



MAYOR AND COUNCIL OF THE TOWN OF WINDERMERE

Mayor Jim O'Brien

Council Members

Andy Williams

Tony Davit

Mandy David

Molly Rose

Tom Stroup

Agenda

Agenda

August 8, 2023

6:00 PM

WINDERMERE TOWN HALL

520 MAIN STREET

WINDERMERE, FL 34786

JOIN ZOOM MEETING (COPY/PASTE INTO BROWSER): [HTTPS://ZOOM.US/](https://zoom.us/)

MEETING ID: 846 0504 7384

PASSCODE: 193993

ONE TAP MOBILE: +1-305-224-1968 / 84605047384#

PLEASE TURN OFF ALL CELL PHONES AND PAGERS

PLEASE NOTE: IN ACCORDANCE WITH F.S. 286.26: Person with disabilities needing assistance to participate in any such proceedings should contact the Office of the Clerk at least 48 hours beforehand at (407) 876-2563.

Pursuant to Resolution No. 2005-12 adopted on December 13, 2005, the following Civility Code shall govern all proceedings before the Town of Windermere Town Council:

1. All electronic devices, including cell phones and pagers, shall be either turned off or otherwise silenced.
2. Prolonged conversation shall be conducted outside Council meeting hall.
3. Whistling, heckling, gesturing, loud conversations, or other disruptive behavior is prohibited.
4. Only those individuals who have signed the speaker list and/or/who have been recognized by the Mayor (or Chair) may address comments to the Council.
5. Comments at public hearings shall be limited to the subject being considered by the Council
6. Comments at Open Forums shall be directed to Town issues.
7. All public comments shall avoid personal attacks and abusive language
8. No person attending a Town Council meeting is to harass, annoy, or otherwise disturb any other person in the room.

Any member of the public whose behavior is disruptive and violates the Town of Windermere Civility Code is subject to removal from the Town Council meeting by an officer and such other actions as may be appropriate. PLEASE NOTE: IN ACCORDANCE WITH F.S. 286.0105: Any person who desires to appeal any decision at this meeting will need a record of this proceeding. For this, such person may need to ensure that a verbatim record of such proceeding is made which includes the

AGENDA

- **THE MEETING IS CALLED TO ORDER BY THE MAYOR**
- **FLAG SALUTE**

1. OPEN FORUM / PUBLIC COMMENT (3-Minute Limit)

2. SPECIAL PRESENTATION / PROCLAMATIONS / AWARDS

a. Proclamation of the Town of Windermere Declaring September 15, 2023 as Healthy Selfie Day (Attachment - Mayor O'Brien to Present)

3. TIMED ITEMS & PUBLIC HEARING

a. 2nd Reading Ordinance 2023-02 - Windermere Downtown Property Development Agreement for Final Development Plan/Major Development Site Plan (Attachments)

4. NEW BUSINESS

a. Minutes

b. Contracts

i. RFP 2023-02 Debris Monitoring & Public Assistance Consulting Services (Attachment - Staff Recommends Rostan Solutions LLC)

ii. RFP 2023-03 Disaster Debris Removal Services Agreement (Attachment - Staff Recommends Raynor Shine Services LLC)

iii. RFP 2023-04 Emergency Tree Removal & Maintenance Services (Attachment - Staff Recommends T&K Tree Services)

5. MAYOR & COUNCIL LIAISON REPORTS

a. Mayor O'Brien

b. Council Member Williams

c. Council Member David

d. Council Member Davit

e. Council Member Rose

f. Council Member Stroup

6. STAFF REPORTS

a. Town Manager Robert Smith

b. Town Attorney Heather Ramos

c. Police Chief Dave Ogden

d. Public Works Director Tonya Elliott-Moore

e. Clerk Dorothy Burkhalter

7. ADJOURN

- REPORTS**
- OTHER ITEMS**



Proclamation

Whereas, Healthy West Orange inspires healthy behaviors and provides resources to help residents make better lifestyle choices; and

Whereas, Healthy West Orange champions healthy programs that deliver health and wellness activities; and

Whereas, Healthy West Orange unites health-minded organizations for whom a healthy community provides meaningful benefits; and

Whereas, Healthy West Orange advocates for healthy community decisions and encourages local leaders to keep their communities' health and wellness a top priority; and

Whereas, Healthy West Orange declares the third Friday in September as the Annual West Orange Healthy Selfie Day.

Therefore, it is my great pleasure and privilege as the Mayor of the Town of Windermere to declare Friday, September 15, 2023, as

West Orange Healthy Selfie Day

and I urge all citizens to join in supporting this initiative.

In witness thereof, I have hereunto set my hand and caused the Town Seal to be affixed this 8th day of August 2023.

Jim O'Brien, Mayor

Attest:

Dorothy Burkhalter
Town Clerk

Town of Windermere

614 Main Street Windermere, FL 34786
Office: (407) 876-2563 Fax: (407) 876-0103

Mayor
JIM O'BRIEN



Town Manager
ROBERT SMITH

Clerk
DOROTHY BURKHALTER

Development Review Board June 20, 2023

1st Town Council
July 11, 2023

2nd Town Council
August 8, 2023

- Case No.:** Ordinance 2023-02 - Z19-1 – Windermere Downtown Property Development Agreement for Final Development Plan/Major Development Site Plan
- Applicant/Representative:** V3 Capital Group, LLC – Trey Vick
- Property Owner:** Windermere Downtown Property, LLC
- Requested Action:** Final Hearing for Ordinance 2023-02 for Approval of Final Development Plan/Major Development Site Plan and Development Agreement for Windermere Downtown Property Redevelopment
- Property Address:** 517 Main St. (17-23-28-9336-02-430); 527 Main St. (17-23-28-9336-02-470); 516 Oakdale St. (17-23-28-9336-02-510); 522 Oakdale St. (17-23-28-9336-02-500); 119 E 6th Ave. (17-23-28-9336-02-490) , Windermere, FL 34786; and parcel no. 17-23-28-9336-02-520
- Legal Description:** PLAT OF WINDERMERE G/36 LOTS 244 (LESS N 24.50 FT) & LOTS 245 & 246; PLAT OF WINDERMERE G/36 LOTS 247 & 248; PLAT OF WINDERMERE G/36 LOT 251; PLAT OF WINDERMERE G/36 LOT 250; PLAT OF WINDERMERE G/36 LOT 249; and PLAT OF WINDERMERE G/36 LOT 252
- Existing Future Land Use:** Commercial/Single-Family Residential with Town Center Overlay

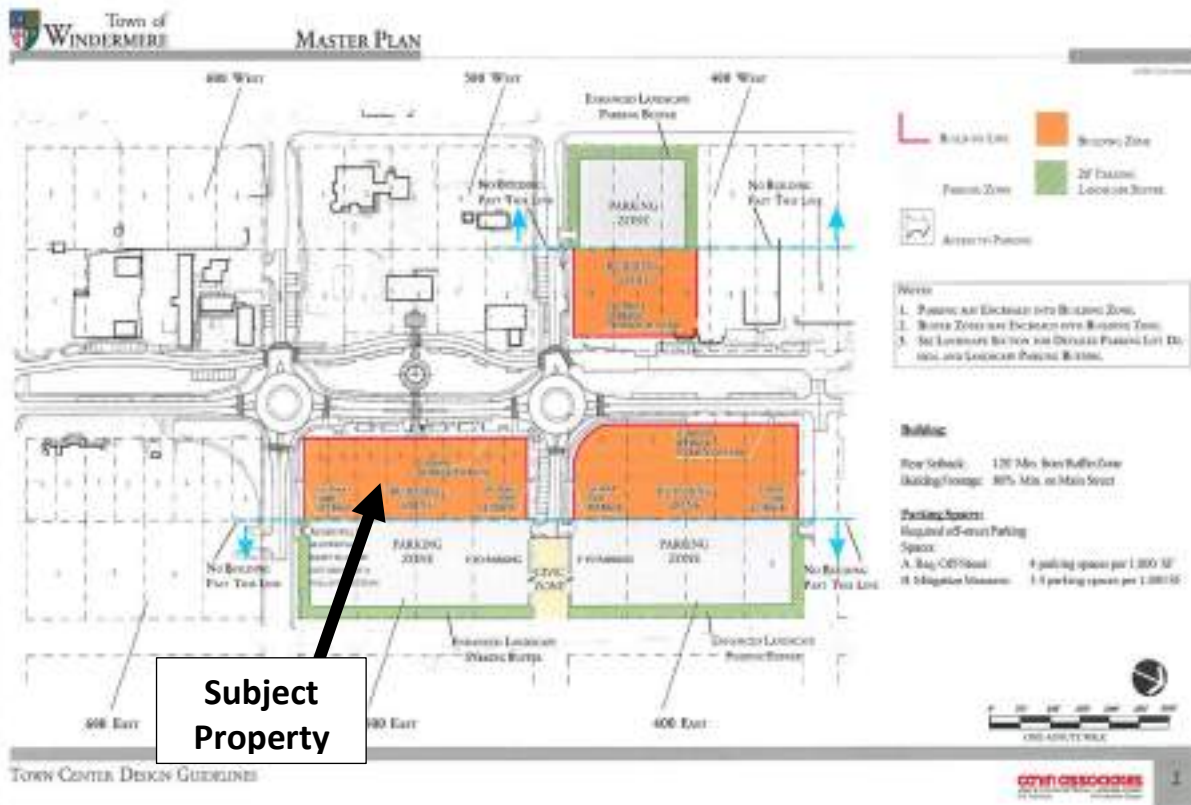
Existing Zoning: Commercial/Single-Family Residential with Town Center Overlay

Existing Use: Commercial/Residential

CASE SUMMARY:

The subject property is located at the northeast corner of Main Street and E 6th Avenue in Downtown Windermere. The subject property is within the Town Center Overlay District as adopted in the Town’s Comprehensive Plan and must adhere to the Town Center Design Guidelines. Development with the Town Center Overlay District requires approval through the Planned Unit Development (PUD) process.

The following image shows the subject property and its location relative to the Town Center Overlay District as shown in the Town Center Design Guidelines.



The PUD process involves three steps: concept plan, preliminary development plan, and final development plan.

The concept plan was completed in October 2020, with non-binding Development Review Board (DRB) comments provided to the applicant.

The preliminary development plan was approved by Town Council on Jun 8, 2021, with the adoption of Ordinance 2021-01. Ordinance 2021-01 rezoned the subject property to PUD, approved the preliminary development plan, and provided conditions for the development and

approval of the final development plan. The proposed Development Agreement includes many of the conditions that were included in Ordinance 2021-01.

With the first two steps complete of the PUD process, this request is for the adoption of Ordinance 2023-02 for the Development Agreement between Windermere Downtown Property, LLC, V3 Capital Group, LLC, and the Town for the approval the final development plan for this proposed project. This final development plan also is the site plan for major development approval.

In summary, the proposed Development Agreement and final development plan/major development site plan proposes redevelopment of the subject property as follows:

1. 19,750 gross square feet of retail, restaurant, office within two - one-story buildings with a courtyard between the two buildings. The proposed new buildings are less than the maximum allowed height of 35 feet and are located consistent with the requirements of the Town Center Design Guidelines. The proposed buildings are located along Main Street with the back half of the property along Oakdale Street containing the parking and landscape buffer.

At this time, the only announced use for the proposed project is a boutique Ace Hardware store proposed for the building on the north end. A hardware store is a permitted use in the Town Center Overlay District. However, it is only permitted without any outdoor storage or displays. Policy 1.4.21 of the Future Land Use Element of the Town's Comprehensive Plan specifically states "hardware stores (no outdoor storage)" are the only type of hardware store allowed in the Town Center Design District. Because this limitation is within the Town's Comprehensive Plan, this prohibition on outdoor storage for hardware stores cannot be waived or deviated from within the approval of the final development plan and major development. To allow the outdoor storage for the hardware store requires an amendment to the Town's Comprehensive Plan to remove that prohibition. In addition, Ordinance 2021-01, which approved the PUD zoning for the subject property, and Section 8.01.00(11) of the Town's Land Development Code also prohibit outdoor storage or display of materials or merchandise unless displayed during Town sanctioned events subject to locational criteria.

The list of permitted uses for the project are consistent with those permitted in the Town's Comprehensive Plan and Land Development Code for the subject property.

Also, the Development Agreement limits the hours of operation of the businesses between the hours of 7:00 a.m. and 10:00 p.m. each day, unless otherwise approved by Town Council.

Any businesses that will be selling or serving alcohol are subject to the Town's requirements in Article VI, Town Code of Ordinances, which includes the requirement for the approval of a conditional use for onsite consumption.

2. There are 79 on-site parking spaces provided consistent with the required parking standard of the Town Center Design Guidelines of 4 parking spaces per 1,000 sf of gross building

area. The parking within the Town Center Overlay District has its own parking standards. Section 3.04.03(2)f.3, LDC, states: "Parking ratios for all land uses within the Town Center District are hereby established at four spaces/1,000 gross square feet." Consequently, the parking standards of individual uses as applied to properties developed prior to the implementation of the Town Center Design Guidelines or not located within the boundary of the Town Center Overlay District are not applicable to this proposed project. The Development Agreement requires the applicant to provide proper signage to manage the shared parking of the loading zone.

3. There is a 20-foot landscape buffer at the perimeter of the property along Oakdale Street and E 6th Avenue as required by the Town Center Design Guidelines. There is also a 6-foot screen wall along the Oakdale Street frontage with the landscaping on the exterior of the screen wall, The screen wall maintains the 6-foot height along the portion of the E 6th Avenue frontage that is across from the homes on Oakdale Street on the south of E 6th Avenue. However, as the screen wall approaches the right-in/right-out driveway connection for the project to the E 6th Avenue, the screen wall is reduced in height to 3-feet to provide for visual clearance at the driveway intersection. On April 19, 2023, the applicant met on site with Oakdale Street residents that live across the street from the project to discuss the proposed screen wall and landscape. On July 10, 2023, the applicant met again with the Oakdale Street residents to review alternative screen wall colors. The applicant's proposed screen wall design provided with this agenda item is a result of the applicant's meetings with the Oakdale Street residents.
4. As required by the Town Center Design Guidelines and Ordinance 2021-01, the access to the project is from a right-in/right-out driveway connection to E 6th Avenue with a right-turn lane into the project from E 6th Avenue, as demonstrated as a need by the traffic study provided for the project during the approval of the preliminary development plan. There will be an access on the north side of the project to E 5th Avenue. The applicant, as required by Ordinance No. 2021-01, will be providing a transportation mitigation payment of \$47,000 (\$20,000 for their proportionate share of the estimate cost of an improvement to the Main Street and 6th Ave round-a-bout and \$27,000 for the installation of a signalized pedestrian crossing on E 6th Avenue at Oakdale Street).
5. The project will connect to potable water services from Orange County Utilities and be served by an on-site septic system to be permitted by the Orange County Health Department. The Town has no financial obligation for the extension of or connection to any utility services to the project.
6. The project will meet the stormwater management requirements of the South Florida Water Management District to assure post-development impacts do not exceed pre-development impacts of the project. The project qualified for self-certification permitting by the South Florida Water Management District due to the project is less than 10 acres in size with less than 2 acres of impervious area. However, the project must still meet the South Florida Water Management District stormwater standards. Prior to approval by the Town of the site development permit, the applicant must submit confirmation that the statutory required electronic submission of the self-certification was provided to the South Florida Water

Management District or the Florida Department of Environmental Protection. The applicant must assure the proper maintenance and operation of the stormwater management system at all times. Prior to Town approval of the site development permit, the applicant must provide a maintenance plan to the Town for the portions of the stormwater management system comprised of pervious pavement materials to assure its proper operation. Also, if it is determined at any time by the Town that the project's stormwater management system is not properly operating and resulting in negative offsite impacts, then the developer shall correct the deficient operation as directed by the Town or other applicable regulatory agency.

7. After several meetings and site visits with the Windermere Tree Board, the applicant has provided a tree impact, mitigation, and protection plan with their final development plan submission. Based on their May 5, 2023, plans submission, the applicant is required to mitigate 151 inches of trees being removed and not being replaced, as shown in the table in the plan sheets. The applicant has agreed to donate trees to the Town for planting in the town to replace the 151 inches in lieu of paying a mitigation fee. Section 5.01.13, Town LDC, requires that replacement trees must be a species that will attain an overall height of 15 feet at maturity and a diameter at breast height (DBH) of at least four inches, and at least 8 feet in height and DBH of 2 inches at time of planting. Also on May 18, 2023, the Windermere Tree Board held a meeting to review the May 5, 2023, plan submission and recommended to the DRB and the Town Council approve the project with further consideration the replacement of the existing landscaping at the front of the proposed building at the corner of Main Street and E 6th Avenue, and to use American Elms and native Palatka Holly. On June 8, 2023, the applicant provided a response to the Windermere Tree Board approval recommendation comments and confirmed that they will use American Elms and native Palatka Holly, and that their proposed final development plan through all of the previous reviews by the Town Council during the public workshops and the Windermere Tree Board.
8. The proposed building design has developed and changed over the past year with comments received during the four Town Council Public Workshops that occurred between March 2022 and February 2023. On July 3, 2023, based on comments provided by the Development Review Board (DRB) at their meeting on June 20, 2023, the applicant submitted revised building elevations. In the images below, the building elevations submitted to the DRB are in the first image, and the revised building elevations submitted for Town Council review is the second image. The full plan sheets of the revised building elevations for Town Council review are provided as part of the agenda item.

If this final development plan/major development is approved, the proposed building elevations will be included as part of the approval conditions with a note that minor adjustments may be made to the proposed façade that maintain consistency with the design intent of the Town Center Design Guidelines and approved by the Town Manager, during the building permitting process for the structures.

Original Building Elevations Submitted for DRB Review on June 20, 2023



Revised Building Elevations Submitted for Town Council Review on August 8, 2023



- Chief Sorenson, Ocoee Fire Department, reviewed the final development plan and approved the shown fire truck routing plan and the use of the loading area for shared

parking. Chief Sorenson's only comment is for the applicant to coordinate with him during the final building permitting for the proper location of the fire hydrant.

10. The Development Agreement provides requirements for construction management to minimize the impact of construction activities to surrounding residential areas. These requirements include, but are not limited to, no off-site storage or staging of equipment or materials, property screened from view at all times, no signage allowed (except safety) during construction, proposed management of debris and dust, no road closures unless approved by the Town Manager, no offsite erosion or stormwater impacts, construction hours and deliveries only allowed between 7:00 a.m. and 7:00 p.m., Monday through Saturday unless otherwise approved by the Town Manager, and proper site security must be maintained.
11. The Development Agreement places a time limit of 18 months for the start of construction after approval. The Town Council may extend the 18 month time limit.
12. If the Town Council approves Ordinance 2023-02, then Town staff will complete any remaining technical reviews, based on the Town Council approval, and then issue the site development permit and building permit. The site development permit and building permit will be fully consistent with the Development Agreement and plans approved by the Town Council.

DEVELOPMENT REVIEW BOARD RECOMMENDATION

On June 20, 2023, the Town's Development Review Board (DRB) held a hearing to review and provide a recommendation to the Town Council for the approval of the final development plan/major development site plan for the Windermere Downtown Property redevelopment project. Based on the information provided and comments received at the DRB hearing, the DRB recommended the Town Council approved the Windermere Downtown Property redevelopment project with the following condition that the applicant provide revised building renderings to the Town Council to be more consistent with the Town Center Design Guidelines and to work with Oakdale Street residents with a revised plan for the screen wall related to its color/appearance. The DRB vote to approve with the condition was 5-0.

PUBLIC NOTICE:

The proposed final development plan/major development plans and supporting information has been available on the Town's website at <https://town.windermere.fl.us/downtown-redevelopment/> since May 2023. The newspaper notice for the DRB and Town Council meetings was published on June 8, 2023. Public notices were mailed to property owners within 500 feet of the subject property on June 9, 2023. Signs were posted at the property on June 10, 2023.

Please do not hesitate to contact me at 813-415-4952 or bcornelius@wadetrim.com with any questions.

ORDINANCE 2023-02

AN ORDINANCE OF THE TOWN OF WINDERMERE, FLORIDA, TO APPROVE A DEVELOPMENT AGREEMENT FOR THE FINAL DEVELOPMENT PLAN AND MAJOR DEVELOPMENT SITE PLAN FOR THE WINDERMERE DOWNTOWN PROPERTY PLANNED UNIT DEVELOPMENT ON 2.17 ACRES MORE OR LESS OF REAL PROPERTY LOCATED WITHIN THE TOWN CENTER DISTRICT OVERLAY AT THE NORTHEAST CORNER OF MAIN STREET AND EAST 6TH AVENUE, AS MORE SPECIFICALLY DESCRIBED HEREIN; PROVIDING FOR APPLICABILITY; SEVERABILITY; CONFLICTS; AND AN EFFECTIVE DATE.

Whereas, the Town Council of the Town of Windermere, Florida, recognizes the need to plan for orderly growth and development;

Whereas, on June 8, 2021, the Town Council approved Ordinance 2021-01, which rezoned 2.17 acres, located on the northeast corner of Main Street and E 6th Avenue, as more particularly described herein, and owned by Windermere Downtown Property, LLC, to Planned Unit Development (“PUD”) and approved a Preliminary Development Plan for the PUD known as the Windermere Downtown Property (the “Project”);

Whereas, Ordinance 2021-01 requires that the Owner obtain approval of the PUD Final Development Plan and Major Development Site Plan through Town Council public workshops, Town Tree Board meetings, public hearing with the Town’s Development Review Board, and approval by the Town Council at two public hearings;

Whereas, consistent with the requirements of Ordinance 2021-01, on May 4, 2023, the Town received an application from the Owner and V3 Capital Group, LLC (the “Developer”) requesting approval of the Final Development Plan and Major Development Site Plan for the Project;

Whereas, at the May 19, 2023, Tree Board meeting, the Tree Board reviewed the proposed Project related to tree protection and mitigation, landscaping, and buffering, and recommended the Development Review Board and Town Council approve the Project based on the proposed tree protection and mitigation;

Whereas, at the June 20, 2023, Development Review Board meeting, the Development Review Board reviewed the proposed Project and recommended the Town Council approve the Project with a condition for the building elevations to be revised to be more compliant with the Town Center Design Guidelines and that additional coordination occur between the Developer and residents along Oakdale Street;

Whereas, the Developer submitted revised plans to address the conditions of the Development Review Board;

Whereas, the Development Agreement that is adopted by this ordinance, between the Owner, Developer, and Town, provides conditions, restrictions, and requirements that are needed or useful to ensure that the Project is appropriate to the Town and its history, character, and

47 nature and does not result in adverse impacts to its residents and taxpayers; and

48

49 **Whereas**, the Town now desires to set forth the entitlements, terms, conditions, requirements, and
50 restrictions for the Final Development Plan as part of the PUD zoning and Major Development Site
51 Plan for the Property and the Project.

52

BE IT ENACTED BY THE PEOPLE OF THE TOWN OF WINDERMERE:

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Section 1. Approval of Development Agreement. The Town Council approves the Development
54 Agreement set forth in Exhibit A.

55

Section 2. Approval for Project Permitting. The approval of the Development Agreement
56 authorizes Town Staff, when all administrative technical reviews are completed and approved by
57 Town Staff, to issue site development permits and building permits for the Project in full compliance
58 with the Development Agreement set forth in **Exhibit A**.

59

Section 3. Severability. If a provision of this ordinance is held invalid or unconstitutional in
60 judicial proceedings, the holding shall not affect other provisions that can be given effect. To that
61 end, this ordinance is declared to be severable.

62

Section 4. Conflicts. In the event of a conflict or conflicts between this ordinance and other
63 ordinances, this ordinance shall control and supersede.

64

Section 5. Effective Date. This Ordinance shall become effective after its passage as a non-
65 emergency ordinance at two regular meetings of the Town Council.

66

ENACTED this _____ day of _____ 2023, at a regular meeting of the
67 Town Council of the Town of Windermere, Florida.

68

Town of Windermere, Florida
69 by: Town Council

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by: _____
71 Jim O'Brien, Mayor

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73 Attest:

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83 Dorothy Burkhalter, MMC, FCRM
84 Town Clerk

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86 First Reading: July 11, 2023

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88 Second Reading/Public Hearing: August 8, 2023

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EXHIBIT A

TO ORDINANCE 2023-02

WINDERMERE DOWNTOWN PROPERTY DEVELOPMENT AGREEMENT

This **Windermere Downtown Property Development Agreement** (the “Agreement”) is entered into as of the Effective Date (as defined in subsection 4.g below) by **Windermere Downtown Property, LLC** and **V3 Capital Group, LLC** (collectively known as the “Owner/Developer”), and the **Town of Windermere, Florida**, a municipal corporation chartered and operating under the laws of the State of Florida (the “Town”).

Whereas, the Owner/Developer is the owner of fee simple title to six separate parcels of real property located within the Town of Windermere, Orange County, Florida totaling approximately 2.17 acres, as more particularly described and depicted on **Attachment A** hereto (the “Property”).

Whereas, On June 8, 2021, the Town Council adopted Ordinance 2021-01 for the approval of the Planned Unit Development (“PUD”) zoning and Preliminary Development Plan (“PDP”) of the Property for a project to be known as Windermere Downtown Property (the “Project”). The Project is a mix of commercial, office, and restaurant uses. Ordinance 2021-01 includes conditions for the development of the PUD and requires the Owner/Developer to submit a Final Development Plan/Major Development Site Plan for approval by the Town Council.

Whereas, as required by Ordinance 2021-01, the Owner/Developer has submitted to the Town an application, dated May 2, 2023, for approval of the Final Development Plan and Major Development Site Plan for the Project.

Whereas, the Owner/Developer intends to develop the Property for the Project, as more particularly described and depicted on **Attachment B** hereto, prepared by Kimley-Horn and Associates, Inc., dated July 11, 2023, and building and screen wall design plans prepared by Scott+Cormia Architecture and Interiors, LLC, dated July 27, 2023, as may be amended by Town Council (the “FDP”).

Whereas, the Town’s Development Review Board (“DRB”) and the Town Council for the Town of Windermere (the “Town Council”) have reviewed the Project as proposed by the Owner/Developer, after appropriate public participation, have determined the conditions, restrictions, and requirements that are needed or useful to ensure that the Project (i) is appropriate to the Town and its history, character, and nature and (ii) does not result in adverse impacts to its residents and taxpayers.

Whereas, the Town and the Owner/Developer now desire to set forth the entitlements, terms, conditions, requirements, and restrictions negotiated by the parties as part of the PUD zoning and Major Development Site Plan for the Property and the Project.

Now, therefore, the Town and the Owner/Developer agree as follows:

1. **Recitals.** The above recitals are true and correct and are incorporated herein by this reference.

2. **Development of the Property.** The Owner/Developer is entitled to develop the Project on the Property. However, development of the Property must conform to and may be undertaken only in accordance with all of the following:

a. The “Construction Plans for Windermere Downtown Property” prepared by Kimley-Horn and Associates, Inc., dated July 11, 2023, and building and screen wall design plans prepared by Scott+Cornia Architecture and Interiors, LLC, dated July 27, 2023, as may be amended by Town Council, attached hereto as **Attachment B** (the “FDP”); and

b. This Agreement.

All development of the Property must comply also with all other applicable federal, state, county, and Town laws, ordinances, and regulations, which are incorporated herein by reference, except to the extent the applicable laws, ordinances, and regulations are expressly waived or modified by this Agreement, or by action expressly approved by the Town Council.

3. **Contract Between the Owner/Developer and the Town.** The uses, densities, and intensities, and all conditions of approval of the PUD zoning and FDP for the Property and the Project, have been negotiated and agreed to by the Owner/Developer and the Town. The FDP and this Agreement, collectively constitute a contract (the “Contract”) between the parties. The Owner/Developer and the Owner/Developer’s successors in interest have the contract right to develop, occupy, and use the Property with the uses, densities, and intensities set forth in the FDP and this Agreement, subject to the restrictions, requirements, and conditions set forth in the Contract, and neither the Owner/Developer nor the Town shall have the right to rezone or downzone the Property, or otherwise alter the uses, densities, and intensities, or to delete, waive, or amend any condition, requirement, or restriction, except through a written amendment to the PUD, FDP, and this Agreement that is negotiated and expressly approved by both the Owner/Developer and the Town Council. The parties expressly acknowledge that neither oral agreement nor course of action shall act to amend the Contract between the parties, and this section constitutes material inducement and material consideration for each party in electing to enter into this Agreement.

4. **Development-Related Conditions of Approval.** Development of the Project may be undertaken on the Property, but only in compliance with the following conditions, requirements, and restrictions:

a. **Payment for Transportation Improvements.** The Owner/Developer shall pay to the Town \$47,000.00 to be used by the Town to pay the cost of transportation improvements to address the impacts of the Project (the “Transportation Improvement Fee”). On or before the date that the first Certificate of Occupancy is issued for the Project, the Transportation Improvement Fee shall be paid to the Town. The Owner’s payment of the Transportation Improvement Fee shall fully satisfy all transportation mitigation, concurrency, impact fee, proportionate share and/or any other transportation fee due to the Town for development of the Project on the Property. The Town intends, but shall not be required, to utilize the Transportation Improvement Fee for future improvement to the round-a-bout at Main Street and E 6th Avenue and install a signalized pedestrian crossing at Oakdale Street and E 6th Avenue.

b. **Utilities Agreement.**

(i) **Potable Water.** The Owner/Developer shall connect to potable water services from Orange County Utilities. The Owner/Developer is responsible for the full cost, including design, permitting, and construction, for any potable water line extension, improvements, or other change to the potable water system for connection of the Project to Orange County Utilities potable water service. The Town has no responsibility nor obligation for any costs. If any construction is required within any Town maintained right-of-way, then the Owner/Developer shall obtain a right-of-way permit from the Town's Public Works Department prior to the commencement of any work in the Town's right-of-way. Prior to approval by the Town of the site development permit, the Owner/Developer must submit to the Town all approvals from Orange County Utilities for connection to their potable water service.

(ii) **Wastewater.** The Owner/Developer shall utilize an onsite wastewater disposal system permitted by the Florida Department of Health (aka Orange County Health Department). The Town has no responsibility nor obligation for any costs. Prior to approval by the Town of the site development permit, the Owner/Developer must submit to the Town all approvals from the Florida Department of Health (aka Orange County Health Department).

(iii) **Stormwater.** The Owner/Developer shall design, construct, and maintain a stormwater management system consistent with the requirements of the South Florida Water Management District and the Town. The Town has no responsibility nor obligation for any costs. It is acknowledged that the Project qualifies for self-certification for stormwater management under Section 403.814(12), Florida Statutes. Prior to approval by the Town of the site development permit, the Owner/Developer must submit confirmation that the statutory required electronic submission of the self-certification was provided to the South Florida Water Management District or the Florida Department of Environmental Protection. The Owner/Developer is required to assure the proper maintenance and operation of the stormwater management system at all times. Prior to Town approval of the site development permit, the Owner/Development must provide a maintenance plan to the Town for the portions of the stormwater management system comprised of pervious pavement materials to assure it proper operation. Also, if it is determined at any time by the Town that the Project's stormwater management system is not properly operating and resulting in negative offsite impacts, then the Owner/Developer shall correct the deficient operation as directed by the Town or other applicable regulatory agency.

c. **Final Development Plan/Major Development Site Plan.** The final development plan/major development site plan ("FDP") and all construction shall be consistent with the "Construction Plans for Windermere Downtown Property" dated July 11, 2023, as may be amended by Town Council, subject to the following conditions, requirements, and restrictions:

(i) **Total Entitlements.** The gross floor area for buildings in the Project shall not exceed, in the aggregate, 19,575 square feet. For purposes of calculating gross floor area, areas used for permanent outside dining shall be deemed to be part of the gross floor area.

(ii) **Permitted Land Uses.** The Property may be used in accordance with the following:

Permitted Uses. The uses of land in the Project are limited to:

- Business and professional offices;
- Government offices and related ancillary uses;
- Bank and financial institutions;
- Churches and related ancillary uses;
- The following personal services: barber shops, beauty shops (but not tattoo or body-piercing shops), personal training, spa, salons, pottery shops, art-painting galleries or studios, and dance studios;
- Restaurants, bakeries, coffee shops, and similar food or beverage services (drive-through-window services are prohibited). The sale or onsite consumption of alcohol is subject to the requirements of Article VI, Town Code of Ordinances;
- The following light-retail uses: bicycle shop, hardware store with no outdoor storage, home-decor shop, florist shop, clothing store, specialty-fashion store, jewelers, bookstore, household goods and services shops, antiques, and pharmacies (drive-through-window services are prohibited); and
- Such other uses approved by Town Council from time to time.

Outdoor Storage and Display. The outdoor storage of any inventory, equipment, or other items is prohibited. However, a permitted retail operation within the Project may utilize the private courtyard area of the Project for the outdoor display of merchandise subject to the limitations of the Town's Land Development Code, which limit the outdoor display to only during Town sanctioned events.

Hours of Operation. Unless otherwise expressly authorized by Town Council, the offices, shops, restaurants, and other non-residential activities within the Project may be open for business only between the hours of 7:00 a.m. and 10:00 p.m. each day.

(iii) **Architecture and Site Design/Screen Wall.** The building architecture and site design, which includes the screen wall along Oakland Street

and E 6th Avenue, shall be consistent with the architectural building design and adjacent buffering intent of the Town Center Design Guidelines, as adopted in Section 3.05.00, Town Land Development Code, and as approved by the Town Council with the FDP. During the building permitting for the structures, minor adjustments may be made to the proposed building façades that maintain consistency with the design intent of the Town Center Design Guidelines and approved by the Town Manager.

(iv) **Dumpster Enclosure.** The dumpster shall be screened from view by an enclosure. The dumpster shall have a lid that is to be closed at all times except when garbage is added or removed. No loose garbage shall be placed in the dumpster enclosure.

(v) **On-Site Parking.** At least 79 on-site parking spaces with a minimum dimension of 18.5 feet long by 9 feet wide shall be provided with the Project, as shown on the Town Council approved FDP. For the parking spaces that are shared with the Project's loading zone, the Owner/Developer shall provide appropriate signage in the loading zone to assure the proper coordination of loading/unloading times and general parking times. Prior to the placement of the signage in the loading zone, the Owner/Developer shall submit the proposed signage to the Town to assure its consistency with the design of the Project.

(vi) **Tree Mitigation and Protection.** The Owner/Developer shall follow the tree mitigation and protection plans as provided in the approved FDP. The Owner/Developer shall comply with Sections 5.01.00 through 5.01.18, Town Land Development Code, for the protection of trees during development based on the American National Standards Institute (ANSI) A300 series requirements. The Owner/Developer shall engage and retain the services of a Professional Florida Certified Arborist during the construction of the Project. The Professional Florida Certified Arborist shall assure that appropriate actions are taken by the Owner/Developer to properly protect and maintain the trees that are identified to be protected and to assure the proper removal and mitigation for trees that are approved to be removed. The Town may engage its own Professional Certified Arborist to also oversee the Project and assure compliance with the requirements of the approved tree mitigation plan. The Owner/Developer shall reimburse the Town for the cost of the services of the Town's Professional Certified Arborist.

The Developer/Owner agrees to donate to the Town 151 inches, Diameter at Breast Height (DBH), of replacement trees to mitigate for the removal of 151 inches DBH of trees from the Property, as shown on the Town Council approved FDP. As required by Section 5.01.12, Town Land Development Code, each replacement tree must be a type that will attain an overall height at maturity of at least 15 feet with a DBH of at least four inches, and shall be a minimum of height of at least eight feet with a DBH of least 2 inches at time of planting. The type of tree shall be indigenous to the State of Florida and be listed as an approve tree in the Town Center Design Guidelines or in Section 5.01.18, Town Land Development Code. The Town shall plant the donated trees in Town right-of-way or other Town

properties with the review and recommendation for their location by the Town's Tree Board.

As required by Section 5.01.12, Town Land Development Code, if any of the existing protected trees or new trees planted by the Owner/Developer as part of the landscape plan with the approved FDP are deemed by a Florida Certified Arborist to be dead or beyond recovery, hazardous, or deteriorated, then the Owner/Developer may remove the tree but must replace the removed tree with a new tree planted on site and meeting the same standard for replacement trees in the previous paragraph. The Town reserves the right to engage its own Florida Certified Arborist to confirm the condition of the tree.

(vii) **Site Lighting.** All light fixtures on the Property shall be fully shielded to prevent light and glare from radiating either skyward or beyond the boundaries of the Property.

(viii) **Construction Management.** The Town Council finds that the following construction management requirements are intended to eliminate, as much as possible, the nuisance to Town residents and visitors that might otherwise result from the sights, sounds, dust, and debris from the construction of the Project.

The following requirements and restrictions shall apply to construction activity on the Property:

Construction Staging and Screening — Construction staging (e.g., construction trailers, vehicles, and equipment, material storage, construction-worker parking, construction dumpsters, temporary restrooms, etc.), shall be contained within the boundaries of the Property. During all construction activity, the Property shall be screened to obscure view of the construction site throughout all phases of construction. No signs, advertising, or other communications (other than signs pertaining specifically to construction safety) may be placed on the exterior of the screening.

Construction Staging and Screening — Subsequent Construction, Reconstruction, and Renovation. Staging areas for construction, reconstruction, or renovations occurring from time to time after completion of the Project shall be at such locations as may be approved in writing by the Town Manager. Under no circumstances may the staging occur within public rights-of-way or on Town property without the express approval of Town Council, which may be granted or withheld at the discretion of the Town Council. During all construction activity, the Property shall be screened to obscure view of the construction-staging area site throughout all phases of construction. No signs, advertising, or other communications (other than signs pertaining specifically to the construction safety) may be placed on the exterior of the screening.

Dust and Debris. All debris shall be retained within the boundaries of the Property throughout all construction activities. The Owner/Developer shall not allow dust to escape in material amounts, as determined by the Town Manager,

during construction.

Road Closures. No road closures may occur in connection with the construction, unless expressly approved in writing by the Town Manager.

Construction Hours and Deliveries. Construction activity and deliveries of construction materials and equipment for the Project to the Property may only occur between the hours of 7:00 a.m. and 7:00 p.m., Monday through Saturday, unless approved otherwise expressly and in writing by the Town Manager.

Stormwater Retention and Erosion Control During Construction. The Owner/Developer shall take such steps as are necessary or useful to ensure that, at all times during construction, all stormwater from rainfall, up to at least one inch per storm, is retained within the boundaries of the Property and not discharged offsite and appropriate mitigation is provided to maintain proper erosion control during construction. The Owner/Developer shall follow the stormwater and erosion control plan compliant with the requirements of the National Pollution Discharge Elimination System (NPDES) approved with the FDP. All stormwater and erosion control measures must be installed prior to the initiation of any site clearing, demolition, or construction activity on the Property.

Construction-Site Security. The Owner/Developer shall provide a reasonable level of security on the Property throughout the construction period to prevent trespass, theft, bodily injury, and other undesirable occurrences. If, after consultation with the Town's Chief of Police, the Town Manager determines that additional security is needed, the Owner/Developer must provide it at their own cost.

Enforcement. Material violations of these requirements and restrictions, as determined in the reasonable judgment of the Town Manager, may result in the issuance by the Town Manager of a stop-work order. Upon such issuance, the Owner/Developer shall halt all construction immediately and correct the violation. Construction may be resumed only upon notification to the Owner/Developer from the Town Manager that the violation has been corrected, and the Town Manager shall issue such notice immediately upon correction thereof. The Town shall have such other remedies (other than an action for damages) as allowed by law and equity to enforce the provisions of these conditions, including (but not limited to) withholding building permits and certificates of occupancy.

5. Miscellaneous.

a. **Notice.** Notices delivered with respect to this PUD and FDP shall be in writing and be deemed to be delivered (whether or not actually received) when (i) hand delivered to the person(s) hereinafter designated, or (ii) upon deposit of such notice in the United States Postal Service, postage prepaid, certified mail, return receipt requested,

addressed to the person at the address set forth opposite the party's name below, or such other address or to such other person as the party shall have specified by written notice to the other party delivered in accordance herewith:

As to Owner: Windermere Downtown Property,
LLC 9259 Point Cypress Drive
Orlando, Florida 32826

As to Developer: V3 Capital Group, LLC
496 S. Hunt Club Boulevard
Apopka, Florida 32703

As to Town: Town of Windermere
Robert Smith, Town Manager
614 Main Street
Windermere, Florida 34786

With copy to: Dorothy Burkhalter, Town Clerk
Town of Windermere
614 Main Street
Windermere, Florida 34786

Thomas J. Wilkes, Town Attorney
GrayRobinson, P.A.
301 E. Pine Street, Suite 1400
Orlando, Florida 32801

b. **Covenants Running with the Land.** These Conditions shall be binding upon, and shall inure to the benefit of, the successors and assigns of the parties and shall be a covenant running with the Property.

c. **Recordation of Conditions.** Ordinance 2023-02 and these Conditions shall be recorded in the Official Records of Orange County, Florida, at the expense of the Owner/Developer, within ten business days after the Effective Date of this Agreement (as defined in Subsection 4.g below).

d. **Applicable Law.** This Agreement shall be construed and interpreted according to the laws of the State of Florida. Venue for a proceeding in connection with this Agreement shall be the Ninth Judicial Circuit of Florida, in Orange County, Florida.

e. **Further Documentation.** Following a request therefor by a party, the other party shall execute and deliver such documents and instruments, in form and substance reasonably requested, as may be necessary to confirm the obligations of the party and to evidence the consummation of the transactions contemplated hereby.

f. **Limitation on Remedies.** In judicial proceedings, the Town and the Owner/Developer shall have the right to enforce the terms and conditions of these Conditions only by an action for specific performance or injunctive relief. Each party

expressly waives its right, if any, to seek damages of any type in actions arising from or connected to these Conditions and the Project. Notwithstanding the foregoing, the parties may use self-help remedies, such as withholding performance of obligations hereunder while the other party is in breach hereof, withholding permits and approvals (including certificates of occupancy), etc.

g. **Effective Date.** This Agreement shall be deemed to have taken effect as of the date the Town Council voted to approve the FDP for the Property (the “Effective Date”). This Agreement shall remain in full force and effect for so long as the Property is zoned and used for the Project.

h. **Amendments and Waivers.** These Conditions may be amended only by express written instrument executed by both the Owner/Developer and the Town, and the execution by the Town shall be valid and binding against the Town only if expressly approved by its Town Council at a meeting thereof. Waivers of material requirements, restrictions, and conditions imposed hereunder shall be valid and binding against the Town likewise only if expressly approved by its Town Council at a meeting thereof.

i. **Indemnity; Sovereign Immunity.** The Owner/Developer hereby indemnifies and holds the Town and its elected and appointed officials, employees and agents harmless from and against any and all claims, disputes, lawsuits, liens, injuries, damages, attorneys’ fees (including the Town’s trial and appellate attorneys’ fees), costs and experts’ fees, interest and all adverse matters in any way arising out of or relating to the Owner/Developer’s and its officers’, employees’ and agents’ negligent acts, negligent omissions, and negligent misrepresentations under or arising from this Agreement, or any combination thereof, arising from or related to the Owner/Developer’s exercise of (or failure to exercise) the rights or obligations of the Owner/Developer under this Agreement.

Nothing contained in this Agreement nor in any instruments or documents executed pursuant to the terms of this Agreement shall be construed as a waiver or attempted waiver by the Town of its sovereign immunity under the Constitution and laws of the State of Florida.

j. **Breach.** In the event of a breach, default, or violation of one or more of the provisions herein by the Owner/Developer or the Town, the violating party shall be given thirty (30) days to cure such violation upon receipt of written notice of the violation from a non-violating party. In the event such violation is not cured within said period, the Town, or the Owner, as the case may be, shall have the right to pursue the remedies set forth in Section 14.e hereof.

k. **Time Limit to Commence Construction** The Owner/Developer has eighteen months from the Effective Date for the Project to commence substantial construction of the Project. The Town Council may grant successive one-year extensions if the Owner/Developer makes a written request to the Town Manager prior to the applicable expiration date, provided that the plans still comply with the then current Land Development Code. In the event this time period expires and/or no extension is approved, the Town Council has the right at its discretion either to terminate this

Agreement or to require the Owner/Developer to comply with any new land development regulations, if any, approved subsequent to the date of this Agreement.

In witness whereof, the Owner/Developer and the Town have caused this Agreement to be executed by their respective, duly authorized representatives as set forth below.

TOWN OF WINDERMERE, FLORIDA

By: its Town Council

By: _____
Jim O'Brien, Mayor

ATTEST:

By: _____
Dorothy Burkhalter, Town Clerk

STATE OF FLORIDA
COUNTY OF ORANGE

SWORN to and subscribed freely and voluntarily for the purposes therein expressed before me by **Jim O'Brien, Mayor of the Town of Windermere, Florida**, known to me to be the person described in and who executed the foregoing, this ____ day of _____, 2023. He is personally known to me or has produced _____ (type of identification) as identification and did/did not (circle one) take an oath.

WITNESS my hand and official seal in the County and State last aforesaid this ____ day of _____, 2023.

NOTARY PUBLIC

Print Name: _____

My Commission Expires: _____

Witnesses:

Windermere Downtown Property, LLC, a Florida limited liability company

By: _____
Managing Member

Print Name: _____

Print Name: _____

Print Name: _____

V3 CAPITAL GROUP, LLC, a Florida limited liability company

By: _____
Managing Member

Print Name: _____

Print Name: _____

Print Name: _____

STATE OF FLORIDA
COUNTY OF ORANGE

SWORN to and subscribed freely and voluntarily for the purposes therein expressed before me by _____, Managing Member of **Windermere Downtown Property, LLC**, known to me to be the person described in and who executed the foregoing, this ____ day of _____, 2023. He/she is personally known to me or has produced _____ (type of identification) as identification and did/did not (circle one) take an oath.

WITNESS my hand and official seal in the County and State last aforesaid this ____ day of _____, 2023.

NOTARY PUBLIC

Print Name:_____

My Commission Expires:_____

STATE OF FLORIDA
COUNTY OF ORANGE

SWORN to and subscribed freely and voluntarily for the purposes therein expressed before me by _____, Managing Member of **V3 Capital Group, LLC**, known to me to be the person described in and who executed the foregoing, this ____ day of _____, 2023. He/she is personally known to me or has produced _____ (type of identification) as identification and did/did not (circle one) take an oath.

WITNESS my hand and official seal in the County and State last aforesaid this ____ day of _____, 2023.

NOTARY PUBLIC

Print Name:_____

My Commission Expires:_____

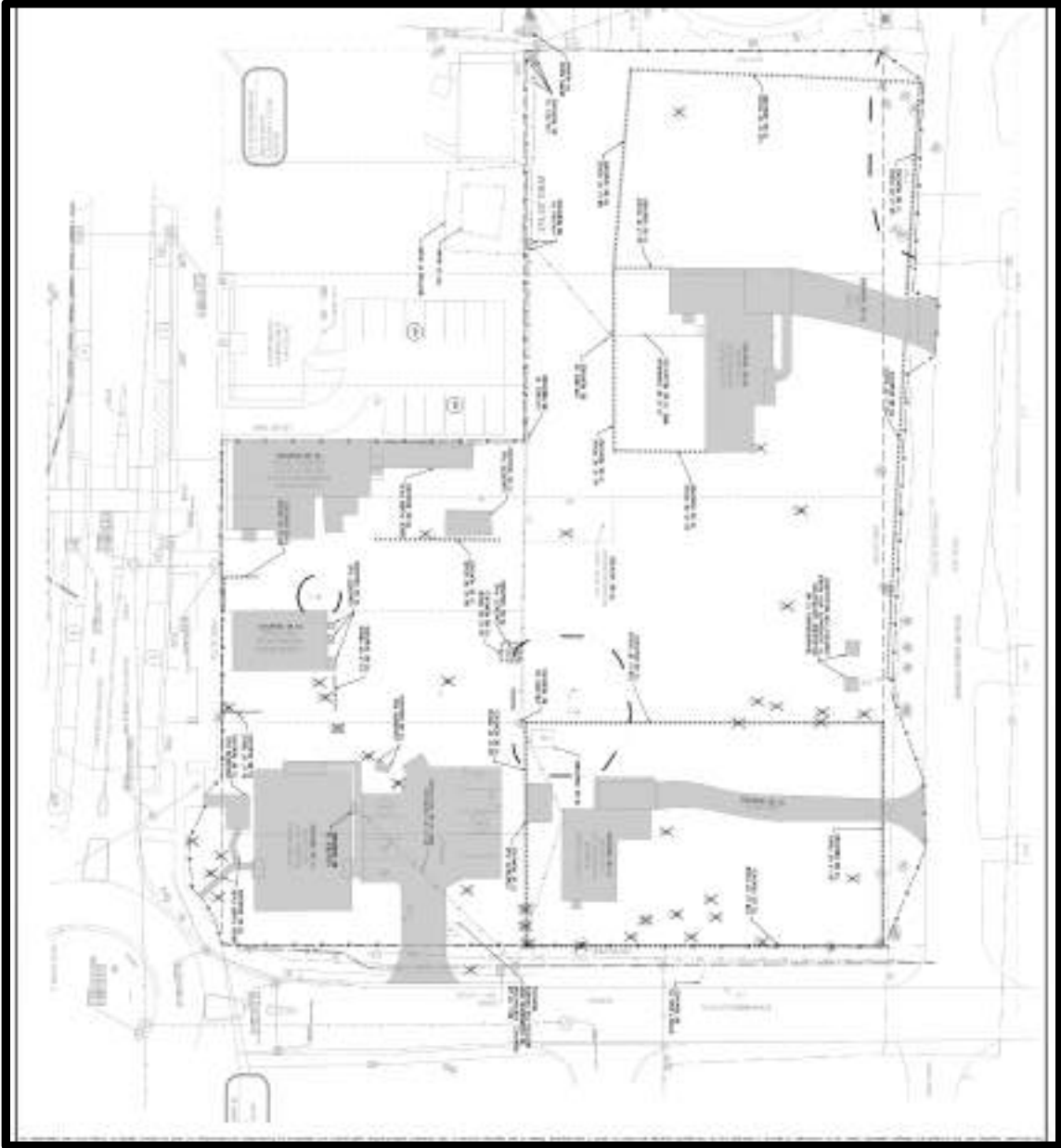
Attachment A
to the Development Agreement for
Windermere Downtown Property

Legal Description
and
Sketch of the “Property”

That part of Section 33, Township 24 South, Range 27 East, Orange County, Florida, being more particularly described as follows:

Commence at the Southeast corner of said Section 33, Township 24 South, Range 27 East, Orange County, Florida; thence run S8956°28'W along the South line of said Section 33, also being the centerline of State Road 530 (U.S. Highway No. 192), a distance of 994.86 feet to a point on the Southerly projection of the East line of Shoppes of West 192, according to the plat thereof as recorded in Plat Book 93, Pages 127 and 128, Public Records of Orange County, Florida; thence run N00°14'00"E along said Southerly projection, a distance of 100.00 feet to a point on the North right of way line of said State Road 530 (U.S. Highway No. 192); thence continue N0014'00"E along the East line of said Shoppes of West 192 and along the East line of the lands described in Official Records Book 5526, Page 1669, Public Records of Orange County, Florida, a distance of 1037.89 feet for the Point of Beginning; thence run S8946°00"E, a distance of 43.60 feet to a point on a non-tangent curve, concave to the East, having a radius of 91.00 feet; thence from a radial bearing of S8327°27"E run northeasterly along the arc of said curve through a central angle of 2347°55", an arc distance of 37.80 feet, having a chord bearing of N1826°30"E and a chord distance of 37.53 feet; thence run S3020°28"W, a distance of 1.48 feet to the beginning of a curve concave to the West, having a radius of 133.00 feet; thence run Northeasterly along the arc of said curve through a central angle of 28°32'02", an arc distance of 61.59 feet, having a chord bearing of N1704°27"E and a chord distance of 61.04 feet; thence run S8946°00"E, a distance of 80.65 feet; thence run N5830°45"E, a distance of 18.93 feet; thence run N2647°29"E, a distance of 17.99 feet; thence run S8939°32"E, a distance of 227.45 feet; thence run S0057°03"W, a distance of 47.73 feet; thence run S4418°50"E, a distance of 44.13 feet; thence run S8944°58"E, a distance of 177.16 feet; thence run N3754°25"E, a distance of 53.22 feet; thence run S6656°12"E, a distance of 65.35 feet; thence run N1826°28"E, a distance of 59.31 feet; thence run S8938°22"E, a distance of 289.13 feet; thence run N0011°30"E along the East line of said Southeast 1/4 of Section 33, a distance of 414.43 feet; thence run N8939°32"W along the South line of lands described in Official Records Book 5526, Page 1669, a distance of 993.64 feet; thence run S0014°00"W along the aforesaid East line of the lands described in Official Records Book 5526, Page 1669, a distance of 530.38 feet to the Point of Beginning.

Contains 2.17 acres, more or less



Attachment B
to the
Development Agreement for
Windermere Downtown Property

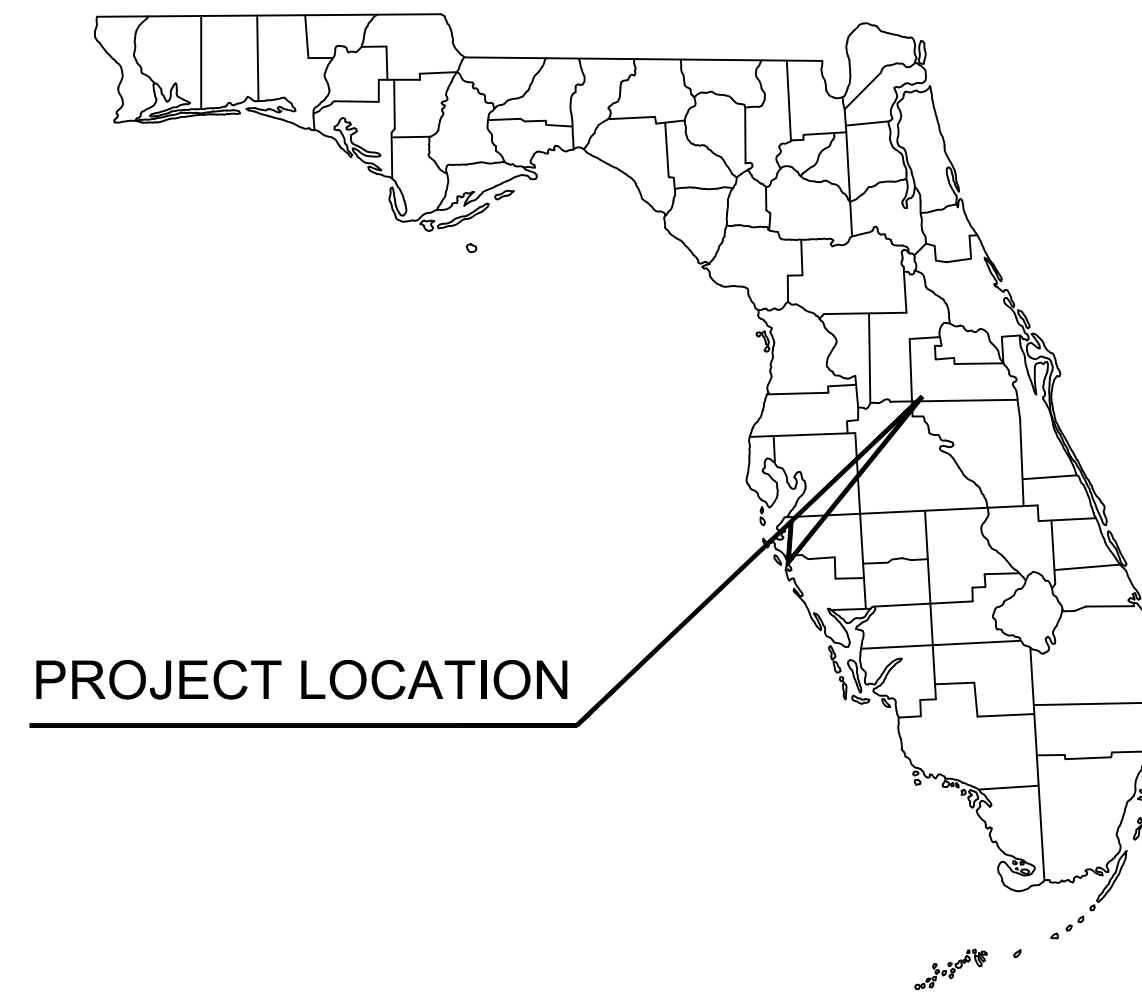
Final Development Plan
Major Development Site Plan

CONSTRUCTION PLANS

FOR

WINDERMERE DOWNTOWN PROPERTY

PARCEL ID #'s: 17-23-28-9336-02-430, 17-23-28-9336-02-470,
17-23-28-9336-02-490, 17-23-28-9336-02-500, 17-23-28-9336-02-510,
17-29-28-9336-02-520



PROJECT LOCATION



AERIAL PHOTOGRAPH
N.T.S.

TOWN OF WINDERMERE, FL

May 3, 2023

SITE

LEGAL DESCRIPTION

That part of Section 33, Township 24 South, Range 27 East, Orange County, Florida, being more particularly described as follows:

Commence at the Southeast corner of said Section 33, Township 24 South, Range 27 East, Orange County, Florida; thence run S8956°28'W along the South line of said Section 33, also being the centerline of State Road 530 (U.S. Highway No. 192), a distance of 994.86 feet to a point on the Southerly projection of the East line of Shoppes of West 192, according to the plat thereof as recorded in Plat Book 93, Pages 127 and 128, Public Records of Orange County, Florida; thence run N00°14'00"E along said Southerly projection, a distance of 100.00 feet to a point on the North right of way line of said State Road 530 (U.S. Highway No. 192); thence continue N00°14'00"E along the East line of said Shoppes of West 192 and along the East line of the lands described in Official Records Book 5526, Page 1669, Public Records of Orange County, Florida, a distance of 1037.89 feet for the Point of Beginning; thence run S8946°00"E, a distance of 43.60 feet to a point on a non-tangent curve, concave to the East, having a radius of 91.00 feet; thence from a radial bearing of S8327°27'E run northeasterly along the arc of said curve through a central angle of 2347°55", an arc distance of 37.80 feet, having a chord bearing of N1826°30"E and a chord distance of 37.53 feet; thence run S3020°28'W, a distance of 1.48 feet to the beginning of a curve concave to the West, having a radius of 133.00 feet; thence run Northeasterly along the arc of said curve through a central angle of 26°32'02", an arc distance of 61.59 feet, having a chord bearing of N1704°27'E and a chord distance of 61.04 feet; thence run S8946°00"E, a distance of 80.65 feet; thence run N5830°45'E, a distance of 18.93 feet; thence run N2647°29'E, a distance of 17.99 feet; thence run S8939°32'E, a distance of 227.45 feet; thence run S0057°03'W, a distance of 47.73 feet; thence run S4418°50"E, a distance of 44.13 feet; thence run S8944°58"E, a distance of 177.16 feet; thence run N3754°25'E, a distance of 53.22 feet; thence run S6656°12'E, a distance of 65.35 feet; thence run N1826°28'E, a distance of 59.31 feet; thence run S8936°22'E, a distance of 269.13 feet; thence run N0011°30"E along the East line of said Southeast 1/4 of Section 33, a distance of 414.43 feet; thence run N8939°32'W along the South line of lands described in Official Records Book 5526, Page 1669, a distance of 993.64 feet; thence run S0014°00'W along the aforesaid East line of the lands described in Official Records Book 5526, Page 1669, a distance of 530.38 feet to the Point of Beginning.

Contains 2.17 acres, more or less



SITE

SECTION 17, TOWNSHIP 23S, RANGE 28E
LOCATION MAP

N.T.S.

PROJECT TEAM

OWNER/DEVELOPER
WINDERMERE DOWNTOWN PROPERTY, LLC
496 S. HUNT CLUB BOULEVARD
APOPKA, FL 32703
CONTACT: BRETT DARGIS
PHONE: (407)848-1663
EMAIL: brett@v3capgroup.com

ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
189 S. ORANGE AVENUE, SUITE 1000
ORLANDO, FL 32801
CONTACT: JONATHAN A. MARTIN, P.E.
PHONE: (407) 898-1511
EMAIL: jonathan.martin@kimley-horn.com

LANDSCAPE ARCHITECT:
KIMLEY-HORN AND ASSOCIATES, INC.
189 S. ORANGE AVENUE, SUITE 100
ORLANDO, FL 32801
CONTACT: SCOTT MINGONET, PLA, AICP
PHONE: (407) 898-1511
EMAIL: scott.mingonet@kimley-horn.com

SURVEYOR
ACCURIGHT SURVEYS OF ORLANDO, INC.
2012 E. ROBINSON STREET
ORLANDO, FL 32803
CONTACT:
PHONE: (407)894-6314
EMAIL: ACCU@ACCURIGHTSURVEYS.NET

UTILITY PROVIDERS

WATER:
ORANGE COUNTY UTILITIES
9150 CURRY FORD ROAD
ORLANDO, FL 32802
CONTACT: DAVID SHORETTE
EMAIL: DAVID.SHORETTE@OCFL.NET
PHONE: (407) 836-5515

**CABLE/INTERNET/
TELEPHONE:**
CHARTER COMMUNICATIONS
3767 ALL AMERICAN BLVD.
ORLANDO, FL 32810
CONTACT: TRACEY DOMOSTOY
PHONE: (407) 532-8511

POWER:
DUKE ENERGY
452 E CROWN POINT ROAD
WINTER GARDEN, FL 34787
CONTACT: KENNETTA DOUGLAS
EMAIL: KENNETTA.DOUGLAS@DUKE-ENERGY.COM
PHONE: (407)905-3371

GAS:
LAKE APOPKA NATURAL GAS DISTRICT
1320 WINTER GARDEN-VINELAND ROAD
WINTER GARDEN, FL 34787
CONTACT: EVERETT HOLMES
EMAIL: EHOLMES@LANGD.ORG
PHONE: (407) 410-7024

TELEPHONE:
AT&T - SOUTHEAST
5100 STEYR
ORLANDO, FL 32819
CONTACT: THAINEL BRASCHI
EMAIL: TB925X@ATT.COM
PHONE: (407) 351-8190

INTERNET:
LUMEN
33 N. MAIN STREET
WINTER GARDEN, FL 34787
CONTACT: EVNS CENAFILS
PHONE: (407) 814-5373

Sheet List Table

Sheet Number	Sheet Title
C0.0	COVER
C1.0	GENERAL NOTES
C1.1	GENERAL NOTES
C2.0	SWPP NOTES
C2.1	EROSION CONTROL DETAIL
C3.0	EXISTING CONDITIONS
C4.0	SITE PLAN
C5.0	GRADING AND DRAINAGE PLAN
C6.0	UTILITY PLAN
C7.0	TRUCK ROUTING PLAN
C7.1	TRUCK ROUTING PLAN
C8.0	GENERAL CONSTRUCTION DETAILS
C8.1	GENERAL CONSTRUCTION DETAILS
C8.2	GENERAL CONSTRUCTION DETAILS
C8.3	GENERAL CONSTRUCTION DETAILS
C8.4	GENERAL CONSTRUCTION DETAILS
C8.5	GENERAL CONSTRUCTION DETAILS
C9.0	UTILITY DETAILS
C9.1	UTILITY DETAILS
C9.2	UTILITY DETAILS
C9.3	UTILITY DETAILS
L0.50	TREE MITIGATION PLAN
L0.51	TREE MITIGATION CHART
L0.52	TREE MITIGATION NOTES
L1.00	LANDSCAPE PLAN
L1.01	LANDSCAPE SCHEDULE & NOTES
L1.50	LANDSCAPE DETAILS
L1.51	LANDSCAPE SPECIFICATIONS
L2.00	IRRIGATION PLAN
L2.50	IRRIGATION DETAILS
L2.51	IRRIGATION SPECIFICATIONS
L3.00	HARDSCAPE PLAN

Drawing name: K:\ORL\Civil\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\CO.0 - COVER.dwg COVER Jul 31, 2023 4:50pm by: chance.lockey
This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

PREPARED BY
Kimley»Horn

© 2023 KIMLEY-HORN AND ASSOCIATES, INC.
189 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801
Phone: (407) 898-1511
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106



MARCUS J. GEIGER, P.E.
FL. P.E. NO. 89199

WINDERMERE DOWNTOWN PROPERTY
KH PROJECT# 149973004
07/11/2023

NO.	REVISIONS:	DATE	BY

SHEET NUMBER

C0.0

Plotted By: Lacey, Chance - Sheet Set: Windermere Downtown Property - Layout: C1.1 GENERAL NOTES - July 31, 2023 04:51:11pm - K:\ORIG\DWG\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\C1.1 - GENERAL NOTES.dwg
This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

OCU GENERAL NOTES

1. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN EXCAVATING IN PROXIMITY OF INCLUDING, BUT NOT LIMITED TO: WATER MAINS, WASTEWATER FORCE MAINS, GRAVITY MAINS, RECLAIMED WATER MAINS, ELECTRIC, GAS, CABLE TV, TELECOMMUNICATIONS, STORM WATER, FIBER OPTIC AND OTHER UNDERGROUND FACILITIES. MAIN LOCATIONS SHOWN ON PLANS MAY NOT BE EXACT. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING UTILITY LOCATIONS.
2. SHOULD A PIPE EMERGENCY OCCUR, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OCU DISPATCH OPERATOR (407-836-2777) AND THE OCU INSPECTOR.
3. THE CONTRACTOR SHALL NOTIFY THE OCU CONSTRUCTION INSPECTION SECTION, FIELD SERVICES DIVISION AT LEAST 10 CALENDAR DAYS PRIOR TO COMMENCEMENT OF THE CONSTRUCTION PROJECT BY CALLING (407) 254-9798.
4. THE CONTRACTOR SHALL NOTIFY THE OCU CONSTRUCTION INSPECTOR IN ACCORDANCE WITH TABLE 4110-1 "UTILITIES" SCHEDULE OF NOTIFICATIONS IN THIS MANUAL.
5. THE MATERIALS, PRODUCTS, AND CONSTRUCTION OF ALL UTILITIES CONNECTING TO THE OCU SYSTEM SHALL BE IN CONFORMANCE WITH THE STANDARDS, CONSTRUCTION SPECIFICATIONS, AND APPENDIX D IN THIS MANUAL.
6. ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO: WATER MAINS, FORCE MAINS, RECLAIMED WATER MAIN SANITARY GRAVITY PIPES, STORM WATER PIPES, ELECTRIC, TELEPHONE, GAS, POLES AND STAYS, CABLE TV AND OTHER UTILITY FACILITIES WITHIN THE LIMITS OF THE PROJECT WILL BE SUPPORTED AND PROTECTED AGAINST DAMAGE DURING CONSTRUCTION.
7. THE CONTRACTOR SHALL ADJUST ALL EXISTING OCU MAINS AND FACILITIES IN CONFLICT WITH NEW GRADE, NEW OR ALTERED ROADWAYS, SIDEWALKS, DRIVEWAY, CURBS, OR STORM WATER IMPROVEMENTS. OCU FACILITIES TO BE ADJUSTED INCLUDE, BUT ARE NOT LIMITED TO: PIPELINES, PUMP STATIONS, VALVE BOXES, AIR RELEASE VALVES, FIRE HYDRANTS, MANHOLE COVERS, AND METERS. ALL ADJUSTMENTS SHALL BE MADE TO CURRENT STANDARDS.
8. ONLY OCU PERSONNEL SHALL OPERATE EXISTING OCU WATER, WASTEWATER, AND RECLAIMED WATER VALVES. THE CONTRACTOR IS RESPONSIBLE FOR OPERATING ANY NEWLY INSTALLED VALVE OPERATION WITH THE OCU INSPECTOR. FOR OPERATION WITH THE OCU INSPECTOR. FOR OPERATION OF MAINS NOT OWNED BY OCU, IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE APPROPRIATE UTILITY REPRESENTATIVE.
9. CONSTRUCTION ACTIVITIES SHALL NOT CAUSE INTERRUPTIONS IN WATER, WASTEWATER, OR RECLAIMED WATER SERVICE. THE CONTRACTOR SHALL COORDINATE PRE-APPROVED INTERRUPTIONS OF SERVICE WITH THE OCU INSPECTOR 7 WORKING DAYS IN ADVANCE AND WRITTEN NOTICE SHALL BE GIVEN TO AFFECTED CUSTOMERS AT LEAST 4 WORKING DAYS IN ADVANCE.
10. THE CONTRACTOR SHALL PROVIDE FOR BYPASSING AND / OR HAULING OF WASTEWATER DURING APPROVED INTERRUPTION OF WASTEWATER FLOWS AND CONNECTIONS. THE CONTRACTOR SHALL SUBMIT A BYPASS OR HAUL PLAN, REVIEWED AND APPROVED BY A PROFESSIONAL ENGINEER TO OCU DEVELOPMENT ENGINEERING AND TO THE INSPECTOR FOR APPROVAL PRIOR TO IMPLEMENTATION BY CONTRACTOR.
11. ALL VALVES INSTALLED AS PART OF THIS CONSTRUCTION PROJECT SHALL REMAIN CLOSED DURING CONSTRUCTION. KEEP VALVES ON ALL WET TAPS CLOSED UNTIL CLEARED BY FDEP. DO NOT CONNECT NEWLY CONSTRUCTED WATER MAINS TO ANY EXISTING WATER MAINS UNTIL CLEARED BY FDEP AND OCU.
12. THE CONTRACTOR SHALL PROVIDE A JUMPER ASSEMBLY WITH AN APPROVED BACKFLOW PREVENTER FOR MAKING TEMPORARY CONNECTIONS TO AN EXISTING POTABLE WATER SOURCE IN ORDER TO CHLORINATE AND FLUSH NEW WATER MAINS WITH POTABLE WATER. ANY TEMPORARY WATER CONNECTIONS TO RECLAIMED WATER OR FORCE MAIN SHALL ALSO BE EQUIPPED WITH AN APPROVED BACKFLOW PREVENTER.
13. FOR PVC PIPE, NO JOINT DEFLECTION OR PIPE BENDING IS ALLOWED. ALIGNMENT CHANGE SHALL BE MADE ONLY WITH FITTINGS.
14. FOR DIP PIPE, LONG RADIUS CURVES, EITHER HORIZONTAL OR VERTICAL, MAY BE INSTALLED WITH STANDARD PIPE BY DEFLECTIONS AT THE JOINTS. MAXIMUM DEFLECTIONS AT PIPE JOINTS, FITTINGS AND LAYING RADIUS FOR THE VARIOUS PIPE LENGTHS SHALL NOT EXCEED 75 PERCENT OF THE PIPE MANUFACTURE'S RECOMMENDATION.
15. FOR APPROVED PVC OR HDPE PIPE USED IN A HORIZONTAL DIRECTIONAL DRILL INSTALLATION, THE CURVATURE AND/OR DEFLECTION SHALL NOT EXCEED THE PARAMETERS ESTABLISHED IN THIS MANUAL.
16. ALL DAMAGE TO ORANGE COUNTY INFRASTRUCTURE, PIPELINES, AND ASSETS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE WITH AN APPROVED METHOD BY THE COUNTY. IF THE REPAIR IS NOT PERFORMED IN A TIMELY MANNER, AS DETERMINED BY THE ORANGE COUNTY UTILITY INSPECTOR, ORANGE COUNTY MAY PERFORM REPAIRS AND THE CONTRACTOR WILL BE CHARGED FOR ALL EXPENSES ASSOCIATED WITH THE REPAIR.
17. THE CONTRACTOR SHALL BE LIABLE FOR ANY AND ALL SANITARY SEWER OVERFLOWS (SSO) ASSOCIATED WITH THE WORK, REGARDLESS OF FAULT. THE CONTRACTOR WILL BE ASSESSED PENALTIES FOR ANY AND EACH SSO AS SPECIFIED IN SECTION 3110, GENERAL CONSTRUCTION REQUIREMENTS.

CONTRACTOR'S AS-BUILT

1. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL FURNISH THE OWNER'S ENGINEER WITH COMPLETE "AS-BUILT" INFORMATION, CERTIFIED BY A LICENSED LAND SURVEYOR CURRENTLY REGISTERED IN THE STATE OF FLORIDA. AT A MINIMUM, THIS "AS-BUILT" INFORMATION SHALL INCLUDE: TOP OF PIPE/INVERT ELEVATIONS AND HORIZONTAL LOCATIONS OF ALL WATER, SANITARY SEWER, AND RECLAIM WATER UTILITIES INSTALLED (AS APPLICABLE); PAVEMENT GRADE BREAK LOCATIONS AND SUFFICIENT ELEVATIONS OF FINISHED GRADE SURFACES WHICH ALLOW THE ENGINEER TO DETERMINE COMPLIANCE WITH THE PROPOSED DESIGN; TOP, GRATE, & INVERT ELEVATIONS OF THE STORMWATER COLLECTION SYSTEM, INCLUDING THE POND GRADES (TOP, BANK, BOTTOM), POND CONTROL STRUCTURE, & SWALES; ANY IMPROVEMENTS WITHIN FDOT OR COUNTY RIGHT-OF-WAYS.
2. THE DIGITAL "AS-BUILT" FILE, PROVIDED IN AUTOCAD .DWG FORMAT, SHALL ALSO BE PROVIDED IN THE FLORIDA STATE PLANE COORDINATE SYSTEM. NO ENGINEER'S CERTIFICATIONS OF COMPLETION OR REQUESTS FOR FINAL ACCEPTANCE WILL BE SUBMITTED UNTIL THIS INFORMATION HAS BEEN RECEIVED AND APPROVED BY THE OWNER'S ENGINEER.

Always call 811 two full business days before you dig to have underground utilities located and marked.



WINDERMERE
DOWNTOWN
PROPERTY

GENERAL NOTES

KHA PROJECT	149973004
DATE	07/11/2023
SCALE	AS SHOWN
DESIGNED BY	M/G
DRAWN BY	CML
CHECKED BY	M/G
DATE	---

LICENSED PROFESSIONAL
MARCUS I. BEIGER, P.E.
FL LICENSE NUMBER
89199



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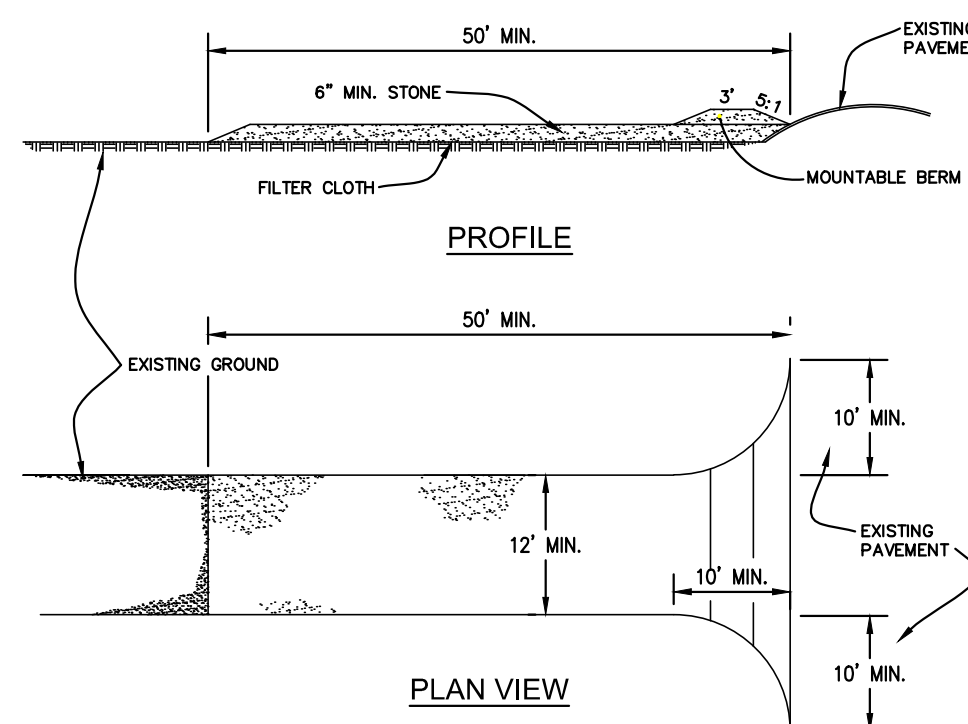
No.	REVISIONS	DATE	BY

TOWN OF WINDERMERE FL
SHEET NUMBER
C1.1

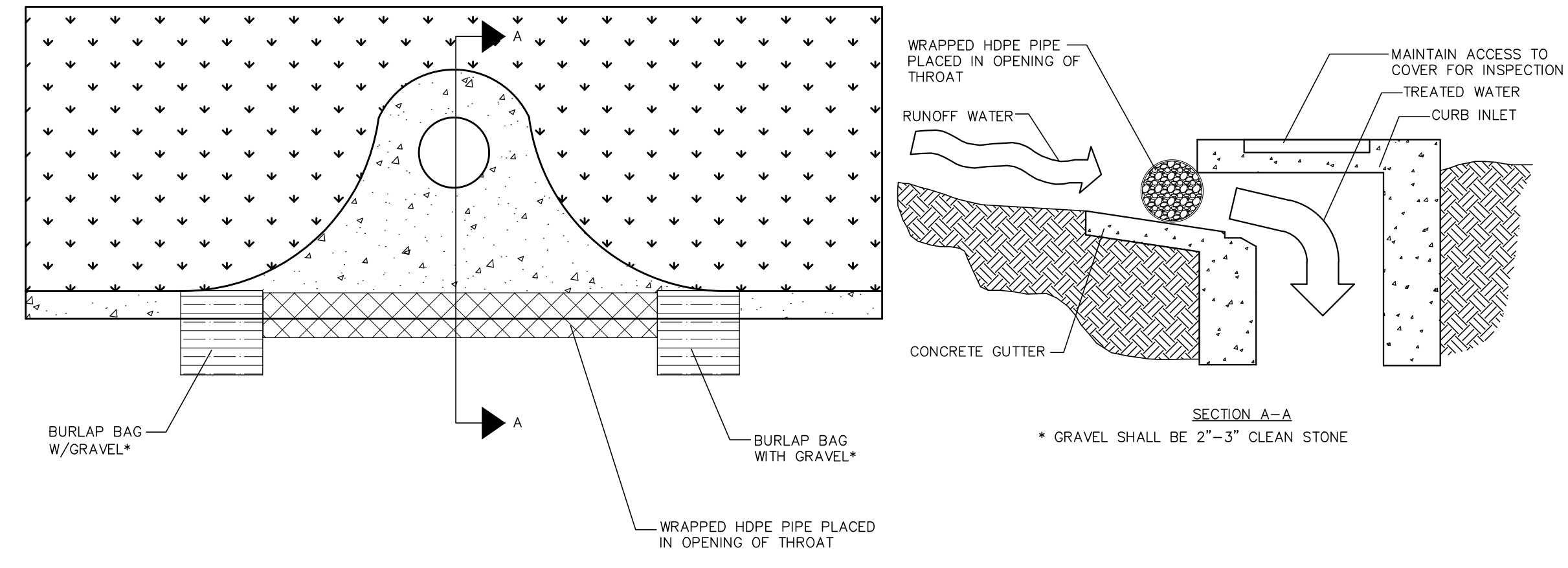
Plotted By: Lachey, Chance - Sheet Set: Windermere Downtown Property - Layout: C2.1 EROSION CONTROL DETAIL - July 31, 2023 - 04:51:28PM - K:\ORL-Civil\149972004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\C2.1 - ERD.dwg
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STABILIZED CONSTRUCTION ENTRANCE NOTES:

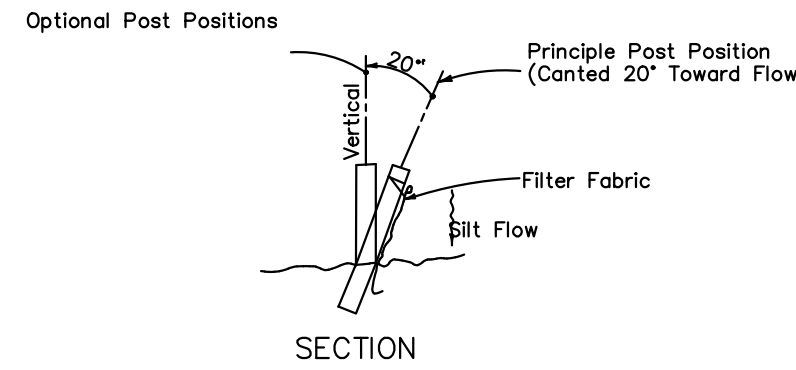
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA, PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVED SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



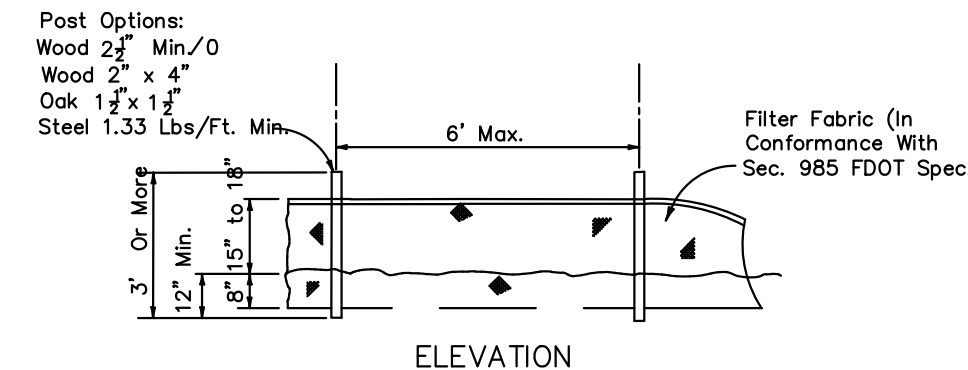
STABILIZED CONSTRUCTION ENTRANCE DETAIL
NTS



SOCK DRAIN INLET SEDIMENT FILTER
NTS

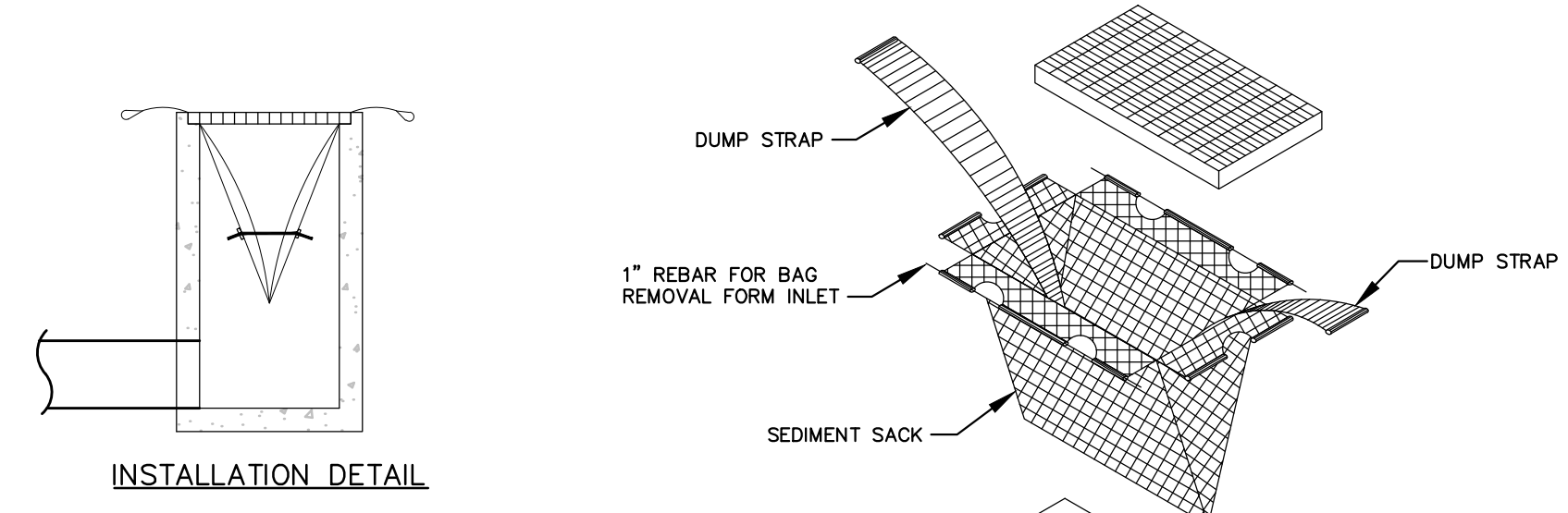


SECTION

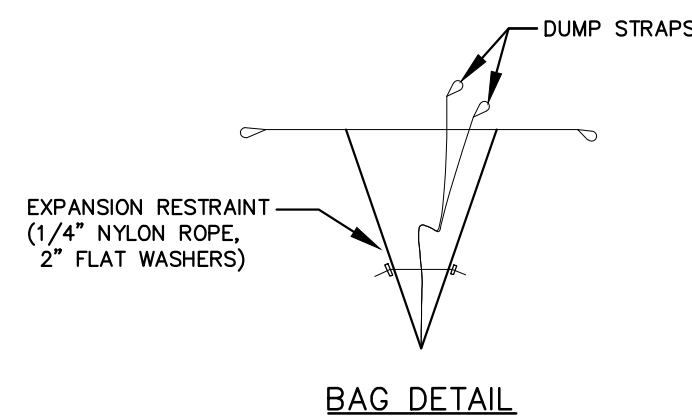


ELEVATION

TYPE III SILT FENCE
NTS

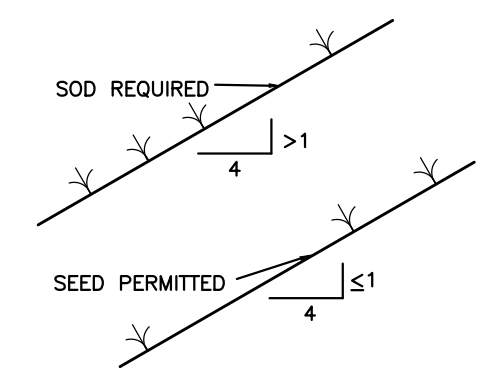


INSTALLATION DETAIL



BAG DETAIL

STANDARD INLET SEDIMENT CONTROL DEVICE
NTS

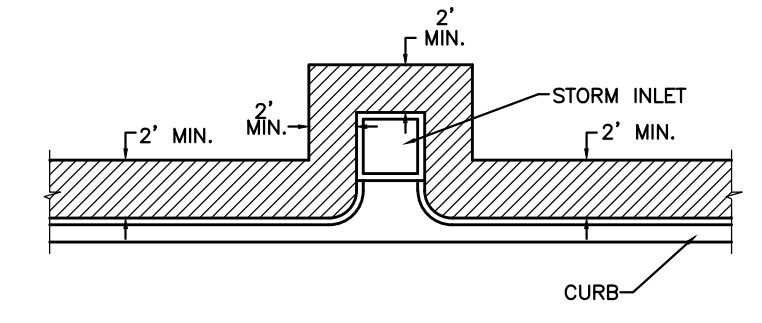


GRASS SLOPES
NTS

FIGURE 8

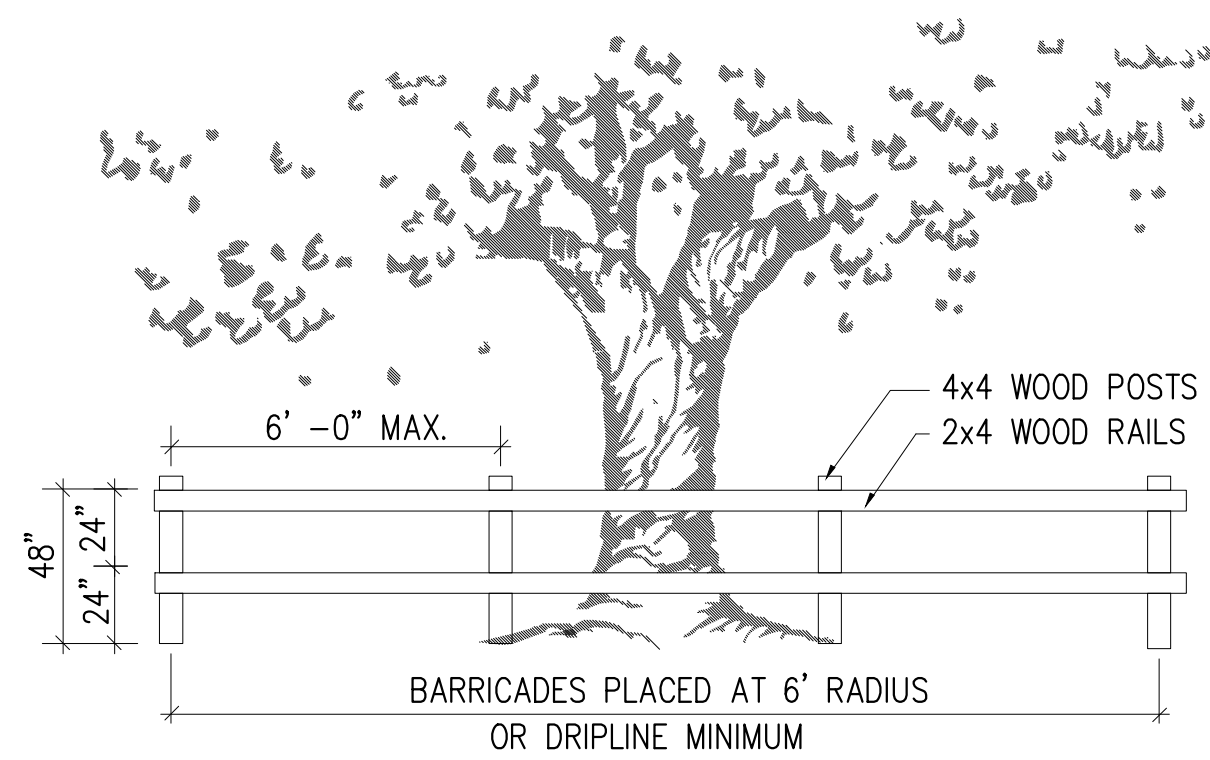
NOTES:

- 1) CONTRACTOR TO MAINTAIN DEBRIS ON-SITE, VEHICLES SHALL BE FREE OF EXCESS DEBRIS PRIOR TO ENTERING COUNTY RIGHT-OF-WAYS.
- 2) DURING ALL TIME OF CONSTRUCTION, THE CONTRACTOR MUST PROVIDE FILTER FABRIC AT ALL EXIST. OR PROP. CATCH BASIN TO PREVENT SYSTEM POLLUTION.
- 3) CONTRACTOR SHALL PROVIDE TRUCK WASH RACKS TO REMOVE CONSTRUCTION DEBRIS FROM VEHICLES PRIOR TO EGRESS.
- 4) DURING ALL TIME OF CONSTRUCTION, THE CONTRACTOR MUST PROVIDE SILT SCREENS AT CONSTRUCTION PERIMETER
- 5) UPON COMPLETION OF CONSTRUCTION, SYSTEM IS TO BE CLEANED BY "CAMELVAC" OR OTHER APPROVED SYSTEM TO THE SATISFACTION OF THE PROJECT ENGINEER AND COUNTY ENGINEER WHEN OR AFTER THE OVERALL SYSTEM IS CLEANED.
- 6) THE CONTRACTOR SHALL MAINTAIN THE FULL SET OF PLANS INCLUDING THESE POLLUTION PREVENTION REQUIREMENTS ON-SITE AT ALL TIMES.



SOD ALONG CURB AND AROUND INLET
NTS

FIGURE 7



TREE PROTECTION DETAIL
NTS

1. ORANGE CONSTRUCTION FENCING CAN BE USED IN LIEU OF WOOD FENCE PER ENGINEER'S REVIEW AND APPROVAL.
2. NO STOCKPILING OF MATERIAL, TRASH OR DEBRIS SHALL BE PERMITTED WITHIN THE BARRIER. CONTRACTOR SHALL ADJUST AND MAINTAIN BARRIER LIMITS AS NECESSARY TO ACCOMMODATE ADJACENT CONSTRUCTION AS DIRECTED BY OWNER. REMOVE PROTECTION AFTER OWNER'S FINAL ACCEPTANCE OF THE PROJECT.

No.	REVISIONS	DATE

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 PHONE: 407-898-1511
 WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT 149973004
 DATE 07/11/2023
 SCALE AS SHOWN
 DESIGNED BY M/G
 DRAWN BY CML
 CHECKED BY M/G

LICENSED PROFESSIONAL
 MARCUS I. REIBER, P.E.
 FL LICENSE NUMBER 89199

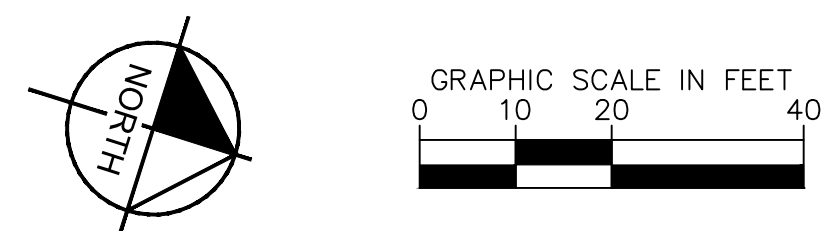
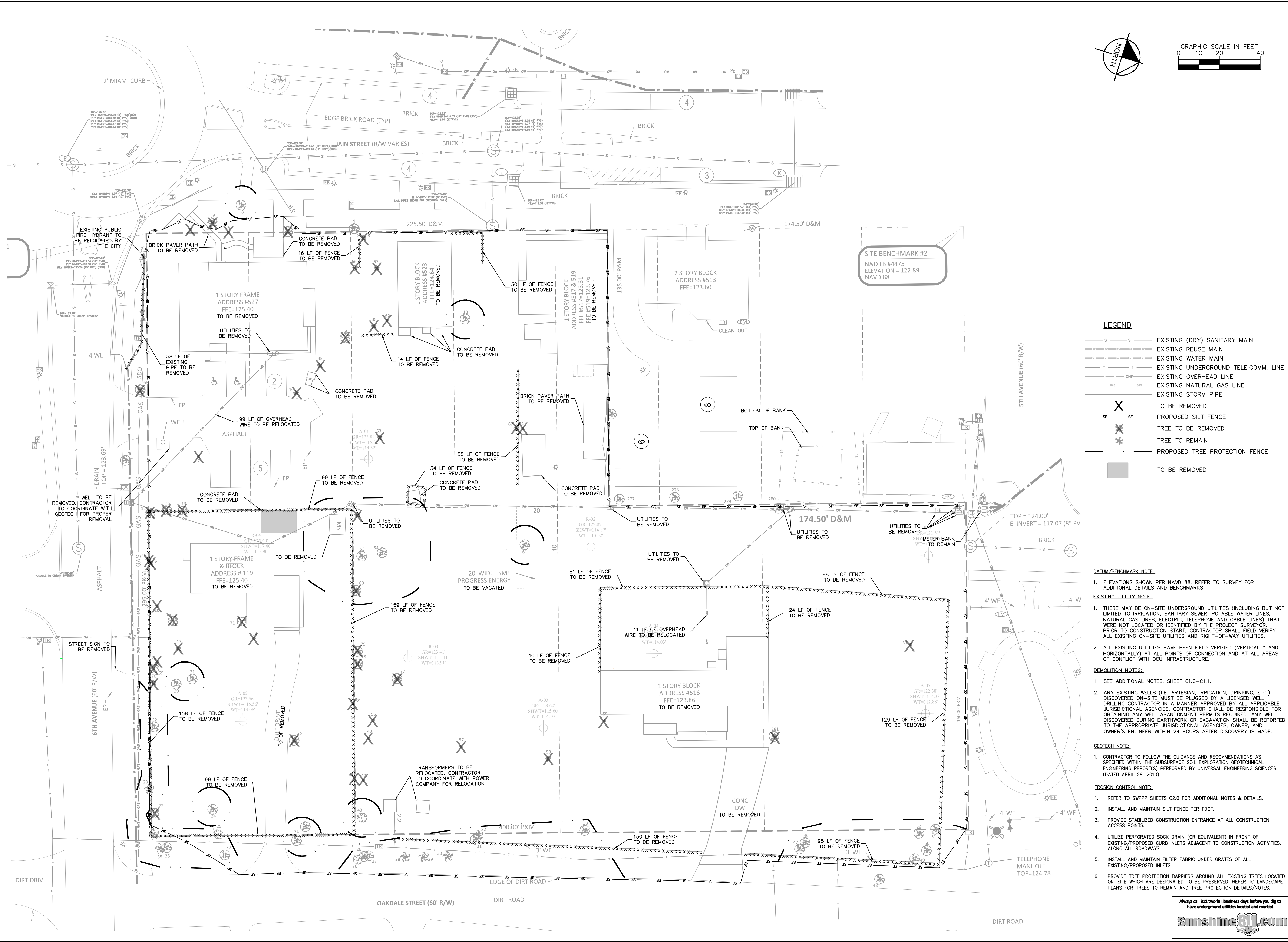
EROSION CONTROL DETAIL

WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE
 SHEET NUMBER C2.1

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Sunshine811.com

Plotted By: Lacey, Chance Sheet Set: Windermere Downtown Property Layout: C3.0 EXISTING CONDITIONS July 31, 2023 04:51:37pm K:\OR\GWA\49973004-Windermere Downtown Property\CADD\CONSTR\PlanSheet\C3.0 - EXCON.dwg This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



- LEGEND**
- EXISTING (DRY) SANITARY MAIN
 - EXISTING REUSE MAIN
 - EXISTING WATER MAIN
 - EXISTING UNDERGROUND TELE.COMM. LINE
 - EXISTING OVERHEAD LINE
 - EXISTING NATURAL GAS LINE
 - EXISTING STORM PIPE
 - TO BE REMOVED
 - PROPOSED SILT FENCE
 - TREE TO REMAIN
 - PROPOSED TREE PROTECTION FENCE
 - TO BE REMOVED

- DATE/BENCHMARK NOTE:**
- ELEVATIONS SHOWN PER NAVD 88. REFER TO SURVEY FOR ADDITIONAL DETAILS AND BENCHMARKS
- EXISTING UTILITY NOTE:**
- THERE MAY BE ON-SITE UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO IRRIGATION, SANITARY SEWER, POTABLE WATER LINES, NATURAL GAS LINES, ELECTRIC, TELEPHONE AND CABLE LINES) THAT WERE NOT LOCATED OR IDENTIFIED BY THE PROJECT SURVEYOR. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ON-SITE UTILITIES AND RIGHT-OF-WAY UTILITIES.
 - ALL EXISTING UTILITIES HAVE BEEN FIELD VERIFIED (VERTICALLY AND HORIZONTALLY) AT ALL POINTS OF CONNECTION AND AT ALL AREAS OF CONFLICT WITH OCU INFRASTRUCTURE.
- DEMOLITION NOTES:**
- SEE ADDITIONAL NOTES, SHEET C1.0-C1.1.
 - ANY EXISTING WELLS (I.E. ARTESIAN, IRRIGATION, DRINKING, ETC.) DISCOVERED ON-SITE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL APPLICABLE JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED. ANY WELL DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES, OWNER, AND OWNER'S ENGINEER WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
- GEOTECH NOTE:**
- CONTRACTOR TO FOLLOW THE GUIDANCE AND RECOMMENDATIONS AS SPECIFIED WITHIN THE SUBSURFACE SOIL EXPLORATION GEOTECHNICAL ENGINEERING REPORT(S) PERFORMED BY UNIVERSAL ENGINEERING SCIENCES. (DATED APRIL 28, 2010).
- EROSION CONTROL NOTE:**
- REFER TO SWPPP SHEETS C2.0 FOR ADDITIONAL NOTES & DETAILS.
 - INSTALL AND MAINTAIN SILT FENCE PER FDOT.
 - PROVIDE STABILIZED CONSTRUCTION ENTRANCE AT ALL CONSTRUCTION ACCESS POINTS.
 - UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. ALONG ALL ROADWAYS.
 - INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF ALL EXISTING/PROPOSED INLETS.
 - PROVIDE TREE PROTECTION BARRIERS AROUND ALL EXISTING TREES LOCATED ON-SITE WHICH ARE DESIGNATED TO BE PRESERVED. REFER TO LANDSCAPE PLANS FOR TREES TO REMAIN AND TREE PROTECTION DETAILS/NOTES.

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LICENSED PROFESSIONAL
 MARCUS I. BEIGER, P.E.
 SCALE AS SHOWN
 DESIGNED BY M/G
 DRAWN BY CML
 CHECKED BY M/G DATE: _____

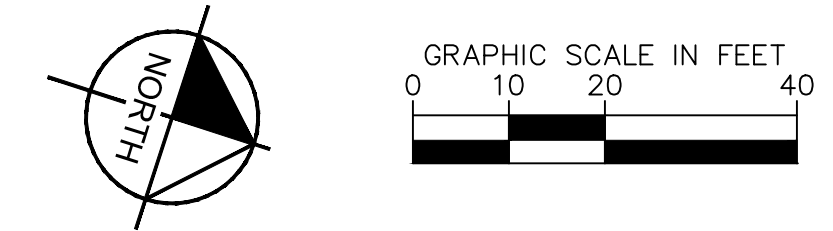
KHA PROJECT
 149973004
 DATE
 07/11/2023
 SCALE AS SHOWN
 DESIGNED BY M/G
 DRAWN BY CML
 CHECKED BY M/G DATE: _____

FL
 TOWN OF WINDERMERE
 SHEET NUMBER
C3.0

REVISIONS
 No. _____ DATE _____

**EXISTING
 CONDITIONS**

Plotted By: Lacey, Chance - Sheet Set: Windermere Downtown Property - Layout: C4.0 - SITE PLAN - July 31, 2023 04:51:52pm - K:\VDR-Civil\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\C3.0 - SITE PLAN.dwg
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OVERALL SITE DATA:
PROJECT AREA: 2.17 ACRES (94,401 SF)
ZONING: PD - PLANNED DEVELOPMENT
FUTURE LAND USE: TOWN CENTER OVERLAY COMMERCIAL
PROPOSED USE: COMMERCIAL
MAXIMUM BUILDING HEIGHT: 35 FEET

BUILDING COVERAGE:
BUILDING AREA: 19,575 SF (0.45 AC)
MAXIMUM ALLOWABLE F.A.R.: 0.30
F.A.R. (21,750 SF/94,401 SF): 0.21

SETBACKS

STREET	BUILDING	PAVING
OAKDALE STREET (EAST)	N/A	20 FT
6TH AVENUE (SOUTH)	10 FT MAX	20 FT
5TH AVENUE (NORTH)	0 FT	5 FT TO PARKING
MAIN STREET (WEST)	0 FT	15 FT (TO B.O.C.)

IMPERVIOUS CALCULATIONS

MAXIMUM ALLOWABLE IMPERVIOUS AREA (80%):	1.74 AC
BUILDING AREA:	0.45 AC
ASPHALT/CONCRETE AREA:	0.59 AC
TOTAL IMPERVIOUS AREA:	1.04 AC (47.9%)

REQUIRED PARKING:

4 SPACES / 1000 GSF:	79 SPACES
19,575 GSF / (4 SPACES / 1000 GSF):	79 SPACES
TOTAL PARKING SPACES REQUIRED:	79 SPACES

PROVIDED PARKING:

REGULAR SPACES (9'x18.5'):	76 SPACES
HANDICAP SPACES:	3 SPACES
TOTAL SPACES PROVIDED:	79 SPACES

COMMERCIAL REQUIRED BICYCLE PARKING:

REQUIRED: 0.10 PER REQUIRED PARKING SPACE 0.10 X 79:	8 SPACES
TOTAL SPACES PROVIDED:	8 SPACES

NO.	REVISIONS	DATE

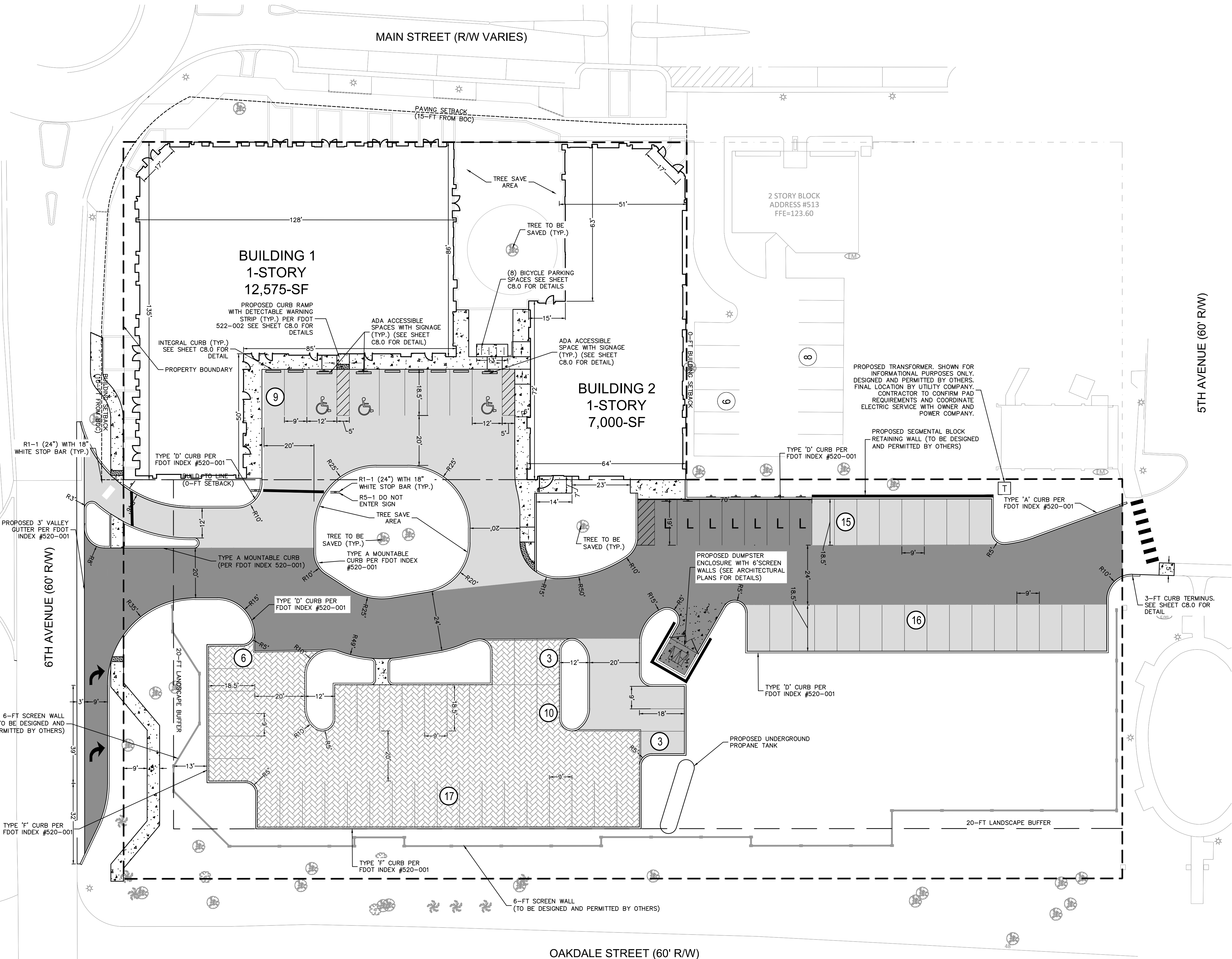
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LICENSED PROFESSIONAL	MARCUS I. BEIBER, P.E.
FL LICENSE NUMBER	89199
CHECKED BY	M/G
DRAWN BY	CML
SCALE	AS SHOWN
DATE	07/11/2023
PROJECT	149973004

SITE PLAN

WINDERMERE DOWNTOWN PROPERTY
TOWN OF WINDERMERE, FL

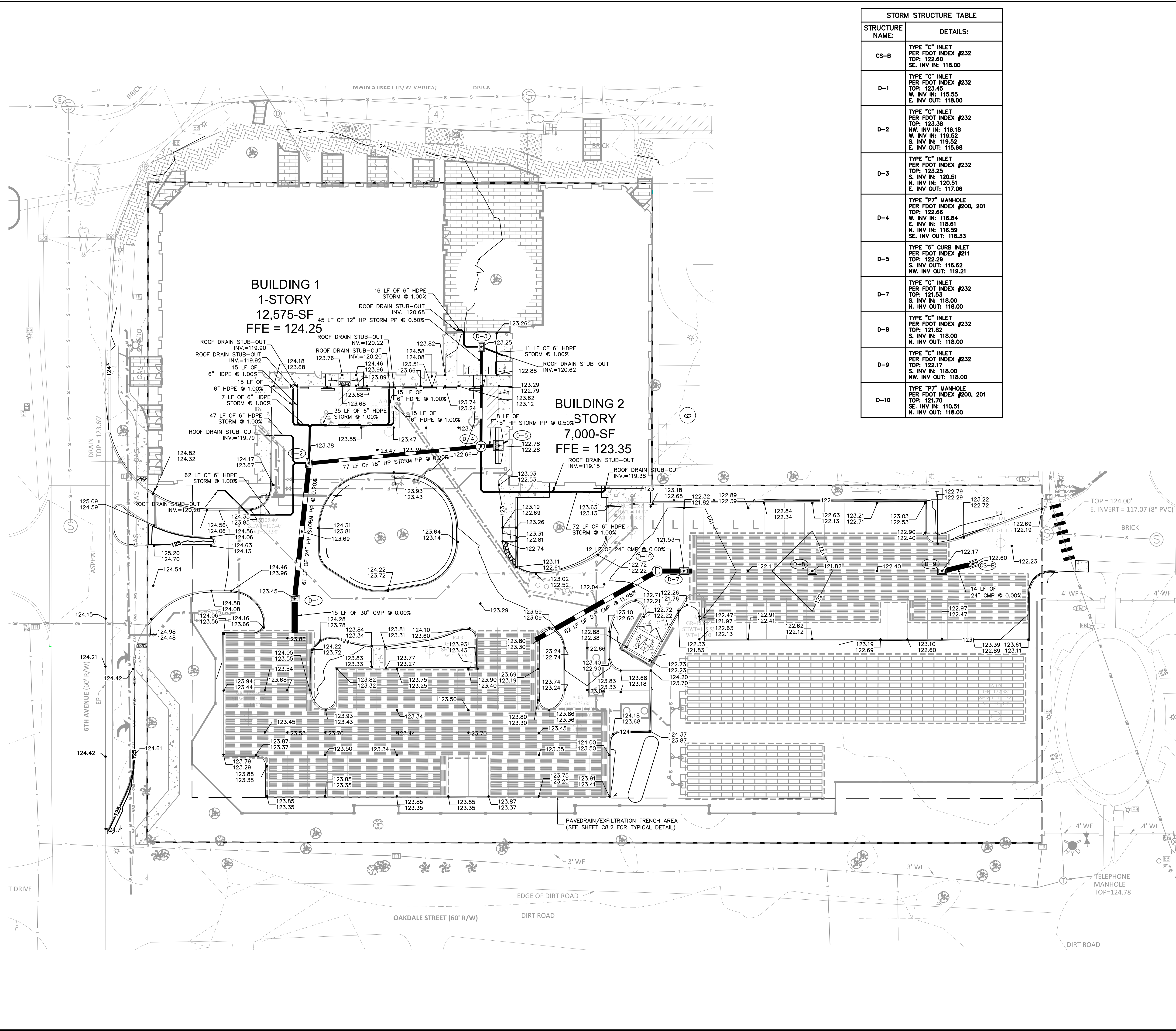
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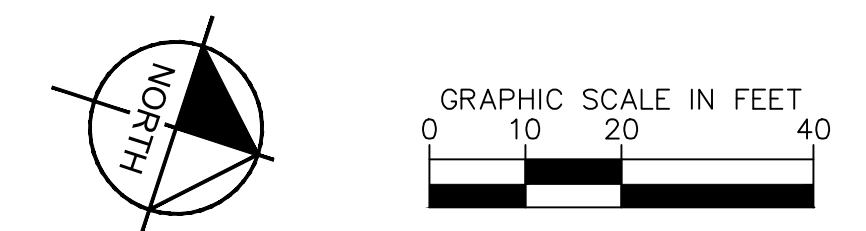
LEGEND

(Dashed line)	PROPERTY BOUNDARY
(Hatched pattern)	PROPOSED PAVEDRAIN/RETENTION TRENCH AREA (SEE SHEET C8.0 FOR DETAIL)
(Dark grey fill)	PROPOSED HEAVY DUTY ASPHALT PAVEMENT (SEE SHEET C8.0 FOR DETAIL)
(Light grey fill)	PROPOSED LIGHT DUTY ASPHALT PAVEMENT (SEE SHEET C8.0 FOR DETAIL)
(White fill with 'L')	DUAL USE PARKING SPACE WITH SIGNAGE DEPICTING HOURS FOR PARKING
(White fill with dots)	PROPOSED CONCRETE PAVEMENT (SEE SHEET C8.0 FOR DETAIL)

Plotted By: Lacey, Chance - Sheet Set: Windermere Downtown Property - Layout: C5.0 GRADING AND DRAINAGE PLAN - July 31, 2023 - 04:52:12pm - K:\ORL-Civil\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\C5.0 - PAVING, GRADING, AND DRAINAGE PLAN.dwg
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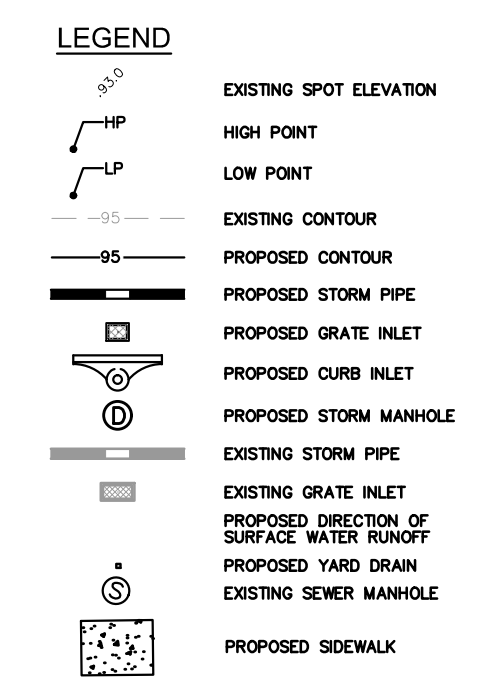
STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
CS-B	TYPE "C" INLET PER FDOT INDEX #232 TOP: 122.60 SE. INV IN: 118.00
D-1	TYPE "C" INLET PER FDOT INDEX #232 TOP: 123.45 W. INV IN: 115.55 E. INV OUT: 118.00
D-2	TYPE "C" INLET PER FDOT INDEX #232 TOP: 123.38 NW. INV IN: 116.18 W. INV IN: 119.52 S. INV IN: 119.52 E. INV OUT: 115.68
D-3	TYPE "C" INLET PER FDOT INDEX #232 TOP: 123.25 S. INV IN: 120.51 N. INV IN: 120.51 E. INV OUT: 117.06
D-4	TYPE "P7" MANHOLE PER FDOT INDEX #200, 201 TOP: 122.66 W. INV IN: 116.84 E. INV IN: 118.61 N. INV IN: 116.69 SE. INV OUT: 116.33
D-5	TYPE "6" CURB INLET PER FDOT INDEX #211 TOP: 122.29 S. INV OUT: 116.62 NW. INV OUT: 119.21
D-7	TYPE "C" INLET PER FDOT INDEX #232 TOP: 121.53 S. INV IN: 118.00 N. INV OUT: 118.00
D-8	TYPE "C" INLET PER FDOT INDEX #232 TOP: 122.17 S. INV IN: 118.00 N. INV OUT: 118.00
D-9	TYPE "C" INLET PER FDOT INDEX #232 TOP: 122.17 S. INV IN: 118.00 NW. INV OUT: 118.00
D-10	TYPE "P7" MANHOLE PER FDOT INDEX #200, 201 TOP: 121.70 SE. INV IN: 110.51 N. INV OUT: 118.00



- NOTES:**
- ALL STORM DRAIN INLETS CONSTRUCTED AS PART OF NEW DEVELOPMENT PROJECTS IN ORANGE COUNTY SHALL HAVE METAL MEDALLION INLET MARKERS INSTALLED. TEXT ON THE MARKER SHALL BE EVENLY SPACED AND READ "NO DUMPING, ONLY RAIN IN THE DRAIN". MARKERS MUST BE COMMERCIAL GRADE STAINLESS STEEL, ALUMINUM, BRASS OR BRONZE AND EITHER STAMPED FROM SHEET METAL OR CAST. METAL MARKER COLOR MUST BE NON-REFLECTIVE BLUE OR GREEN. AQUATIC CREATURE OR SYMBOL SHOWN ON MARKER SHALL BE CONSISTENT THROUGHOUT THE SUBDIVISION. MARKERS MUST BE AFFIXED TO A CLEAN, PREPARED SURFACE WITH ADHESIVES, FASTENERS, OR HEAT AS RECOMMENDED BY THE MANUFACTURER. MARKERS SHALL BE ALIGNED WITH THE CENTER OF DRAINAGE INLETS AT THE TOP OF THE CURB. LETTERING MUST BE BETWEEN 0.4 - 0.5 INCHES AND THE TOTAL DIAMETER OF THE MARKER BETWEEN 3.75 - 4.25 INCHES.

- VERTICAL INFORMATION SHOWN HEREON BASED ON NAVD88.
- PRIOR TO THE START OF LAND DISTURBING ACTIVITIES, WHICH INCLUDES DEMOLITION, EARTHWORK AND/OR CONSTRUCTION, THE DEVELOPER/CONTRACTOR SHALL PREPARE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND SUBMIT TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) A NOTICE OF INTENT (NOI) TO OBTAIN COVERAGE UNDER THE NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (CGP) PURSUANT TO THE REQUIREMENTS OF 62-621.300(4)(A) F.A.C. A COPY OF THE NOI SHALL BE SUBMITTED TO THE ORANGE COUNTY ENVIRONMENTAL PROTECTION DIVISION (OC EPD). COPIES OF THE SWPPP, NOI, AND FDEP ACKNOWLEDGEMENT LETTER ARE TO BE KEPT ON THE PROJECT SITE AND MADE AVAILABLE UPON REQUEST. UPON COMPLETION OF ALL LAND DISTURBING ACTIVITIES AND AFTER FINAL STABILIZATION OF THE SITE IS COMPLETE, THE DEVELOPER/CONTRACTOR SHALL SUBMIT TO FDEP A NOTICE OF TERMINATION (NOT) TO END THEIR COVERAGE UNDER THE CGP AND PROVIDE A COPY OF THE NOT TO OC EPD.
 - THE SITE SHALL BE STABILIZED FOLLOWING CLEARING, GRUBBING, EARTH WORK OR MASS GRADING TO ESTABLISH A DENSE STAND OF GRASS, OR SHALL INCORPORATE OTHER APPROVED BEST MANAGEMENT PRACTICES, ON ALL DISTURBED AREAS IF DEVELOPMENT DOES NOT BEGIN WITHIN 7 DAYS. FINAL STABILIZATION SHALL ACHIEVE 100% COVERAGE AND A MINIMUM OF 70% DENSITY OF THE DISTURBED LAND AREA AND SHALL INCLUDE A MAINTENANCE PROGRAM TO ENSURE MINIMUM COVERAGE SURVIVAL AND OVERALL SITE STABILIZATION UNTIL SITE DEVELOPMENT.
 - DISCHARGE OF GROUNDWATER FROM DEWATERING OPERATIONS REQUIRES APPROVAL FROM FDEP AND THE APPLICABLE WATER MANAGEMENT DISTRICT. THE DEVELOPER/CONTRACTOR SHALL OBTAIN AND FDEP GENERIC PERMIT FOR THE DISCHARGE OF GROUND WATER FROM DEWATERING OPERATIONS PURSUANT TO THE REQUIREMENTS OF 62-621.300(2)(A) AND 62-620 F.A.C. AND FLORIDA STATUTES CHAPTER 403. DISCHARGE DIRECTED TO THE COUNTY'S MSA REQUIRE AN ORANGE COUNTY RIGHT-OF-WAY UTILIZATION PERMIT FOR DEWATERING PRIOR TO THE START OF ANY DISCHARGES. TO OBTAIN RIGHT-OF-WAY APPROVAL, COPIES OF THE FDEP PERMIT, NOI, DOCUMENTATION SHOWING DEWATERING AT THE SITE IS NOT WITHIN 500 FT OF KNOWN CONTAMINATION, AND A DEWATERING PLAN SHALL BE SUBMITTED TO ALEXIS CLARK, ORANGE COUNTY ENVIRONMENTAL PROTECTION DIVISION (407-836-1433) AND ORANGE COUNTY PUBLIC WORKS DEVELOPMENT ENGINEERING PERMITTING SECTION. ANALYTICAL SAMPLING OF GROUNDWATER MAY BE REQUESTED BY ORANGE COUNTY ON A CASE-BY-CASE BASIS TO CONFIRM SITE CONTAMINATION STATUS.
 - THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING FDEP GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY IN ACCORDANCE WITH FLORIDA ADMINISTRATIVE CODE 62-621.300(2) AND 62-620, AND FLORIDA STATUTES CHAPTER 403.
 - THE RIGHT-OF-WAY AND ADJACENT PROPERTIES SHALL BE RESTORED TO EQUAL OR BETTER CONDITIONS.
 - PROVIDE A 6 FOOT HIGH SCREEN FENCE FOR DUST ABATEMENT ON ALL PROPERTY LINES ADJACENT TO ROADS.
 - REFER TO TREE MITIGATION PLANS FOR TREE REMOVAL DETAILS.

- GEOTECHNICAL NOTE:**
- CONTRACTOR TO FOLLOW THE GUIDANCE AND RECOMMENDATIONS AS SPECIFIED WITHIN THE SUBSIDIARY SOIL EXPLORATION GEOTECHNICAL ENGINEERING REPORT(S) PERFORMED BY UNIVERSAL ENGINEERING SCIENCES (DATED APR. 28, 2010)
- PAVEDRAIN GENERAL NOTES:**
- REFER TO PAVEDRAIN SPECIFICATIONS AND DETAILS, SHEETS C8.0.
 - ALL PAVEDRAIN PAYER SYSTEMS SHALL BE CONSTRUCTED NOT TO EXCEED MAX. 1.0% SLOPE (ANY DIRECTION).
 - SEE SHEET C8.3 FOR EXFILTRATION JUNCTION DETAILS
- IMPORT FILL NOTES:**
- IMPORT FILL PLACED ON SITE SHALL BE A SOIL WITH LESS THAN 5% FINES WITH A HORIZONTAL PERMEABILITY OF NO LESS THAN 20 FT/DAY.
 - PRIOR TO IMPORT FILL PROCUREMENT, CONTRACTOR SHALL PROVIDE SOILS REPORT AND SPECIFICATIONS OF THE PROPOSED FILL FOR REVIEW BY E.C.S. FLORIDA, LLC (GEOTECHNICAL ENGINEER) AND ENGINEER OF RECORD. PROVIDED FILL SHALL MEET OR EXCEED THE HYDRAULIC CONDUCTIVITY OF THE EXISTING IN SITU SOILS.



- DATUM/BENCHMARKS:**
- ELEVATIONS SHOWN PER NAVD 88. REFER TO SURVEY FOR ADDITIONAL DETAILS AND BENCHMARKS.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE

KHA PROJECT 149973004

DATE 07/11/2023

SCALE AS SHOWN

DESIGNED BY M/G

DRAWN BY CML

CHECKED BY M/G

DATE:

LICENSED PROFESSIONAL

MARCUS I. DEIBER, P.E.

FL LICENSE NUMBER 89199

SHEET NUMBER

C5.0

REVISIONS

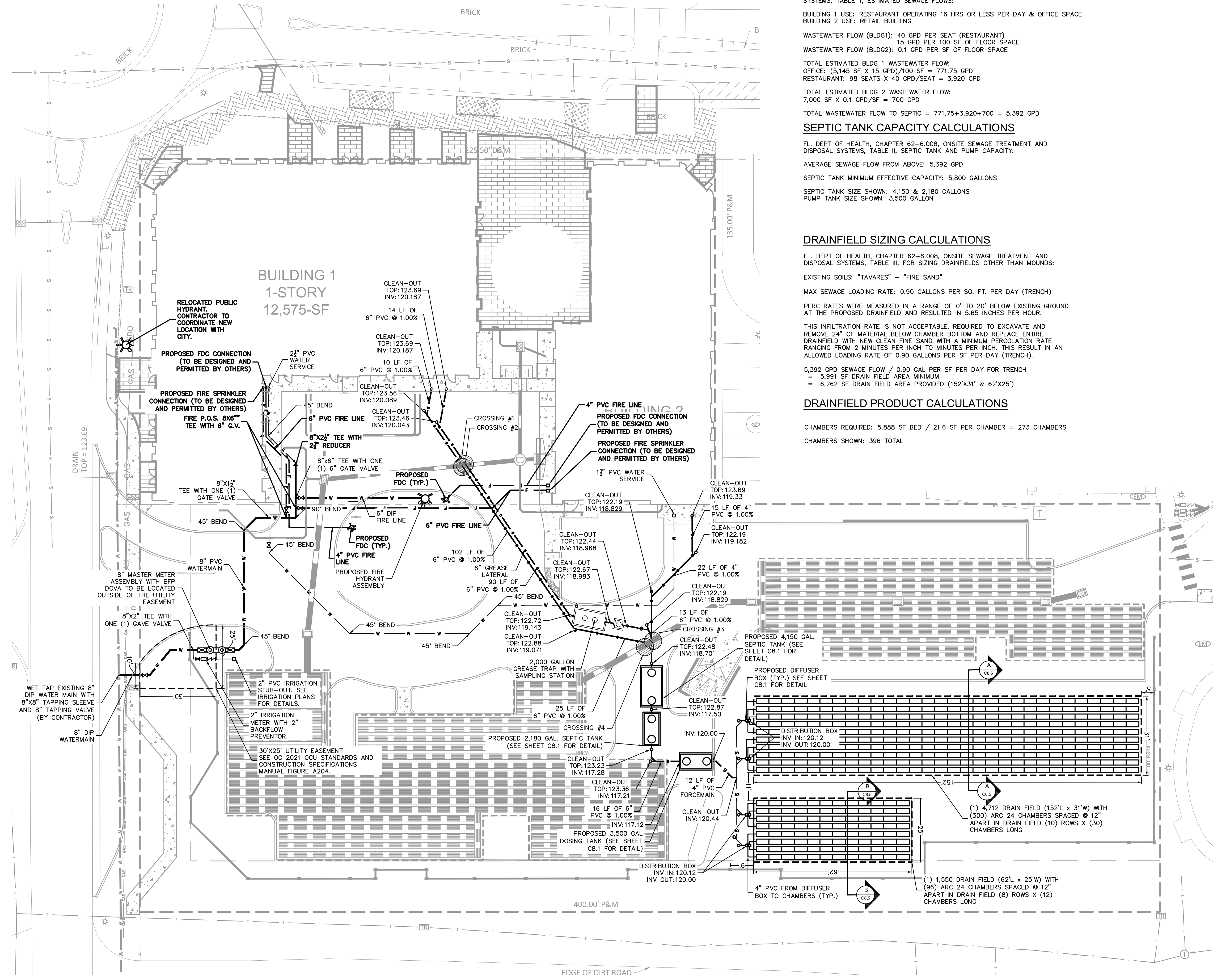
NO.

DATE

KIMLEY-HORN

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Plotted By: Lacey, Chance Sheet Set: Windermere Downtown Property Layout: C6.0 UTILITY PLAN July 31, 2023 04:52:34pm K:\VRL\Civil\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\C6.0 - UTILITY PLAN.dwg
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SEWAGE FLOW CALCULATIONS

FL. DEPT OF HEALTH, CHAPTER 64E-6, ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS, TABLE 1, ESTIMATED SEWAGE FLOWS:
 BUILDING 1 USE: RESTAURANT OPERATING 16 HRS OR LESS PER DAY & OFFICE SPACE
 BUILDING 2 USE: RETAIL BUILDING
 WASTEWATER FLOW (BLDG1): 40 GPD PER SEAT (RESTAURANT) 15 GPD PER 100 SF OF FLOOR SPACE
 WASTEWATER FLOW (BLDG2): 0.1 GPD PER SF OF FLOOR SPACE
 TOTAL ESTIMATED BLDG 1 WASTEWATER FLOW: OFFICE: (5,145 SF X 15 GPD)/100 SF = 771.75 GPD RESTAURANT: 98 SEATS X 40 GPD/SEAT = 3,920 GPD
 TOTAL ESTIMATED BLDG 2 WASTEWATER FLOW: 7,000 SF X 0.1 GPD/SF = 700 GPD
 TOTAL WASTEWATER FLOW TO SEPTIC = 771.75+3,920+700 = 5,392 GPD

SEPTIC TANK CAPACITY CALCULATIONS

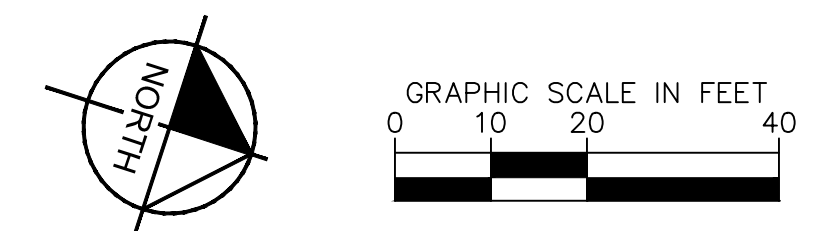
FL. DEPT OF HEALTH, CHAPTER 62-6.008, ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS, TABLE II, SEPTIC TANK AND PUMP CAPACITY:
 AVERAGE SEWAGE FLOW FROM ABOVE: 5,392 GPD
 SEPTIC TANK MINIMUM EFFECTIVE CAPACITY: 5,800 GALLONS
 SEPTIC TANK SIZE SHOWN: 4,150 & 2,180 GALLONS
 PUMP TANK SIZE SHOWN: 3,500 GALLON

DRAINFIELD SIZING CALCULATIONS

FL. DEPT OF HEALTH, CHAPTER 62-6.008, ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS, TABLE III, FOR SIZING DRAINFIELDS OTHER THAN MOUNDS:
 EXISTING SOILS: "TAVARES" - "FINE SAND"
 MAX SEWAGE LOADING RATE: 0.90 GALLONS PER SQ. FT. PER DAY (TRENCH)
 PERC RATES WERE MEASURED IN A RANGE OF 0' TO 20' BELOW EXISTING GROUND AT THE PROPOSED DRAINFIELD AND RESULTED IN 5.65 INCHES PER HOUR.
 THIS INFILTRATION RATE IS NOT ACCEPTABLE, REQUIRED TO EXCAVATE AND REMOVE 24" OF MATERIAL BELOW CHAMBER BOTTOM AND REPLACE ENTIRE DRAINFIELD WITH NEW CLEAN FINE SAND WITH A MINIMUM PERCOLATION RATE RANGING FROM 2 MINUTES PER INCH TO MINUTES PER INCH. THIS RESULT IN AN ALLOWED LOADING RATE OF 0.90 GALLONS PER SF PER DAY (TRENCH).
 5,392 GPD SEWAGE FLOW / 0.90 GAL PER SF PER DAY FOR TRENCH = 5,991 SF DRAIN FIELD AREA MINIMUM
 = 6,262 SF DRAIN FIELD AREA PROVIDED (152'X31' & 62'X25')

DRAINFIELD PRODUCT CALCULATIONS

CHAMBERS REQUIRED: 5,888 SF BED / 21.6 SF PER CHAMBER = 273 CHAMBERS
 CHAMBERS SHOWN: 396 TOTAL



LEGEND

- EXISTING SANITARY MAIN
- EXISTING REUSE MAIN
- EXISTING WATER MAIN
- EXISTING UNDERGROUND TELE.COMM. LINE
- EXISTING OVERHEAD LINE
- EXISTING FIBER OPTIC LINE
- EXISTING NATURAL GAS LINE
- EXISTING STORM PIPE
- PROPOSED WATER LINE
- PROPOSED POTABLE WATER SERVICE
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED SANITARY SEWER
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SERVICE
- PROPOSED STORM PIPE
- PROPOSED STORM INLET

GENERAL UTILITY NOTES:

1. PRIOR TO CONSTRUCTION START, CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF EXISTING FIBER OPTIC CABLES, UNDERGROUND ELECTRIC LINES, AND UNDERGROUND TELECOM LINES. CONTRACTOR TO COORDINATE SERVICE LINE ADJUSTMENTS WITH RESPECTIVE SERVICE PROVIDER AND OWNER. BOX ADJUSTMENTS AND SERVICE LINES SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED BY OTHERS.
2. PRIOR TO CONSTRUCTION START, CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF EXISTING NATURAL GAS LINES. CONTRACTOR TO COORDINATE SERVICE LINE, VALVE, AND/OR BOX ADJUSTMENTS WITH SERVICE PROVIDER AND OWNER. SERVICE LINES SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED BY OTHERS.
3. CONTRACTOR TO COORDINATE PROPOSED TRANSFORMER LOCATIONS AND ELECTRIC SERVICE WITH POWER COMPANY AND OWNER. TRANSFORMERS AND SERVICE LINES SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED BY OTHERS.
4. PRIOR TO CONSTRUCTION START, THE CONTRACTOR SHALL BE RESPONSIBLE TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH ORANGE COUNTY UTILITIES (OCU) AND TOWN OF WINDERMERE. CIVIL ENGINEER OF RECORD TO BE PRESENT AT PRE-CON MEETING.
5. ALL EXISTING UTILITIES HAVE BEEN FIELD VERIFIED (VERTICALLY AND HORIZONTALLY) AT ALL POINTS OF CONNECTION AND AT ALL AREAS OF CONFLICT WITH OCU INFRASTRUCTURE.

POTABLE WATER & SANITARY WASTEWATER UTILITY NOTES:

1. ALL POTABLE WATER AND SANITARY WASTEWATER UTILITIES SHALL BE IN ACCORDANCE WITH ORANGE COUNTY UTILITIES (OCU) STANDARDS, SPECIFICATIONS, AND DETAILS, 2021 ED. CONTRACTOR SHALL BE RESPONSIBLE TO BE FAMILIAR WITH THESE STANDARDS.
2. ALL CLEAN-OUTS WITHIN ASPHALT AND/OR CONCRETE AREAS SHALL BE H-20 TRAFFIC BEARING.

GENERAL FIRE SERVICE NOTES:

1. ALL UNDERGROUND MAINS SERVING FIRE HYDRANTS OR FIRE PROTECTION SPRINKLER SYSTEMS ON PRIVATE PROPERTY MUST BE PERMITTED PRIOR TO INSTALLATION. THE DRAWING SHALL INDICATE THAT ALL UNDERGROUND FIRE MAINS WILL BE INSTALLED IN ACCORDANCE WITH NFPA 24 (2013 EDITION), "STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES". [F.A.C. 69A-60.005(2)]
2. ALL FIRE SERVICE MAIN LOCATED DOWNSTREAM OF THE FIRE POINT OF SERVICE (POS) SHALL BE INSTALLED BY A QUALIFIED AND LICENSED CONTRACTOR. CONSTRUCTION AND MATERIALS SHALL COMPLY WITH APPLICABLE FIRE CODE. CONTRACTOR TO VERIFY REQUIREMENTS WITH ORANGE COUNTY UTILITIES DEPARTMENT PRIOR TO SHOP DRAWING REVIEW.
3. FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED NOT MORE THAN 100 FT FROM THE NEAREST FIRE HYDRANT. [NFPA 14: 6.3.5.4]
4. PROVIDE SIGNAGE, INDICATING ITS LOCATION AND THE BUILDING IT SERVICES, FOR ALL PROPOSED FIRE DEPARTMENT CONNECTIONS (F.D.C.).
5. PRIOR TO FIRE INSTALLATION, THE FLORIDA LICENSED CONTRACTOR SHALL SUBMIT LAYOUT DESIGN DRAWINGS TO THE OFFICE OF THE FIRE MARSHAL. IF REQUIRED BY FLORIDA STATUTE 553.79, DRAWINGS MUST BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER. THE DRAWINGS MUST SHOW ALL UNDERGROUND FIRE LINES AND COMPONENTS STARTING FROM THE POINT OF SERVICE AS DEFINED UNDER FLORIDA STATUTE 663.102. THE DESIGN SHALL BE IN ACCORDANCE TO THE CURRENT FLORIDA FIRE PREVENTION CODE AND ALL ADOPTED NFPA CODES AND STANDARDS.

DATUM NOTE:
 ELEVATIONS BASED ON NAVD 88 DATUM

Always call 811 two full business days before you dig to have underground utilities located and marked.



WINDERMERE DOWNTOWN PROPERTY

CROSSING (#)	TOP PIPE			BOTTOM PIPE			CLEARANCE (FT)	
	TYPE	SIZE (IN)	INVERT	BOTTOM	TYPE	SIZE (IN)		CROWN
1	SSWR PVC	6	119.86	119.83	STRMHP	18	117.92	1.91
2	SSWR PVC	6	119.84	119.816	STRMHP	18	117.92	1.90
3	SSWR PVC	6	118.79	118.764	STRMHP	24	116.28	2.48
4	SSWR PVC	6	118.78	118.753	STRMHP	24	116.51	2.24

WINDERMERE DOWNTOWN PROPERTY

UTILITY PLAN

TOWN OF WINDERMERE

NO. _____

REVISIONS

DATE

SHEET NUMBER

C6.0

FLORIDA LICENSED PROFESSIONAL ENGINEER

MARCUS I. BEIGER, P.E.

DATE: 07/11/2023

SCALE: AS SHOWN

DESIGNED BY: M/G

DRAWN BY: CML

CHECKED BY: M/G

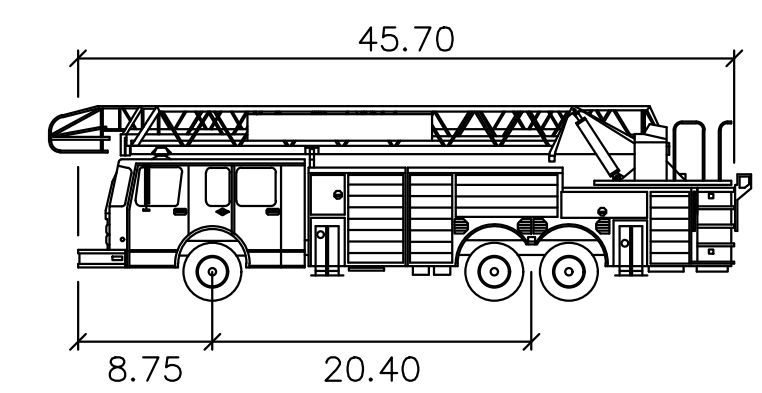
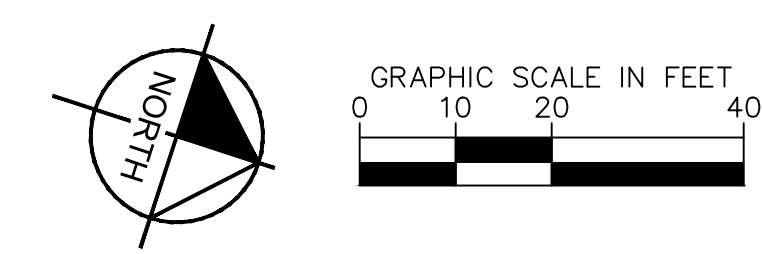
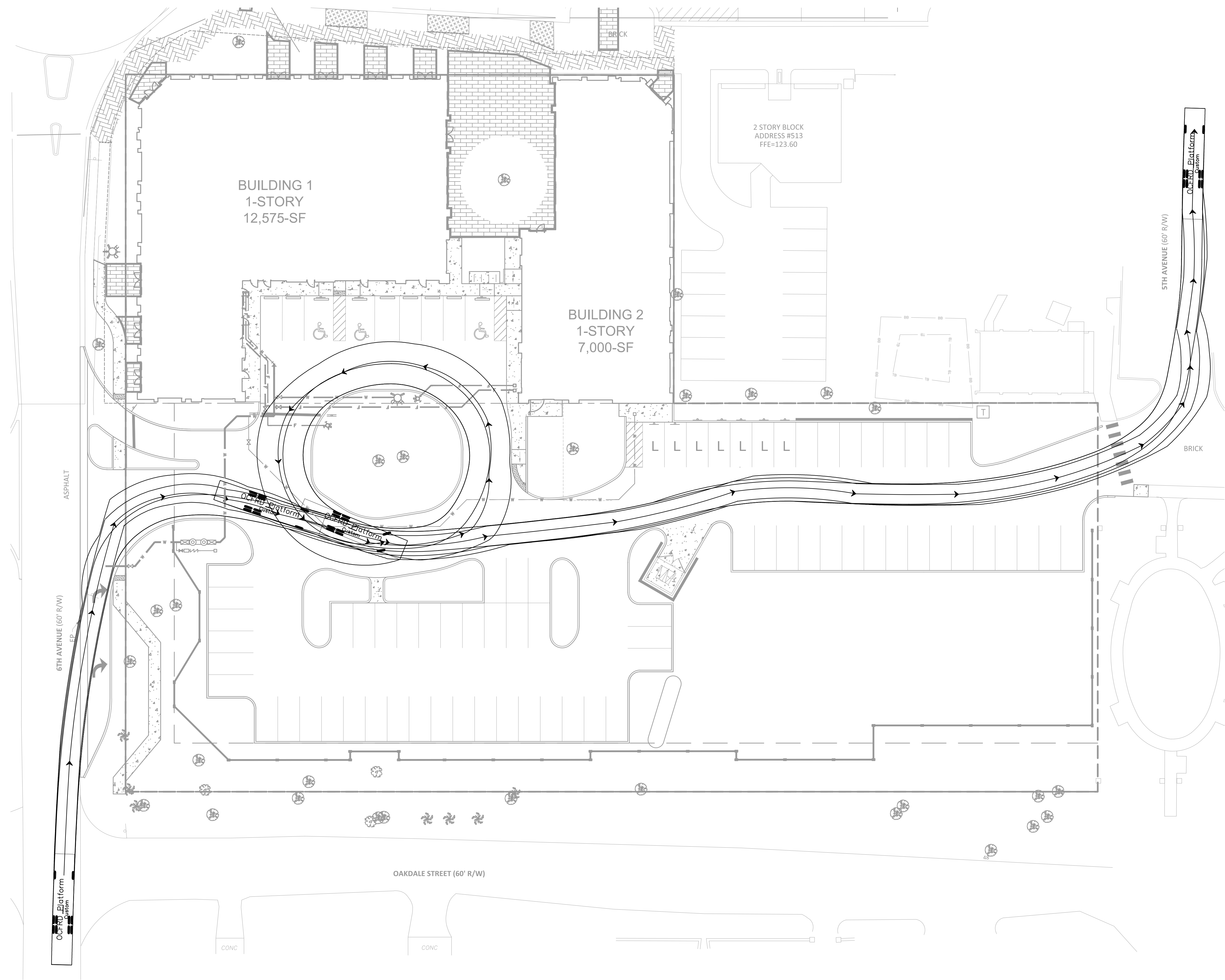
DATE: _____

KHA PROJECT 149973004

LICENSED PROFESSIONAL

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 PHONE: 407-898-1511
 WWW.KIMLEY-HORN.COM CA 00000696

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OCFRD Platform
 feet
 Width : 8.33
 Track : 8.33
 Lock to Lock Time : 6.0
 Steering Angle : 44.2

No.	REVISIONS	DATE	BY

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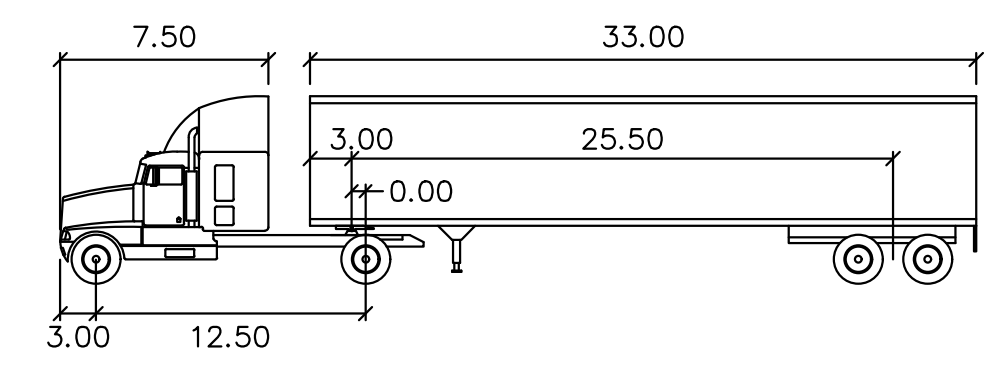
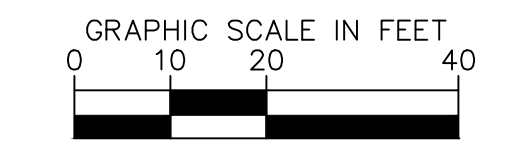
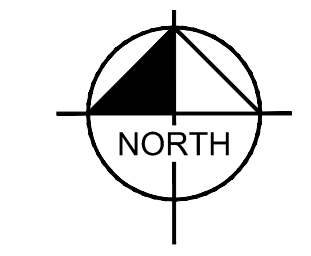
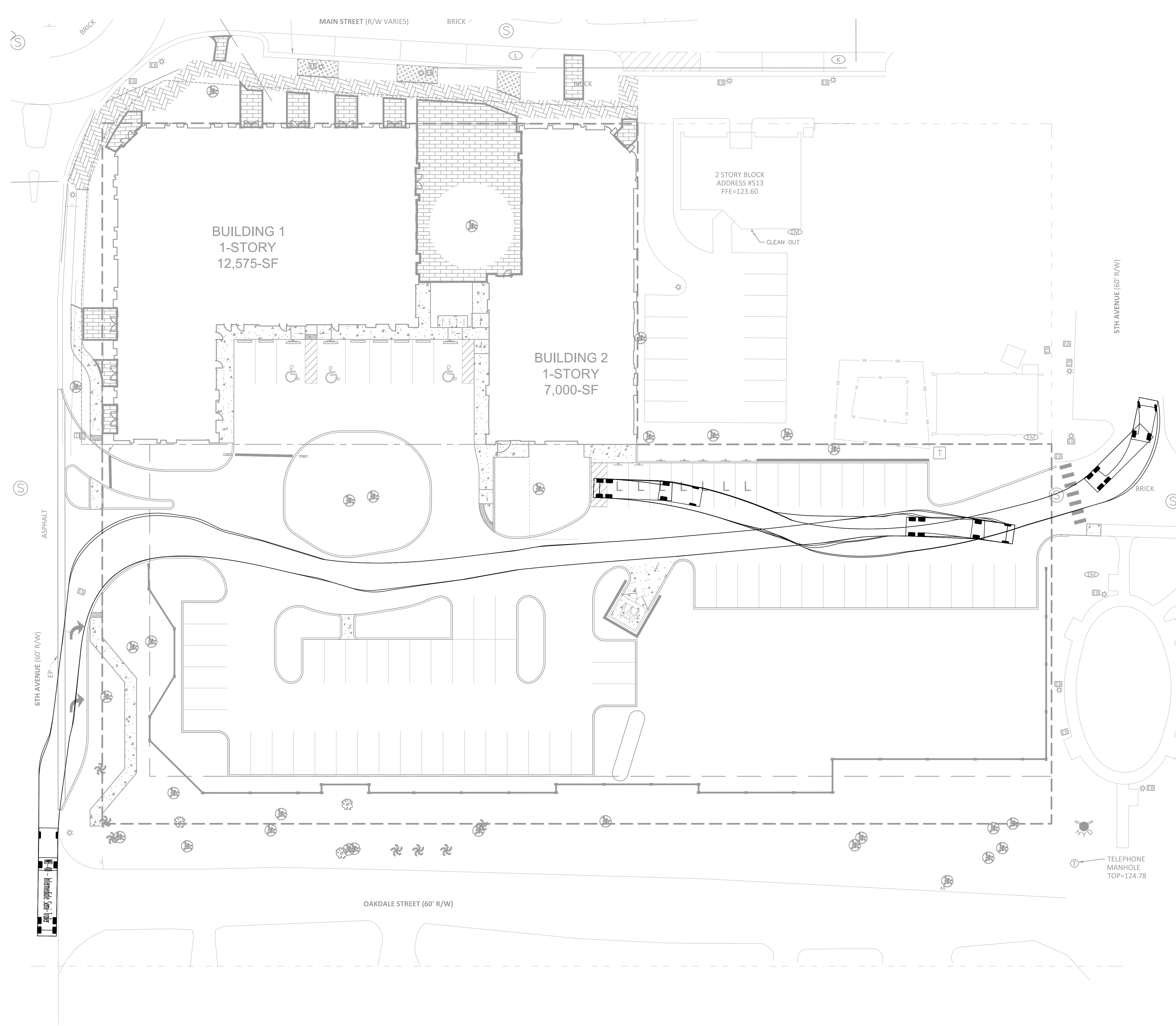
LICENSED PROFESSIONAL	MARCUS I. DEIBER, P.E.
KHA PROJECT	149973004
DATE	07/11/2023
SCALE	AS SHOWN
DESIGNED BY	M/G
DRAWN BY	CML
CHECKED BY	M/G
DATE	

TRUCK ROUTING PLAN

WINDERMERE DOWNTOWN PROPERTY
 TOWN OF WINDERMERE FL

SHEET NUMBER
C7.0

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WB-40

feet			
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.00	Steering Angle	: 20.3
Tractor Track	: 8.00	Articulating Angle	: 70.0
Trailer Track	: 8.00		

No.	REVISIONS	DATE	BY

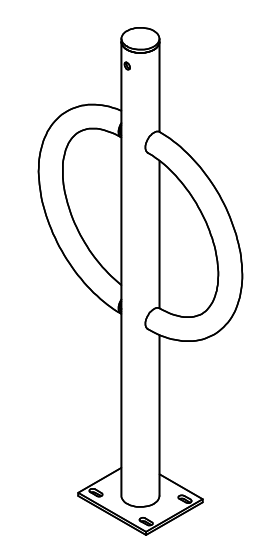
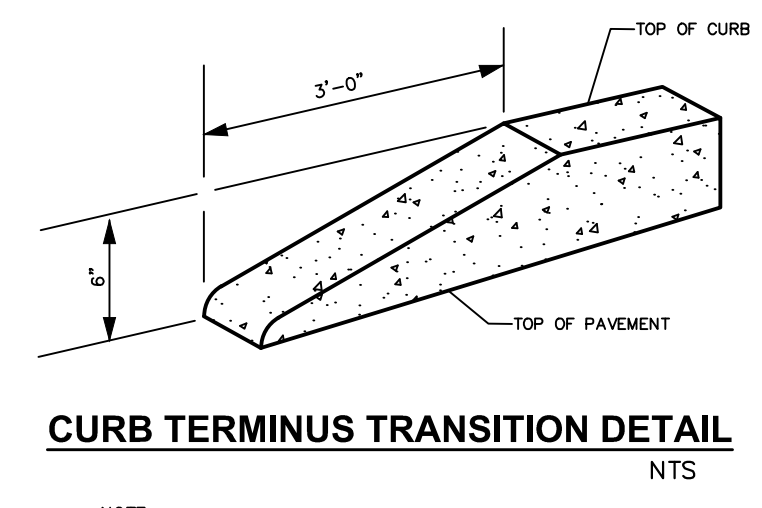
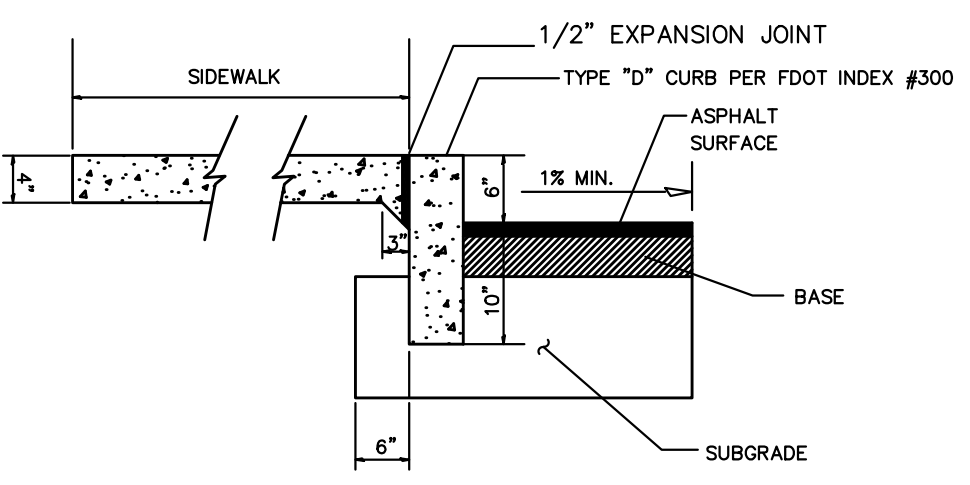
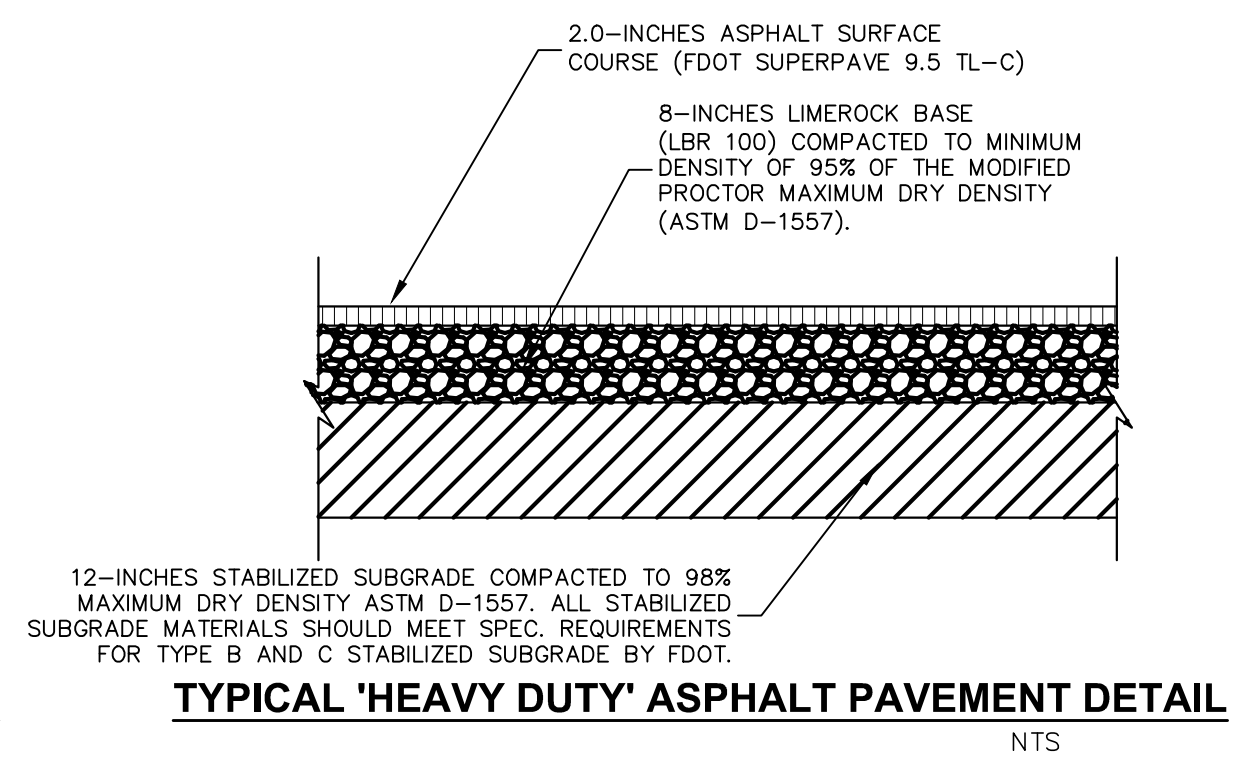
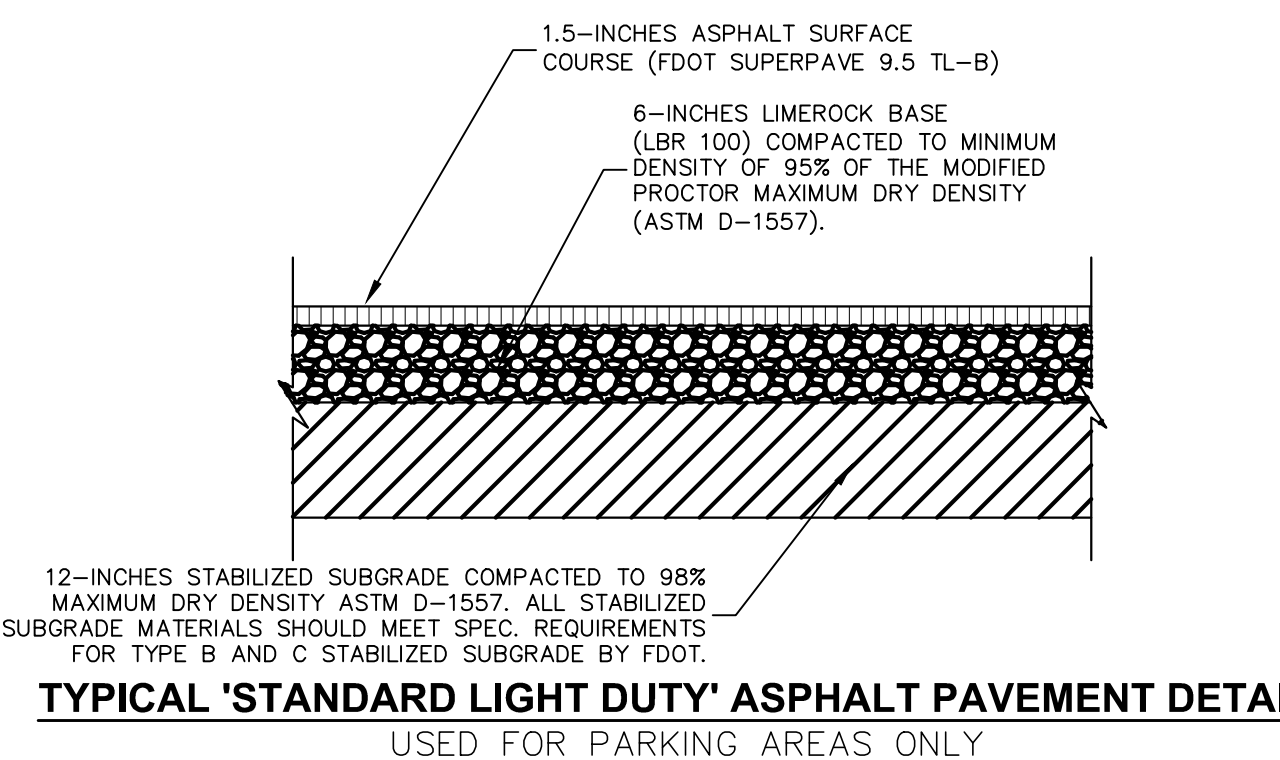
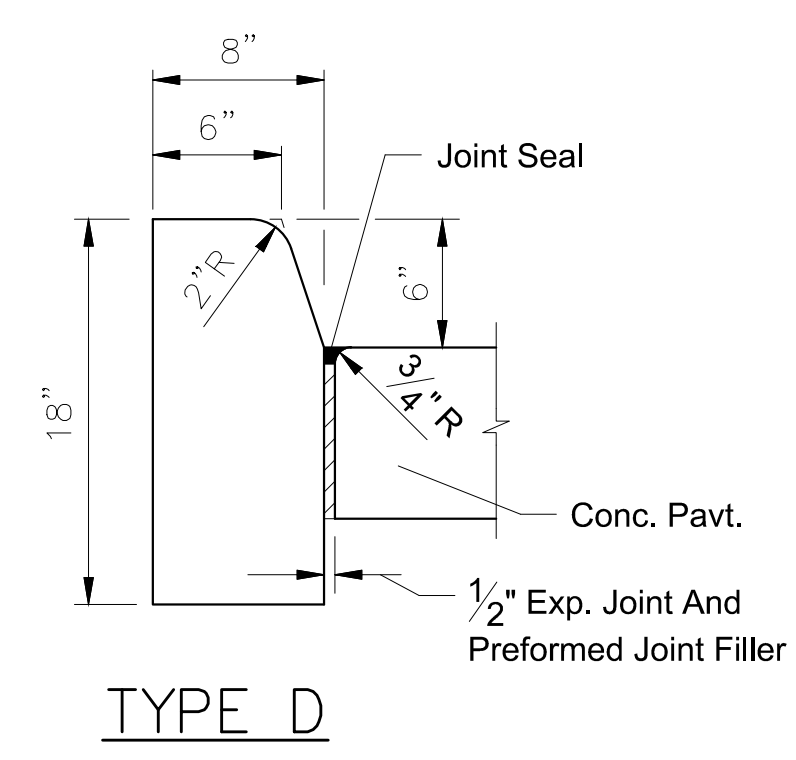
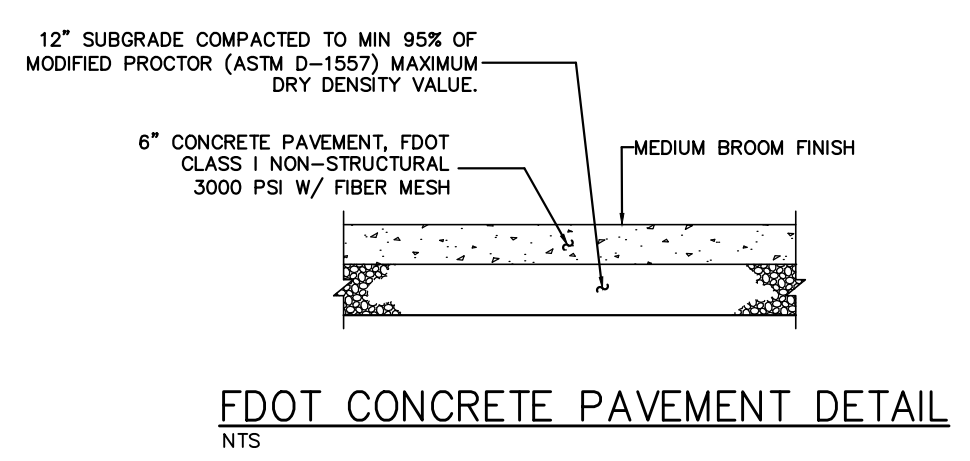
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DATE	07/11/2023
SCALE AS SHOWN	M/G
DESIGNED BY	M/G
DRAWN BY	CML
CHECKED BY	M/G
LICENSED PROFESSIONAL	MARCUS I. DEIBER, P.E.
FL LICENSE NUMBER	89199
M/G DATE	----

TRUCK ROUTING PLAN

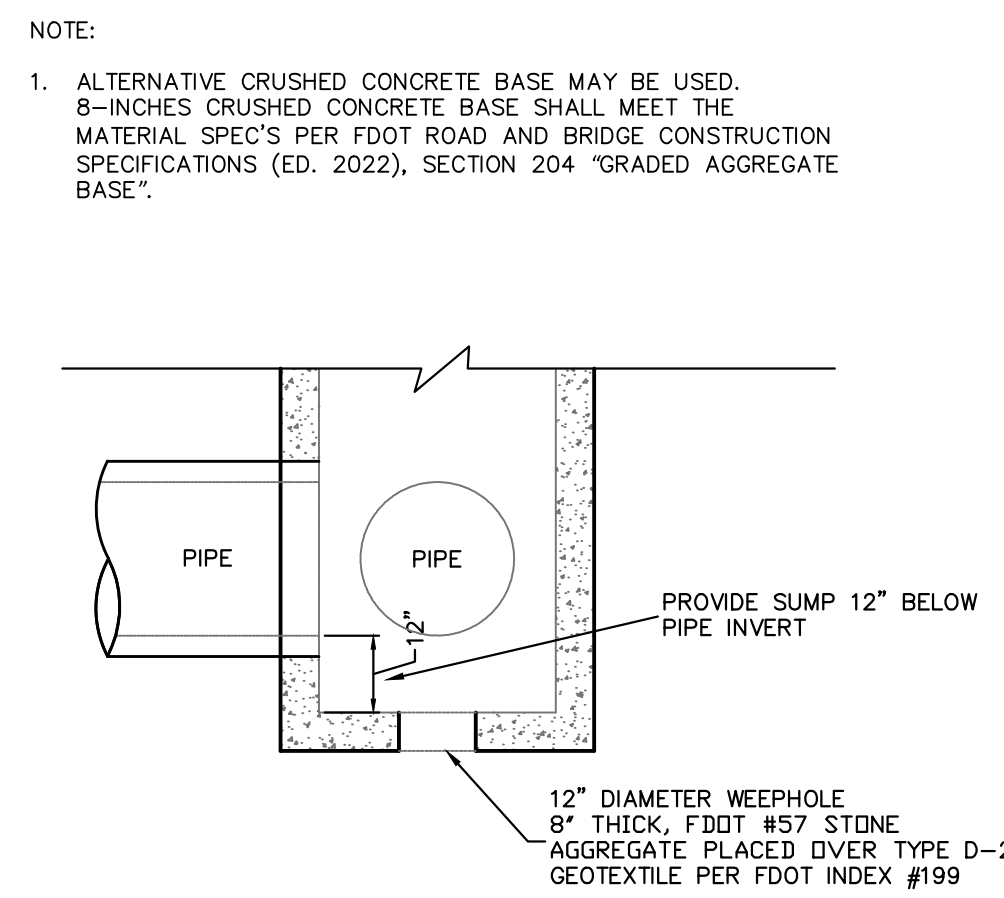
WINDERMERE DOWNTOWN PROPERTY
 TOWN OF WINDERMERE FL

Plotted By: Lacey, Chance - Sheet Set: Windermere Downtown Property - Layout: C8.0 - GENERAL CONSTRUCTION DETAILS - July 31, 2023 - 04:52:59pm - K:\ORL\Civil\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\C8.0 - GENERAL CONSTRUCTION DETAILS.dwg - This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

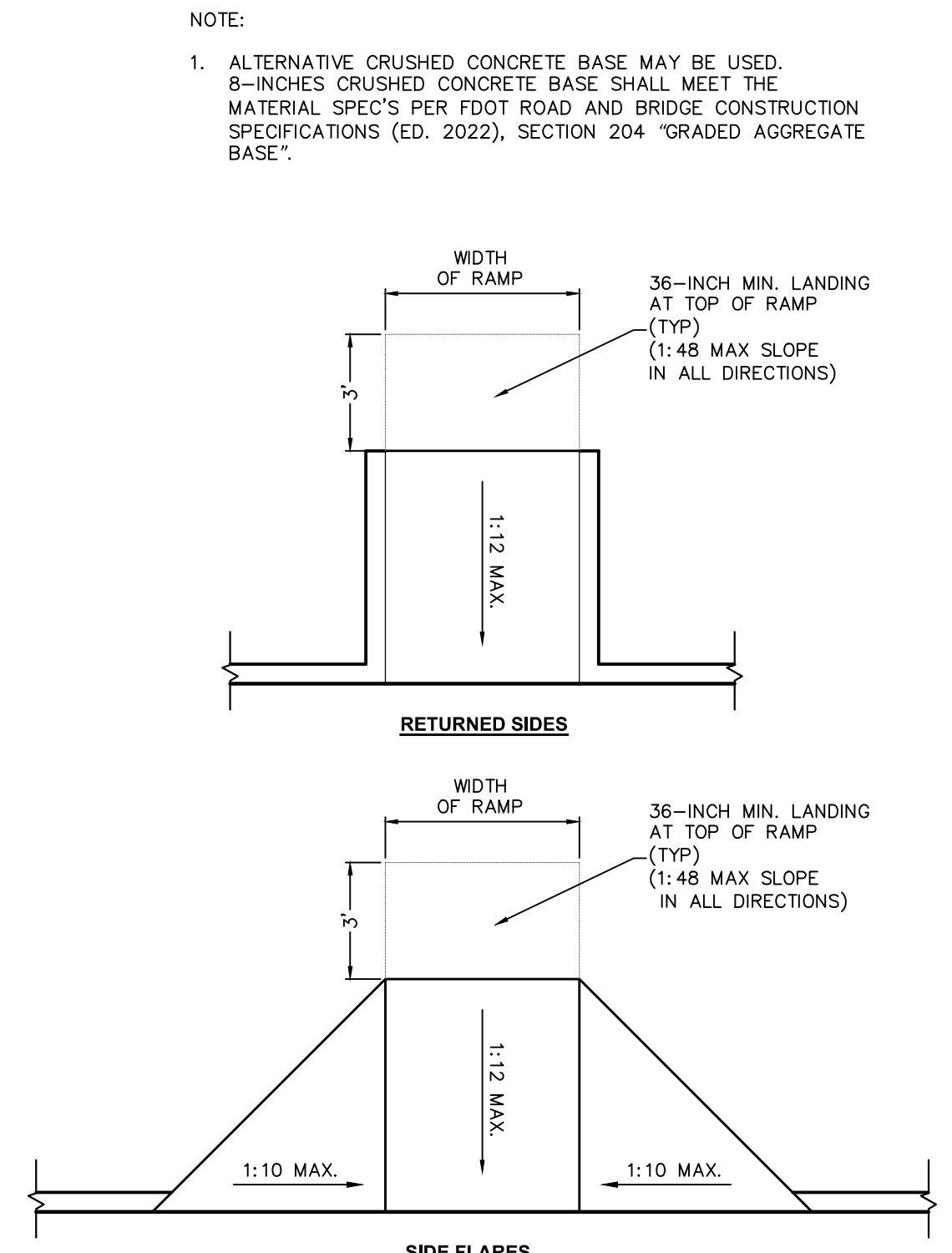


PRODUCT: DERO BIKE HITCH (OR EQUIVALENT)
 FINISH: STAINLESS STEEL (OR OWNER APPROVED)
 NOTE: INSTALL PER MANUFACTURER'S SPECIFICATIONS
 WWW.DERO.COM
 1-800-298-4915

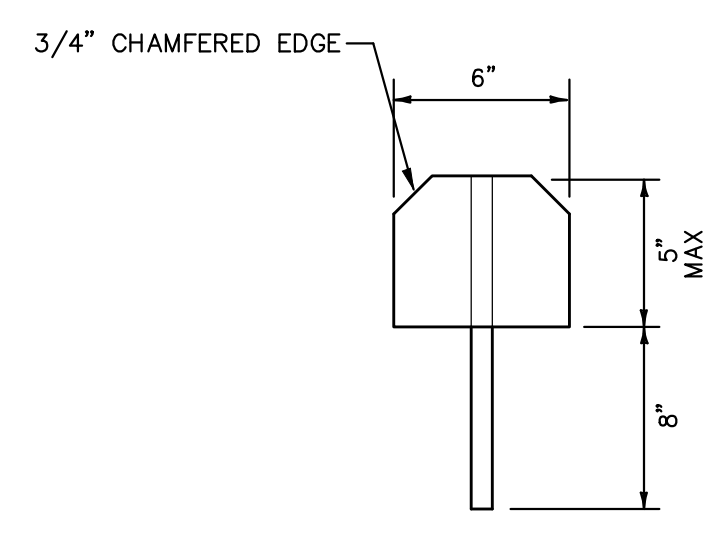
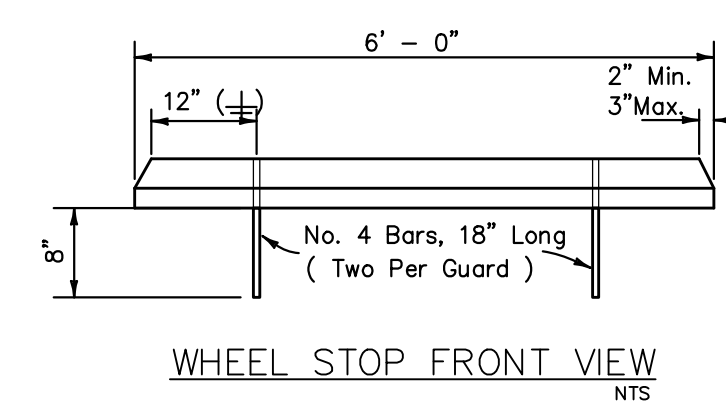
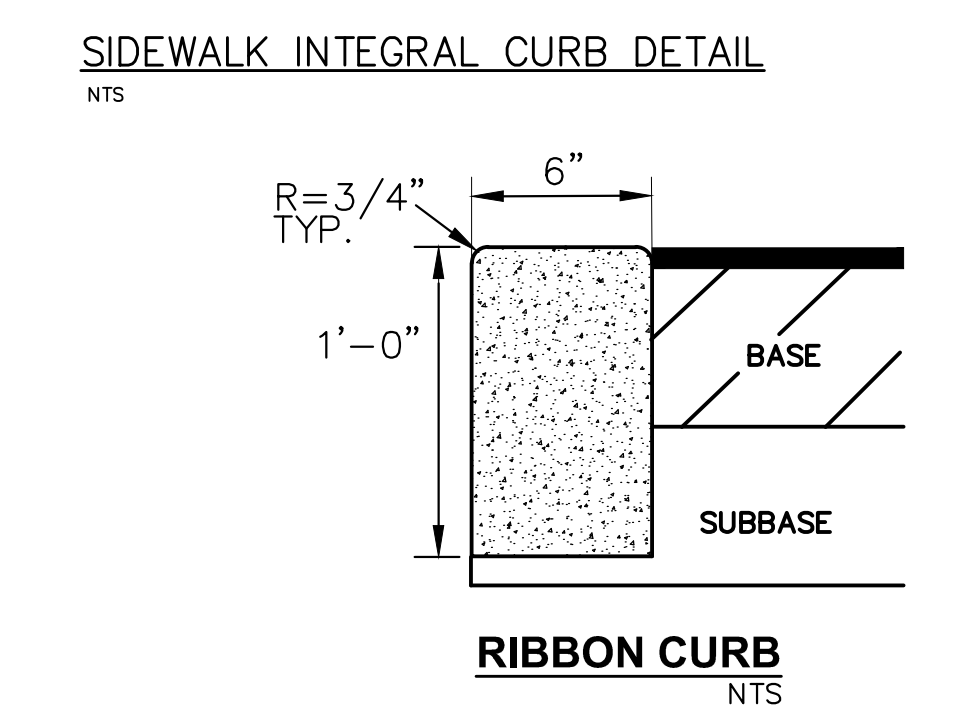
STANDARD BICYCLE RACK DETAIL
 NTS



TYPICAL INLET SUMP DETAIL
 PER F.D.O.T. INDEX NO. 232 N.T.S.

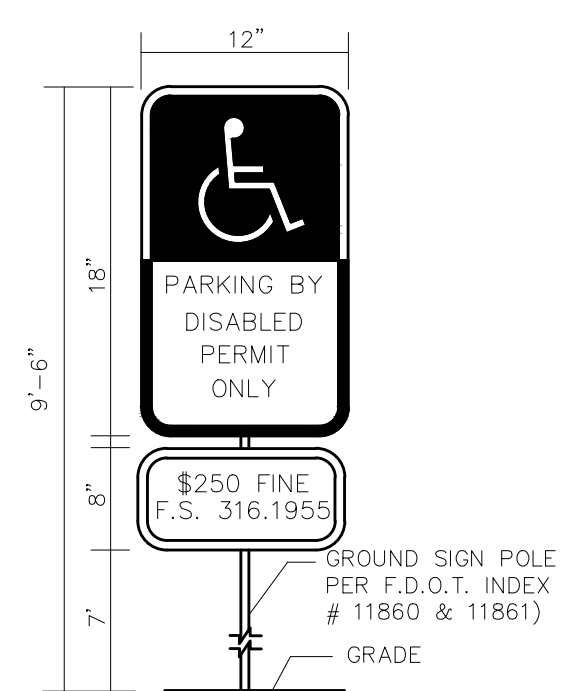
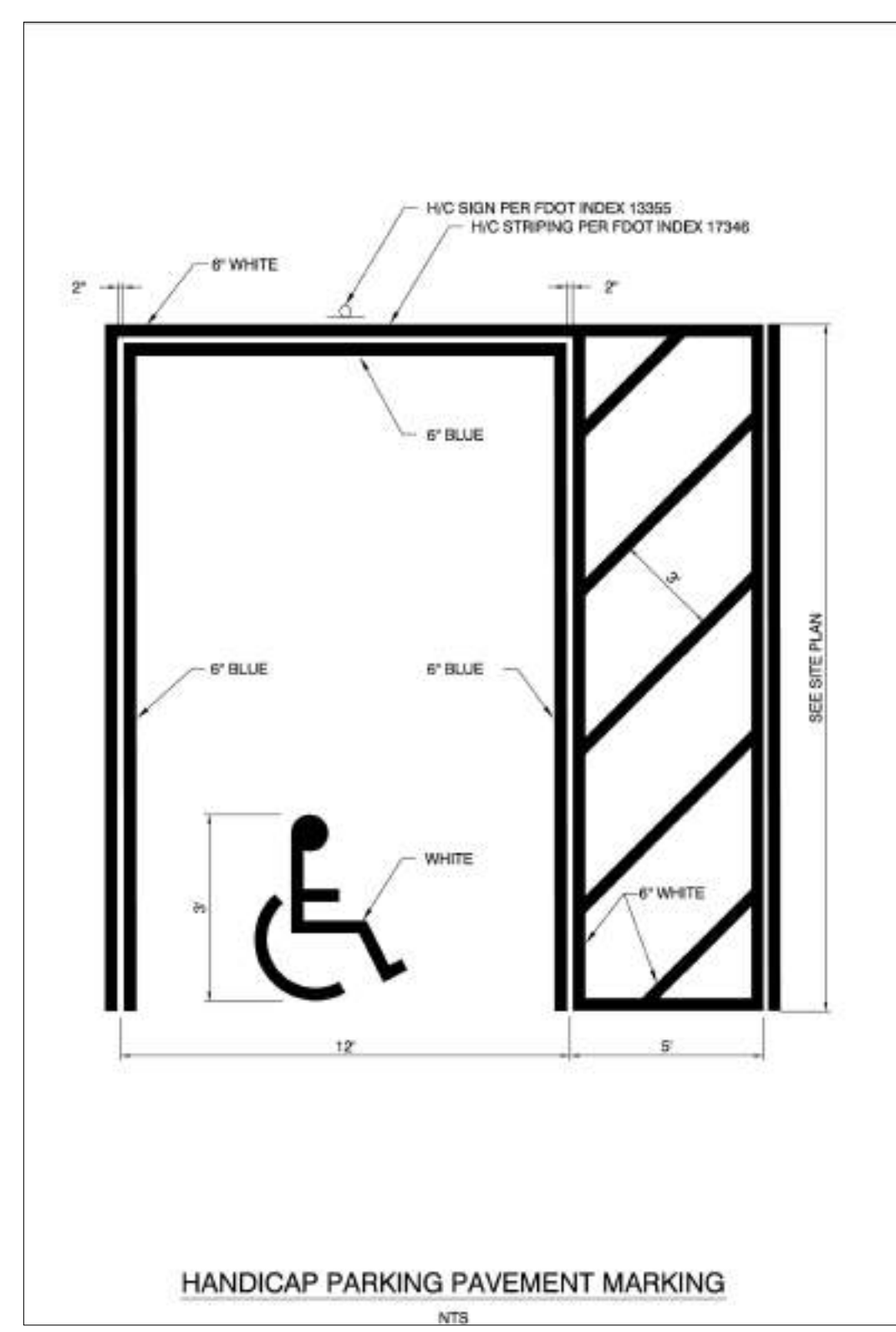


TYPICAL 'ONSITE' ACCESSIBLE CURB RAMPS
 CONSTRUCT PER F.A.C. 2012, CHAPTER 4, SECTION 406 REQUIREMENTS
 (DETECTABLE WARNING STRIPS TO MEET FDOT INDEX 522-002 REQUIREMENTS)



WHEEL STOP PROFILE (TYP.)
 NTS

- NOTES:**
- ALL CURBS TO BE CONSTRUCTED OF 28 DAY, 3000 P.S.I. CONCRETE
 - 1/2" PRE-MOLDED EXPANSION JOINT REQUIRED EVERY 500', CONSTRUCTION JOINT REQUIRED EVERY 10' MAXIMUM (4' MINIMUM).
 - 6" SUBBASE TO BE COMPACTED AND TESTED TO 98% DENSITY BASED ON AASHTO T-180 MODIFIED PROCTOR TEST AND SHALL BE STABILIZED TO A MINIMUM L.B.R. 40.
 - IN NO INSTANCE SHALL EXTRUDED CURBS (DEFINED AS HEADER-TYPE CURBS INSTALLED DIRECTLY ON TOP OF PAVEMENT) BE PERMITTED.



- NOTES:**
- ALL LETTERS ARE 1" SERIES "C" PER MUTCD.
 - TOP PORTION OF SIGN SHALL HAVE REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
 - BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
 - FINE NOTIFICATION SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
 - ONE (1) SIGN REQUIRED FOR EACH PARKING SPACE.
 - INSTALLATION HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH SECTION 24-23 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

HANDICAP SIGN DETAIL
 NTS

NO.	REVISIONS	DATE	BY

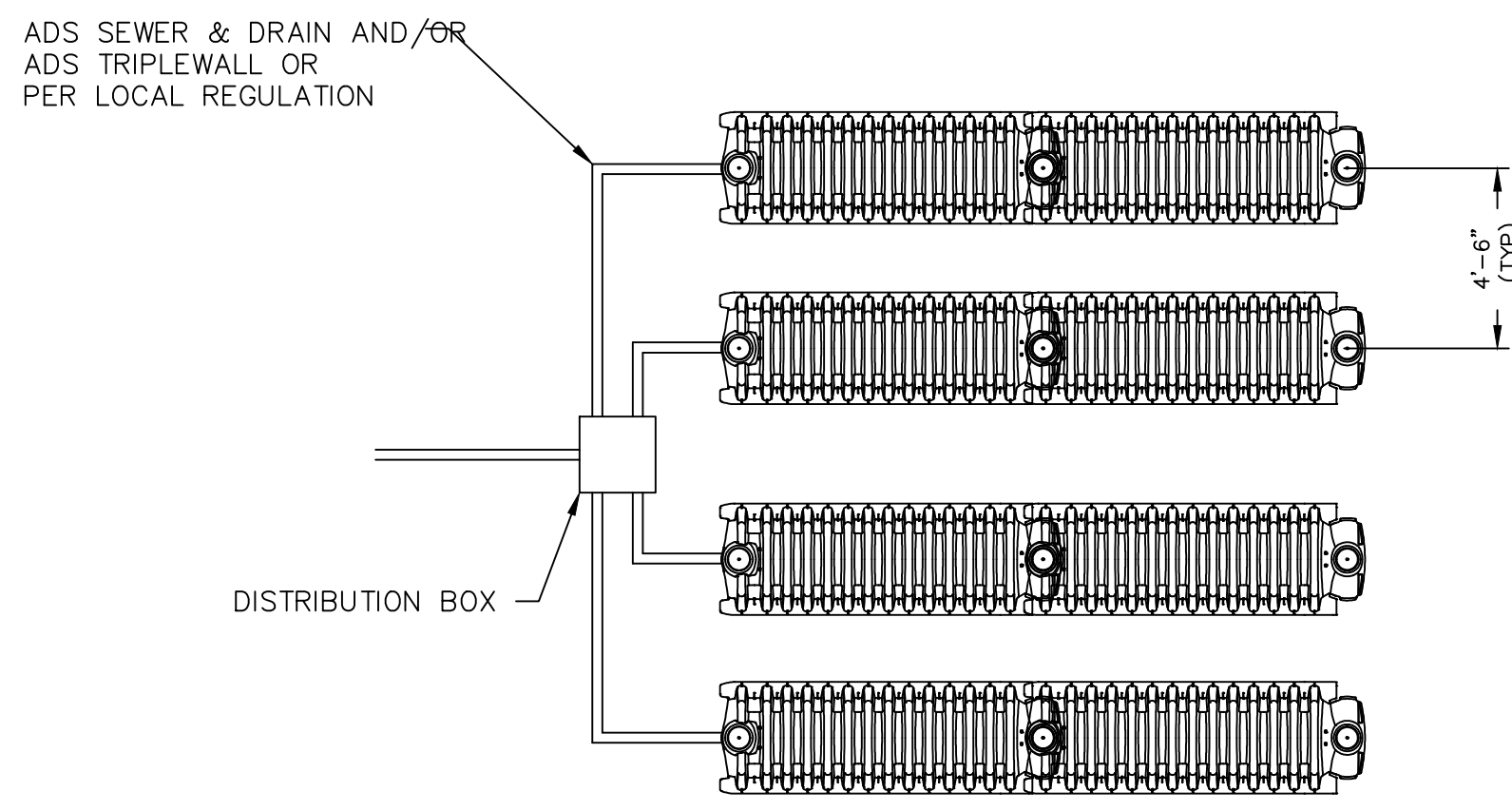
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KHA PROJECT 149973004	LICENSED PROFESSIONAL MARCUS I. DEIBER, P.E.
DATE 07/11/2023	FL LICENSE NUMBER 89199
SCALE AS SHOWN	M/G CML
DESIGNED BY	CHECKED BY
DRAWN BY	M/G DATE: _____

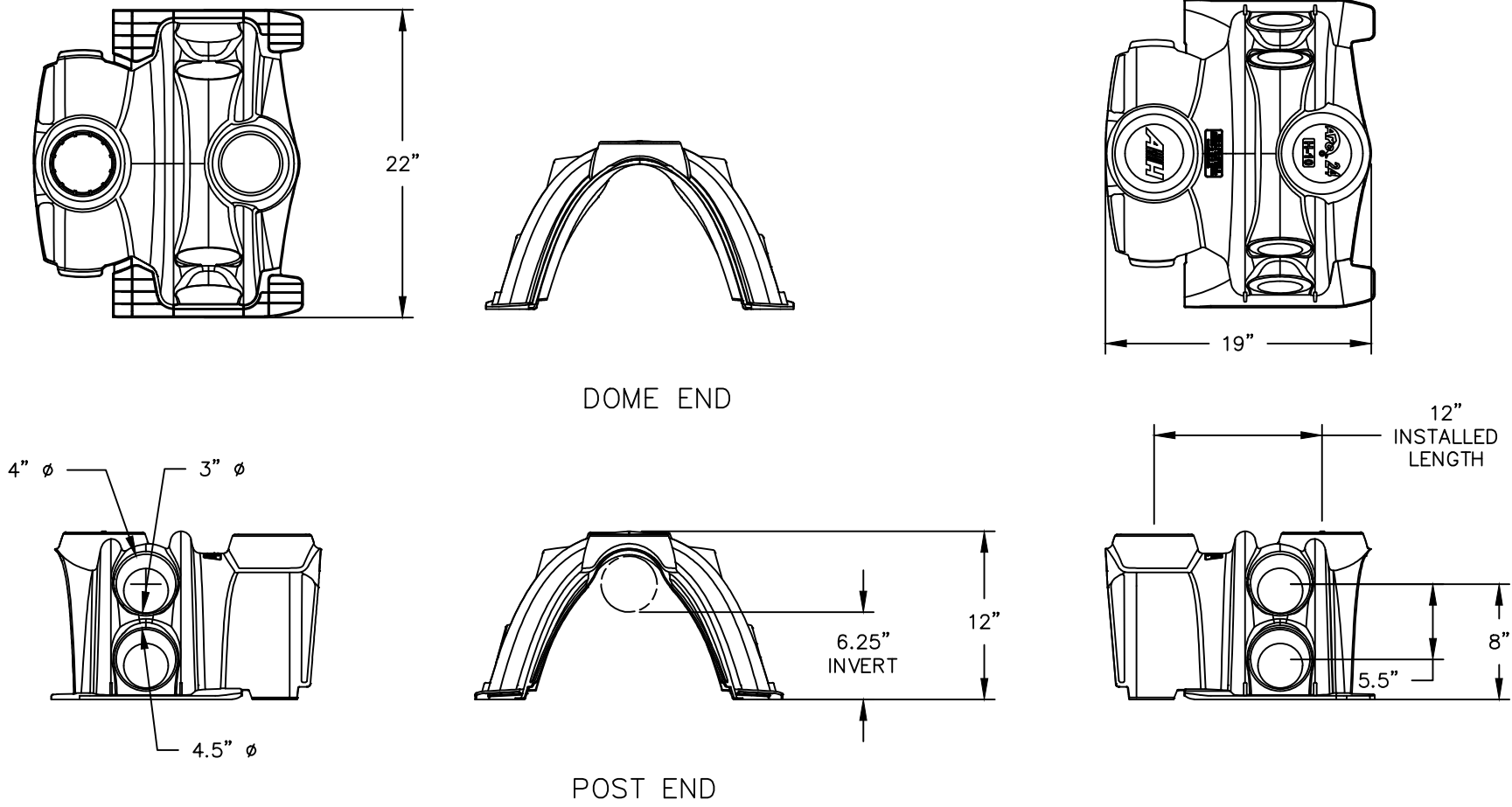
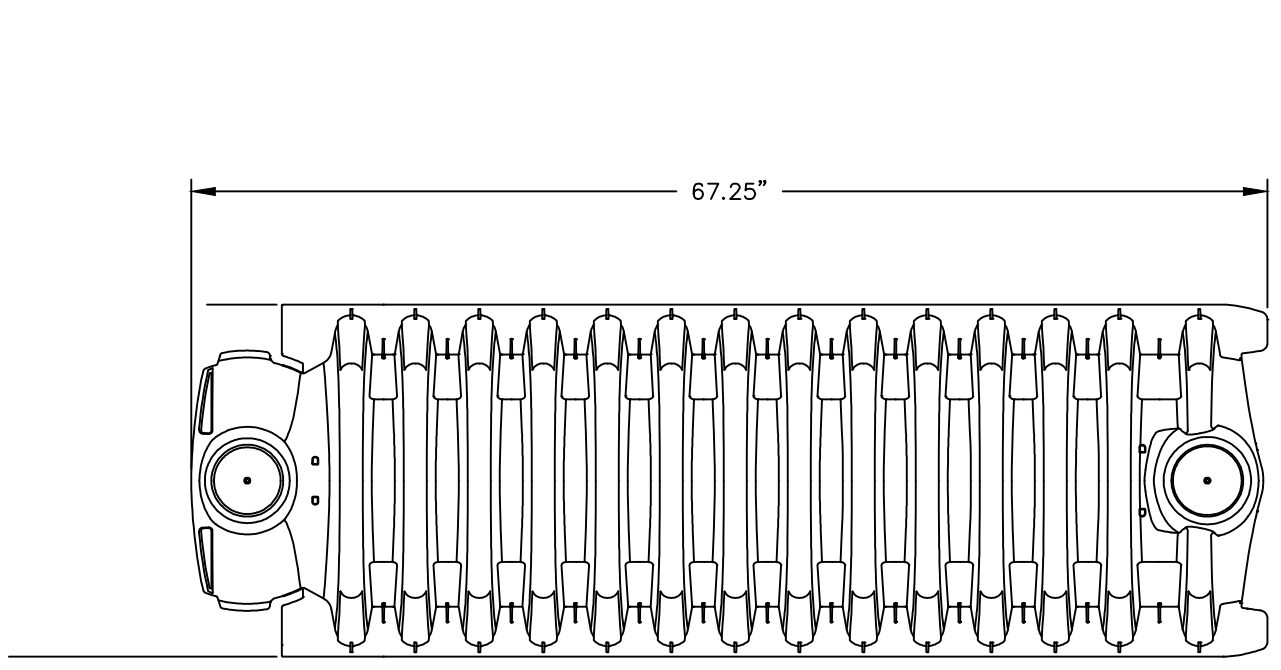
GENERAL CONSTRUCTION DETAILS

WINDERMERE DOWNTOWN PROPERTY
 TOWN OF WINDERMERE
 SHEET NUMBER
C8.0

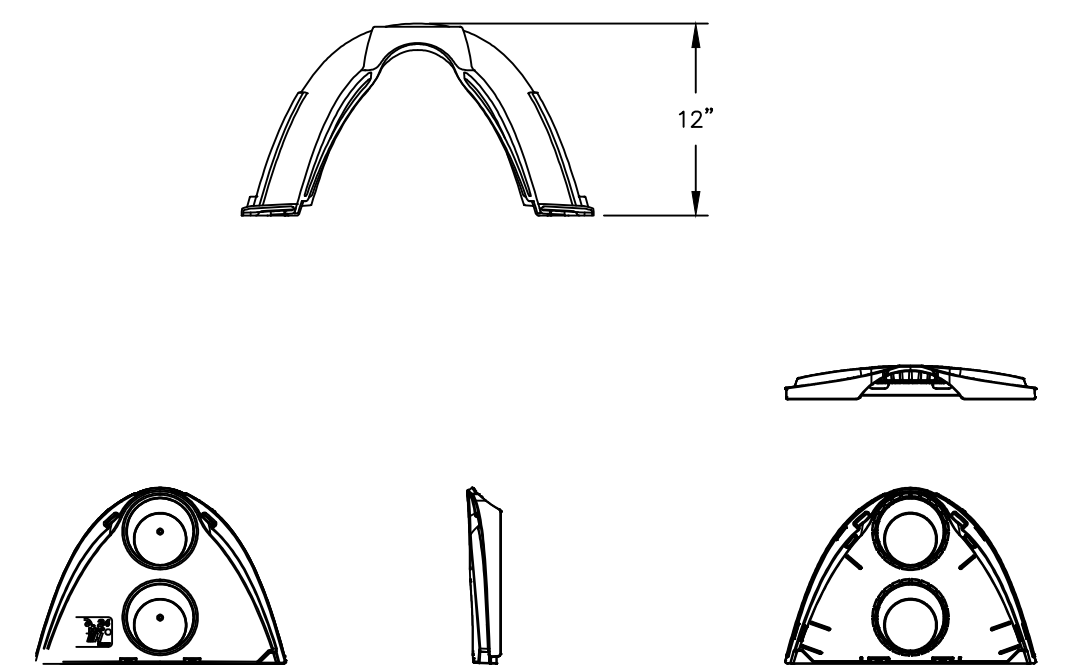
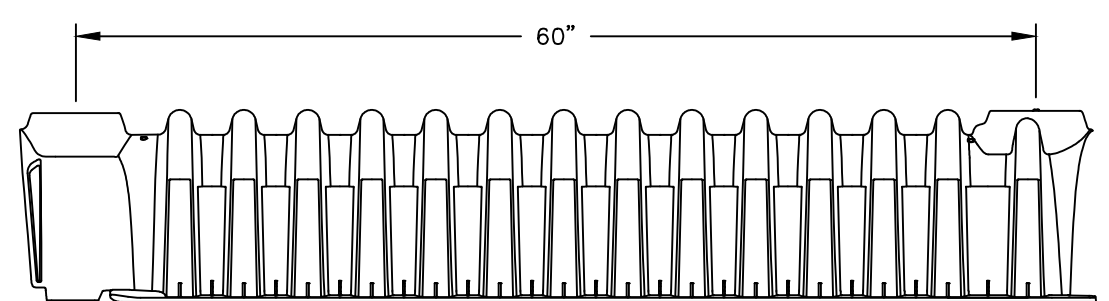
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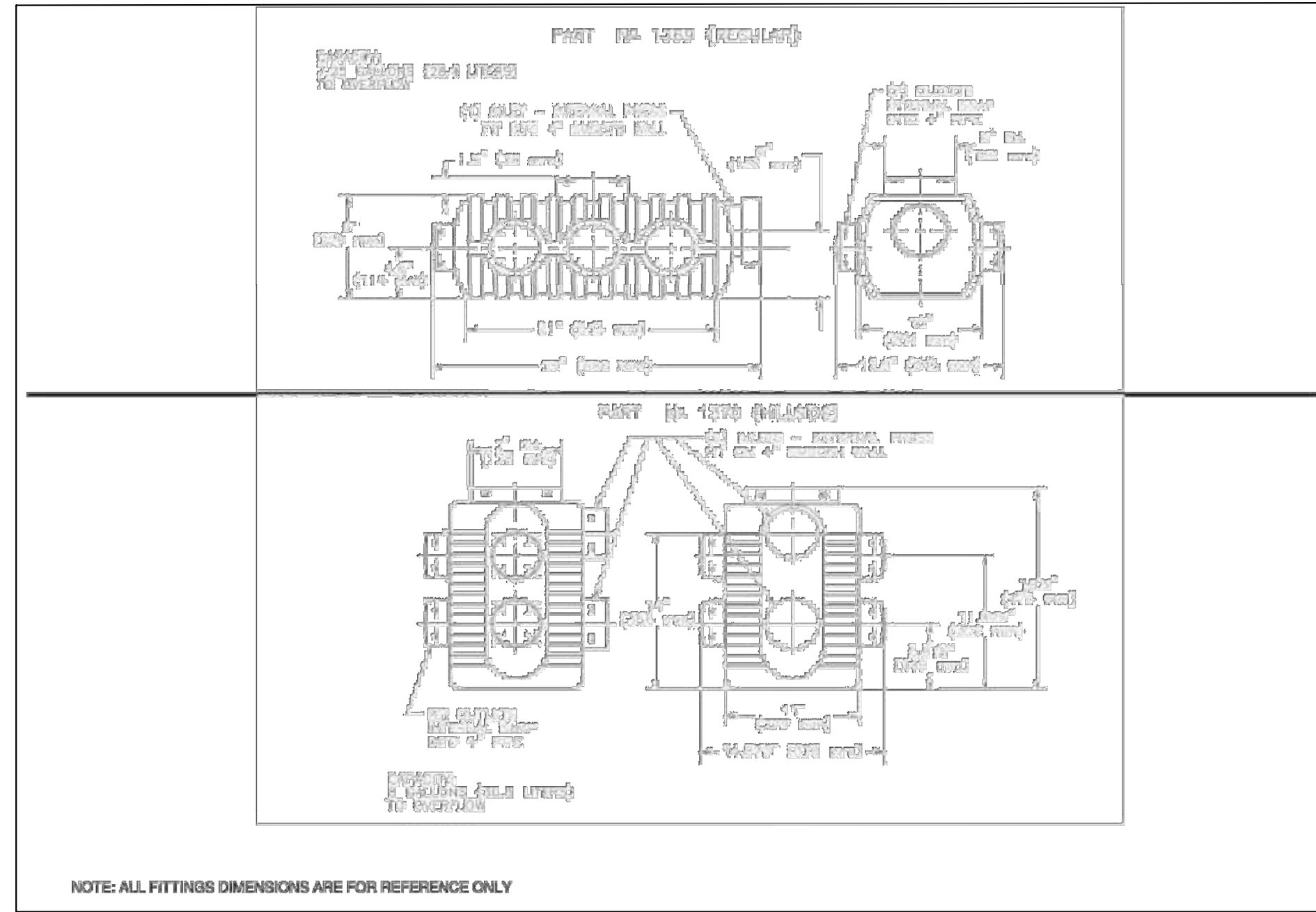
- NOTES:**
- EXCAVATE AND LEVEL INSTALLATION AREAS.
 - SMOOTH IRREGULARITIES IN THE EXCAVATION. A LEVEL, FLAT SURFACE IS REQUIRED.
 - INSTALL ARC LEACHING CHAMBERS IN ADJACENT ROWS TO COVER DESIRED AREA.
 - INSTALL UNIVERSAL END CAP AND SECURE IN PLACE WITH BACKFILL.
 - INSTALL 4" PIPE TO EACH ROW OF ARC CHAMBER USING KNOCKOUTS PROVIDED IN THE UNIVERSAL END CAPS.
 - ENDS OF ROWS MAY BE CONNECTED WITH **ARC 24 CLUSTER INSTALLATION** NTS
 - FILL PERIMETER AND INTERIOR SIDEWALL AREAS TO TOP OF CHAMBERS AND WALK INTO PLACE. AVOID LARGE ROCKS OR DEBRIS IN COVER MATERIAL.
 - COVER ARC LEACHING CHAMBERS TO A MINIMUM OF 12" OF GRANULAR OVER AFTER CONSOLIDATION FOR H-10 APPLICATIONS. AVOID LARGE ROCKS OR DEBRIS IN COVER MATERIAL. COVER HEIGHTS AND LIVE LOADING LIMITS ARE IMPACTED BY BOTH SOIL TYPE AND COMPACTION REQUIREMENTS. CONTACT ADS WHEN POOR SOILS ARE ENCOUNTERED AND FOR MAXIMUM FILL HEIGHTS. LIVE LOAD CONDITIONS ARE NOT RECOMMENDED.



ARC 24 SIDE PORT COUPLER
NTS



ARC 24 CHAMBER AND END CAP
NTS



DISTRIBUTION BOXES
NTS

TANK & LIDS: 4000 PSI CONCRETE AT 28 DAYS

IMPRINTED ON INLET END OF TANK:
LEGEND: FSI2180 STATE APPROVAL: 01-011-45D-C4

WEIGHTS: TANK ONLY 20,657
TANK W/ 5" LID 24,869
TANK W/ 8" LID 29,081

THIS TANK IS RATED FOR H-20 LOADING WHEN USED WITH 6" TRAFFIC LID AND TANK BURIAL DEPTH IS AT LEAST 18" BELOW GROUND SURFACE.

THIS TANK COMPLIES WITH SECTION 1003.5 OF THE 2007 FLORIDA PLUMBING CODE.

INTERCEPTOR CAPACITY PER 1003.5.1 IS SITE SPECIFIC.

THIS SEWAGE TREATMENT RECEPTACLE HAS BEEN DESIGNED, CONSTRUCTED AND STRUCTURALLY TESTED IN ACCORDANCE WITH CHAPTER 64E-6.013, FLORIDA ADMINISTRATIVE CODE, (FAC) DATED APRIL 28, 2010.

DRAWING NOT TO SCALE

FLORIDA SEPTIC, INC. P.O. BOX 545 HAWTHORNE, FLORIDA 32640 (800) 940-8265		MODEL: 6" 2180 GAL. TANK
REVISED: 05/01/2011	APPROVAL DATE: 04/25/2008	

TANK & LIDS: 4000 PSI CONCRETE AT 28 DAYS

IMPRINTED ON INLET END OF TANK:
LEGEND: FSI4150 STATE APPROVAL: 01-011-71D-C4

WEIGHTS: TANK ONLY 30,307
TANK W/ 5" LID 38,669
TANK W/ 8" LID 43,687

THIS TANK IS RATED FOR H-20 LOADING WHEN USED WITH 6" TRAFFIC LID AND TANK BURIAL DEPTH IS AT LEAST 18" BELOW GROUND SURFACE.

THIS TANK COMPLIES WITH SECTION 1003.5 OF THE 2007 FLORIDA PLUMBING CODE.

INTERCEPTOR CAPACITY PER 1003.5.1 IS SITE SPECIFIC.

THIS SEWAGE TREATMENT RECEPTACLE HAS BEEN DESIGNED, CONSTRUCTED AND STRUCTURALLY TESTED IN ACCORDANCE WITH CHAPTER 64E-6.013, FLORIDA ADMINISTRATIVE CODE, (FAC) DATED APRIL 28, 2010.

DRAWING NOT TO SCALE

FLORIDA SEPTIC, INC. P.O. BOX 545 HAWTHORNE, FLORIDA 32640 (800) 940-8265		MODEL: 6" 4150 GAL. TANK
REVISED: 05/01/2011	APPROVAL DATE: 02/14/2008	

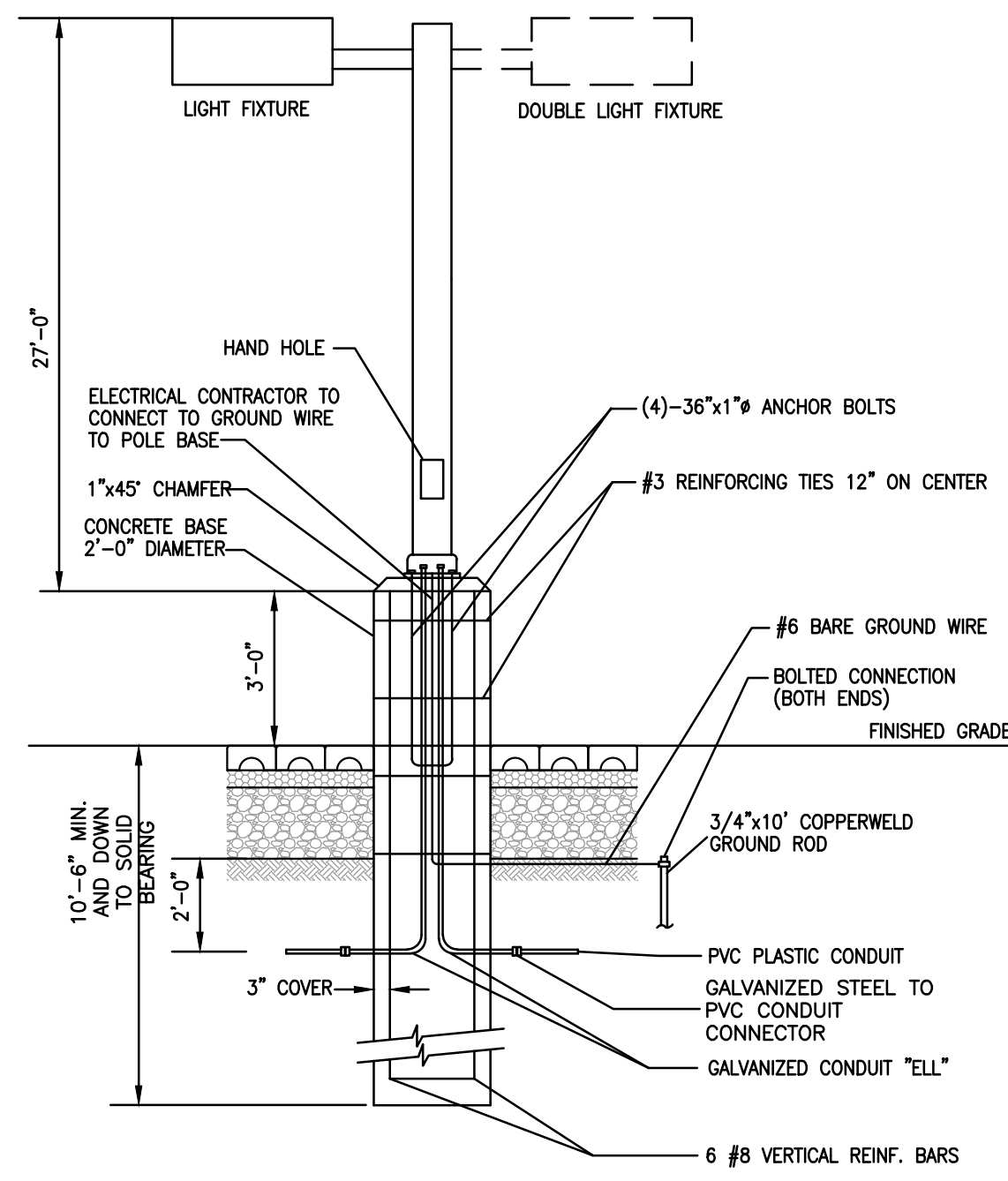
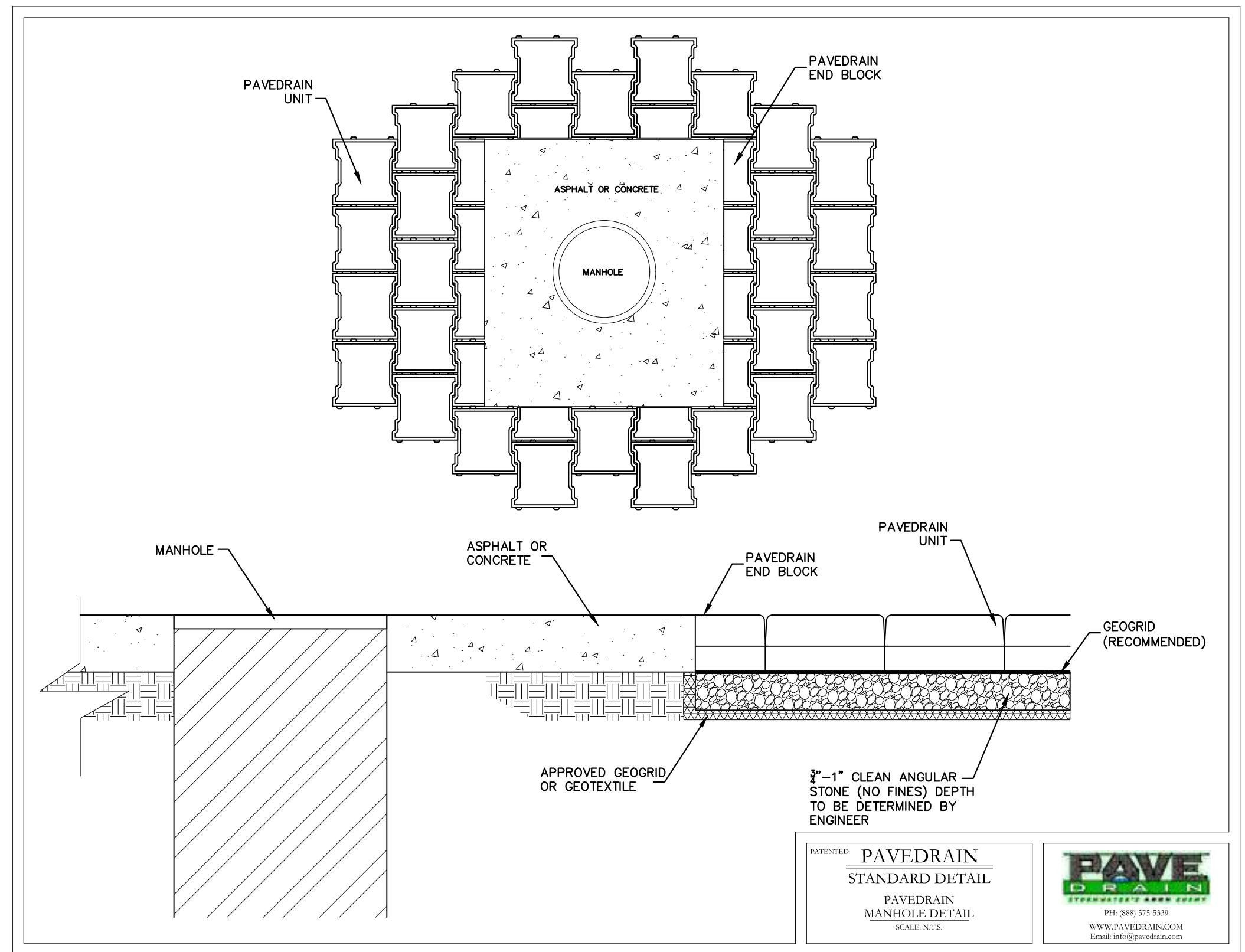
KHA PROJECT 149973004		LICENSED PROFESSIONAL
DATE 07/11/2023	MARCUS I. DEIBER, P.E.	
SCALE AS SHOWN	FL LICENSE NUMBER 89199	
DESIGNED BY M/G	CHECKED BY M/G	
DRAWN BY CML	DATE: _____	
GENERAL CONSTRUCTION DETAILS		
WINDERMERE DOWNTOWN PROPERTY		FL
SHEET NUMBER C8.1		

NO.	REVISIONS	DATE	BY

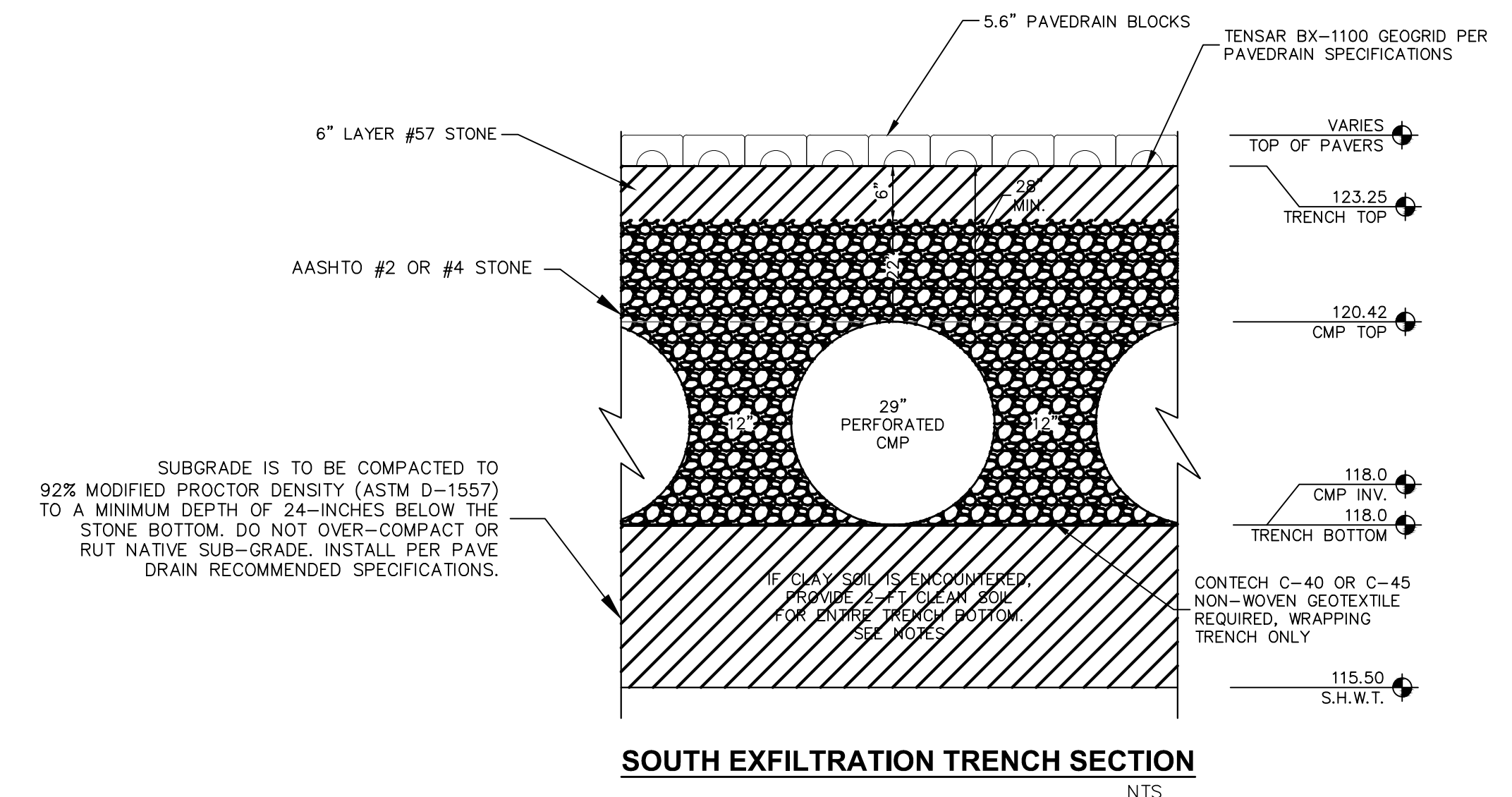
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TOWN OF WINDERMERE

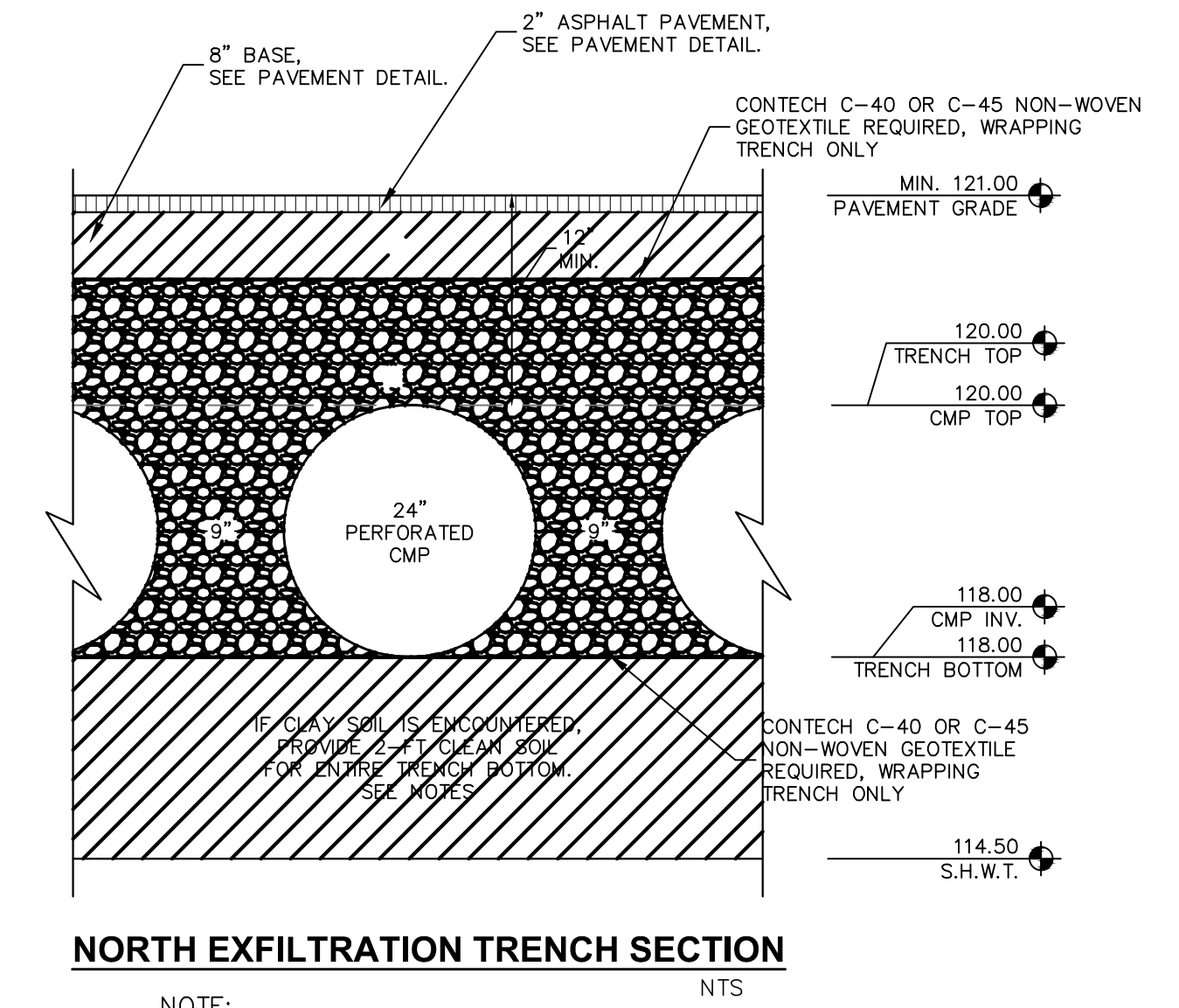
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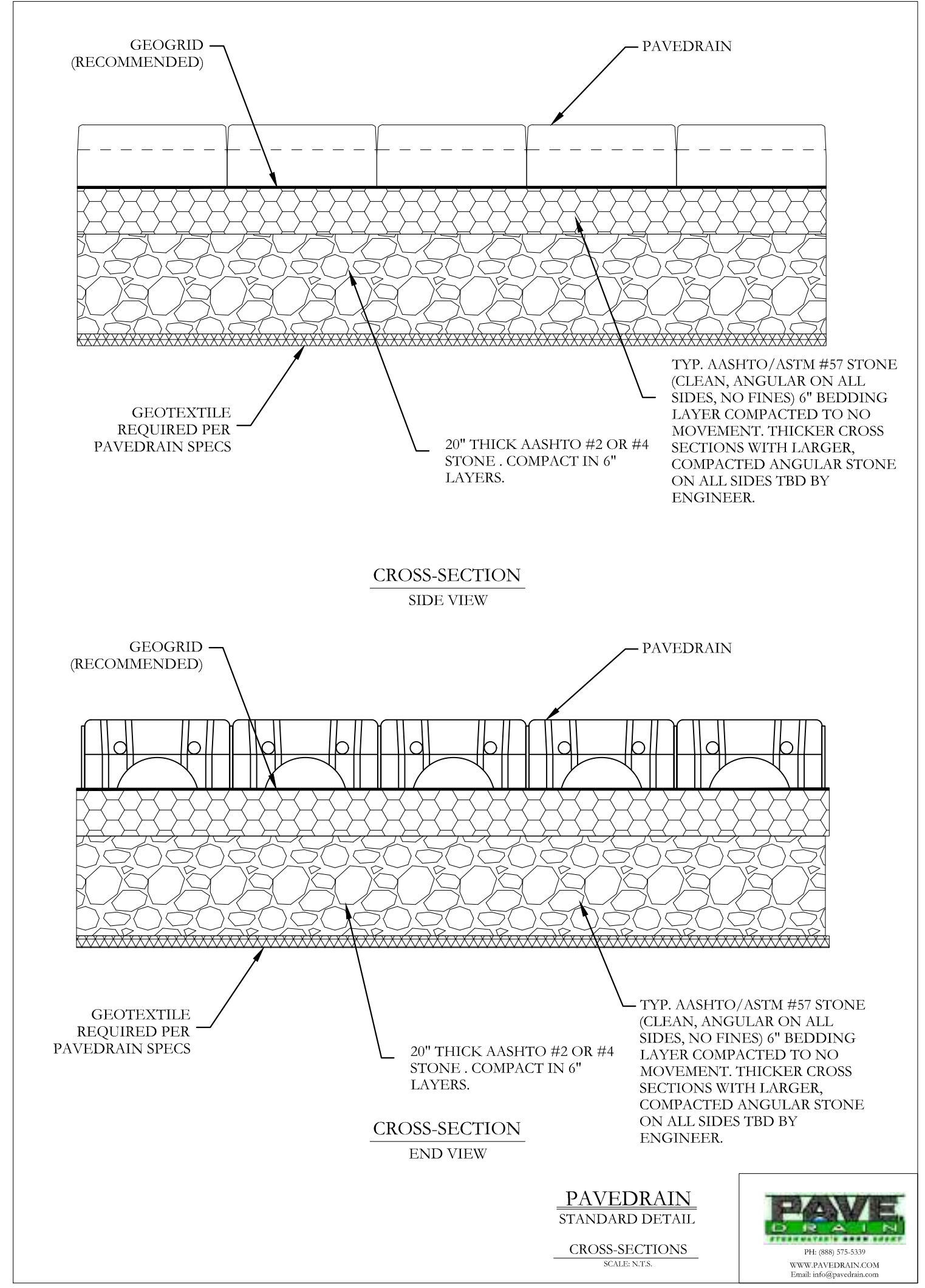
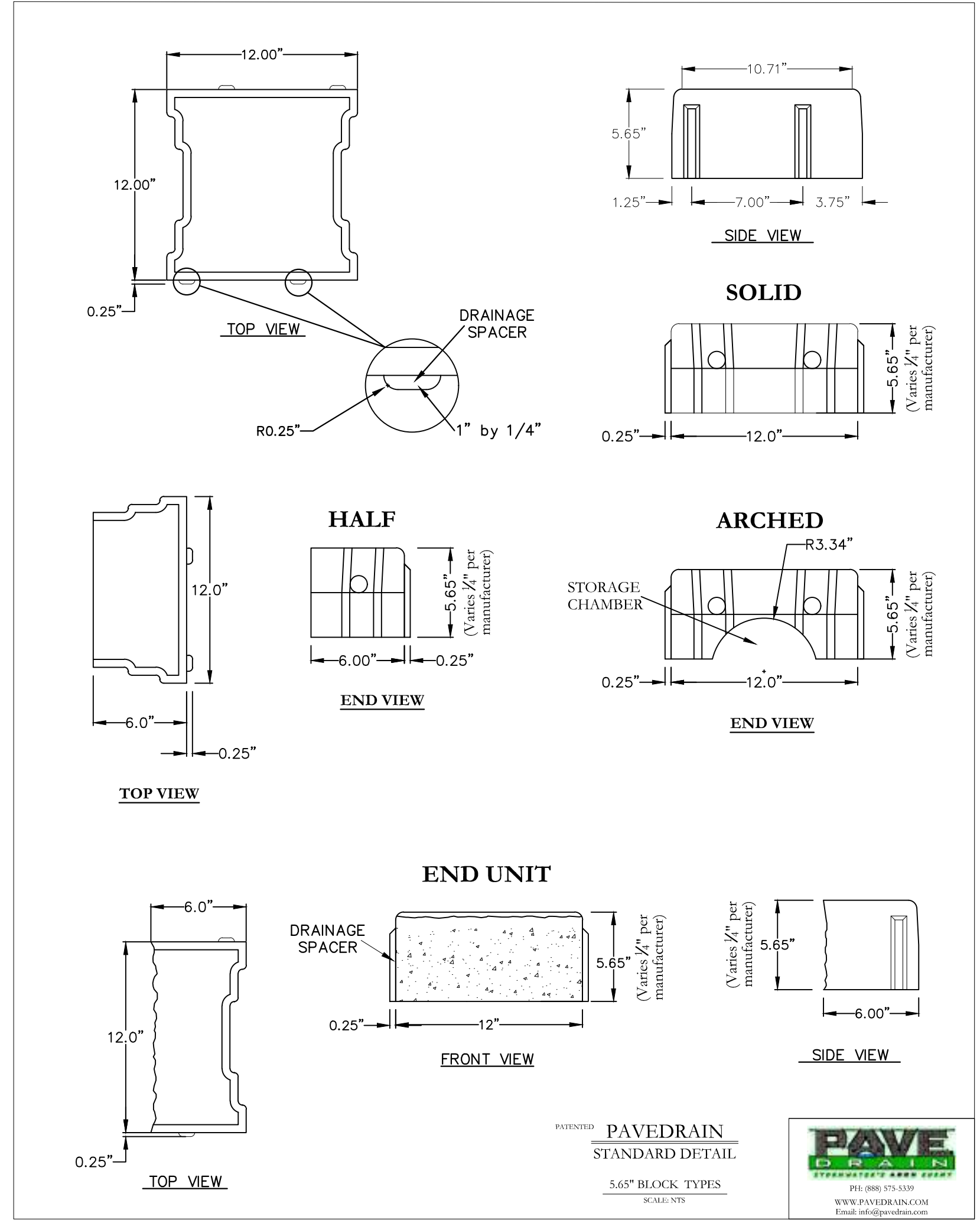
MODIFIED LIGHT POLE FOUNDATION
LOCATED IN THE PAVEDRAIN SECTIONS
NOT TO SCALE



SOUTH EXFILTRATION TRENCH SECTION
NTS
NOTE:
1. TRENCH BOTTOM FILL SHALL BE CLEAN, INORGANIC, GRANULAR SOIL (FINE SAND) WITH A FINES CONTENT OF NO MORE THAN 5 PERCENT. CARE SHOULD BE TAKEN NOT TO OVER-COMPACT THE BOTTOM DURING EXCAVATION AND GRADING.



NORTH EXFILTRATION TRENCH SECTION
NTS
NOTE:
1. TRENCH BOTTOM FILL SHALL BE CLEAN, INORGANIC, GRANULAR SOIL (FINE SAND) WITH A FINES CONTENT



PAVEDRAIN
STANDARD DETAIL
CROSS-SECTIONS
SCALE: NTS
WWW.PAVEDRAIN.COM
PH: 888.375.3339
EMAIL: INFO@PAVEDRAIN.COM

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LICENSED PROFESSIONAL
MARCUS I. DEIBER, P.E.
FL LICENSE NUMBER 89199

KHA PROJECT 149973004
DATE 07/11/2023
SCALE AS SHOWN
DESIGNED BY M/G
DRAWN BY CML
CHECKED BY M/G

**GENERAL
CONSTRUCTION
DETAILS**

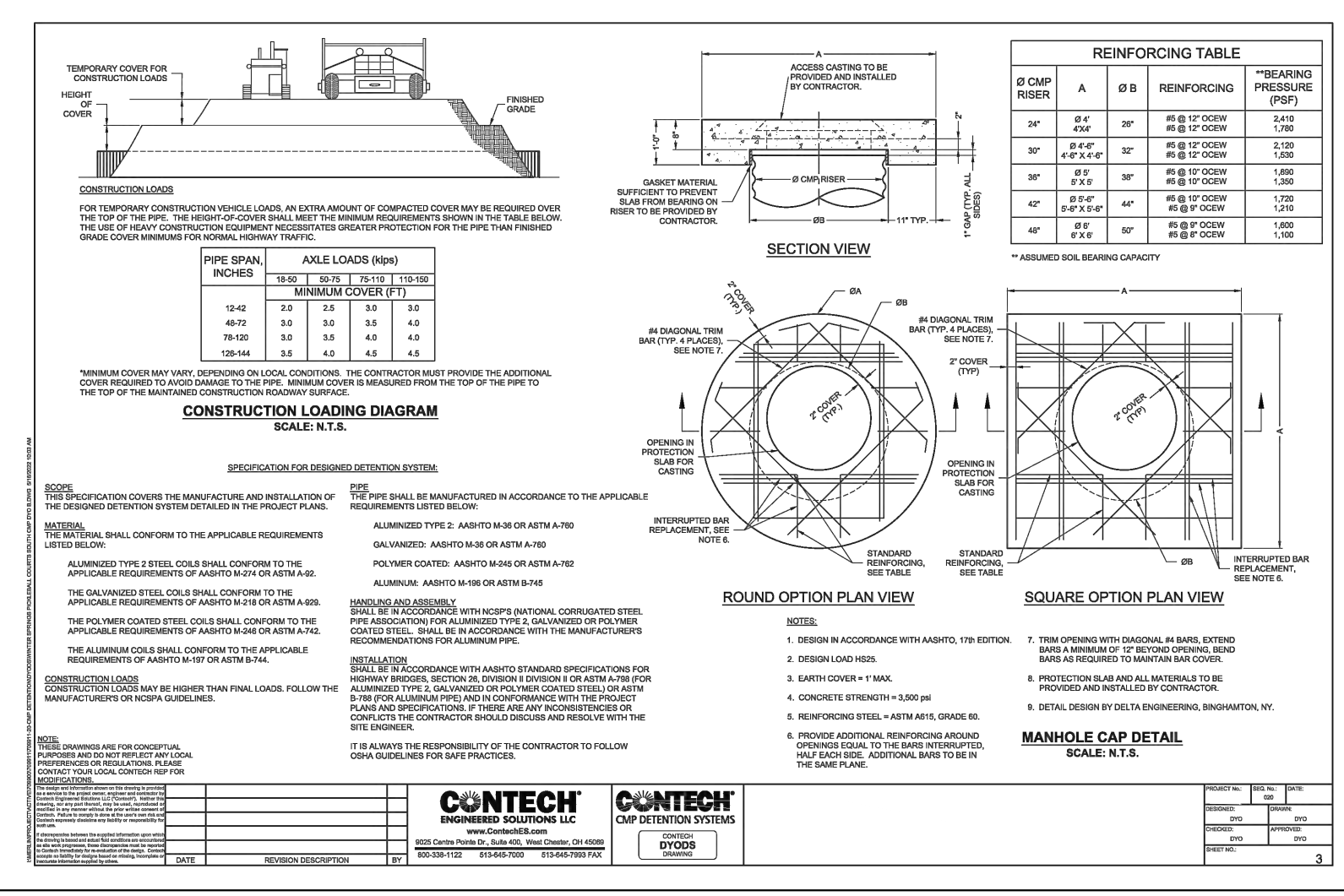
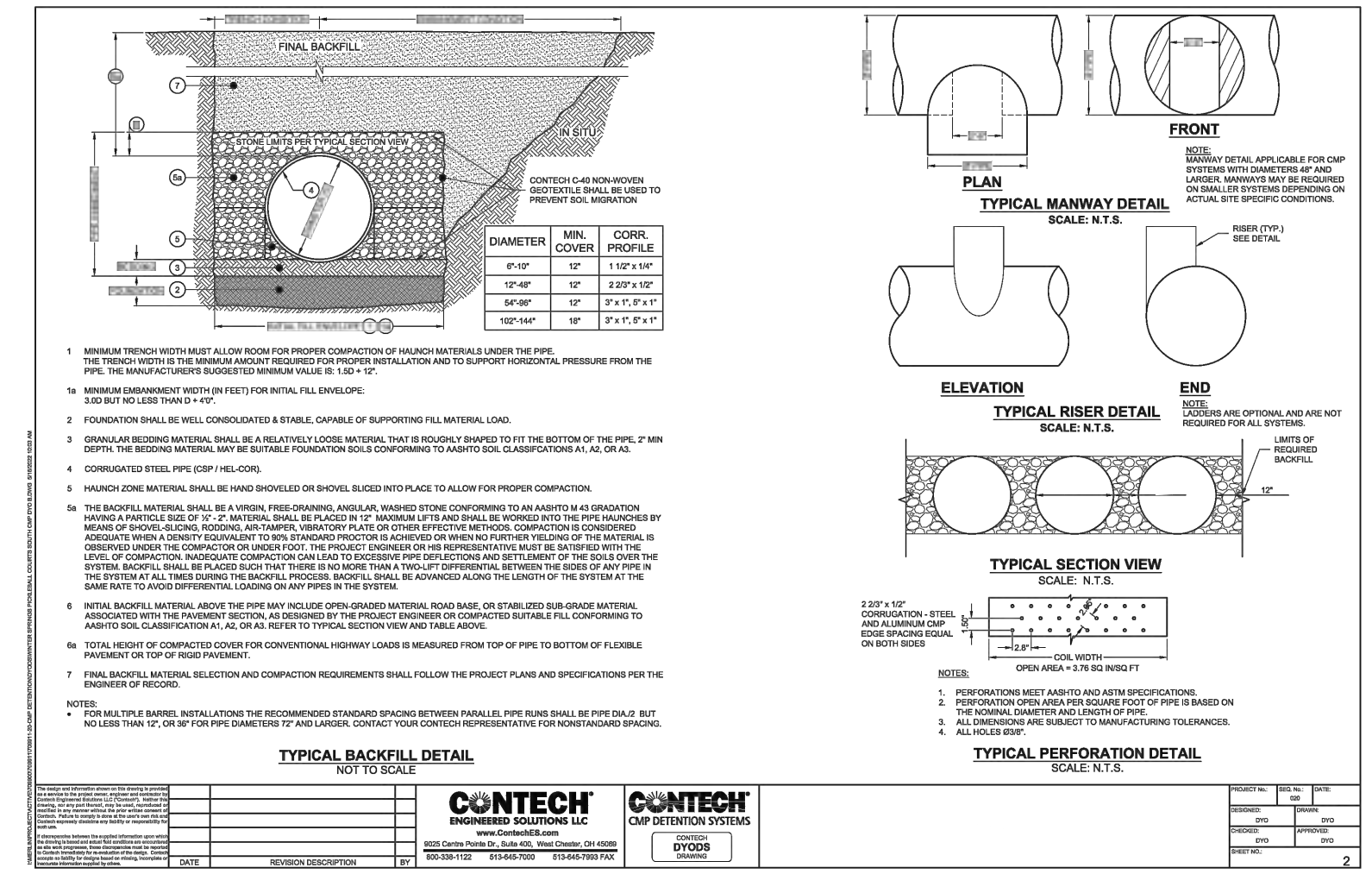
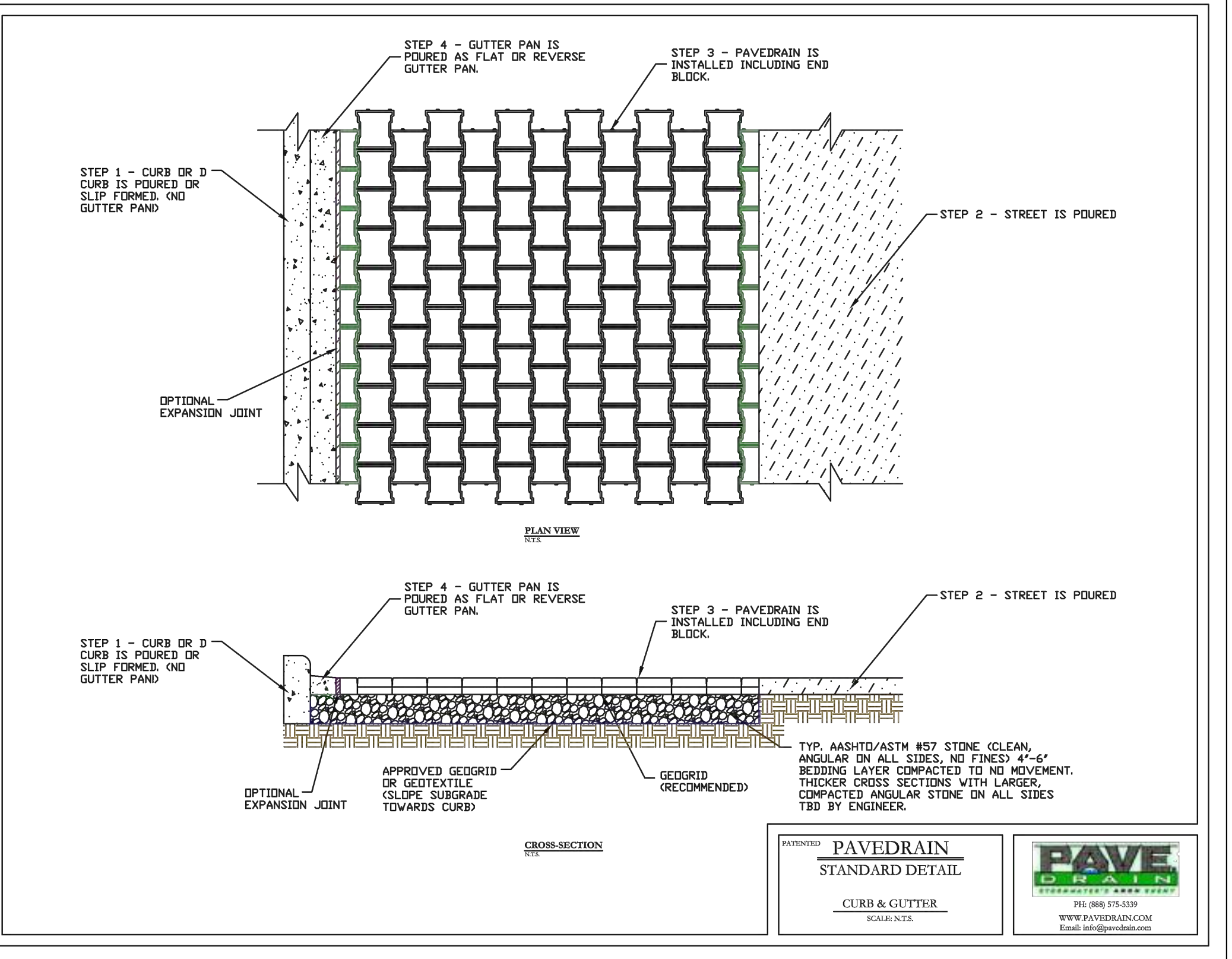
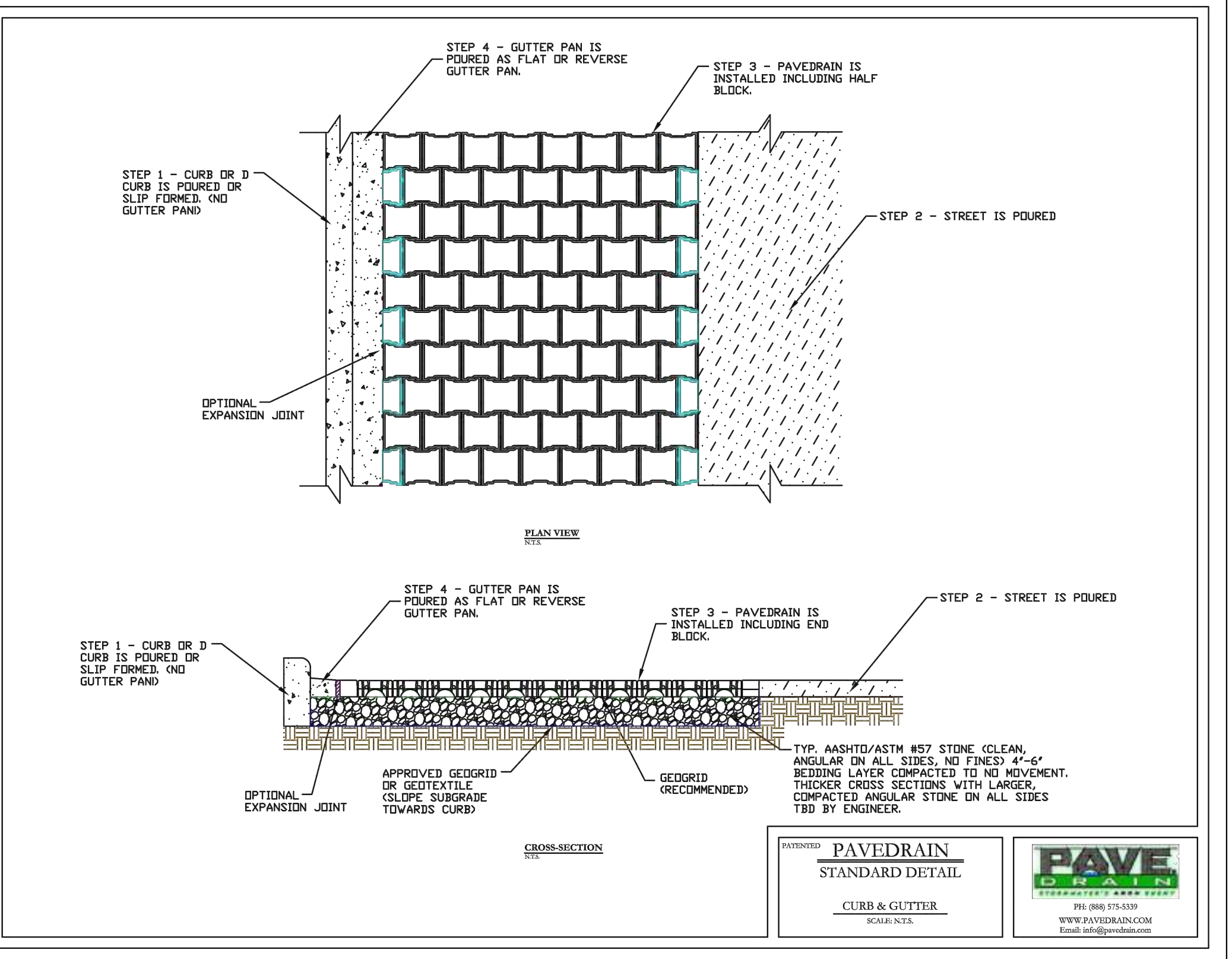
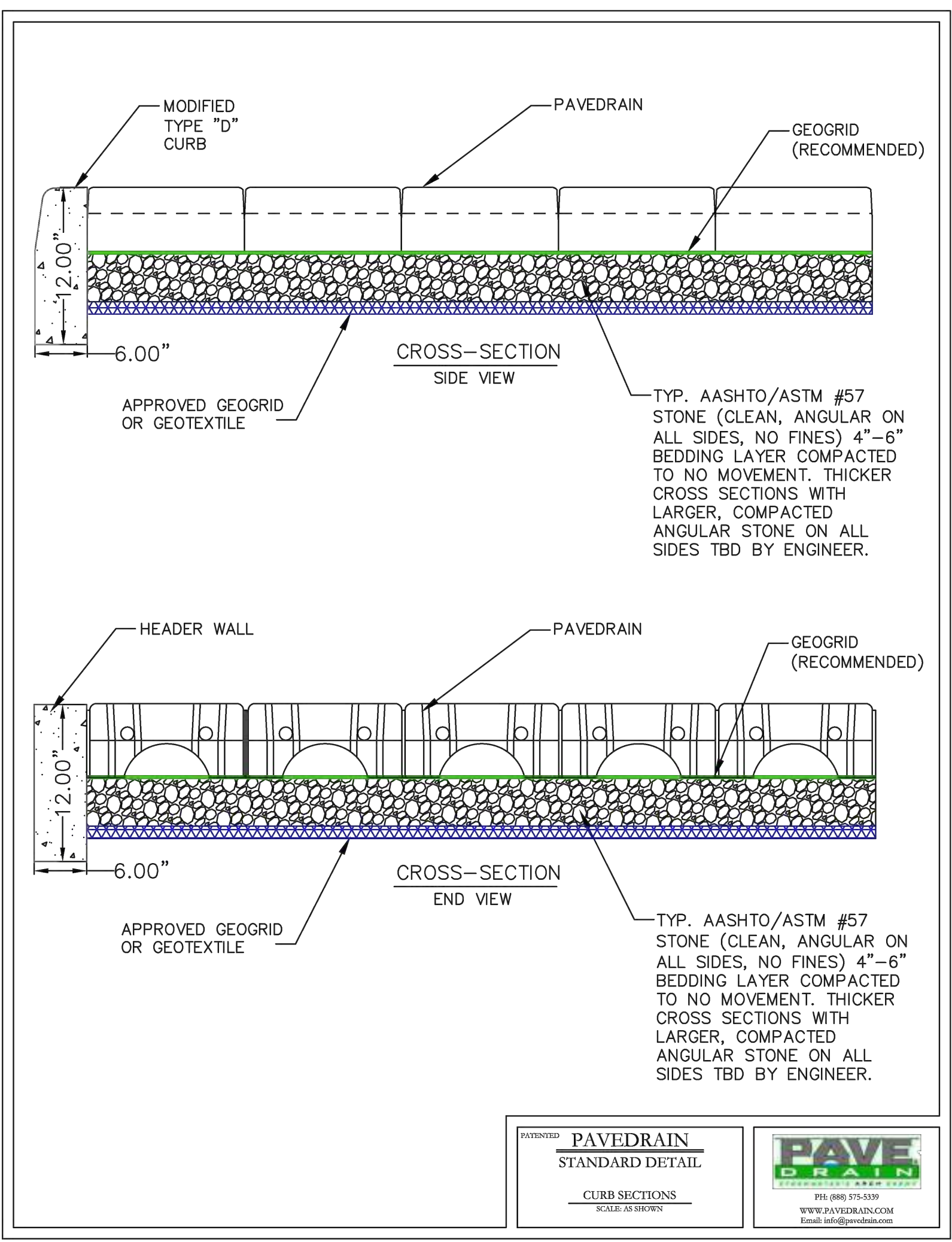
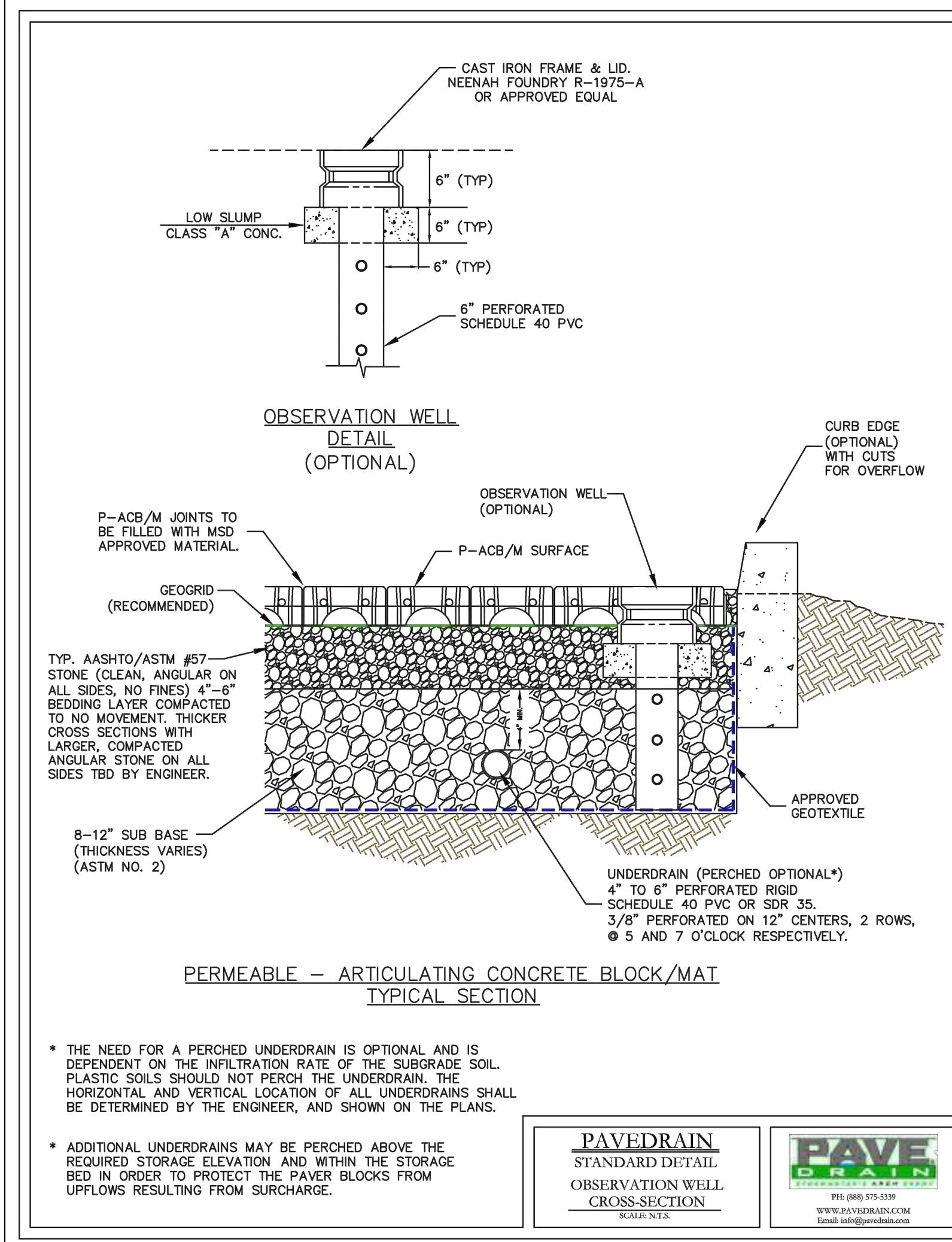
WINDERMERE
DOWNTOWN
PROPERTY

TOWN OF WINDERMERE

SHEET NUMBER
C8.2

CONTRACTOR NOTE:
1. CONSTRUCTION AND INSTALLATION SHALL BE PERFORMED BY A CONTRACTOR CERTIFIED BY THE PRODUCT MANUFACTURER AND/OR FAMILIAR WITH AND FOLLOWING THE RECOMMENDATIONS AND PROCEDURES STATED WITHIN THE PAVEDRAIN INSTALLATION MANUAL (LATEST ED.) AND THE PAVEDRAIN NOTES CONTAINED WITHIN SHEET C9.3.
2. WITHIN 2 WEEKS PRIOR TO THE INSTALLATION OF THE PAVEDRAIN P-ACB SYSTEM, CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH CONTRACTOR PERFORMING INSTALLATION, ENGINEER, SUPPLIER, AND ANY OTHER APPROPRIATE REPRESENTATIVE.

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WINDERMERE DOWNTOWN PROPERTY

GENERAL CONSTRUCTION DETAILS

TOWN OF WINDERMERE

149973004

07/11/2023

MARCUS I. DEIBER, P.E.

FL LICENSE NUMBER 89199

CONTRACTOR NOTE:

CONSTRUCTION AND INSTALLATION SHALL BE PERFORMED BY A CONTRACTOR CERTIFIED BY THE PRODUCT MANUFACTURER AND/OR FAMILIAR WITH AND FOLLOWING THE RECOMMENDATIONS AND PROCEDURES STATED WITHIN THE PAVEDRAIN INSTALLATION MANUAL (LATEST ED.) AND THE PAVEDRAIN NOTES CONTAINED WITHIN SHEET C8.4.

WITHIN 2 WEEKS PRIOR TO THE INSTALLATION OF THE PAVEDRAIN P-ACB SYSTEM, CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH CONTRACTOR PERFORMING INSTALLATION, ENGINEER, SUPPLIER, AND ANY OTHER APPROPRIATE REPRESENTATIVE.

REVISIONS

DATE

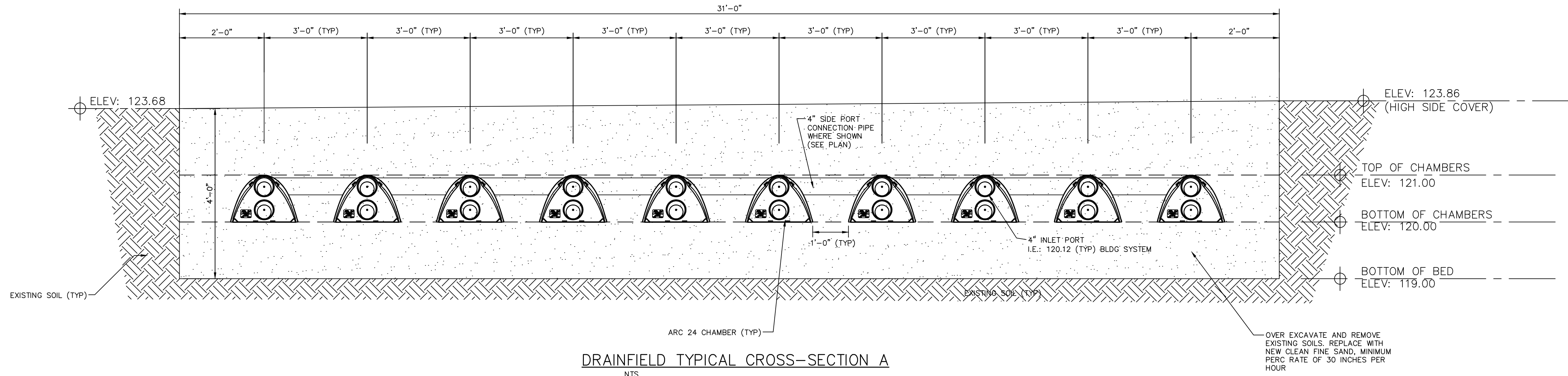
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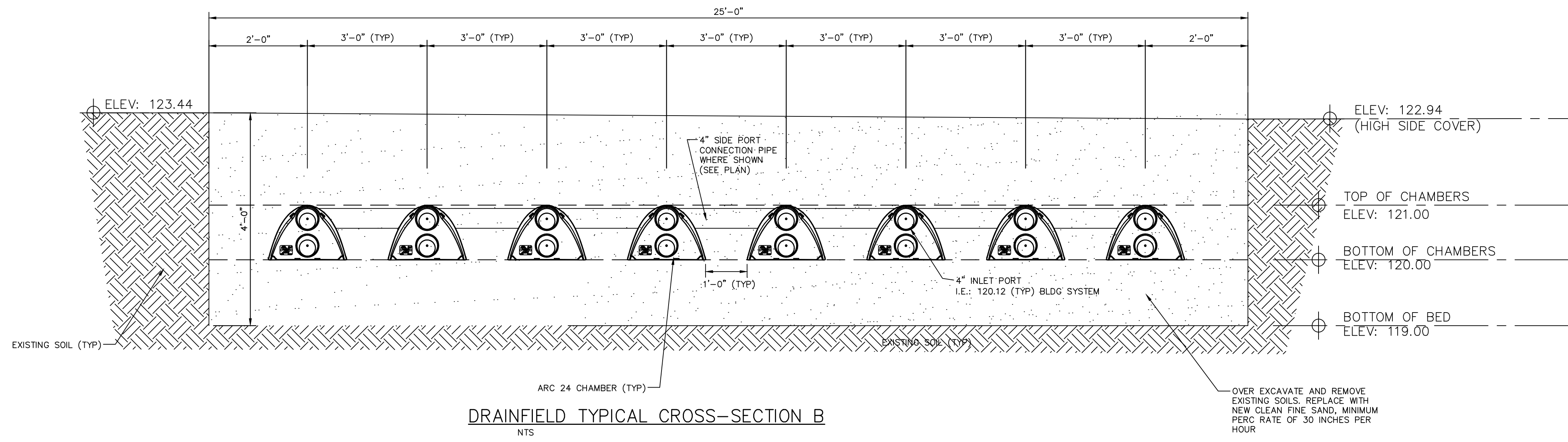
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DRAINFIELD TYPICAL CROSS-SECTION A
NTS



DRAINFIELD TYPICAL CROSS-SECTION B
NTS

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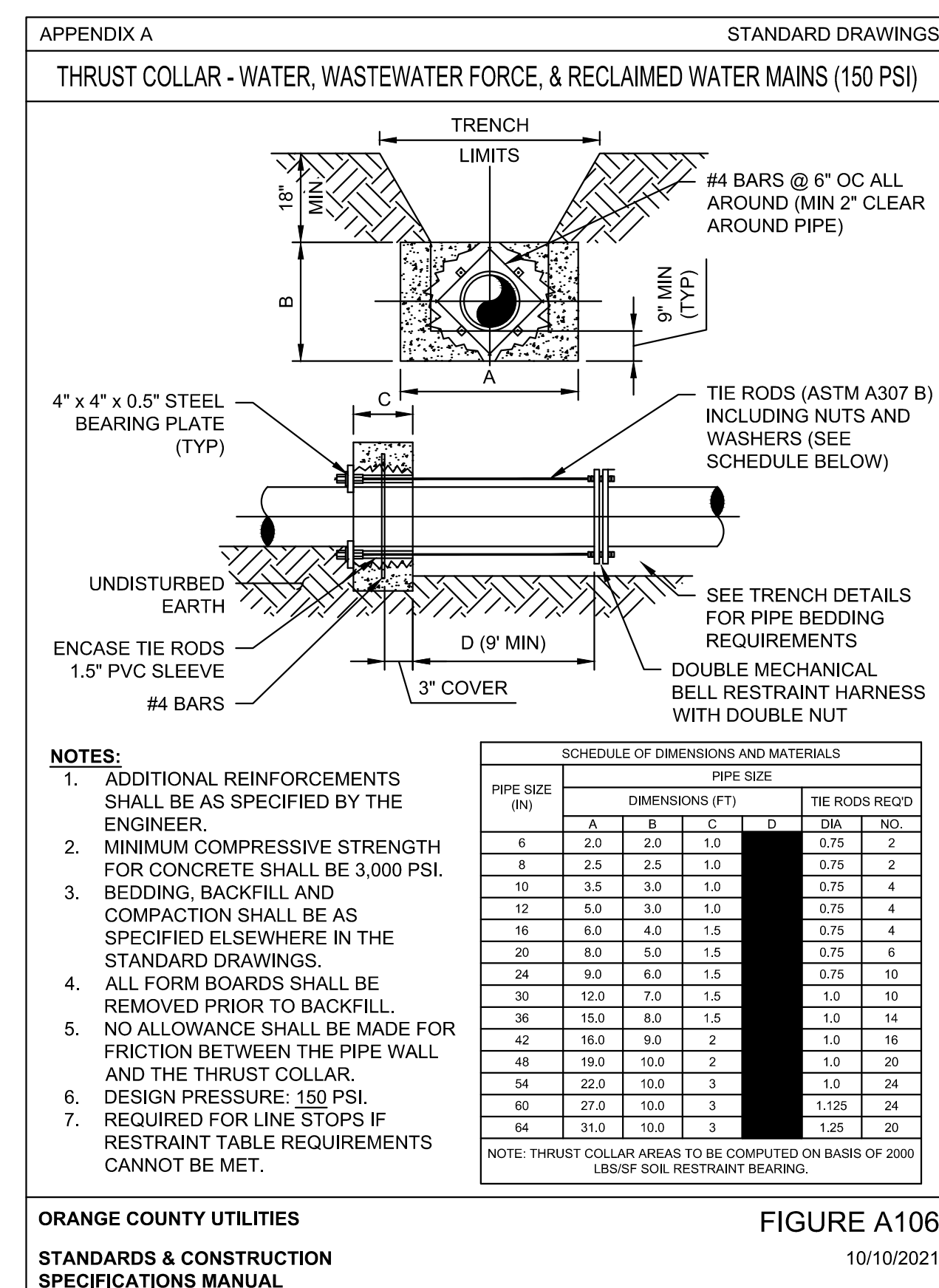
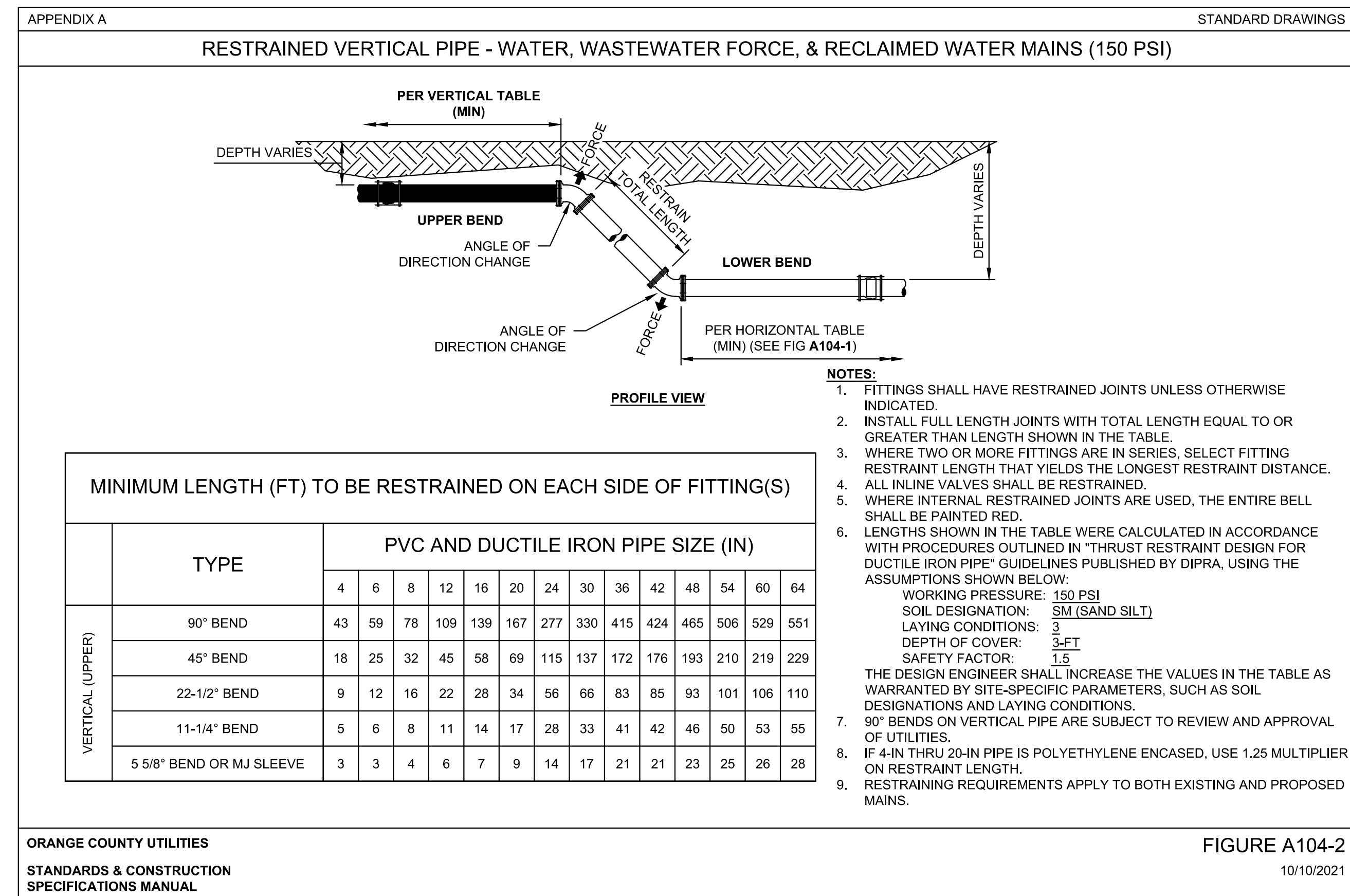
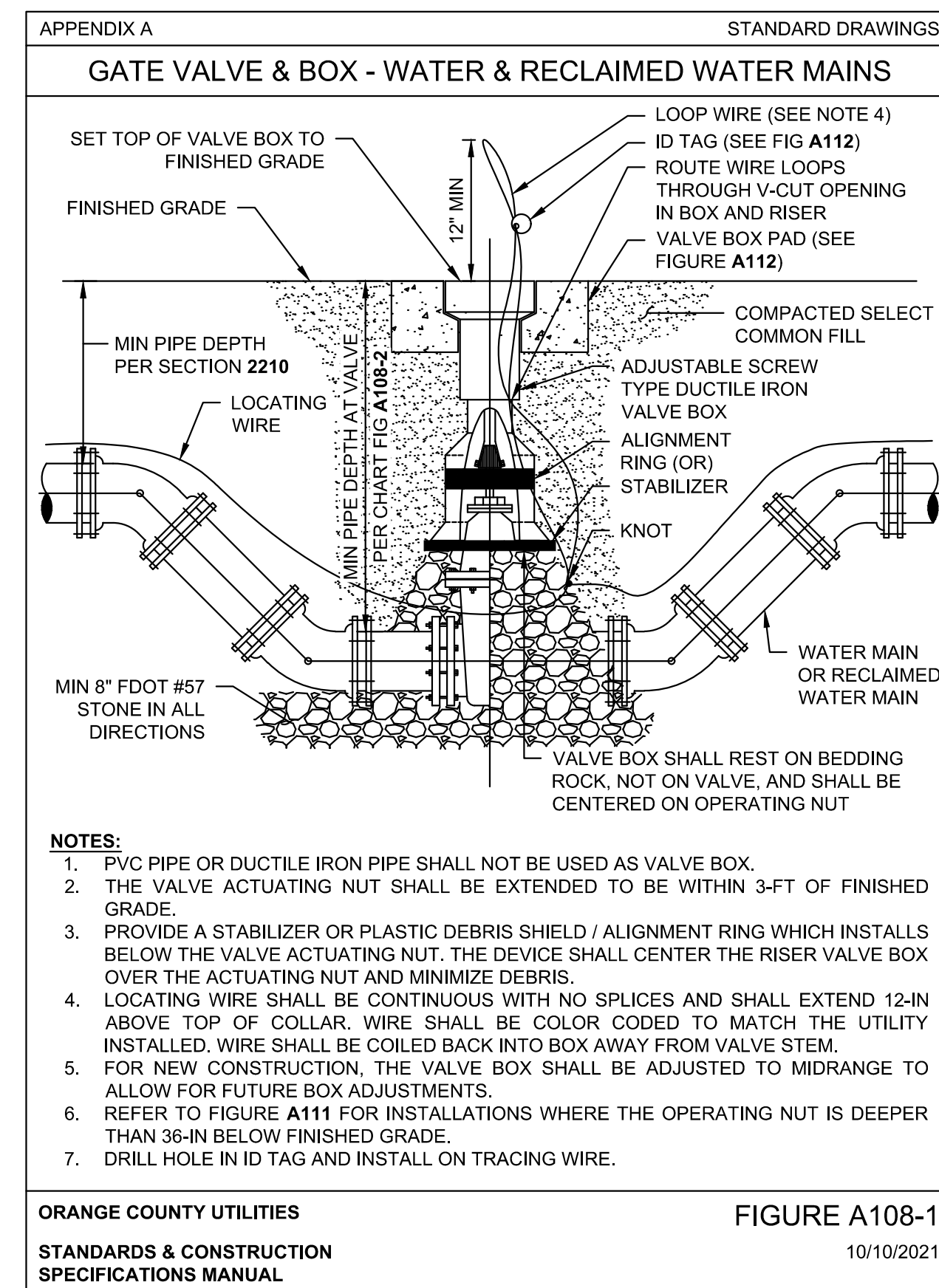
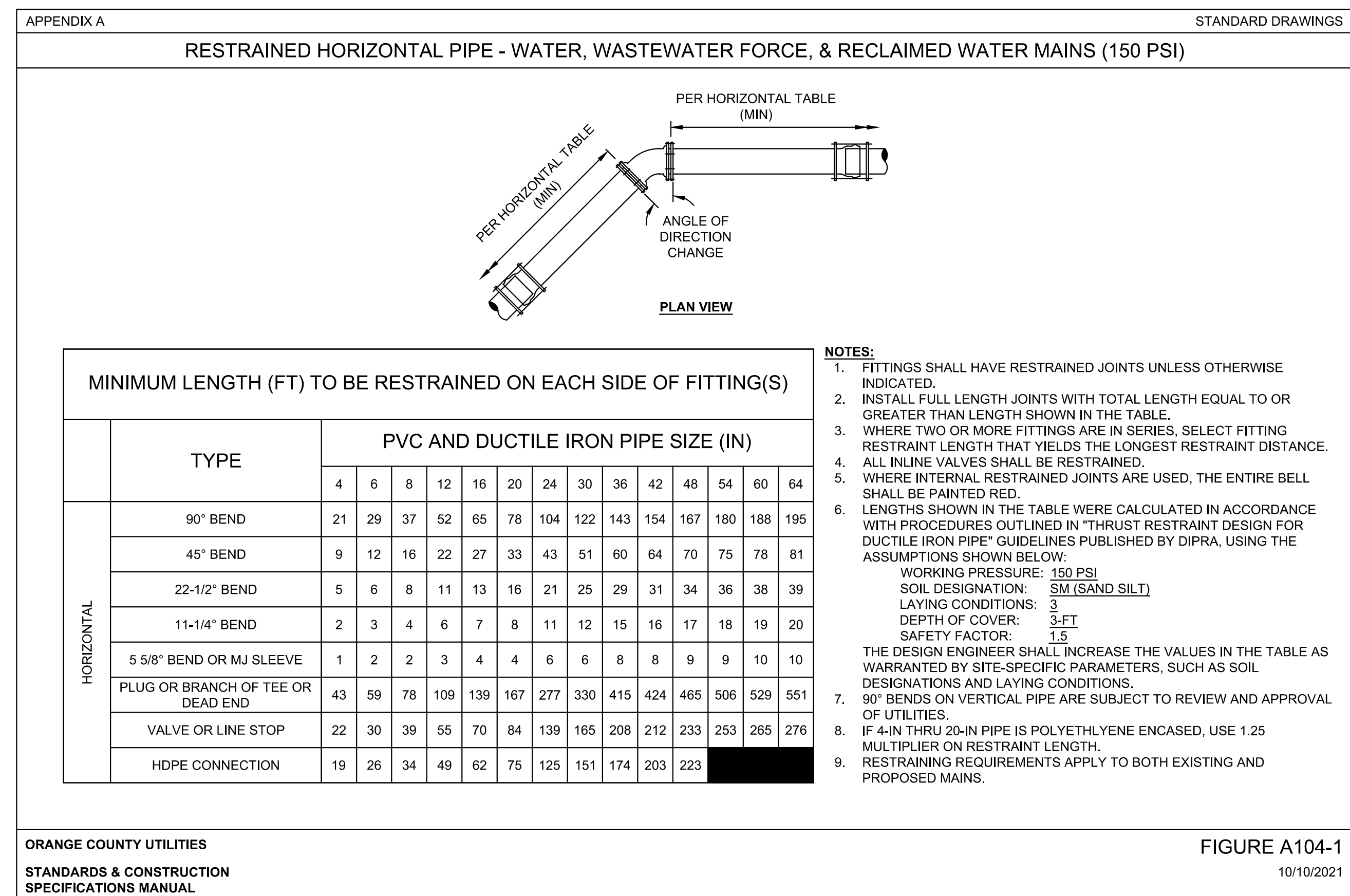
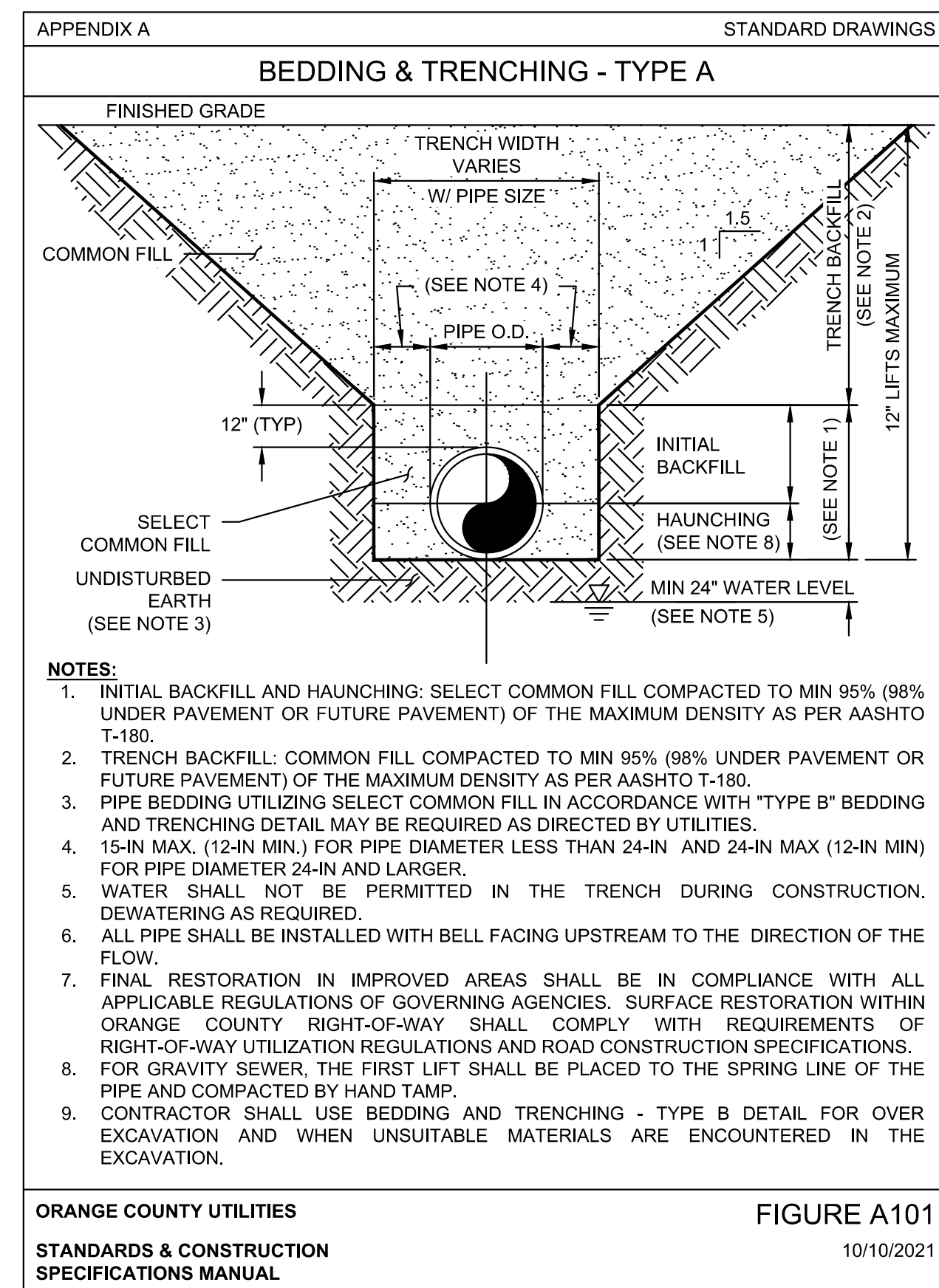
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 MARCUS I. GEIGER, P.E.
 FL LICENSE NUMBER 89199
 M/G DATE: _____
 CML
 M/G DATE: _____

KHA PROJECT 149973004
 DATE 07/11/2023
 SCALE AS SHOWN
 DESIGNED BY M/G
 DRAWN BY CML
 CHECKED BY M/G DATE: _____

GENERAL CONSTRUCTION DETAILS
 WINDERMERE DOWNTOWN PROPERTY
 TOWN OF WINDERMERE FL

SHEET NUMBER C8.5

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WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE

SHEET NUMBER C9.0

UTILITY DETAILS

DATE: 07/11/2023

SCALE: AS SHOWN

DESIGNED BY: M/G

DRAWN BY: CML

CHECKED BY: M/G

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FL LICENSE NUMBER 89199

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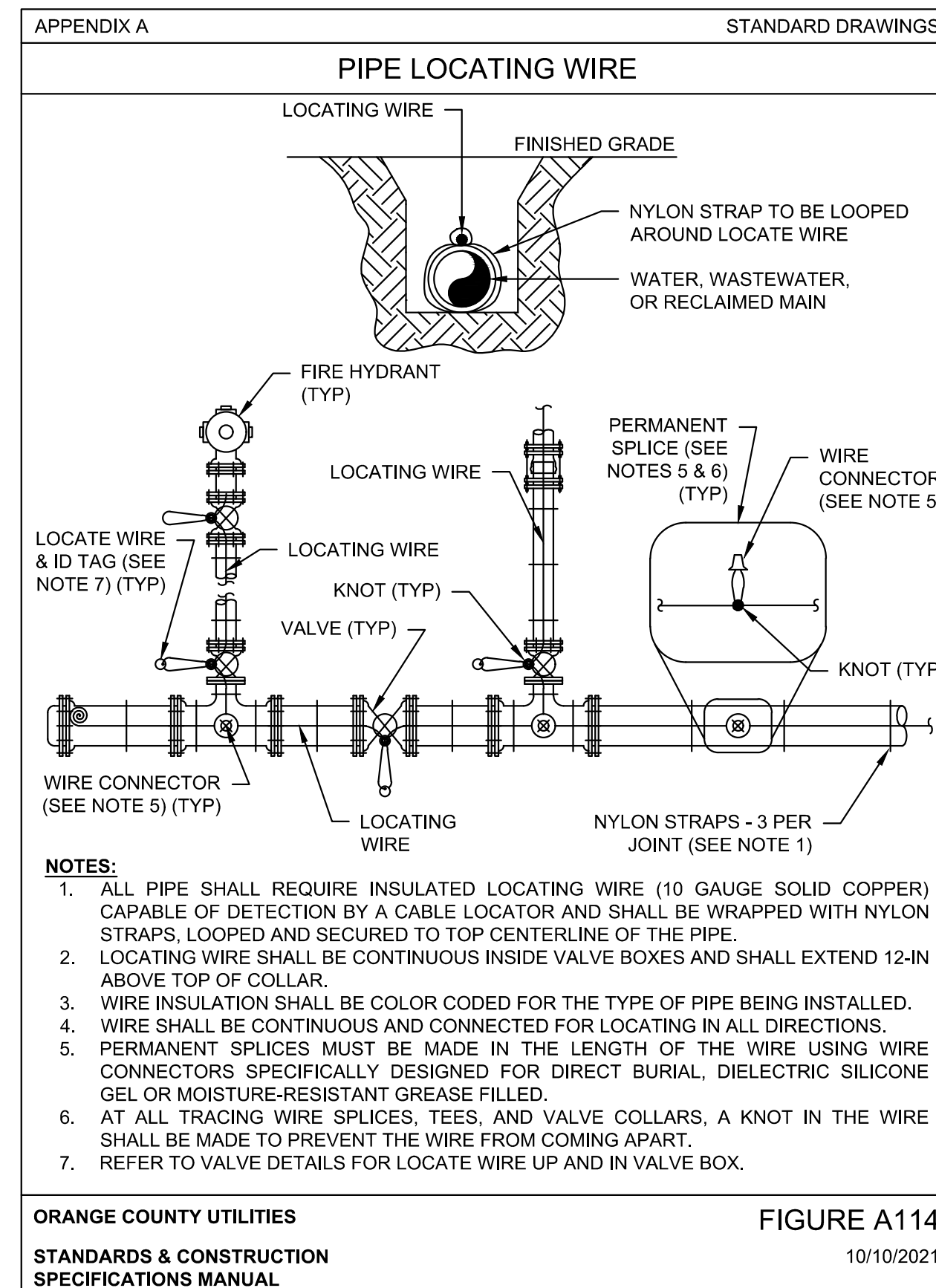
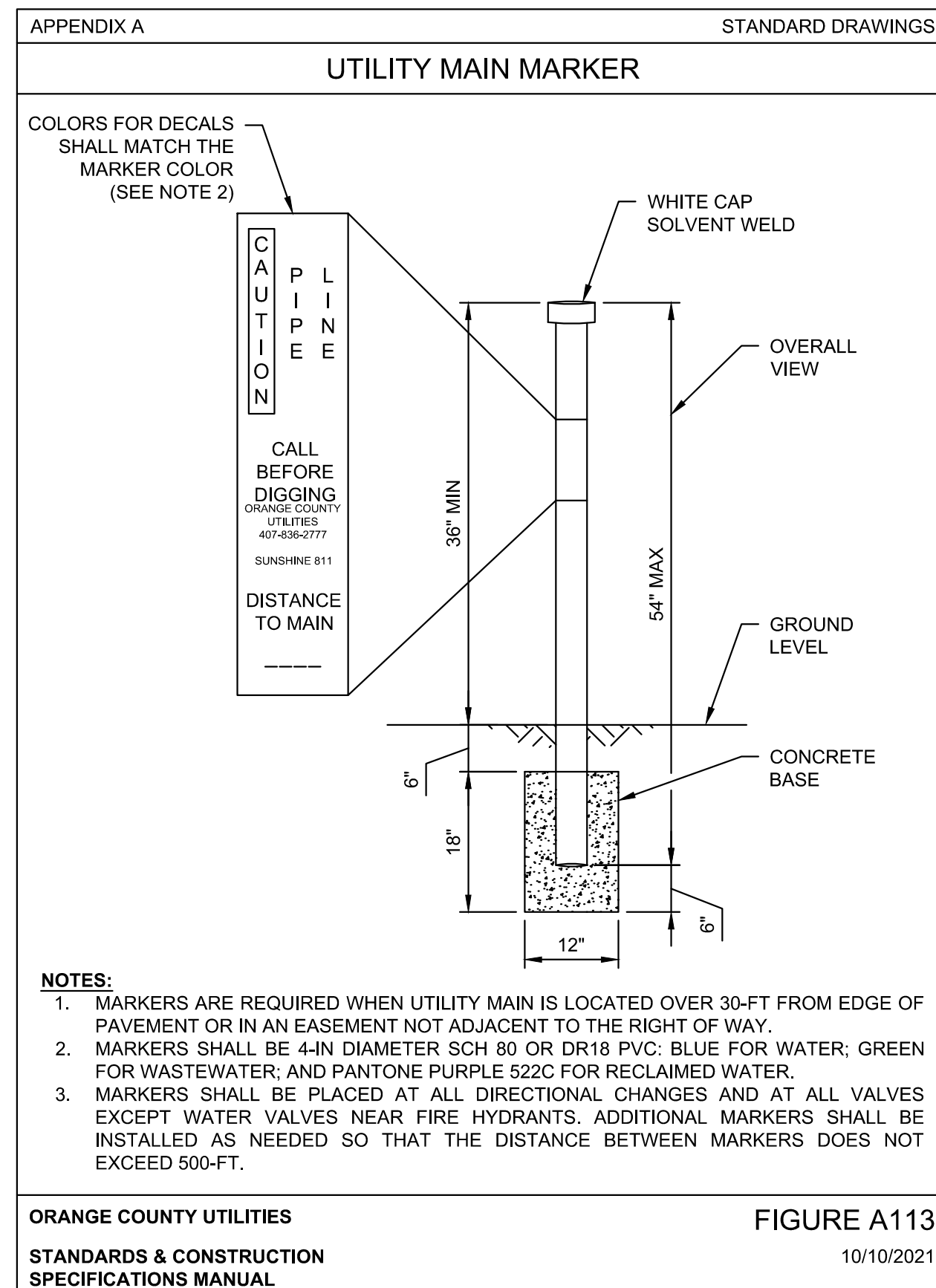
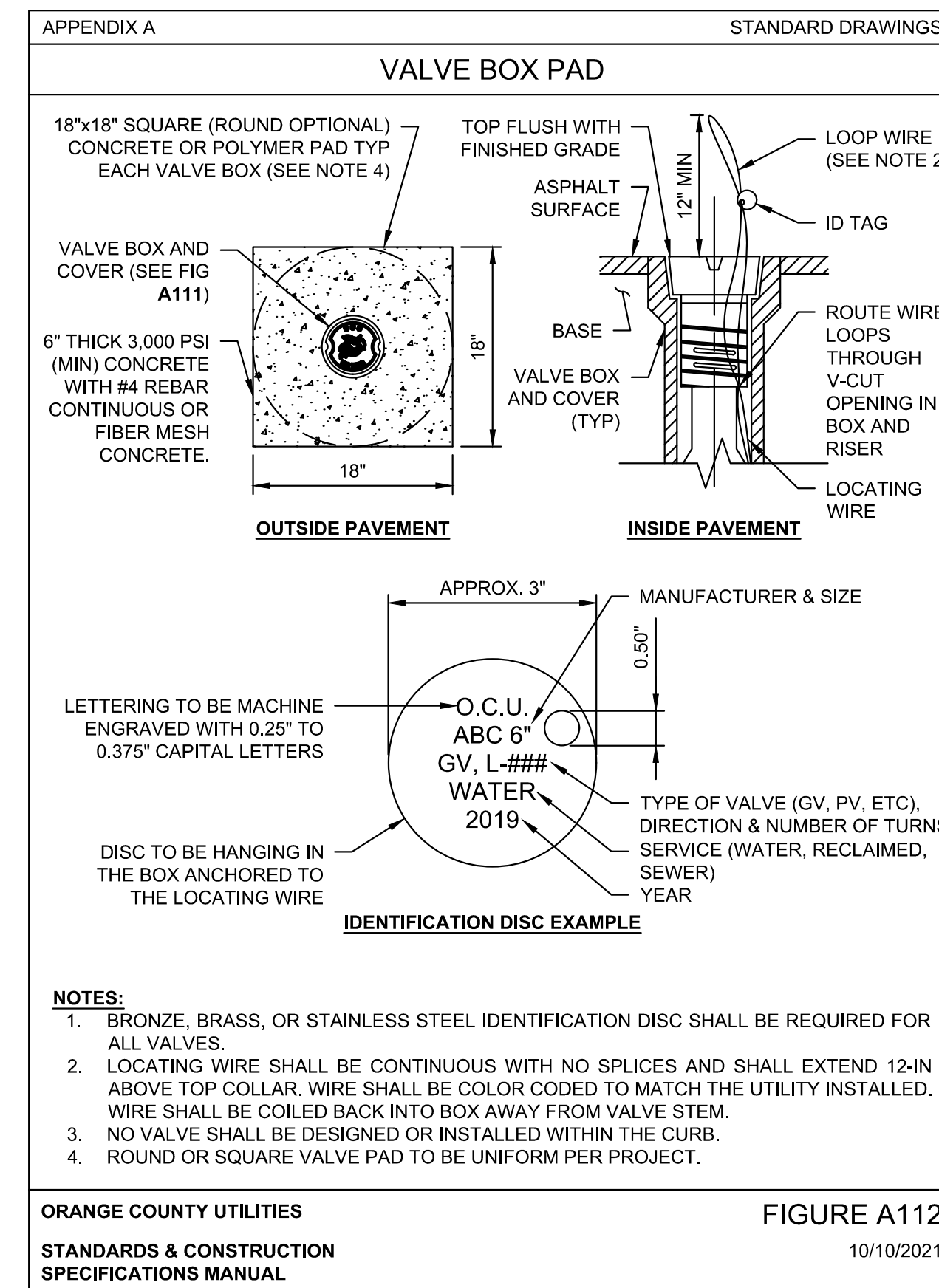
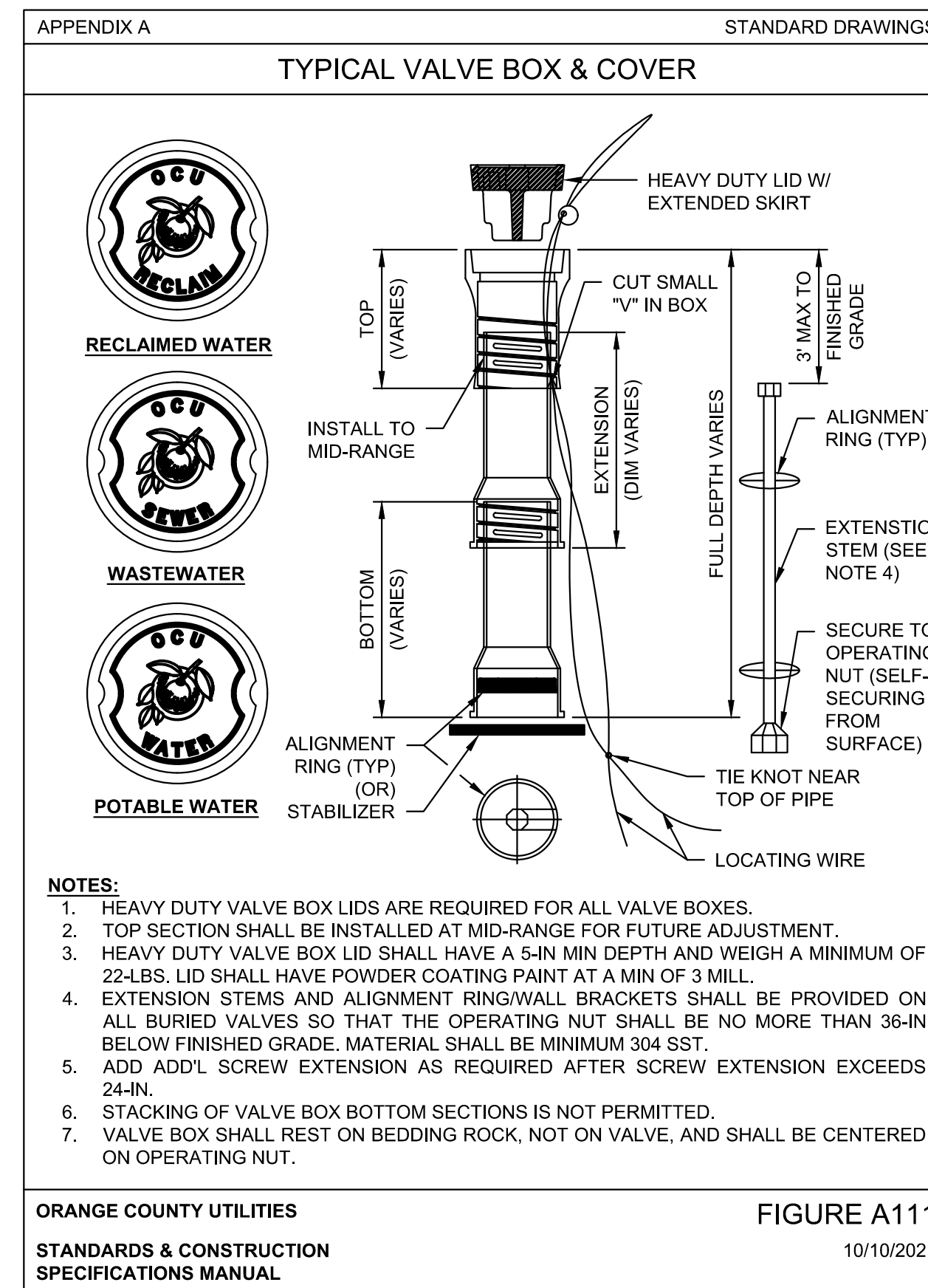
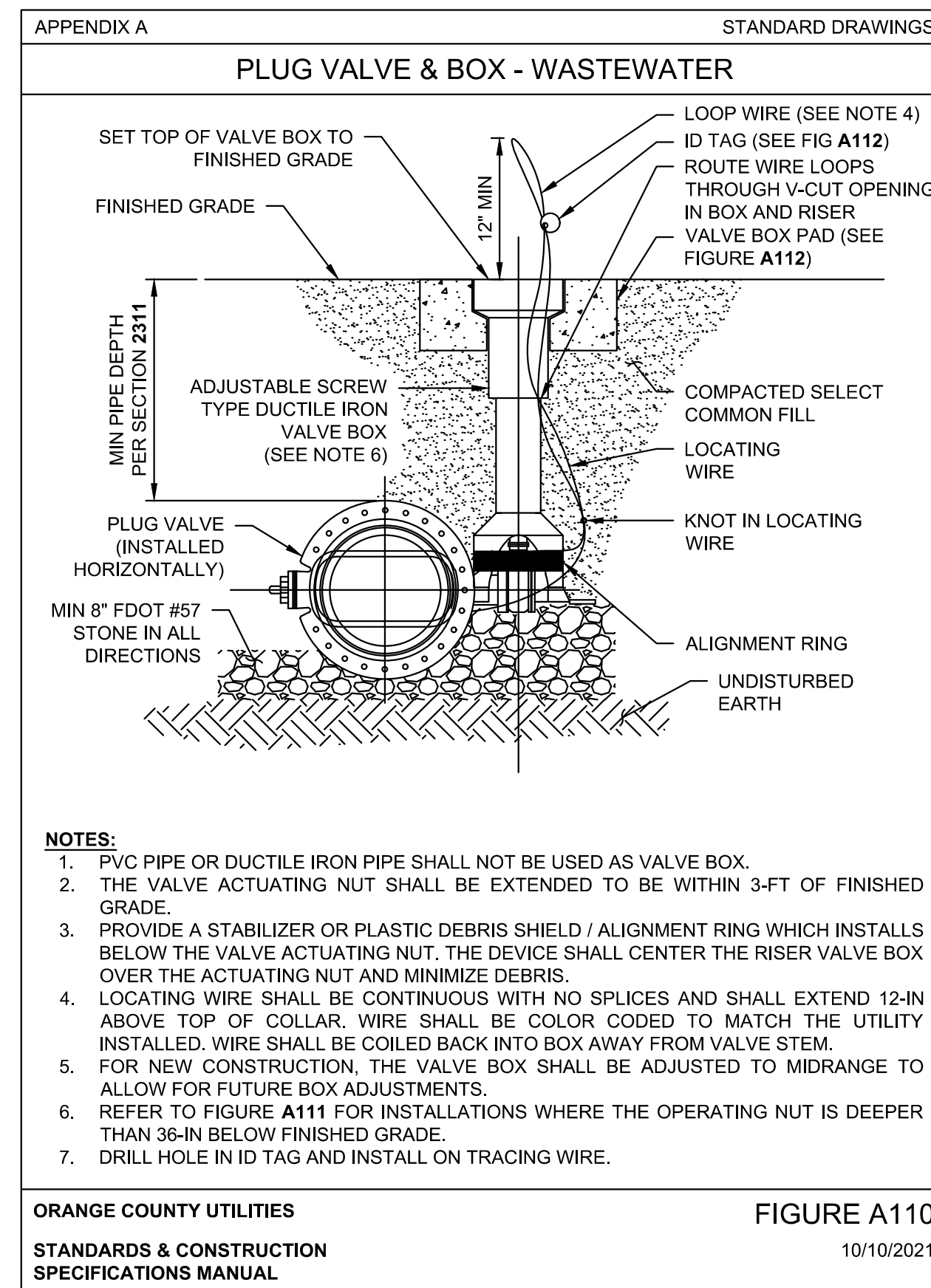
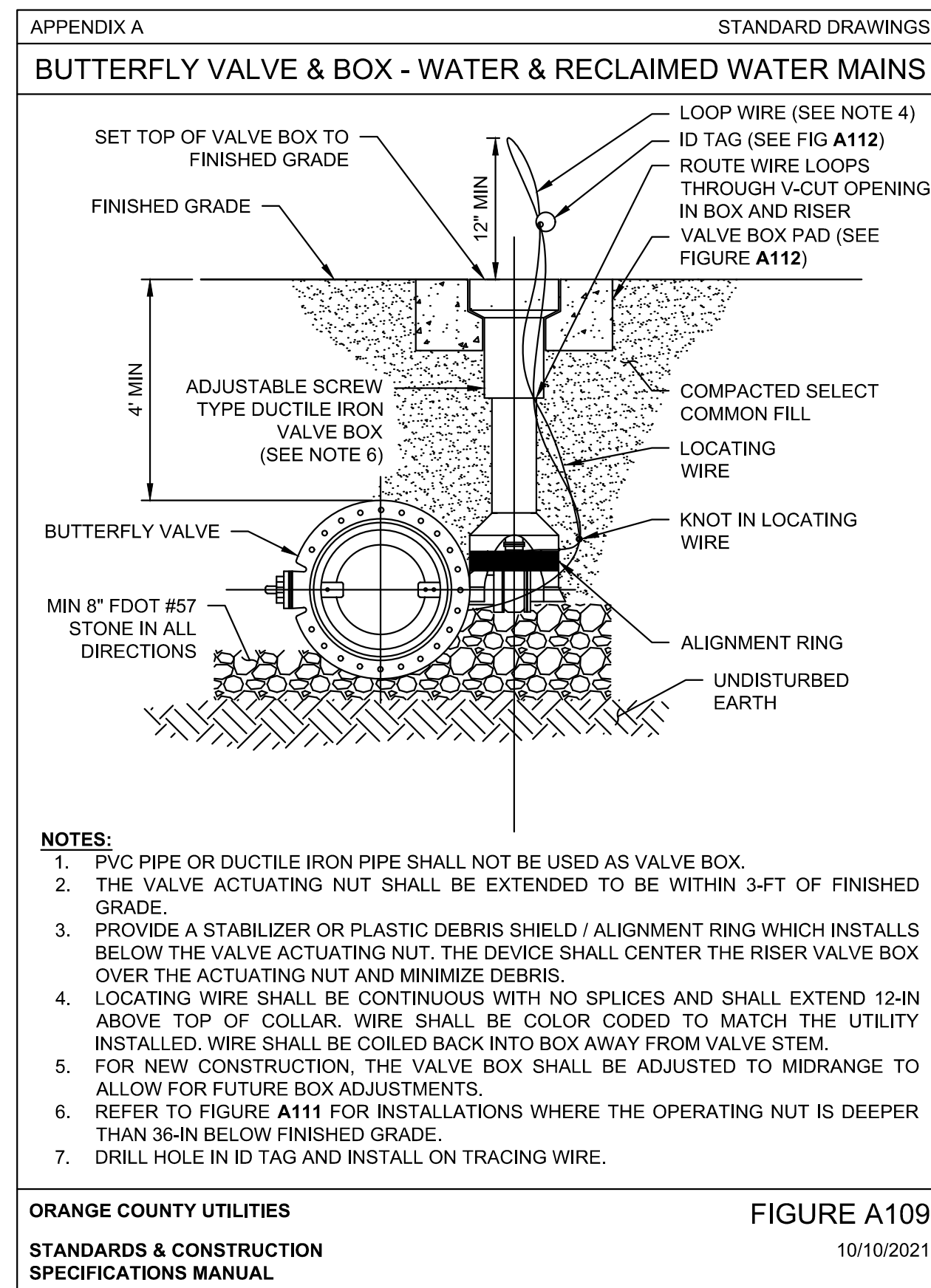
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Plotted By: Lacey, Chance Sheet Set: Windermere Downtown Property Layout: C9.1 UTILITY DETAILS July 31, 2023 04:53:25pm K:\VDR\DWG\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\CX_UTILITY_DETAILS.dwg
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APPENDIX A STANDARD DRAWINGS

HORIZONTAL PIPELINE SEPARATION REQUIREMENTS

HORIZONTAL SEPARATION REQUIREMENTS (NOTES 1 & 2)

PROPOSED UTILITY	POTABLE WATER (NOTE 3)		RECLAIMED WATER MAIN (SEE NOTE 7)		WASTEWATER FORCEMAIN		SANITARY SEWER	STORM SEWER	STRUCTURAL FOUNDATION, WALLS, ETC. (SEE NOTE 8)
	4'-12"	16"-UP	4'-12"	16"-UP	4'-12"	16"-UP	ALL SIZES	ALL SIZES	ALL SIZES
POTABLE WATER (NOTE 3)	4'-12"	3'	5'	3'	5'	6'	6'	3'	10'
	16"-UP	5'	5'	5'	5'	6'	6'	5'	15' (NOTE 5)
RECLAIMED WATER MAIN (SEE NOTE 7)	4'-12"	3'	5'	3'	5'	3'	3'	3'	10'
	16"-UP	5'	5'	5'	5'	5'	5'	5'	15' (NOTE 5)
WASTEWATER FORCEMAIN	4'-12"	6'	6'	3'	5'	3'	3'	3'	10'
	16"-UP	6'	6'	5'	5'	5'	5'	5'	15' (NOTE 5)
SANITARY SEWER	ALL SIZES	6'	6'	3'	5'	3'	3'	5'	VARIES PER DEPTH

NOTES:

- DISTANCES GIVEN ARE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE.
- THIS SEPARATION REQUIREMENT IS TO PROVIDE ACCESSIBILITY FOR CONSTRUCTION AND MAINTENANCE. FOR PIPES INSTALLED AT GREATER DEPTHS THAN THE MINIMUM OCU DESIGN STANDARDS, PROVIDE AN ADDITIONAL FOOT OF SEPARATION FOR EACH ADDITIONAL FOOT OF DEPTH.
- THIS SEPARATION REQUIREMENT COMPLIES WITH THE MINIMUM FDEP SEPARATION REQUIREMENTS OUTLINED IN 62-555.314. FAC. VARIANCES FROM THE FDEP REQUIREMENTS MUST COMPLY WITH 62-555.314(5), FAC AND MUST BE APPROVED INDIVIDUALLY BY BOTH FDEP AND UTILITIES PRIOR TO INSTALLATION.
- NO WATER PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF SANITARY OR STORM WATER MANHOLE OR STRUCTURE.
- PRESSURE MAINS 16-IN TO 24-IN MAY HAVE 10-FT SEPARATION FROM STRUCTURAL FOUNDATION, WALLS, ETC IF NEW MAINS ARE RESTRAINED FOR THE ENTIRE LENGTH.
- REFERENCE FIGURE A116-2 FOR VERTICAL PIPELINE SEPARATION REQUIREMENTS.
- RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- ADDITIONAL SEPARATION SHALL BE REQUIRED BY UTILITIES FOR CONSTRUCTION OF, INCLUDING, BUT NOT LIMITED TO: LIVE LOADS, MULTI-STORY COMMERCIAL BUILDINGS, SUPERSTRUCTURES, EMBANKMENTS, RETAINING WALLS, BRIDGES, RAILROADS, HIGH VOLTAGE TRANSMISSION MAINS, GAS MAINS, ETC.

ORANGE COUNTY UTILITIES **FIGURE A116-1**
 STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL 10/10/2021

APPENDIX A STANDARD DRAWINGS

VERTICAL PIPELINE SEPARATION REQUIREMENTS

VERTICAL SEPARATION REQUIREMENTS (NOTES 1 & 2)

PROPOSED UTILITY	POTABLE WATER (NOTE 4)	RECLAIMED WATER MAIN	WASTEWATER FORCEMAIN	SANITARY SEWER	STORM SEWER (NOTE 3)
POTABLE WATER (NOTE 4)	12"	12"	12" / 18"	12" / 18"	12" / 18"
RECLAIMED WATER MAIN	12"	12"	12"	12"	12" / 18"
WASTEWATER FORCEMAIN	12"	12"	12"	12"	12" / 18"
SANITARY SEWER	12" / 18"	12"	12"	12"	12" / 18"

NOTES:

- DISTANCES GIVEN ARE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE.
- THIS SEPARATION REQUIREMENT IS TO PROVIDE ACCESSIBILITY FOR CONSTRUCTION AND MAINTENANCE.
- THE 18-IN SEPARATION REQUIREMENT APPLIES WHEN THE STORM PIPE OR SANITARY SEWER CROSSES ABOVE THE UTILITY MAIN, AND WHEN THE STORM PIPE HAS A DIAMETER EQUAL TO OR GREATER THAN 24-IN. OTHERWISE, THE REQUIRED SEPARATION IS 12-IN.
- THIS SEPARATION REQUIREMENT COMPLIES WITH THE MINIMUM FDEP SEPARATION REQUIREMENTS OUTLINED IN 62-555.314. FAC. VARIANCES FROM THE FDEP REQUIREMENTS MUST COMPLY WITH 62-555.314(5), FAC AND MUST BE APPROVED INDIVIDUALLY BY BOTH FDEP AND UTILITIES.
- NO WATER PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF SANITARY OR STORM WATER MANHOLE OR STRUCTURE.
- REFERENCE FIGURE A116-1 FOR HORIZONTAL PIPELINE SEPARATION REQUIREMENTS.
- JOINT SPACING AT CROSSING SHALL COMPLY WITH THE MINIMUM FDEP SEPARATION REQUIREMENTS OUTLINED IN 62-555.314, F.A.C.

ORANGE COUNTY UTILITIES **FIGURE A116-2**
 STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL 10/10/2021

WINDERMERE DOWNTOWN PROPERTY

UTILITY DETAILS

TOWN OF WINDERMERE

SHEET NUMBER

C9.1

ORANGE COUNTY UTILITIES

REVISIONS

DATE

Kimley»Horn

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 PHONE: 407-898-1511
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LICENSED PROFESSIONAL

MARCUS I. DEIGER, P.E.

FL LICENSE NUMBER 89199

KHA PROJECT 149973004

DATE 07/11/2023

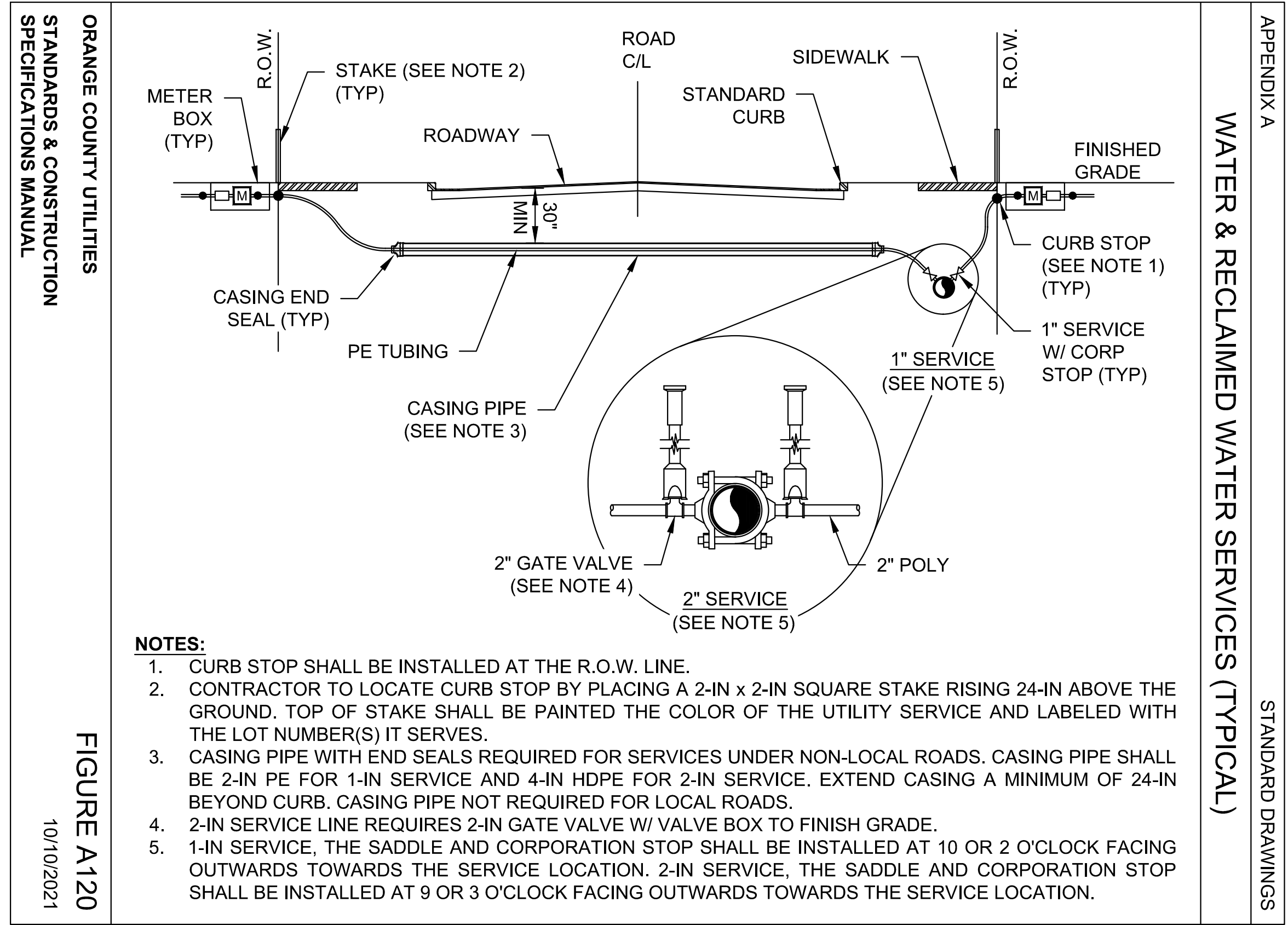
SCALE AS SHOWN

DESIGNED BY M/G

DRAWN BY CML

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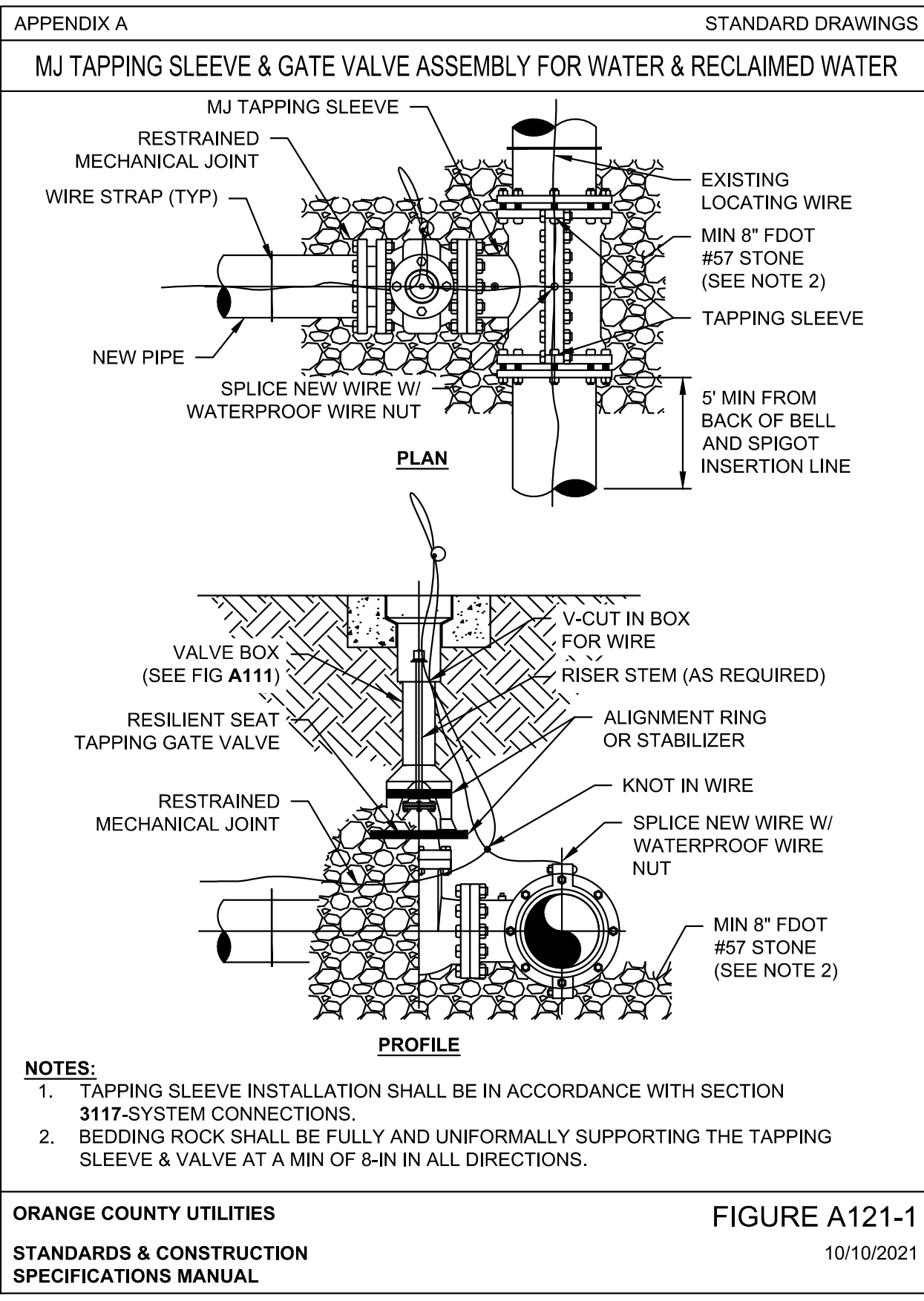
Plotted By: Lachey, Chance Sheet Set: Windermere Downtown Property Layout: C9.2 UTILITY DETAILS July 31, 2023 04:53:28pm K:\VRL\Civil\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\CX UTILITY DETAILS.dwg
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- NOTES:**
- CURB STOP SHALL BE INSTALLED AT THE R.O.W. LINE.
 - CONTRACTOR TO LOCATE CURB STOP BY PLACING A 2-IN x 2-IN SQUARE STAKE RISING 24-IN ABOVE THE GROUND. TOP OF STAKE SHALL BE PAINTED THE COLOR OF THE UTILITY SERVICE AND LABELED WITH THE LOT NUMBER(S) IT SERVES.
 - CASING PIPE WITH END SEALS REQUIRED FOR SERVICES UNDER NON-LOCAL ROADS. CASING PIPE SHALL BE 2-IN PE FOR 1-IN SERVICE AND 4-IN HDPE FOR 2-IN SERVICE. EXTEND CASING A MINIMUM OF 24-IN BEYOND CURB. CASING PIPE NOT REQUIRED FOR LOCAL ROADS.
 - 2-IN SERVICE LINE REQUIRES 2-IN GATE VALVE W/ VALVE BOX TO FINISH GRADE.
 - 1-IN SERVICE, THE SADDLE AND CORPORATION STOP SHALL BE INSTALLED AT 10 OR 2 O'CLOCK FACING OUTWARDS TOWARDS THE SERVICE LOCATION. 2-IN SERVICE, THE SADDLE AND CORPORATION STOP SHALL BE INSTALLED AT 9 OR 3 O'CLOCK FACING OUTWARDS TOWARDS THE SERVICE LOCATION.

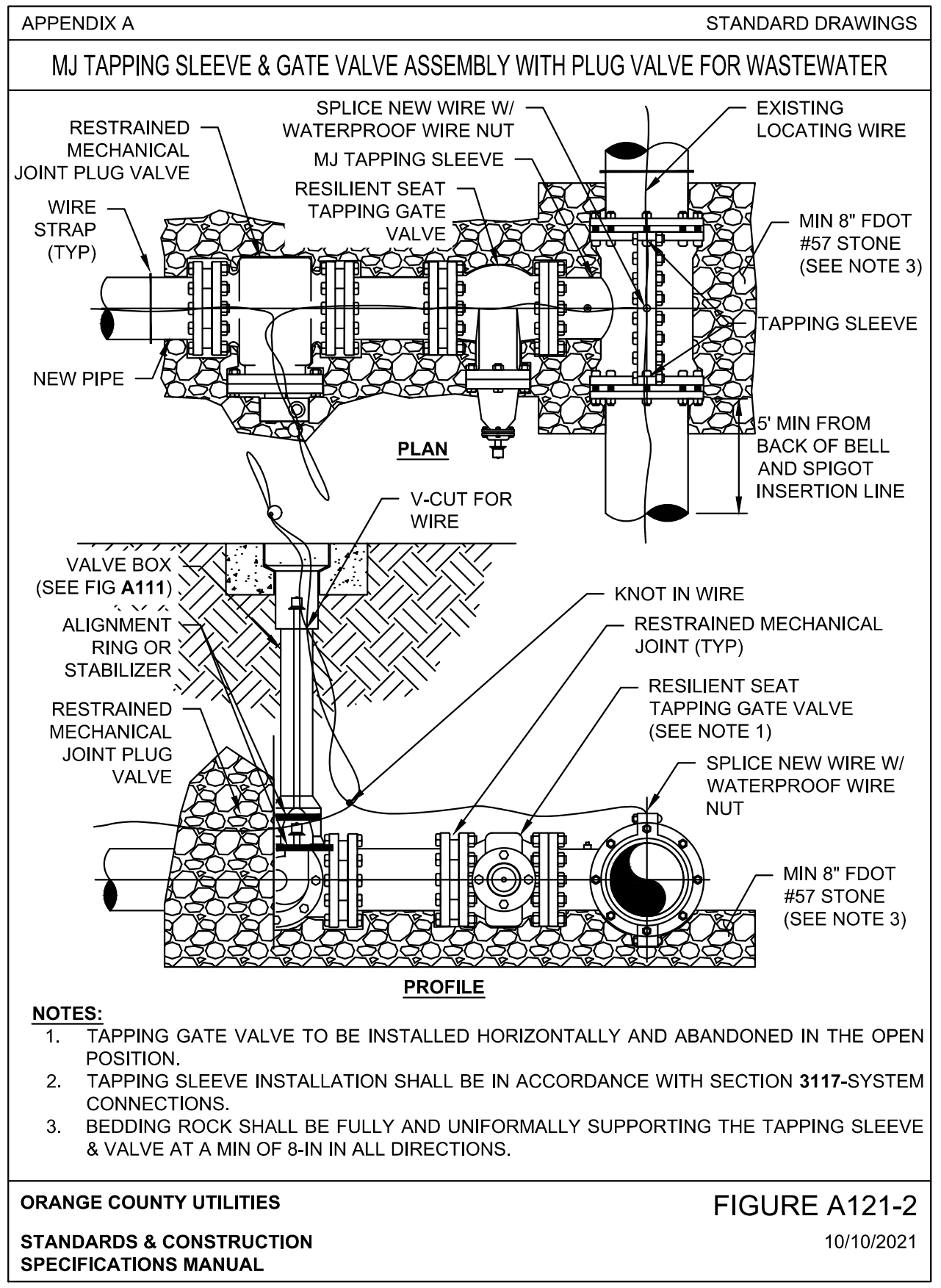
ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL
 FIGURE A120
 10/10/2021

APPENDIX A
 WATER & RECLAIMED WATER SERVICES (TYPICAL)
 STANDARD DRAWINGS



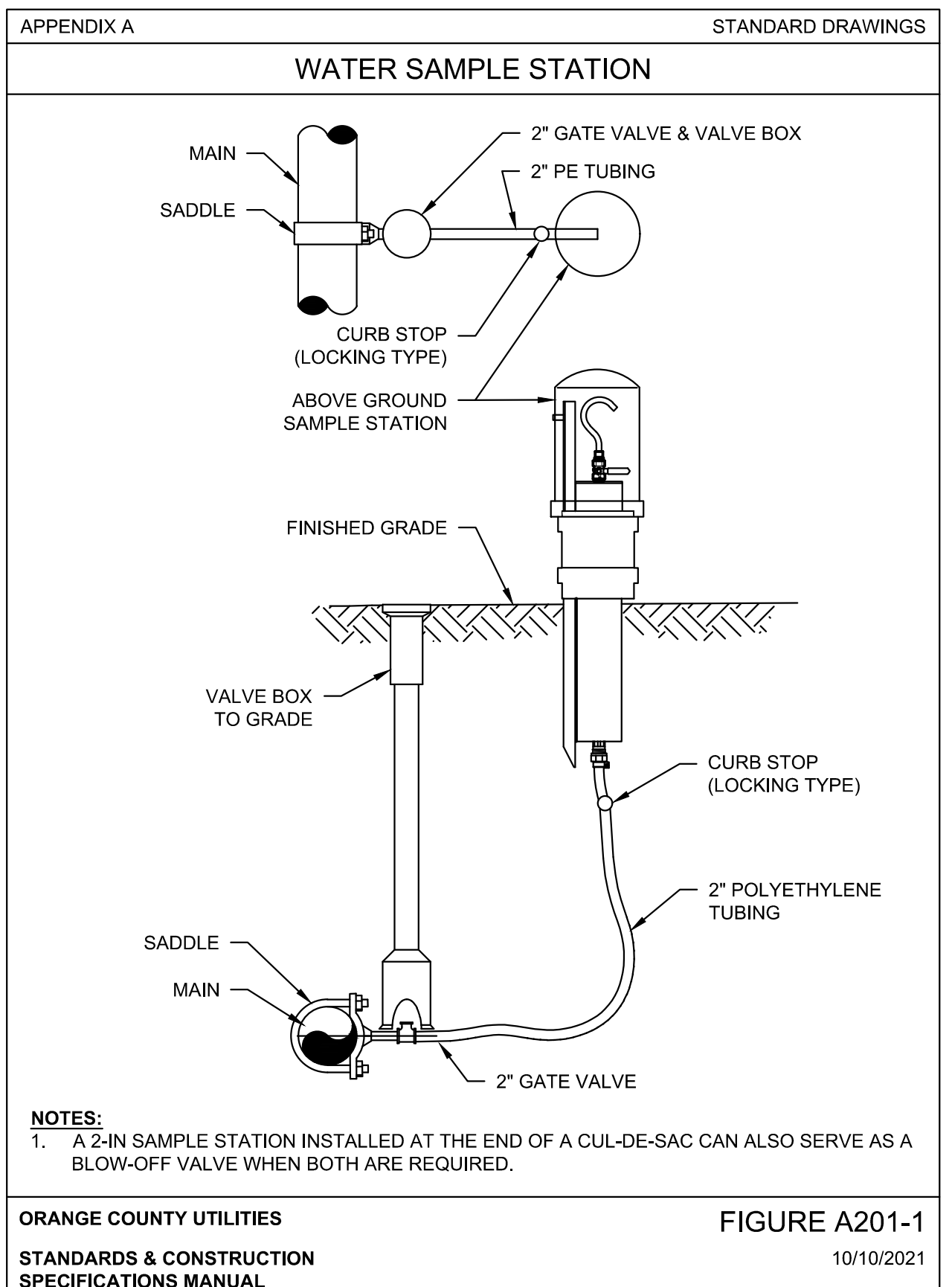
- NOTES:**
- TAPPING SLEEVE INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 3117-SYSTEM CONNECTIONS.
 - BEDDING ROCK SHALL BE FULLY AND UNIFORMLY SUPPORTING THE TAPPING SLEEVE & VALVE AT A MIN OF 8-IN IN ALL DIRECTIONS.

ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL
 FIGURE A121-1
 10/10/2021



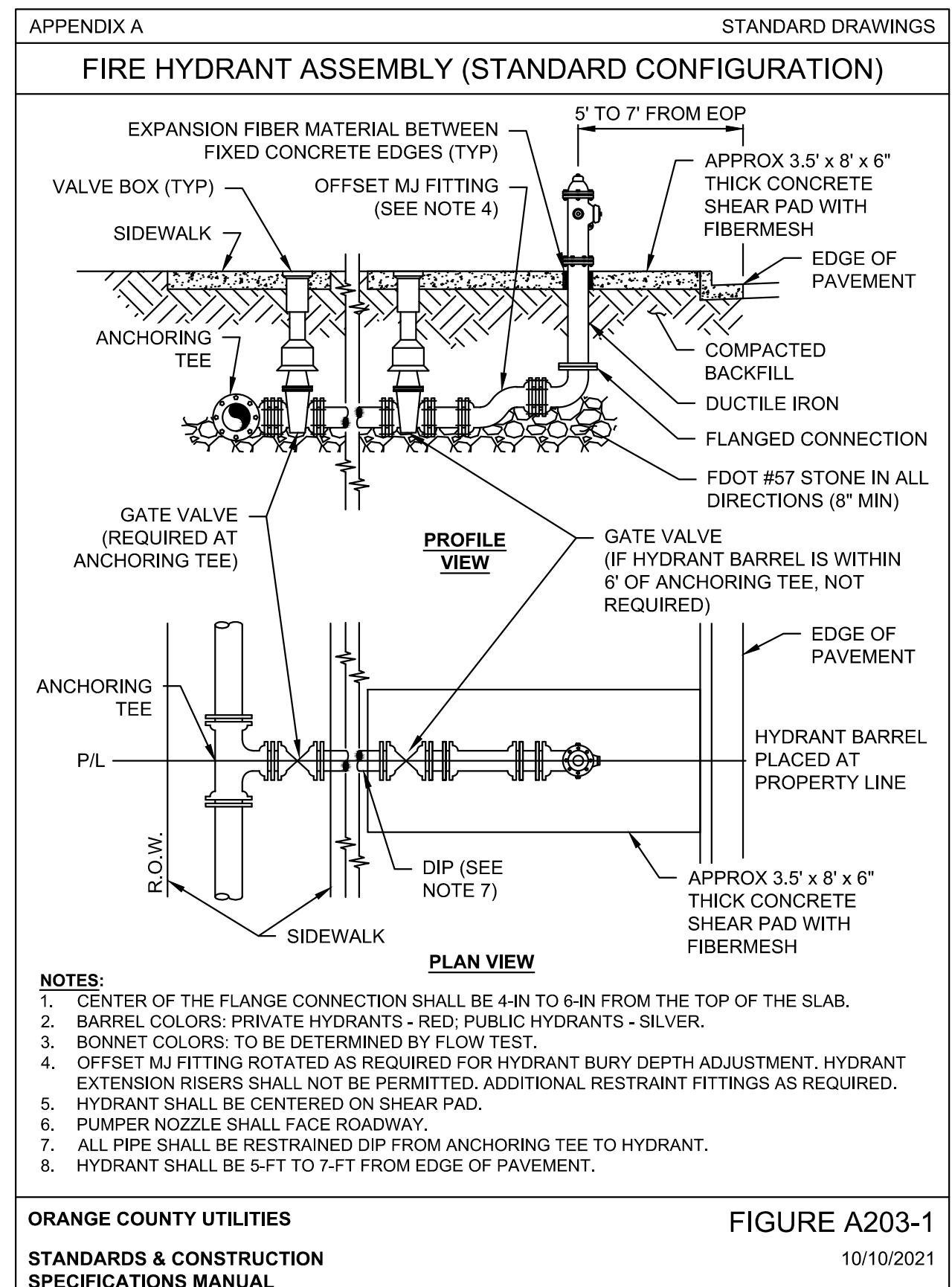
- NOTES:**
- TAPPING GATE VALVE TO BE INSTALLED HORIZONTALLY AND ABANDONED IN THE OPEN POSITION.
 - TAPPING SLEEVE INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 3117-SYSTEM CONNECTIONS.
 - BEDDING ROCK SHALL BE FULLY AND UNIFORMLY SUPPORTING THE TAPPING SLEEVE & VALVE AT A MIN OF 8-IN IN ALL DIRECTIONS.

ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL
 FIGURE A121-2
 10/10/2021



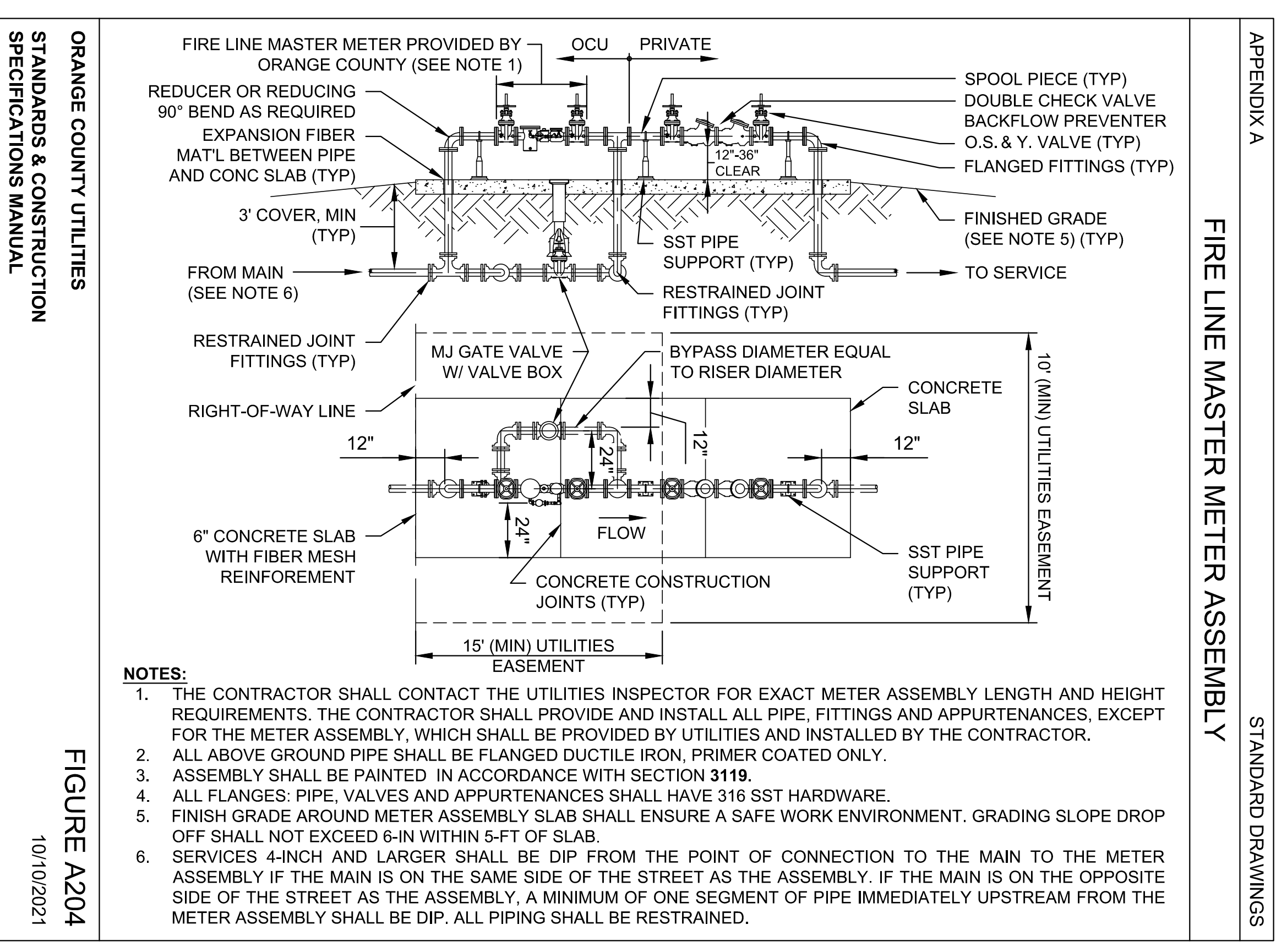
- NOTES:**
- A 2-IN SAMPLE STATION INSTALLED AT THE END OF A CUL-DE-SAC CAN ALSO SERVE AS A BLOW-OFF VALVE WHEN BOTH ARE REQUIRED.

ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL
 FIGURE A201-1
 10/10/2021



- NOTES:**
- CENTER OF THE FLANGE CONNECTION SHALL BE 4-IN TO 6-IN FROM THE TOP OF THE SLAB.
 - BARREL COLORS: PRIVATE HYDRANTS - RED; PUBLIC HYDRANTS - SILVER.
 - BONNET COLORS: TO BE DETERMINED BY FLOW TEST.
 - OFFSET MJ FITTING ROTATED AS REQUIRED FOR HYDRANT BURY DEPTH ADJUSTMENT. HYDRANT EXTENSION RISERS SHALL NOT BE PERMITTED. ADDITIONAL RESTRAINT FITTINGS AS REQUIRED.
 - HYDRANT SHALL BE CENTERED ON SHEAR PAD.
 - PUMPER NOZZLE SHALL FACE ROADWAY.
 - ALL PIPE SHALL BE RESTRAINED DIP FROM ANCHORING TEE TO HYDRANT.
 - HYDRANT SHALL BE 5-FT TO 7-FT FROM EDGE OF PAVEMENT.

ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL
 FIGURE A203-1
 10/10/2021

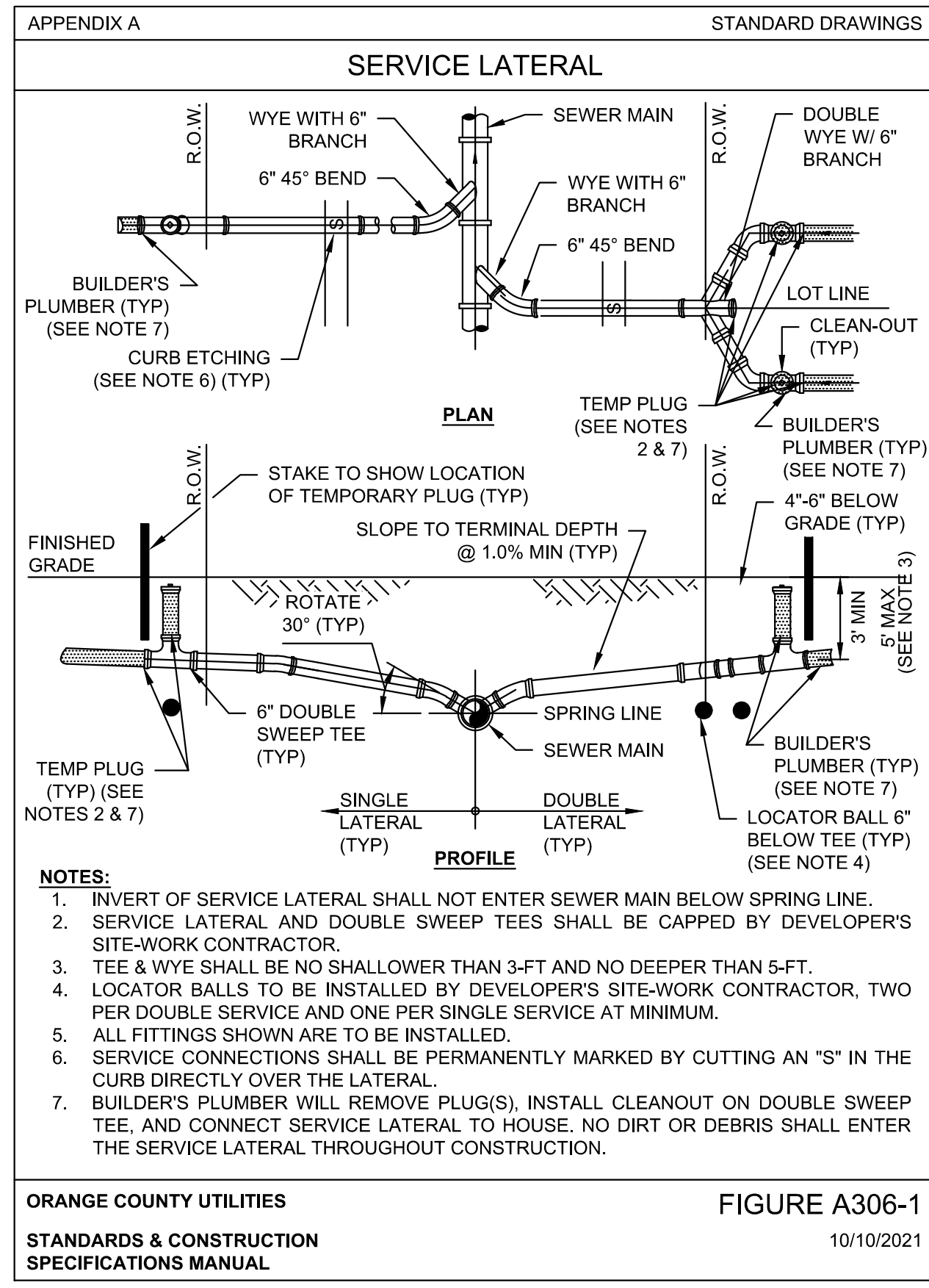
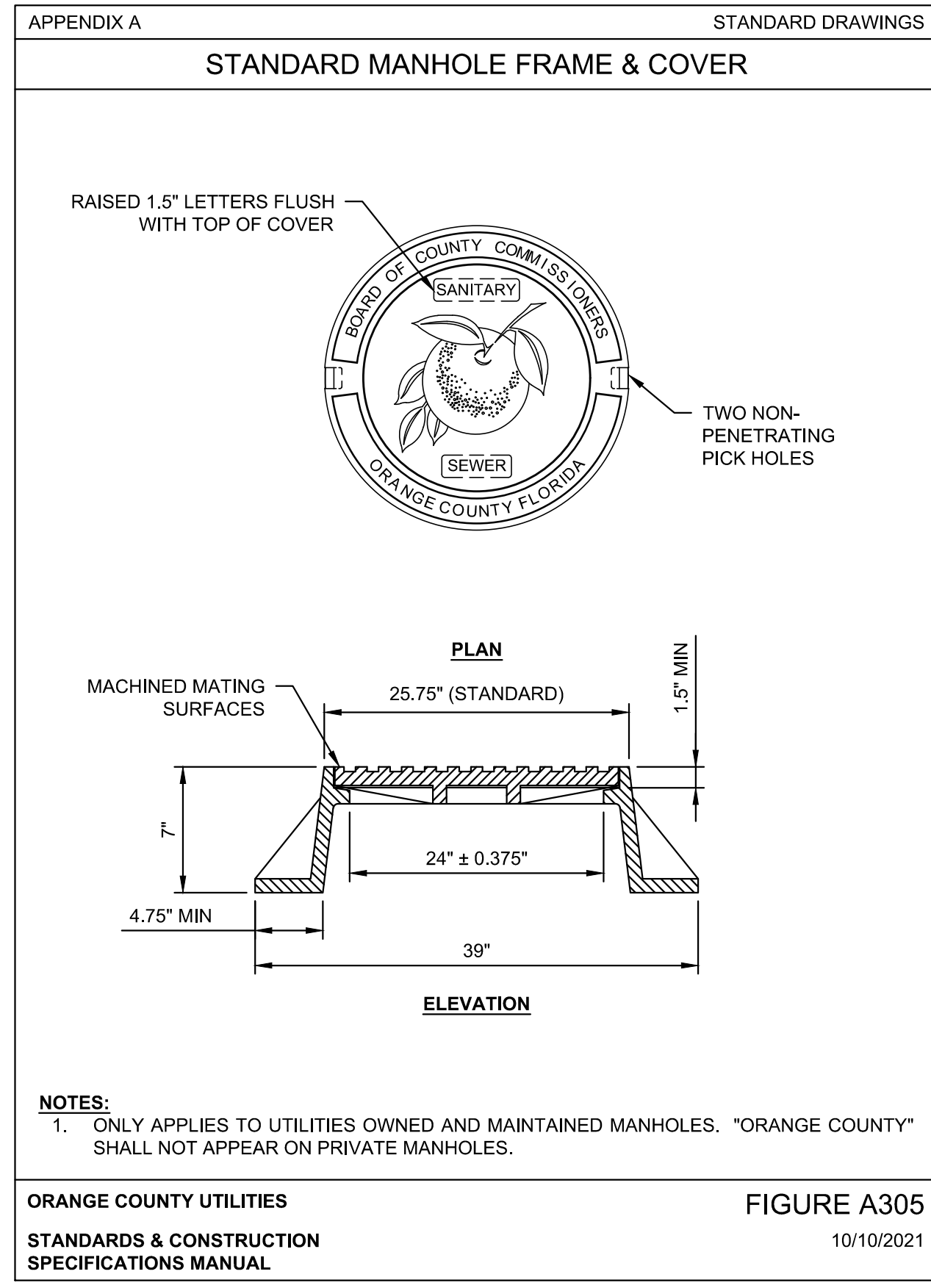
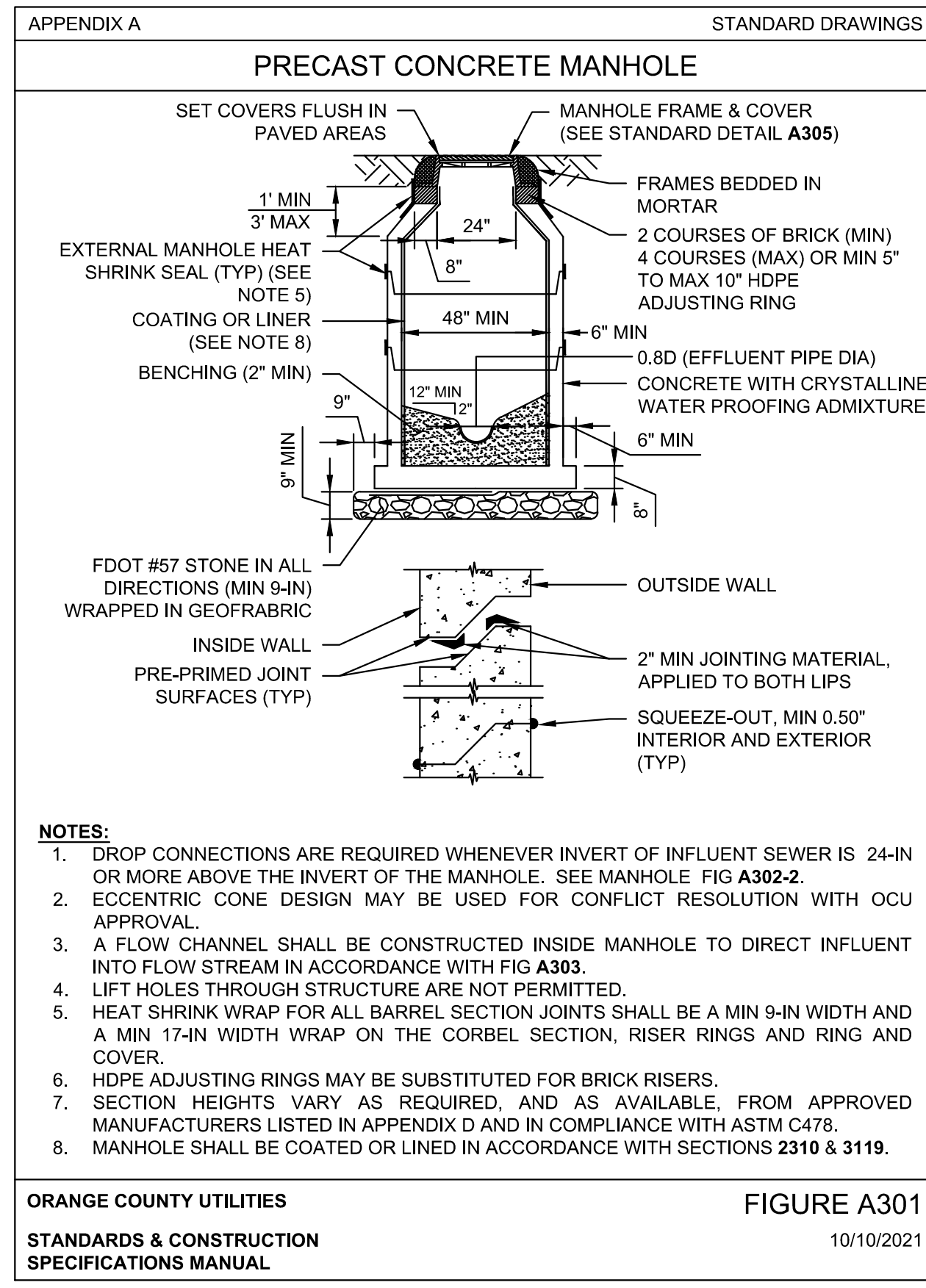


- NOTES:**
- THE CONTRACTOR SHALL CONTACT THE UTILITIES INSPECTOR FOR EXACT METER ASSEMBLY LENGTH AND HEIGHT REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL PIPE, FITTINGS AND APPURTENANCES, EXCEPT FOR THE METER ASSEMBLY, WHICH SHALL BE PROVIDED BY UTILITIES AND INSTALLED BY THE CONTRACTOR.
 - ALL ABOVE GROUND PIPE SHALL BE FLANGED DUCTILE IRON, PRIMER COATED ONLY.
 - ASSEMBLY SHALL BE PAINTED IN ACCORDANCE WITH SECTION 3119.
 - ALL FLANGES: PIPE, VALVES AND APPURTENANCES SHALL HAVE 316 SST HARDWARE.
 - FINISH GRADE AROUND METER ASSEMBLY SLAB SHALL ENSURE A SAFE WORK ENVIRONMENT. GRADING SLOPE DROP OFF SHALL NOT EXCEED 6-IN WITHIN 5-FT OF SLAB.
 - SERVICES 4-INCH AND LARGER SHALL BE DIP FROM THE POINT OF CONNECTION TO THE MAIN TO THE METER ASSEMBLY IF THE MAIN IS ON THE SAME SIDE OF THE STREET AS THE ASSEMBLY. IF THE MAIN IS ON THE OPPOSITE SIDE OF THE STREET AS THE ASSEMBLY, A MINIMUM OF ONE SEGMENT OF PIPE IMMEDIATELY UPSTREAM FROM THE METER ASSEMBLY SHALL BE DIP. ALL PIPING SHALL BE RESTRAINED.

ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION SPECIFICATIONS MANUAL
 FIGURE A204
 10/10/2021

KHA PROJECT 149973004		DATE 07/11/2023		SCALE AS SHOWN		DESIGNED BY M/G		DRAWN BY CML		CHECKED BY M/G		DATE			
LICENSURE PROFESSIONAL				MARCUS I. DEIGER, P.E.				FL LICENSE NUMBER 89199				REGISTRY NO. 35106			
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UTILITY DETAILS												TOWN OF WINDERMERE			
WINDERMERE DOWNTOWN PROPERTY												SHEET NUMBER C9.2			

Plotted By: Lacey, Chance - Sheet Set: Windermere Downtown Property - Layout: C9.3 UTILITY DETAILS - July 31, 2023 - 04:53:30pm - K:\VRL\Civil\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\CX UTILITY DETAILS.dwg
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NO.	REVISIONS	DATE	BY

Kimley >>> Horn

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 PHONE: 407-898-1511
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

LICENSED PROFESSIONAL	MARCUS I. GEIGER, P.E.
KHA PROJECT 149973004	FL LICENSE NUMBER 89199
DATE 07/11/2023	CHECKED BY M/G DATE: _____
SCALE AS SHOWN	DRAWN BY CML
DESIGNED BY M/G	M/G DATE: _____

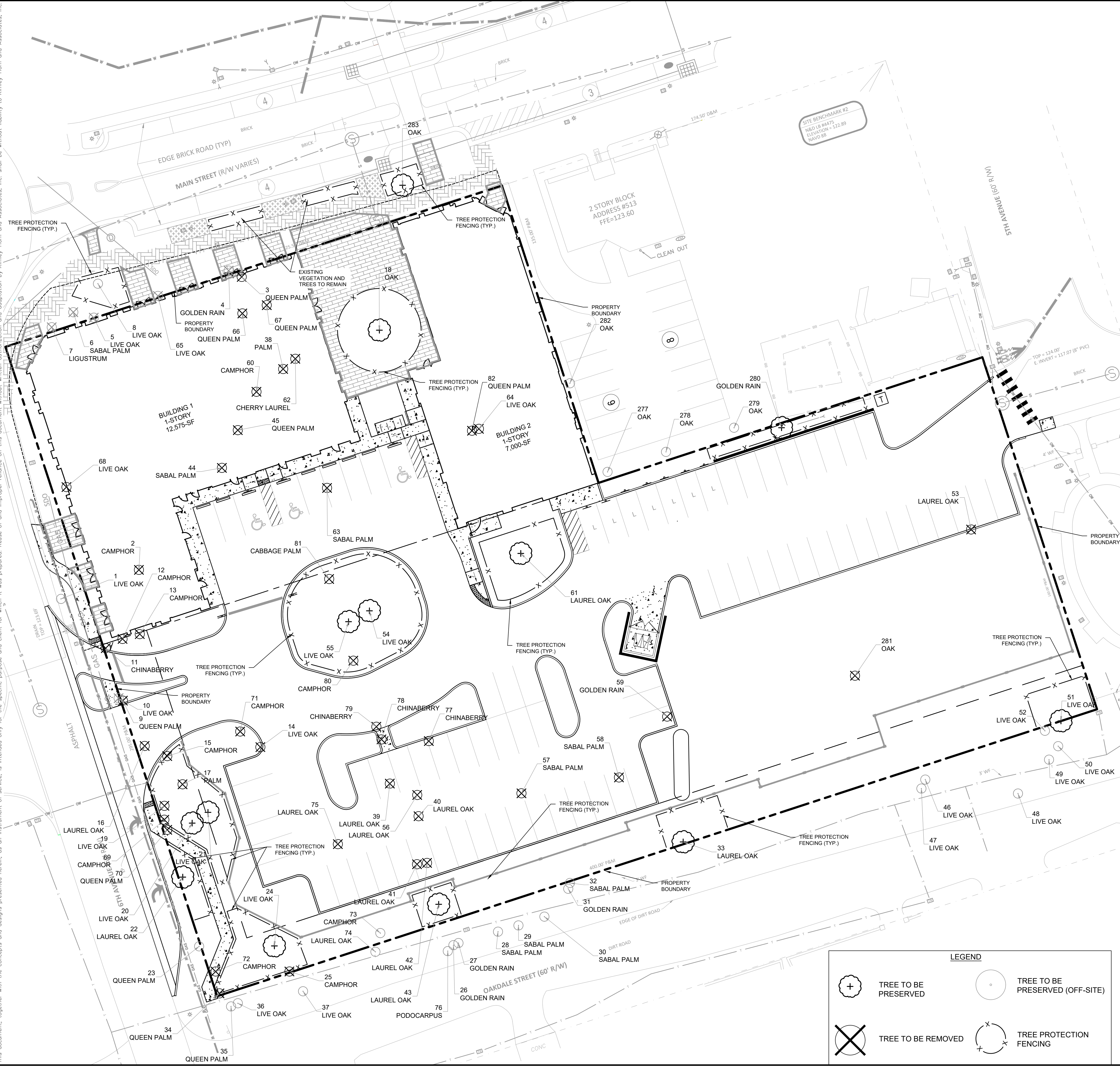
UTILITY DETAILS

WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE FL

SHEET NUMBER **C9.3**

Plotted By: Abbott, Nora Sheet Set: Windermere Downtown Property Layout: L0.50 July 31, 2023 04:00:17pm K:\ORL_Civil\149975004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\L0.50 - TREE MITIGATION PLAN.dwg
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CALL 2 WORKING DAYS BEFORE YOU DIG
IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.
 SUNSHINE STATE ONE CALL OF FLORIDA, INC.

WINDERMERE DOWNTOWN TREE MITIGATION CHART					
Tree Number	Species	DBH	Status	Reason	Location
1	LIVE OAK	15	PRESERVE		OFF-SITE
2	CAMPHOR	30	REMOVE	PROP. BUILDING	ONSITE
3	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE
4	GOLDEN RAIN	23	REMOVE		OFF-SITE
5	LIVE OAK	29	REMOVE	PROP. BUILDING	OFF-SITE
6	SABAL PALM	19	REMOVE		OFF-SITE
7	LIGUSTRUM	11	REMOVE	PROP. BUILDING	OFF-SITE
8	LIVE OAK	25	PRESERVE		OFF-SITE
9	QUEEN PALM	8	REMOVE	INGRESS/EGRESS	ONSITE
10	QUEEN PALM	9	REMOVE	INGRESS/EGRESS	OFF-SITE
11	CHINABERRY	20	REMOVE	INVASIVE	ONSITE
12	CAMPHOR	16	REMOVE	INVASIVE	ONSITE
13	CAMPHOR	10	REMOVE	INVASIVE	ONSITE
14	LIVE OAK	37	REMOVE	PROPOSED PARKING	ONSITE
15	CAMPHOR	36	REMOVE	INVASIVE	ONSITE
16	LAUREL OAK	31	REMOVE	INGRESS/EGRESS	ONSITE
17	PALM	10	REMOVE	PROPOSED WALL	ONSITE
18	OAK	38	PRESERVE		ONSITE
19	LIVE OAK	28	REMOVE	PROP. SIDE WALK	ONSITE
20	LIVE OAK	29	PRESERVE	PROPOSED WALL	ONSITE
21	LIVE OAK	21	PRESERVE	PROPOSED WALL	ONSITE
22	LAUREL OAK	23	PRESERVE		ONSITE
23	QUEEN PALM	8	PRESERVE		OFF-SITE
24	LIVE OAK	34	PRESERVE		ONSITE
25	CAMPHOR	28	REMOVE	INVASIVE	ONSITE
26	GOLDEN RAIN	10	PRESERVE	INVASIVE	OFF-SITE
27	GOLDEN RAIN	12	PRESERVE	INVASIVE	OFF-SITE
28	SABAL PALM	15	PRESERVE		OFF-SITE
29	SABAL PALM	17	PRESERVE		OFF-SITE
30	SABAL PALM	18	PRESERVE		OFF-SITE
31	GOLDEN RAIN	11	PRESERVE	INVASIVE	OFF-SITE
32	SABAL PALM	17	PRESERVE		OFF-SITE
33	OAK	36	PRESERVE		ONSITE
34	QUEEN PALM	10	REMOVE	PROP. SIDEWALK	ONSITE
35	QUEEN PALM	9	PRESERVE		OFF-SITE
36	LIVE OAK	25	PRESERVE		OFF-SITE
37	LIVE OAK	29	PRESERVE		OFF-SITE
38	PALM	10	REMOVE	PROP. BUILDING DEAD	ONSITE
39	LAUREL OAK	39	REMOVE	PROPOSED PARKING	ONSITE
40	LAUREL OAK	26	REMOVE	PROPOSED PARKING	ONSITE
41	LAUREL OAK	12	REMOVE	PROPOSED PARKING	ONSITE
42	LAUREL OAK	12	REMOVE	PROPOSED PARKING	ONSITE
43	LAUREL OAK	14	PRESERVE	PROPOSED WALL	ONSITE
44	SABAL PALM	21	REMOVE	PROP. BUILDING	ONSITE
45	QUEEN PALM	10	REMOVE	PROP. BUILDING	ONSITE
46	OAK	27	PRESERVE		OFF-SITE
47	OAK	17	PRESERVE		OFF-SITE
48	OAK	42	PRESERVE		OFF-SITE
49	OAK	47	PRESERVE		OFF-SITE
50	OAK	43	PRESERVE		OFF-SITE
51	OAK	48	PRESERVE		ONSITE
52	OAK	42	PRESERVE		OFF-SITE
53	OAK	38	REMOVE	PROPOSED PARKING	ONSITE
54	OAK	48	PRESERVE		ONSITE
55	OAK	48	PRESERVE		ONSITE
56	LAUREL OAK	24	REMOVE	PROPOSED PARKING	ONSITE
57	SABAL PALM	11	REMOVE	PROPOSED PARKING	ONSITE
58	SABAL PALM	15	REMOVE	PROPOSED PARKING	ONSITE
59	GOLDEN RAIN	10	REMOVE	PROPOSED TANK	ONSITE
60	CAMPHOR	32	REMOVE	INVASIVE	ONSITE
61	LAUREL OAK	22	PRESERVE		ONSITE
62	CHERRY LAUREL	14	REMOVE	PROP. BUILDING	ONSITE
63	SABAL PALM	18	REMOVE	PROPOSED PARKING	ONSITE
64	OAK	48	REMOVE	PROP. BUILDING	ONSITE
65	OAK	48	REMOVE	PROP. BUILDING	OFF-SITE
66	CHERRY LAUREL	9	REMOVE	PROP. BUILDING	ONSITE
67	CHERRY LAUREL	4	REMOVE	PROP. BUILDING	ONSITE
68	OAK	25	REMOVE	PROP. SIDEWALK	ONSITE
69	CAMPHOR	10	REMOVE	INVASIVE	ONSITE
70	QUEEN PALM	7	REMOVE	PROP. SIDEWALK	ONSITE
71	CAMPHOR	32	REMOVE	PROP. CURB	ONSITE
72	CAMPHOR	12	REMOVE	PROP. SIDEWALK	ONSITE
73	CAMPHOR	14	PRESERVE	INVASIVE	OFF-SITE
74	LAUREL OAK	17	PRESERVE		OFF-SITE
75	LAUREL OAK	18	REMOVE	PROPOSED PARKING	ONSITE
76	PODOCARPUS	13	PRESERVE		OFF-SITE
77	CHINABERRY	6	REMOVE	PROPOSED PARKING	ONSITE
78	CHINABERRY	23	REMOVE	PROPOSED PARKING	ONSITE
79	CHINABERRY	6	REMOVE	PROP. SIDEWALK	ONSITE
80	CAMPHOR	6	REMOVE	PROP. CURB	ONSITE
81	SABAL PALM	13	REMOVE	PROP. CURB	ONSITE
82	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE
277	OAK	35	PRESERVE		OFF-SITE
278	OAK	29	PRESERVE		OFF-SITE
279	OAK	36	PRESERVE		OFF-SITE
280	GOLDEN RAIN	38	REMOVE	PROP. WALL/PARKING	ONSITE
281	OAK	29	REMOVE	PROP. SEPTIC	ONSITE
282	OAK	36	PRESERVE		OFF-SITE
283	OAK	18	PRESERVE		OFF-SITE

LEGEND

	TREE TO BE PRESERVED		TREE TO BE PRESERVED (OFF-SITE)
	TREE TO BE REMOVED		TREE PROTECTION FENCING

Kimley»Horn

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 PHONE: 407-896-1511
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LICENSED PROFESSIONAL

KHA PROJECT 149975004

DATE 07/11/2023

SCALE AS SHOWN

DESIGNED BY KHA

DRAWN BY NAA

CHECKED BY MTF

TREE MITIGATION PLAN

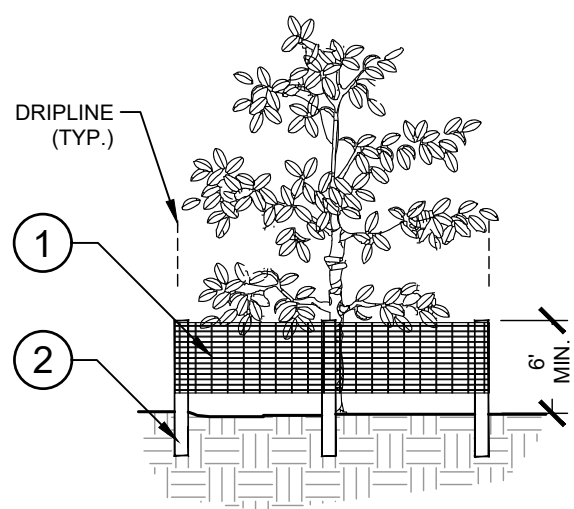
WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE

SHEET NUMBER **L0.50**

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TREE MITIGATION FUND CALCULATION							
Tree Number	Species	DBH	Status	Reason	Location	REPLACEMENT STATUS	INCHES REQUIRED FOR PAYMENT
2	CAMPBOR	30	REMOVE	PROP. BUILDING	ONSITE	REPLACED	
3	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE	PAYMENT REQ'D	9
9	QUEEN PALM	8	REMOVE	INGRESS/EGRESS	ONSITE	PAYMENT REQ'D	8
34	LIVE OAK	37	REMOVE	PROPOSED PARKING	ONSITE	REPLACED	
36	LAUREL OAK	31	REMOVE	INGRESS/EGRESS	ONSITE	REPLACED	
17	PALM	10	REMOVE	PROPOSED WALL	ONSITE	PAYMENT REQ'D	10
19	LIVE OAK	28	REMOVE	PROP. SIDEWALK	ONSITE	REPLACED	
20	LIVE OAK	29	REMOVE	PROPOSED WALL	ONSITE	REPLACED	
21	LIVE OAK	21	REMOVE	PROPOSED WALL	ONSITE	REPLACED	
34	CLIFF PALM	10	REMOVE	PROP. SIDEWALK	ONSITE	PAYMENT REQ'D	10
38	PALM	10	REMOVE	PROP. BUILDING	ONSITE	PAYMENT REQ'D	10
39	LAUREL OAK	39	REMOVE	PROPOSED PARKING	ONSITE	REPLACED	
40	LAUREL OAK	26	REMOVE	PROPOSED PARKING	ONSITE	REPLACED	
41	LAUREL OAK	12	REMOVE	PROPOSED PARKING	ONSITE	PAYMENT REQ'D	12
42	LAUREL OAK	12	REMOVE	PROPOSED PARKING	ONSITE	PAYMENT REQ'D	12
43	LAUREL OAK	14	REMOVE	PROPOSED WALL	ONSITE	REPLACED	
44	SABAL PALM	21	REMOVE	PROP. BUILDING	ONSITE	REPLACED	
45	CLIFF PALM	10	REMOVE	PROP. BUILDING	ONSITE	PAYMENT REQ'D	10
53	OAK	38	REMOVE	PROPOSED PARKING	ONSITE	REPLACED	
56	LAUREL OAK	24	REMOVE	PROPOSED PARKING	ONSITE	REPLACED	
57	SABAL PALM	11	REMOVE	PROPOSED PARKING	ONSITE	PAYMENT REQ'D	11
58	SABAL PALM	15	REMOVE	PROPOSED TANK	ONSITE	REPLACED	
62	CHERRY LAUREL	14	REMOVE	PROP. BUILDING	ONSITE	REPLACED	
63	SABAL PALM	18	REMOVE	PROPOSED PARKING	ONSITE	REPLACED	
64	OAK	48	REMOVE	PROP. BUILDING	ONSITE	REPLACED	
66	CLIFF PALM	9	REMOVE	PROP. BUILDING	ONSITE	PAYMENT REQ'D	9
67	CLIFF PALM	4	REMOVE	PROP. BUILDING	ONSITE	PAYMENT REQ'D	4
68	OAK	25	REMOVE	PROP. SIDEWALK	ONSITE	REPLACED	
70	QUEEN PALM	7	REMOVE	PROP. SIDEWALK	ONSITE	PAYMENT REQ'D	7
71	CAMPBOR	32	REMOVE	PROP. CURB	ONSITE	REPLACED	
72	CAMPBOR	12	REMOVE	PROP. SIDEWALK	ONSITE	PAYMENT REQ'D	12
75	LAUREL OAK	18	REMOVE	PROPOSED PARKING	ONSITE	REPLACED	
77	CHINABERRY	6	REMOVE	PROPOSED PARKING	ONSITE	PAYMENT REQ'D	6
78	CHINABERRY	23	REMOVE	PROPOSED PARKING	ONSITE	REPLACED	
79	CHINABERRY	6	REMOVE	PROP. SIDEWALK	ONSITE	PAYMENT REQ'D	6
80	CAMPBOR	6	REMOVE	PROP. CURB	ONSITE	PAYMENT REQ'D	6
81	SABAL PALM	13	REMOVE	PROP. CURB	ONSITE	REPLACED	
82	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE	PAYMENT REQ'D	9
280	GOLDEN RAIN	38	REMOVE	PROP. WALL/PARKING	ONSITE	REPLACED	
281	OAK	29	REMOVE	PROP. SEPTIC	ONSITE	REPLACED	
TOTAL INCHES REQUIRED TO BE PAID INTO THE TREE MITIGATION FUND							151

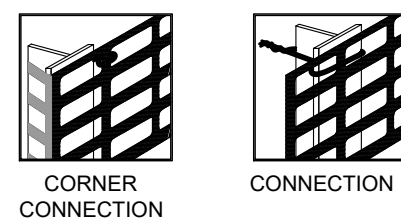


- 6" "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
- 8' TALL METAL "T" POSTS OR 2" X 2" X 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

INSTALLATION NOTES:

- POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.
- POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/3 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 6' POST SHOULD BE SET AT LEAST 2" INTO THE GROUND.
- SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).
- SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.



1 TREE PROTECTION FENCING
 L0.51 ELEVATION / PLAN

NTS

SEC. 5.01.17. - DEVELOPMENT SITE TREE PROTECTION STANDARDS.

(A) DURING CONSTRUCTION AND DEVELOPMENT, ALL REASONABLE STEPS NECESSARY TO PREVENT DESTRUCTION OR DAMAGE TO TREES AND NATIVE VEGETATION SHALL BE TAKEN. ALL TREE AND LANDSCAPE WORK SHALL BE GOVERNED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A-300 SERIES AND THE BEST MANAGEMENT PRACTICES. UNLESS OTHERWISE AUTHORIZED BY A TREE REMOVAL PERMIT, TREES AND NATIVE VEGETATION DESTROYED OR RECEIVING MAJOR DAMAGE MUST BE REPLACED BY TREES AND VEGETATION OF EQUAL ENVIRONMENTAL VALUE, AS SPECIFIED BY THE TOWN MANAGER OR HIS DESIGNEE (PERMITTING AUTHORITY), BEFORE OCCUPANCY OR USE.

(B) APPROVED TREE REMOVAL PERMITS ARE TO BE POSTED ON SITE, LEGIBLE, AND VISIBLE FROM THE STREET PRIOR TO COMMENCEMENT AND THROUGHOUT COMPLETION OF THE WORK.

(C) DURING CONSTRUCTION, UNLESS OTHERWISE AUTHORIZED BY A TREE REMOVAL PERMIT, NO EXCESS SOIL, ADDITIONAL FILL, EQUIPMENT, LIQUIDS, OR CONSTRUCTION DEBRIS SHALL BE PLACED WITHIN THE DRIP LINE OF ANY TREE THAT IS REQUIRED TO BE PRESERVED IN ITS ORIGINAL LOCATION.

(D) NO ATTACHMENTS OR WIRES OTHER THAN THOSE OF A PROTECTIVE AND NON-DAMAGING NATURE SHALL BE ATTACHED TO ANY TREE DURING CONSTRUCTION OR DEVELOPMENT.

(E) UNLESS OTHERWISE AUTHORIZED BY THE TREE REMOVAL PERMIT, NO SOIL SHALL BE REMOVED FROM WITHIN THE DRIP LINE OF ANY TREE THAT IS TO REMAIN IN ITS ORIGINAL LOCATION. (F) PRIOR TO CONSTRUCTION, THE PERMIT APPLICANT IS REQUIRED TO HAVE THE FOLLOWING PROTECTIVE BARRIERS AND MEASURES PUT IN PLACE:

(1) ALL PROTECTIVE BARRIERS SHALL BE INSTALLED AND MAINTAINED FOR THE PERIOD OF TIME BEGINNING WITH THE COMMENCEMENT OF ANY LAND CLEARING OR BUILDING OPERATIONS AND ENDING WITH THE COMPLETION OF THE PERMITTED CLEARING OR BUILDING CONSTRUCTION WORK ON THE SITE.

(2) THE APPLICANTS FOR A TREE REMOVAL PERMIT SHALL, AT THE TIME OF APPLICATION, DESIGNATE AN ON-SITE REPRESENTATIVE FOR THE INSTALLATION AND MAINTENANCE OF ALL TREE AND SHRUB PROTECTIVE BARRIERS.

(3) THE CIRCUMFERENCE OF AN AREA TO BE PRESERVED SHALL BE PROTECTED DURING LAND DEVELOPMENT AND CONSTRUCTION BY PLACING TWO-INCH BY TWO-INCH WOOD STAKES A MAXIMUM OF 20 FEET APART AROUND THE TREE PROTECTION ZONE AND BY TYING FLUORESCENT RIBBON, SURVEY FLAGGING, ETC., FROM STAKE TO STAKE ALONG THE PERIMETER OF THE AREAS TO BE PRESERVED.

(4) WHEN PROTECTION OF INDIVIDUAL TREES IS REQUIRED, A PROTECTIVE BARRIER SHALL BE PLACED AROUND THE PERIMETER OF THE BASE AT A DISTANCE NOT LESS THAN THE DRIP LINE.

(5) A TREE PROTECTION SIGN SHALL BE A MINIMUM OF TWO FEET WIDE BY THREE FEET HIGH CONSISTING OF DURABLE RIGID, PLASTIC OR METAL MATERIAL WITH NON FADING LETTERING, LEGIBLY PRINTED IN CHARACTERS A MINIMUM OF ONE AND ONE-HALF INCHES HIGH ON ITS FACE. TREE PROTECTION SIGNS AND BARRIERS ARE TO BE MAINTAINED THROUGH JOB COMPLETION OR AS OTHERWISE REQUIRED BY THE TOWN MANAGER OR HIS DESIGNEE. A MINIMUM OF ONE SIGN IS REQUIRED PER BARRIER. SIGN TEXT SHALL BE INCLUDE IN ENGLISH AND SPANISH AND SHALL READ:

TREE PROTECTION AREA

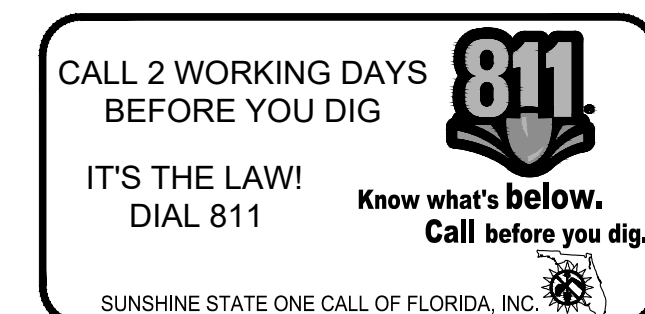
PROHIBITED WITHIN THIS AREA:

1. PARKING OF USE OF VEHICLES, EQUIPMENT OR MACHINERY.
2. STORAGE OR DUMPING OF ANY MATERIALS OR LIQUIDS.
3. CONSTRUCTION, EXCAVATION OR TRENCHING.

AREA DE PROTECCION DE ARBOLES

PROHIBIDO DENTRO DE ESTA AREA:

1. APARCAR O USO DE VEHICULO, EQUIPAMIENTO, O MAQUINARIA.
2. ALMACENAR O TIRAR DE LIQUIDOS O MATERIALES.
3. CONSTRUCCION, EXCAVACION O ZANJAS.
- 6) UNLESS PRIOR APPROVAL IS GRANTED BY THE TOWN MANAGER OR HIS DESIGNEE, THE FOLLOWING ACTIVITIES ARE PROHIBITED WITHIN THE DRIP-LINE OF A PROTECTED TREE OR WITHIN TEN FEET OF ITS TRUNK, WHICHEVER IS GREATER: (I) PARKING OR USE OF VEHICLES, EQUIPMENT OR MACHINERY, OR (II) STORING OR DUMPING ANY MATERIAL OF LIQUIDS, OR (III) CONSTRUCTION, EXCAVATION OR TRENCHING.



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KHA PROJECT 149973004

DATE 07/11/2023

SCALE AS SHOWN

DESIGNED BY KHA

DRAWN BY NAA

CHECKED BY MTF

DATE

TREE MITIGATION CHART

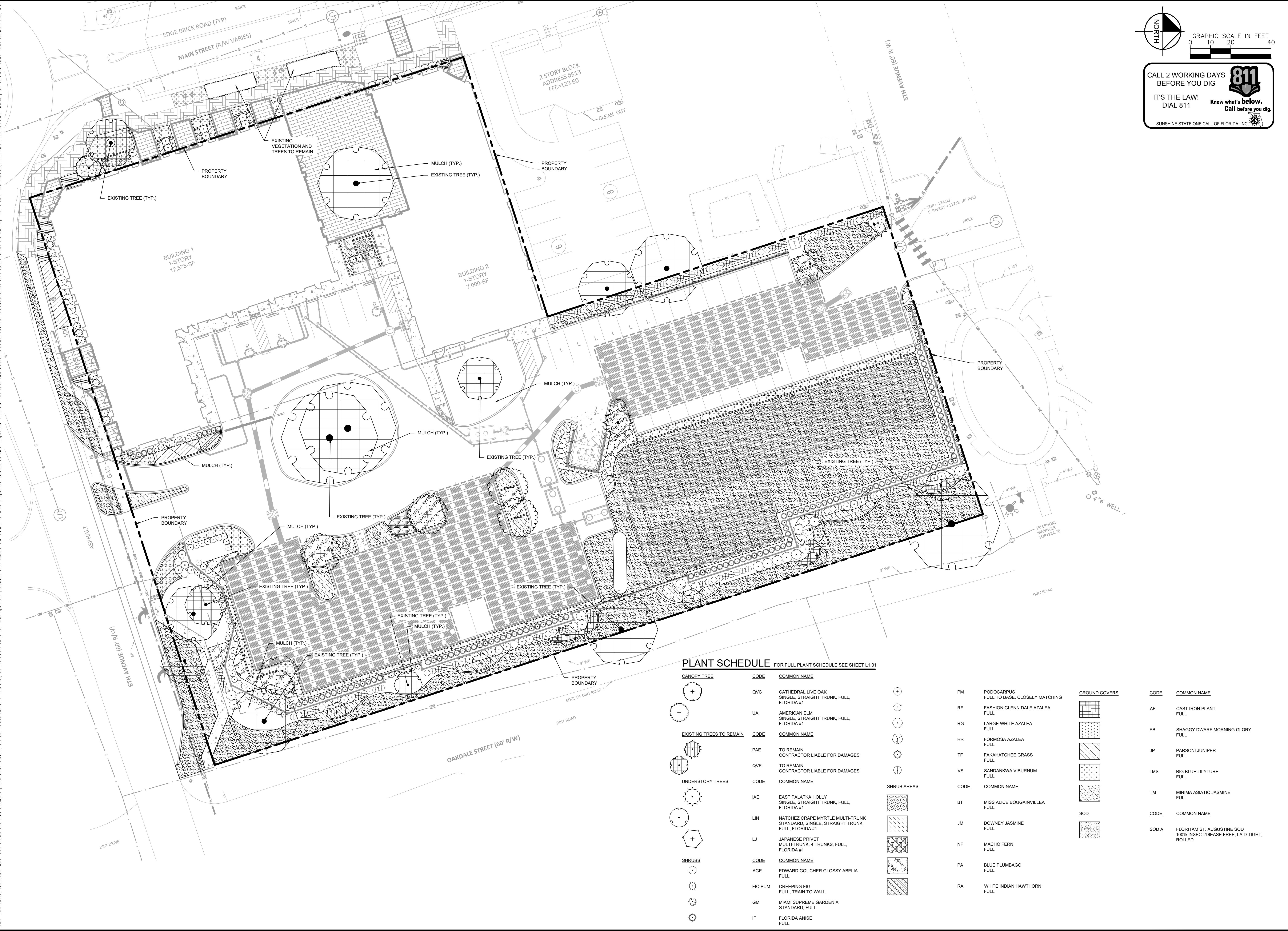
WINDERMERE DOWNTOWN PROPERTY

FL

TOWN OF WINDERMERE

SHEET NUMBER
L0.51

Plotted By: Abbott, Nora Sheet Set: Windermere Downtown Property Layout: L1.00 July 31, 2023 04:00:24pm K:\ORL_Civil\149973004-Windermere Downtown Property\CADD\CONST\PlanSheets\L1.00 - LANDSCAPE PLAN.dwg
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KHA PROJECT	149973004
DATE	07/11/2023
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	NAA
CHECKED BY	MTT

LANDSCAPE PLAN

WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE

SHEET NUMBER
L1.00

PLANT SCHEDULE FOR FULL PLANT SCHEDULE SEE SHEET L1.01

CANOPY TREE	CODE	COMMON NAME					
	QVC	CATHEDRAL LIVE OAK SINGLE, STRAIGHT TRUNK, FULL FLORIDA #1		PM	PODOCARPUS FULL TO BASE, CLOSELY MATCHING		
	UA	AMERICAN ELM SINGLE, STRAIGHT TRUNK, FULL FLORIDA #1		RF	FASHION GLENN DALE AZALEA FULL		
	PAE	TO REMAIN CONTRACTOR LIABLE FOR DAMAGES		RG	LARGE WHITE AZALEA FULL		
	QVE	TO REMAIN CONTRACTOR LIABLE FOR DAMAGES		RR	FORMOSA AZALEA FULL		
	IAE	EAST PALATKA HOLLY SINGLE, STRAIGHT TRUNK, FULL FLORIDA #1		TF	FAKAHATCHEE GRASS FULL		
	LIN	NATCHEZ CRAPE MYRTLE MULTI-TRUNK STANDARD, SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1		VS	SANDANKWA VIBURNUM FULL		
	LJ	JAPANESE PRIVET MULTI-TRUNK, 4 TRUNKS, FULL, FLORIDA #1		BT	MISS ALICE BOUGAINVILLEA FULL		
	AGE	EDWARD GOUCHER GLOSSY ABELIA FULL		JM	DOWNEY JASMINE FULL		
	FIC PUM	CREeping FIG FULL, TRAIN TO WALL		NF	MACHO FERN FULL		
	GM	MIAMI SUPREME GARDENIA STANDARD, FULL		PA	BLUE PLUMBAGO FULL		
	IF	FLORIDA ANISE FULL		RA	WHITE INDIAN HAWTHORN FULL		

EXISTING TREES TO REMAIN	CODE	COMMON NAME	GROUND COVERS	CODE	COMMON NAME
	AE	CAST IRON PLANT FULL		EB	SHAGGY DWARF MORNING GLORY FULL
	JP	PARSONI JUNIPER FULL		LMS	BIG BLUE LILYTURF FULL
	TM	MINIMA ASIATIC JASMINE FULL		SOD A	FLORITAM ST. AUGUSTINE SOD 100% INSECT/DISEASE FREE, LAID TIGHT, ROLLED

UNDERSTORY TREES	CODE	COMMON NAME	SHRUB AREAS	CODE	COMMON NAME
	BT	MISS ALICE BOUGAINVILLEA FULL			

SHRUBS	CODE	COMMON NAME
	AGE	EDWARD GOUCHER GLOSSY ABELIA FULL
	FIC PUM	CREeping FIG FULL, TRAIN TO WALL
	GM	MIAMI SUPREME GARDENIA STANDARD, FULL
	IF	FLORIDA ANISE FULL

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PLANT SCHEDULE

CANOPY TREE	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	DROUGHT TOL.	NATIVE
	QVC	1	QUERCUS VIRGINIANA 'CATHEDRAL' SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1	CATHEDRAL LIVE OAK	100 GAL	3.5" CAL MIN	14' HT., 16' SPR.	YES	YES
	UA	4	ULMUS AMERICANA SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1	AMERICAN ELM	65 GAL	3" CAL. TOT.	14' HT., 10' SPR.	YES	YES
EXISTING TREES TO REMAIN	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	DROUGHT TOL.	NATIVE
	PAE	1	EXISTING PALM CONTRACTOR LIABLE FOR DAMAGES	TO REMAIN	EXISTING	-	-	-	-
	QVE	14	EXISTING LIVE OAK CONTRACTOR LIABLE FOR DAMAGES	TO REMAIN	EXISTING	-	-	-	-
UNDERSTORY TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	DROUGHT TOL.	NATIVE
	IAE	3	ILEX X ATTENUATA 'EAST PALATKA' SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1	EAST PALATKA HOLLY	FG	3" CAL MIN	12' HT., 6' SPR.	YES	YES
	LIN	3	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' STANDARD, SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1	NATCHEZ CRAPE MYRTLE MULTI-TRUNK	65 GAL	5" CAL. TOT.	12' HT., 7' SPR.	YES	NO
	LJ	5	LIGUSTRUM JAPONICUM MULTI-TRUNK, 4 TRUNKS, FULL, FLORIDA #1	JAPANESE PRIVET	100 GAL	4" CAL. TOT.	8' HT., 8' SPR.	YES	NO
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	DROUGHT TOL.	NATIVE
	AGE	34	ABELIA X GRANDIFLORA 'EDWARD GOUCHER' FULL	EDWARD GOUCHER GLOSSY ABELIA	3 GAL	36" OC	24" HT MIN	YES	YES
	FIC PUM	41	FICUS PUMILA FULL, TRAIN TO WALL	CREEPING FIG	3 GAL	36" OC	24" HT MIN	YES	NO
	GM	17	GARDENIA AUGUSTA 'MIAMI SUPREME' STANDARD, FULL	MIAMI SUPREME GARDENIA	7 GAL	SEE PLAN	48" HT MIN	NO	NO
	IF	124	ILICLIUM FLORIDANUM FULL	FLORIDA ANISE	3 GAL	36" OC	20" HT MIN	YES	YES
	PM	29	PODOCARPUS MACROPHYLLUS FULL TO BASE, CLOSELY MATCHING	PODOCARPUS	7 GAL	36" OC	36" HT MIN	YES	NO
	RF	55	RHODODENDRON X 'FASHION' FULL	FASHION GLENN DALE AZALEA	7 GAL	SEE PLAN	30" HT MIN	YES	NO
	RG	26	RHODODENDRON X 'MRS. G. G. GERBING' FULL	LARGE WHITE AZALEA	7 GAL	SEE PLAN	36" HT MIN	NO	NO
	RR	13	RHODODENDRON X 'FORMOSA' FULL	FORMOSA AZALEA	7 GAL	SEE PLAN	36" HT MIN	YES	YES
	TF	53	TRIPSACUM DACTYLOIDES FULL	FAKAHATCHEE GRASS	3 GAL	24" OC	24" FULL	YES	YES
	VS	106	VIBURNUM SUSPENSUM FULL	SANDANKWA VIBURNUM	3 GAL	36" OC	36" HT MIN	YES	NO
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	DROUGHT TOLERANCE	NATIVE
	BT	7	BOUGAINVILLEA X 'MISS ALICE' THORNLESS FULL	MISS ALICE BOUGAINVILLEA	3 GAL	12" HT MIN	36" OC	YES	NO
	JM	19	JASMINUM MULTIFLORUM FULL	DOWNY JASMINE	3 GAL	14" HT MIN	30" OC	YES	NO
	NF	22	NEPHROLEPIS FALCATA FULL	MACHO FERN	3 GAL	12" HT MIN	30" OC	YES	NO
	PA	147	PLUMBAGO AURICULATA FULL	BLUE PLUMBAGO	3 GAL	12" HT MIN	36" OC	YES	NO
	RA	104	RHAPHIOLEPIS INDICA 'ALBA' FULL	WHITE INDIAN HAWTHORN	3 GAL	18" HT MIN	30" OC	YES	NO
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	DROUGHT TOL.	NATIVE
	AE	105	ASPIDISTRA ELATOR FULL	CAST IRON PLANT	1 GAL	20" HT. MIN	18" OC	YES	NO
	EB	103	EVOLVULUS NUTTALLIANUS 'BLUE DAZE' FULL	SHAGGY DWARF MORNING GLORY	1 GAL	12" SPRD MIN	18" OC	YES	NO
	JP	94	JUNIPERUS CHINENSIS 'PARSONII' FULL	PARSONI JUNIPER	1 GAL	10" - 12" SPRD	24" OC	YES	NO
	LMS	781	LIRIOPE MUSCARI 'BIG BLUE' FULL	BIG BLUE LILYTURF	1 GAL	12" FULL	18" OC	YES	NO
	TM	1,099	TRACHELOSPERMUM ASIATICUM 'MINIMA' FULL	MINIMA ASIATIC JASMINE	1 GAL	8" SPRD MIN	14" OC	YES	NO
SOD	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	DROUGHT TOL.	NATIVE
	SOD A	16,584 SF	STENOTAPHRUM SECUNDATUM 'FLORITAM' 100% INSECT/DIEASE FREE, LAID TIGHT, ROLLED	FLORITAM ST. AUGUSTINE SOD	SOD	-	-	NO	NO

PLA

CANOPY	EXISTING	UNDERSTORY	SHRUBS	SHRUB AREAS	GROUND	SOD

LANDSCAPE NOTES:

- ALL LANDSCAPE MATERIAL TO BE FLORIDA GRADE #1 OR BETTER QUALITY
- ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
- ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
- ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
- ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
- ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES ADJACENT TO THE WORK AREA 2) TO PROTECT ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN FOR THE WARRANTY PERIOD.
- ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR WARRANTY PERIOD. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
- STANDARDS SET FORTH IN 'AMERICAN STANDARD FOR NURSERY STOCK' REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES, AND SHALL BE FLORIDA NO. 1 OR BETTER AS GIVEN IN 'GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II,' STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
- ALL INVASIVE/ EXOTIC SPECIES AND PROHIBITED TREE SPECIES SHALL BE REMOVED FROM SITE, INCLUDING ROOT BALLS TO THE EXTENT POSSIBLE WITH NO DAMAGE TO ADJACENT EXISTING TREES.
- ALL LANDSCAPE AREAS WILL BE PROVIDED WITH PERMANENT AUTOMATIC IRRIGATION SYSTEM.
- TREE SUPPORT MATERIALS ARE TO BE REMOVED FROM EACH TREE ONCE IT IS 'ESTABLISHED' (AS APPROVED BY THE LANDSCAPE ARCHITECT).
- ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.

GRAPHIC SCALE IN FEET

0 ## ## ##

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LANDSCAPE SCHEDULE & NOTES

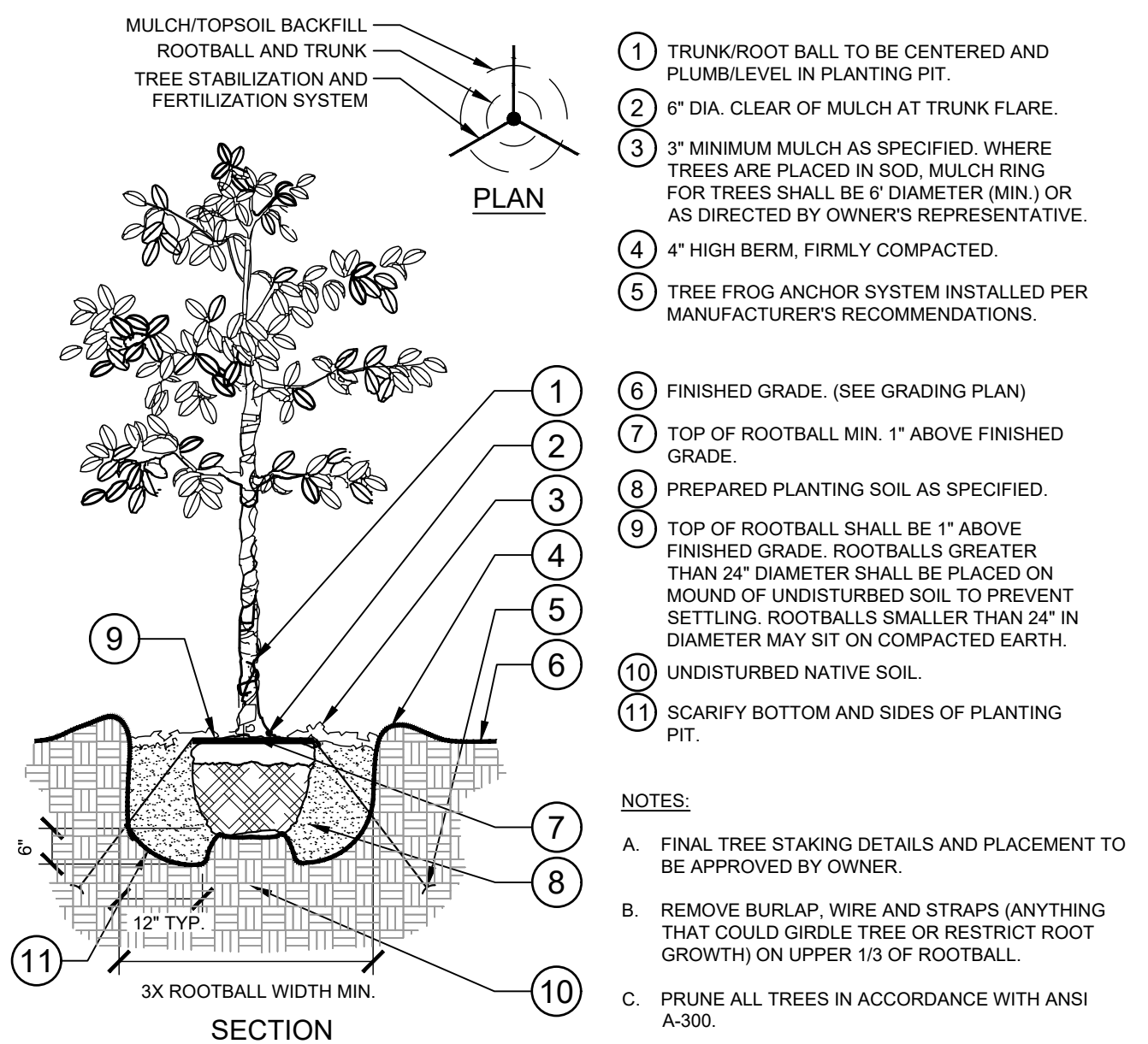
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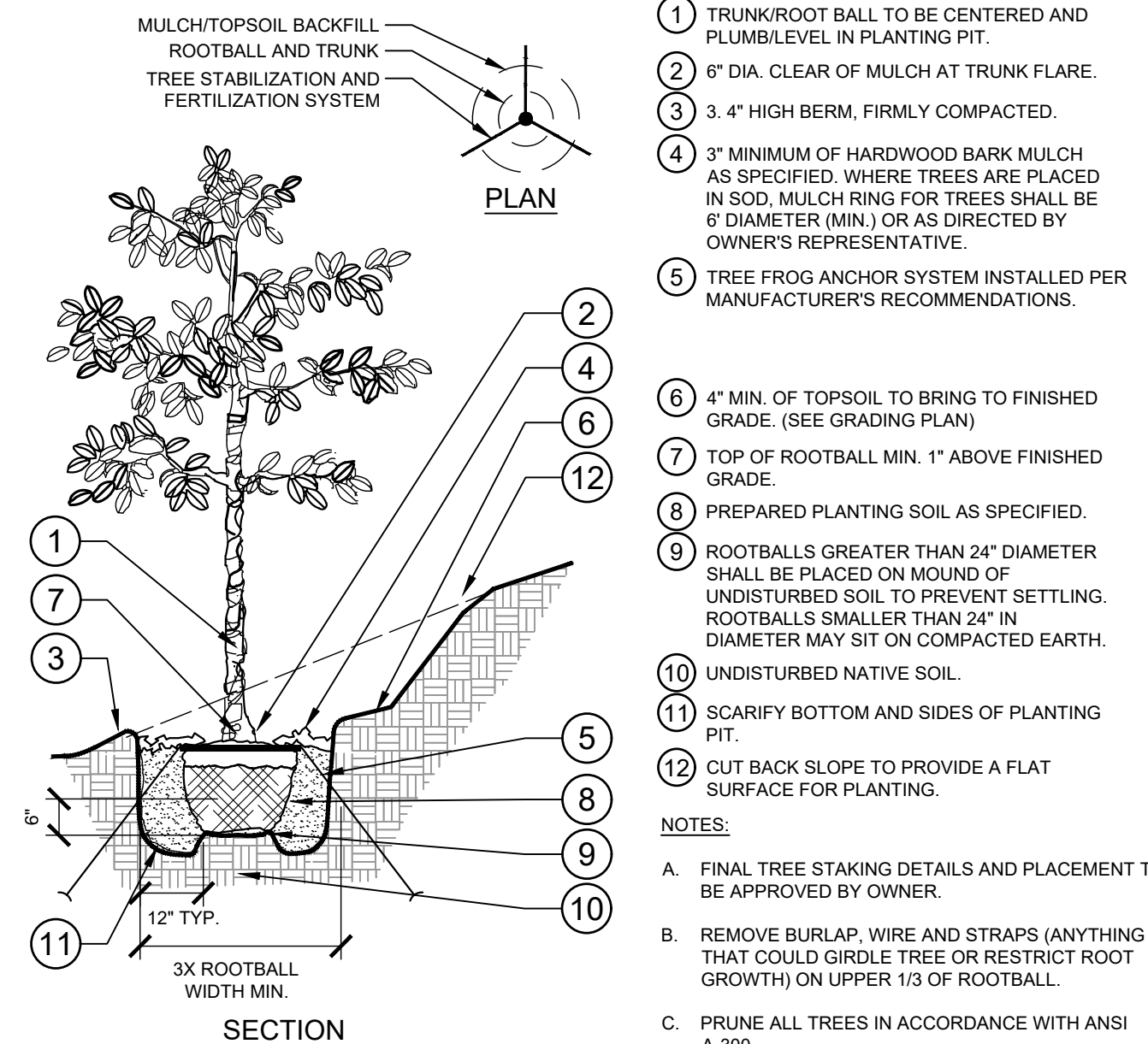
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LICENSED PROFESSIONAL					
REVISIONS					
No.	DATE	BY			

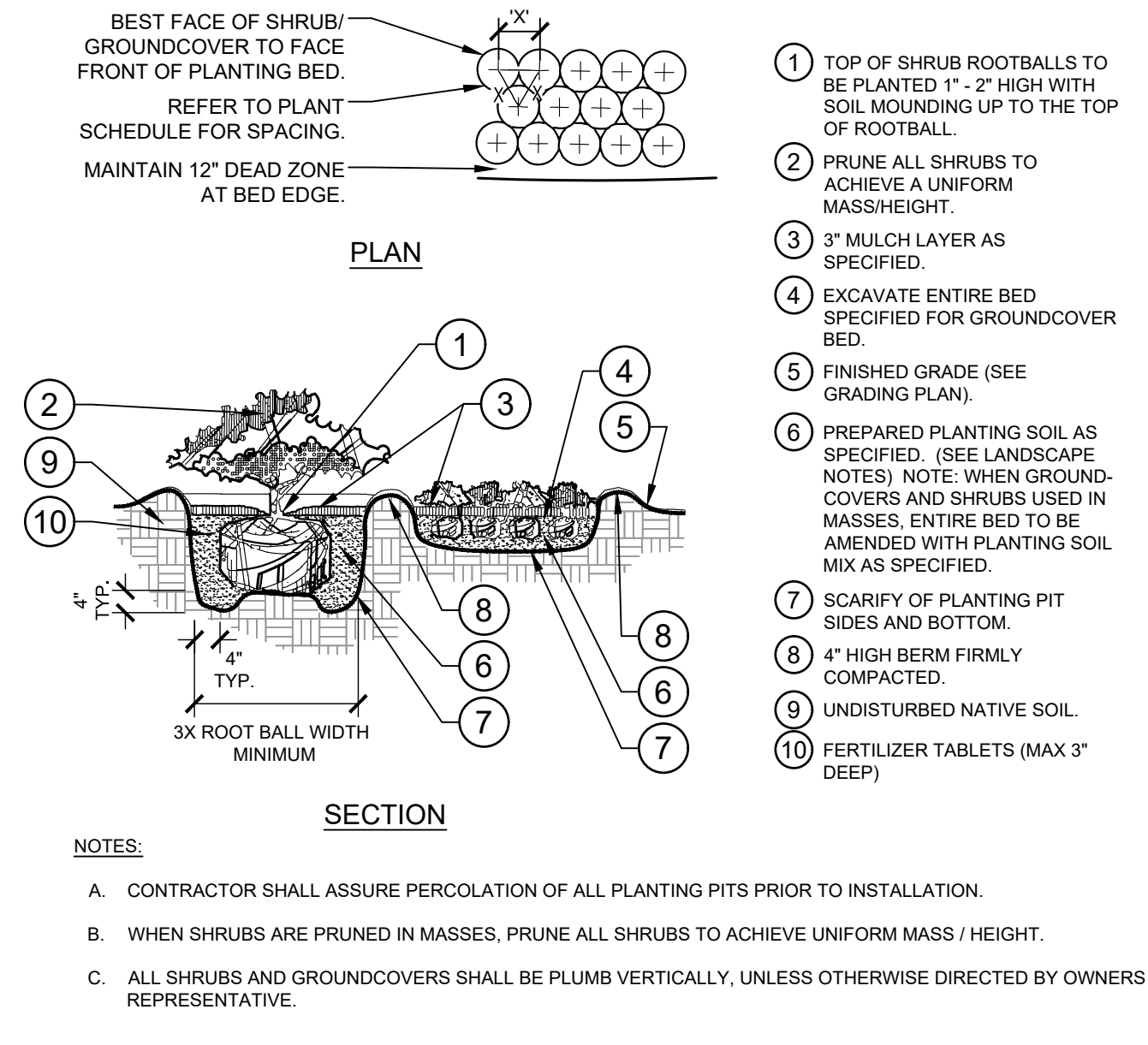
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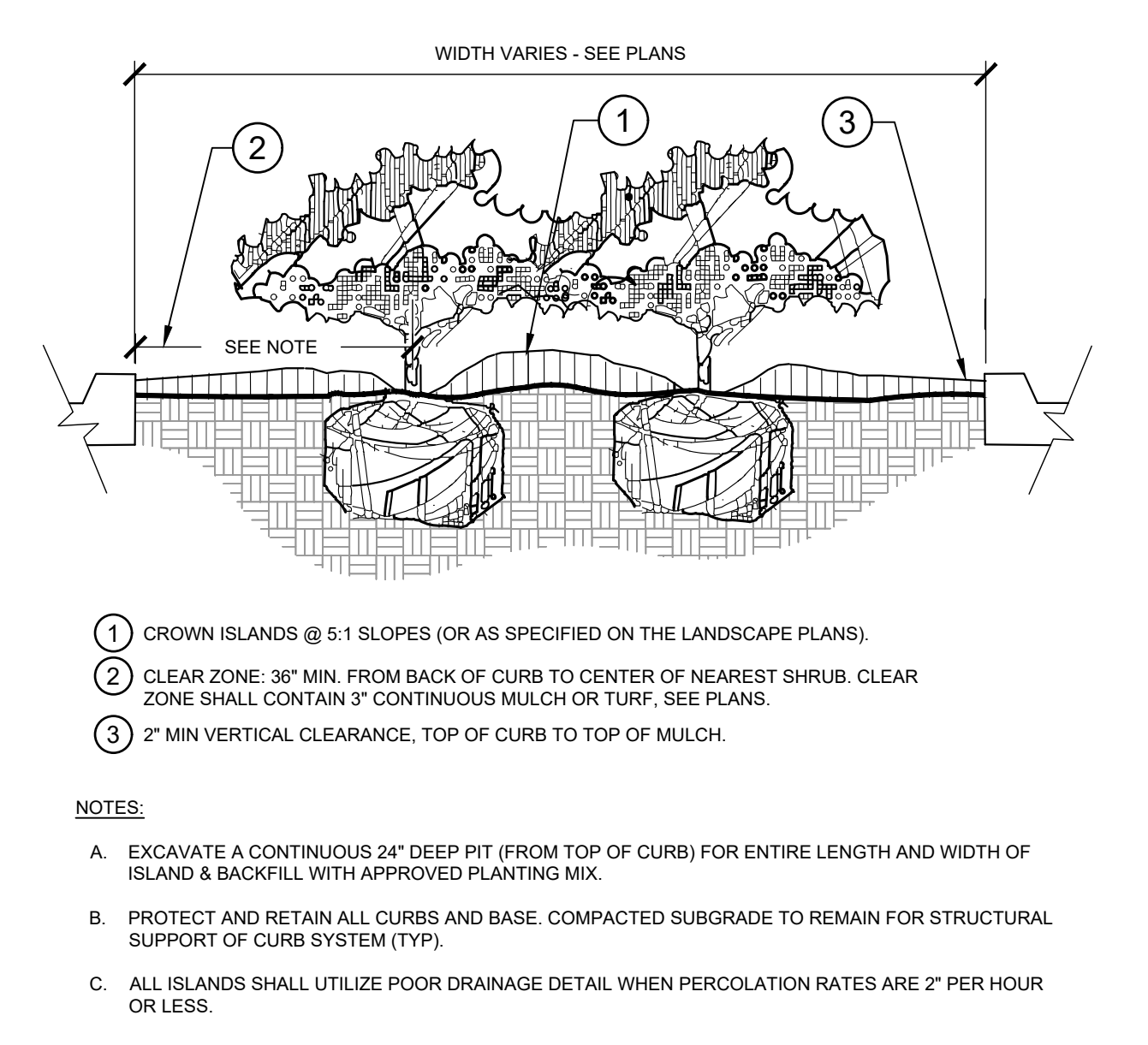
1 TREE PLANTING
L1.50 SECTION / PLAN NTS



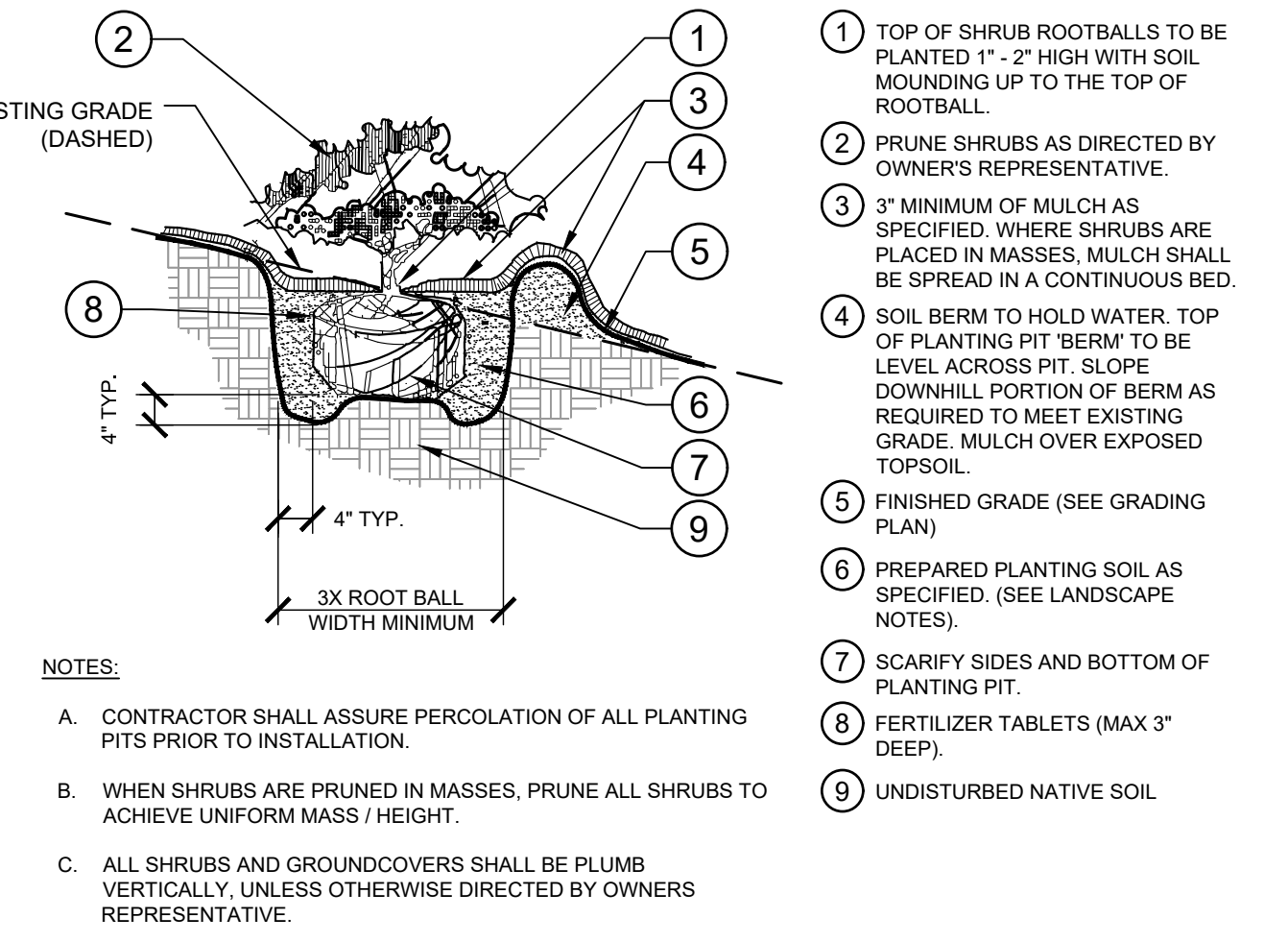
2 TREE PLANTING ON A SLOPE
L1.50 SECTION / PLAN NTS



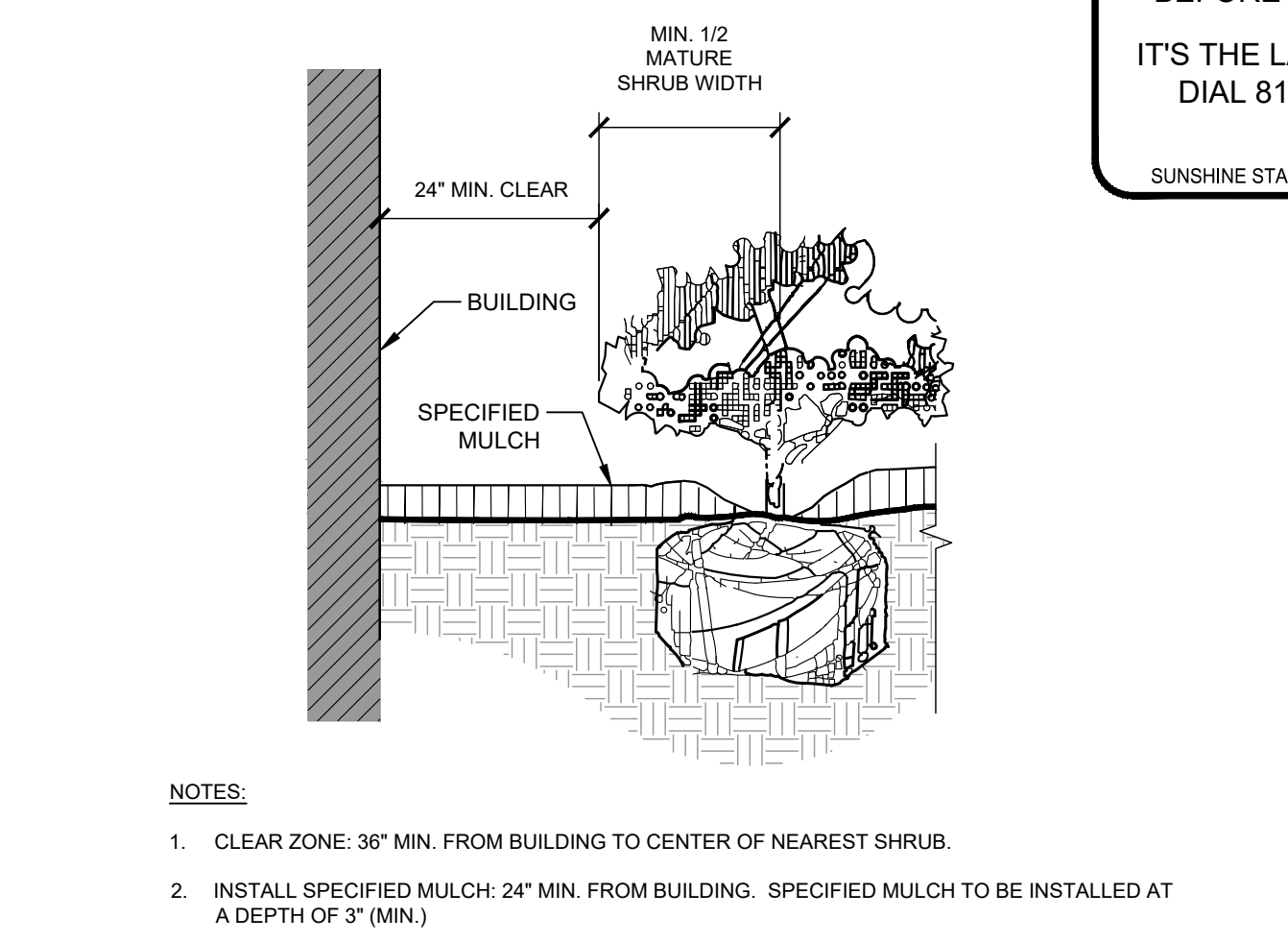
3 SHRUB/GROUNDCOVER PLANTING
L1.50 SECTION / PLAN NTS



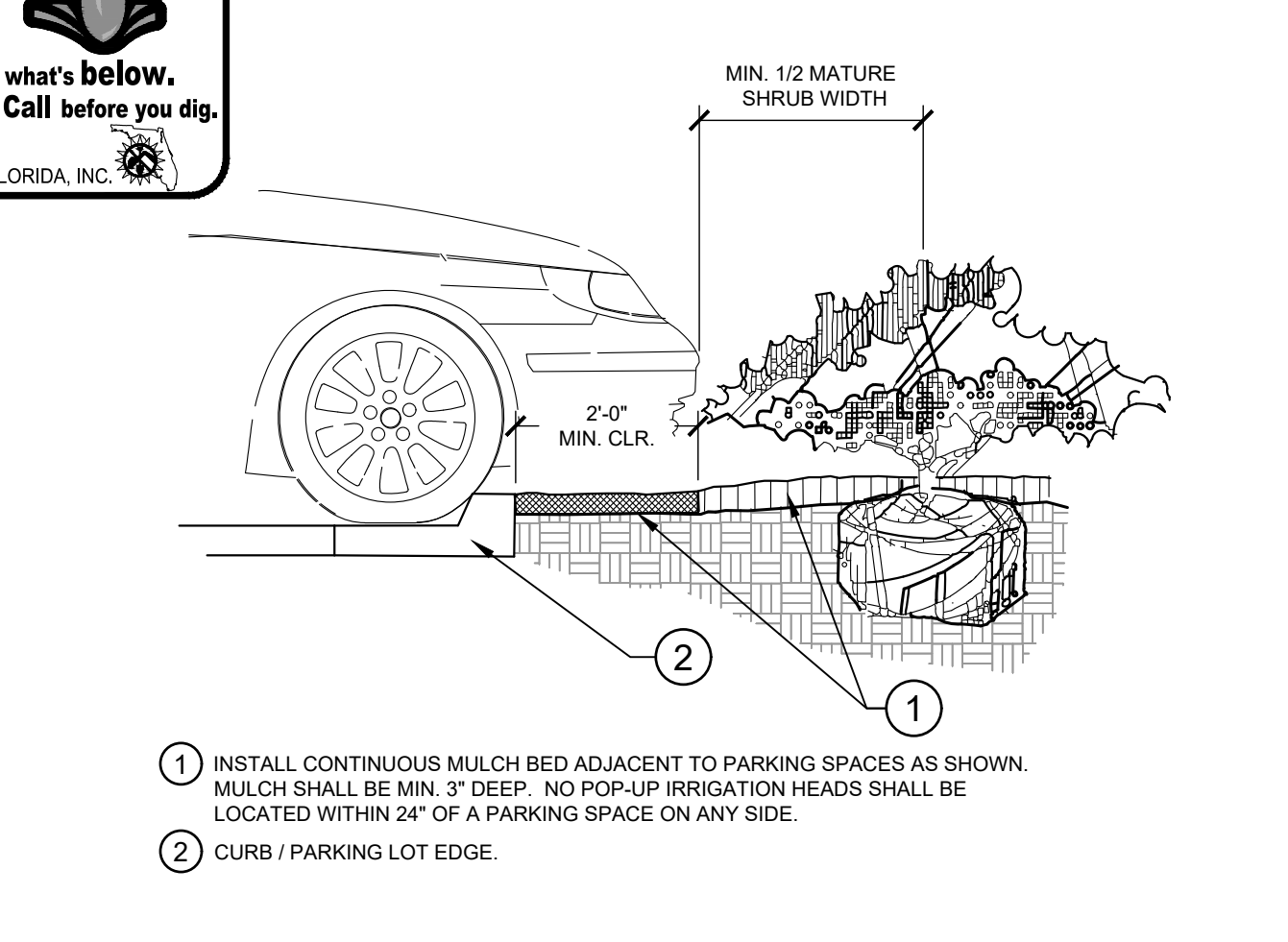
4 PLANTED PARKING LOT ISLANDS/MEDIANS
L1.50 SECTION NTS



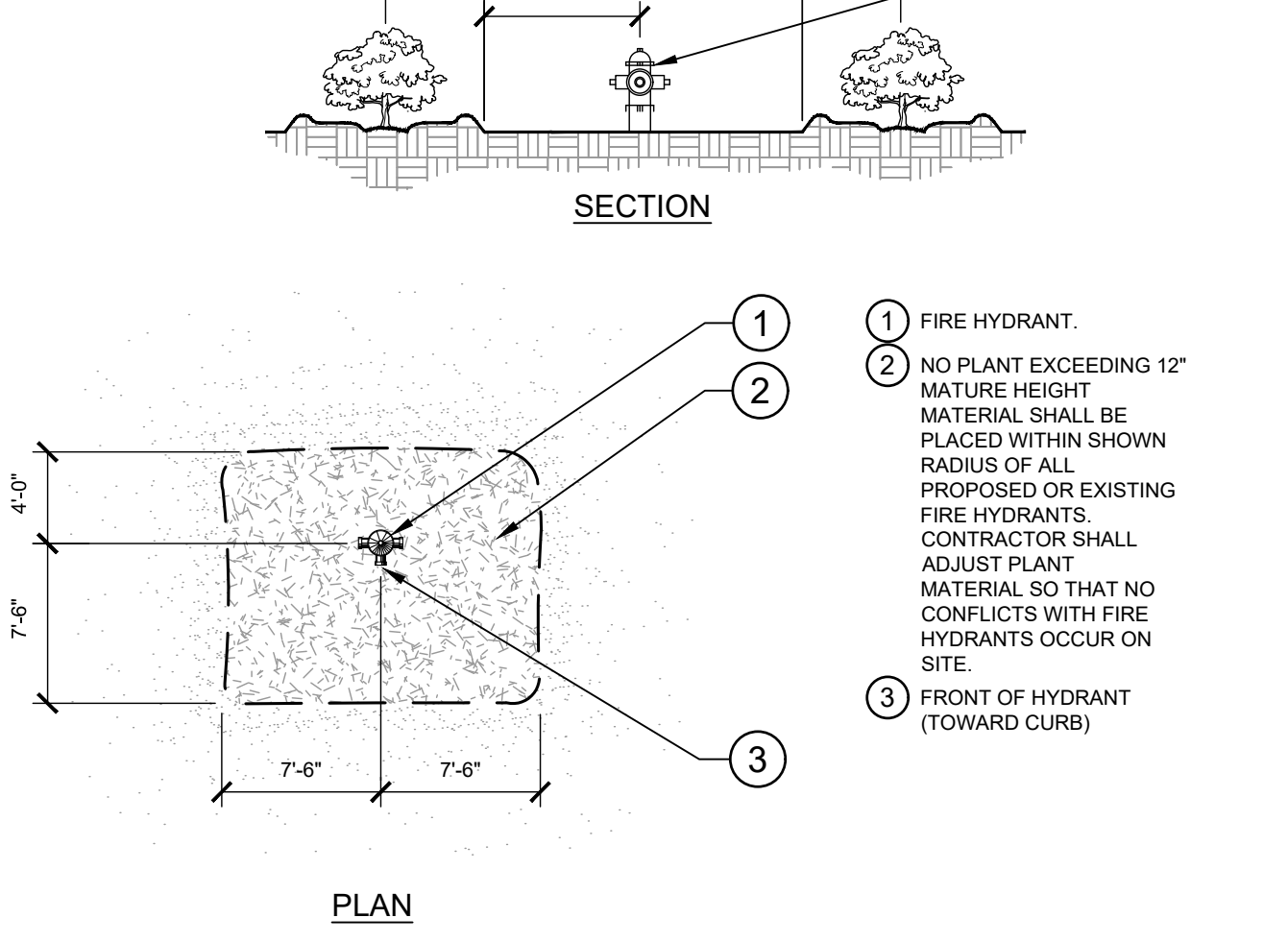
5 SHRUB/GROUNDCOVER PLANTING ON A SLOPE
L1.50 SECTION NTS



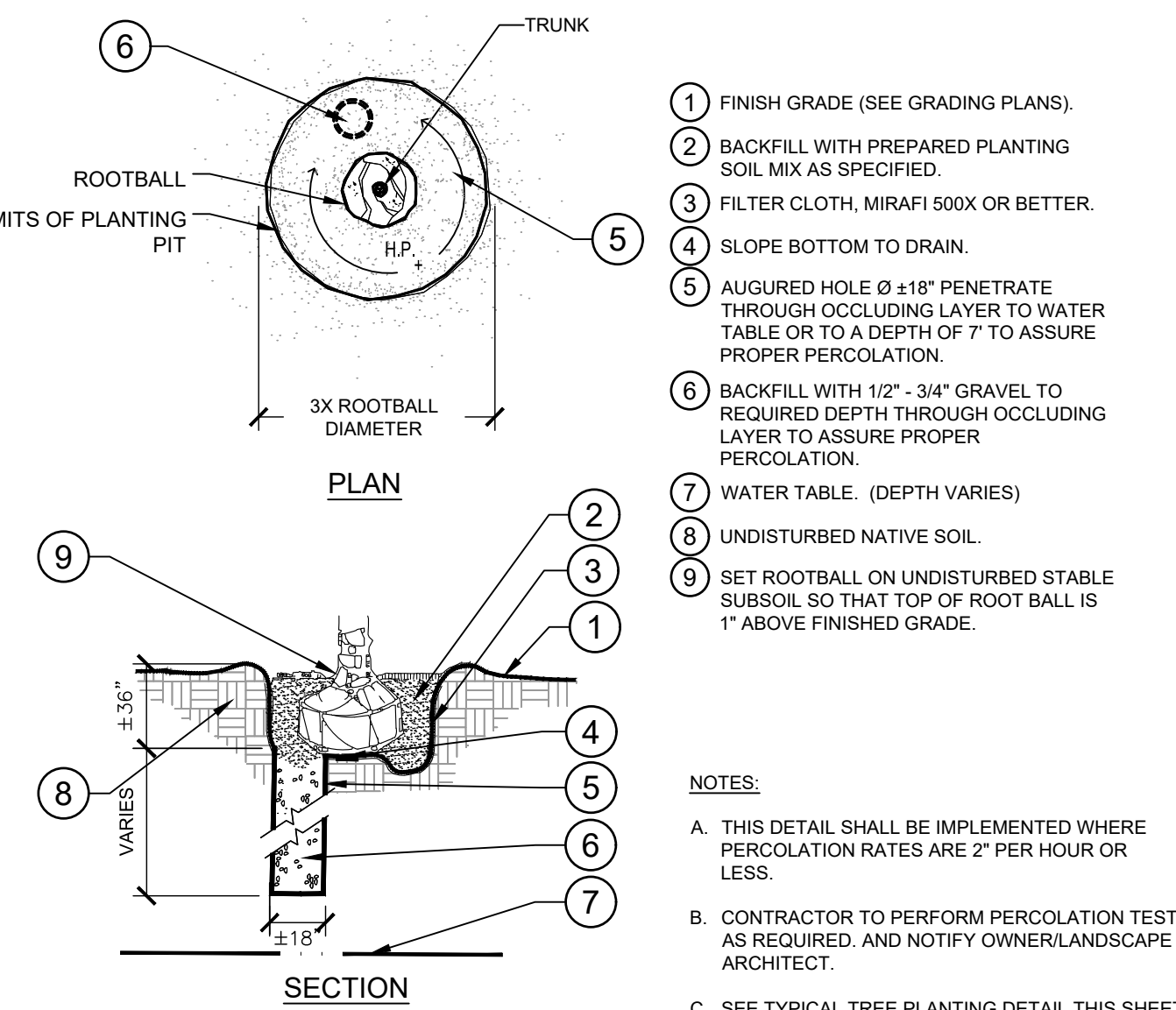
6 PLANTINGS ADJACENT TO BUILDINGS
L1.50 SECTION NTS



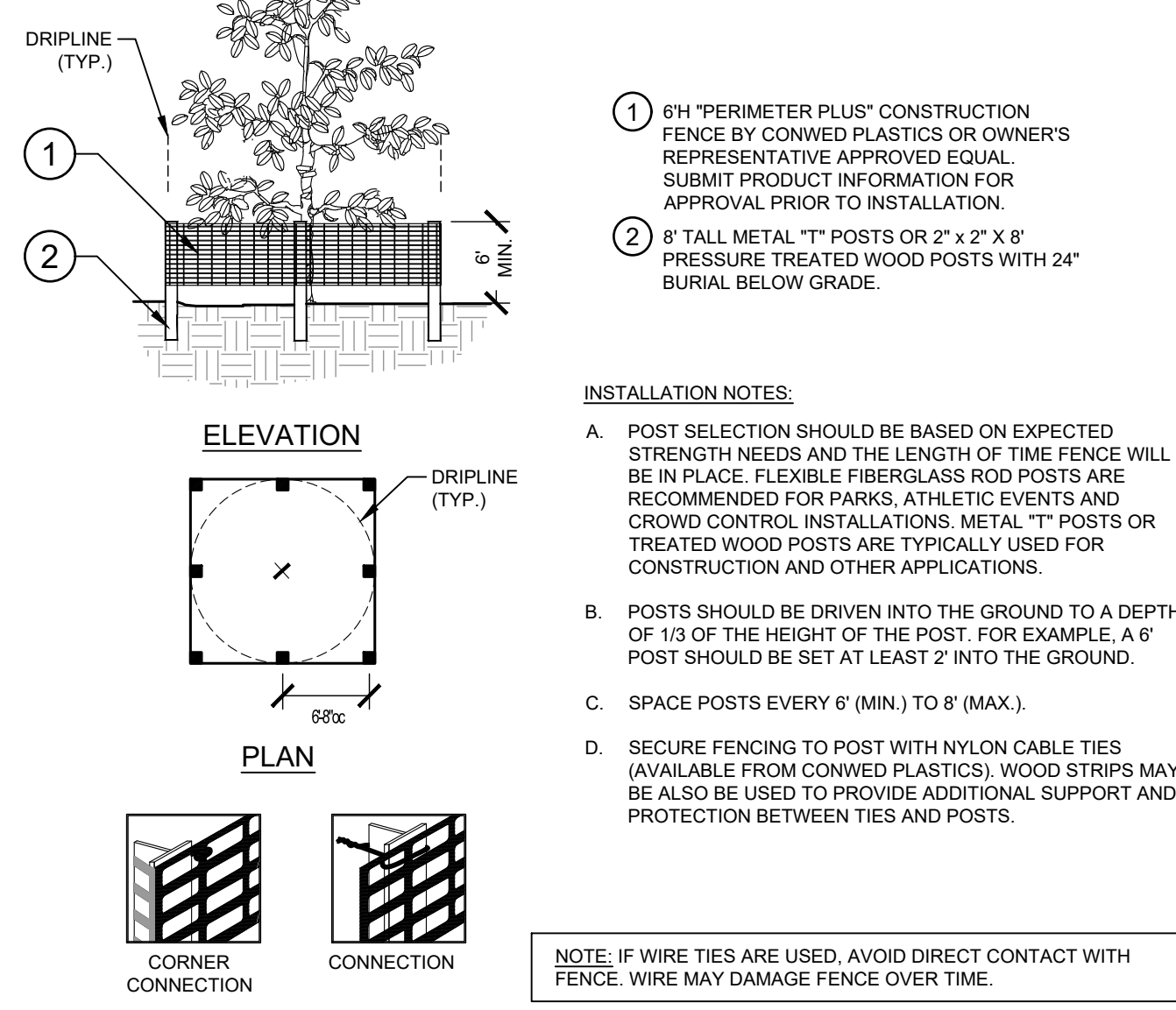
7 PARKING SPACE/CURB PLANTING
L1.50 SECTION NTS



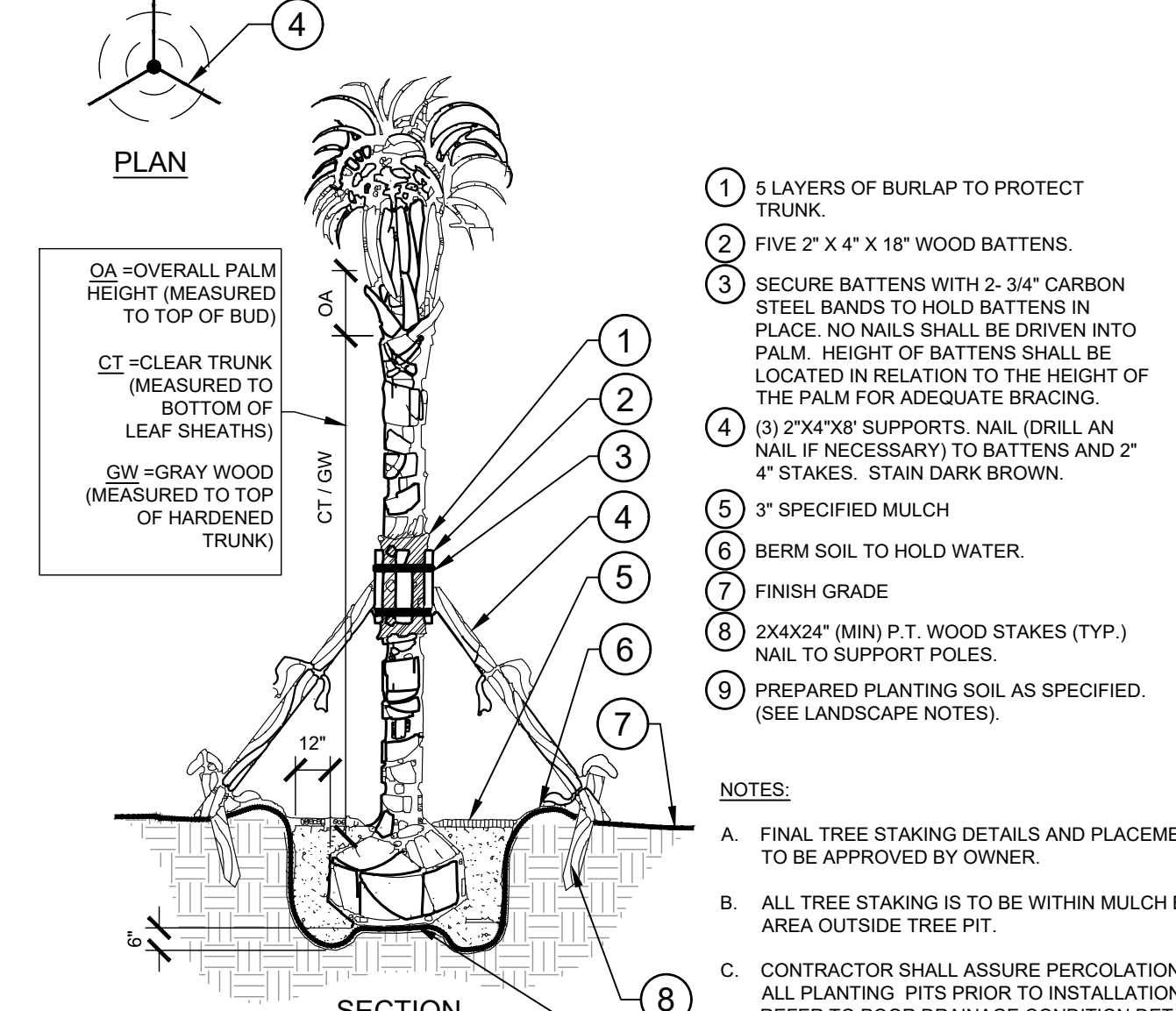
8 SHRUB PLANTING AT FIRE HYDRANT
L1.50 SECTION / PLAN NTS



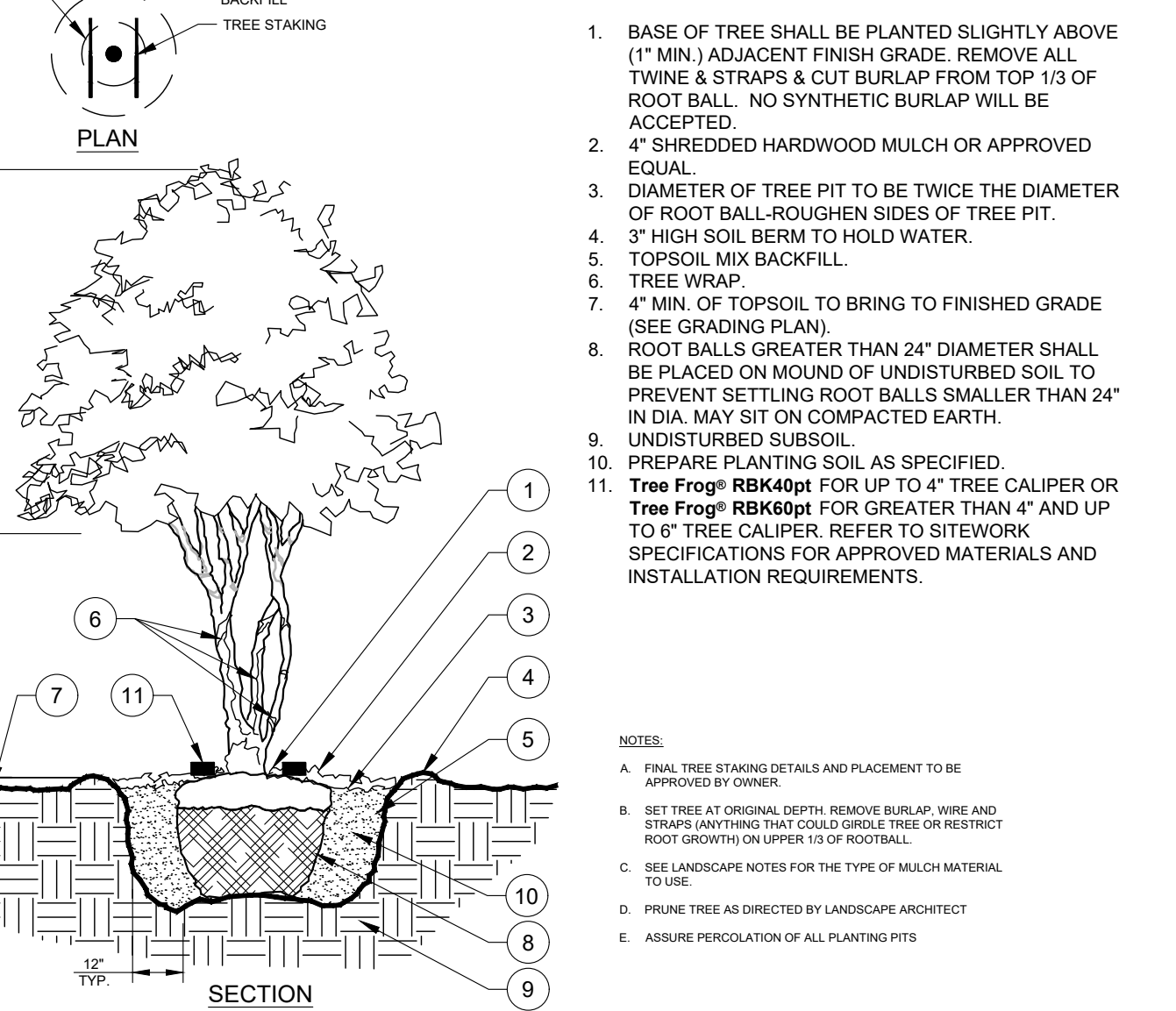
9 POOR DRAINAGE CONDITION
L1.50 SECTION / PLAN NTS



10 TREE PROTECTION FENCING
L1.50 ELEVATION / PLAN NTS



11 PALM PLANTING
L1.50 SECTION / PLAN NTS



12 MULTI-TRUNK TREE PLANTING
L1.50 SECTION/PLAN NTS

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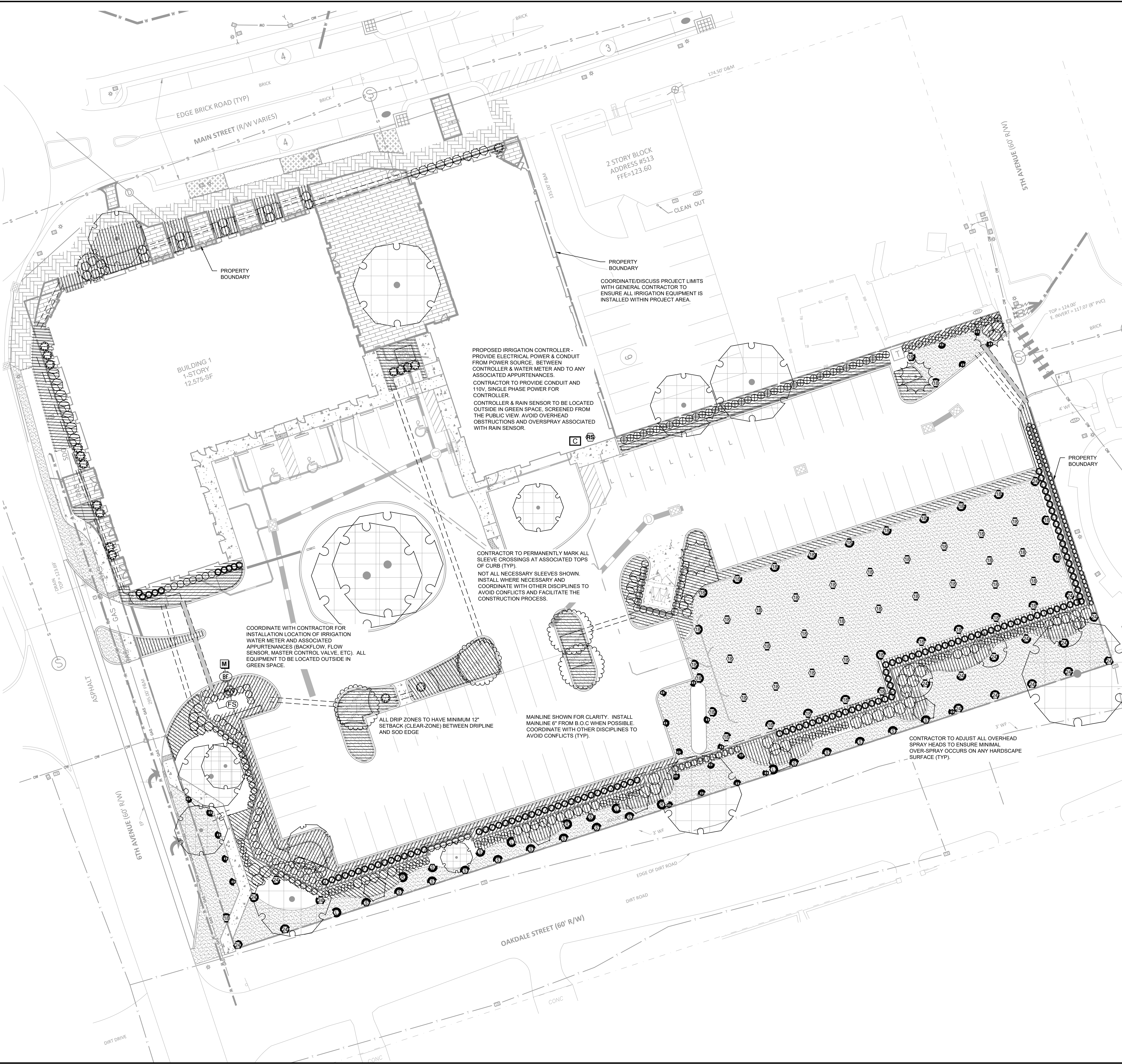
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KHA PROJECT 149973004
DATE 07/11/2023
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY NAA
CHECKED BY MTF

LANDSCAPE DETAILS

WINDERMERE DOWNTOWN PROPERTY

SHEET NUMBER
L1.50

Plotted By: Abbott, Nora Sheet Set: Windermere Downtown Property Layout: L2.00 OVERALL IRRIGATION PLAN July 31, 2023 04:01:26pm K:\OR_Civil\149973004-Windermere Downtown Property\CADD\CONSV\PlanSheets\L2.00 - IRRIGATION PLAN.dwg
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IRRIGATION NOTES

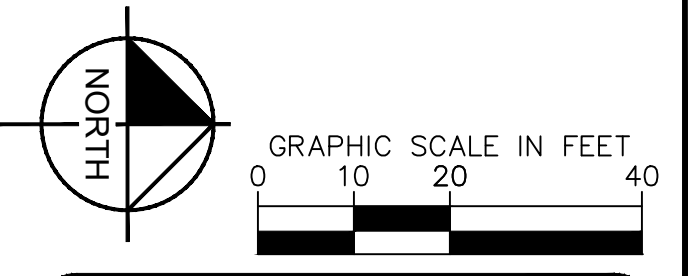
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, ETC. PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK.
- THE CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
- ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS.
- THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
- CONTRACTOR TO VERIFY ACTUAL AVAILABLE WATER PRESSURE BEFORE BEGINNING INSTALLATION. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE WATER PRESSURE WILL NOT ALLOW SYSTEM MODIFICATION TO BE POSSIBLE.
- IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
- WHERE APPLICABLE IRRIGATION HEADS ARE TO BE ADJUSTED FOR COMPLETE COVERAGE WITH MINIMUM OVER SPRAY BEYOND LANDSCAPE AREAS.
- EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRENCH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE.
- ALL IRRIGATION SLEEVING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES.
- IRRIGATION CONTRACTOR SHALL REVIEW WINTERIZATION PROCEDURES FOR IRRIGATION SYSTEM WITH OWNER'S REPRESENTATIVE.
- ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED.
- CONTRACTOR TO PROVIDE PERMANENT BENCHMARKS ON ALL CURB LINES AT RELATED SLEEVE LOCATIONS (TYP).
- THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED TO MINIMIZE ROOT DISTURBANCE IN EXISTING TREES.
- IRRIGATION SPRAYS AND ROTORS ARE NOT COMBINED ON THE SAME CONTROL VALVE CIRCUIT - LANDSCAPE BEDS AND TURF ON SEPARATE ROTORS.
- MATCH PRECIPITATION RATES WITH ANY HEADS THAT ARE REPLACED.

IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL NECESSARY MODIFICATIONS REQUIRED TO MEET THE SCHEMATIC INTENT OF THESE PLANS PRIOR TO SUBMITTING PROPOSAL. THESE PLANS OUTLINE THE OVERALL LAYOUT THE SYSTEM AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ZONE THE SYSTEM ACCORDINGLY BASED ON FLOW AND PRESSURE AVAILABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FOLLOWING BUT NOT LIMITED TO AVAILABLE FLOW, AVAILABLE PRESSURE, CONNECTION ASSEMBLY, CAPACITY OF THE SYSTEM.

IRRIGATION MAINLINE SHOWN FOR CLARITY. ALL INSTALLATION TO TAKE PLACE IN GREEN SPACES, NOT IN HARDSHAPE OR PAVEMENT AREAS, UNLESS SLEEVED.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	RAIN BIRD R-VAN-STRIIP 1806-SAM-P45	24	45
	RAIN BIRD R-VAN-14 1806-SAM-P45	23	45
	RAIN BIRD R-VAN-18 1806-SAM-P45	52	45
	RAIN BIRD R-VAN-24 1806-SAM-P45	18	45
	AREA TO RECEIVE DRIPLINE		
	RAIN BIRD XFD-09-12	1	
	RAIN BIRD FS-100-P	1	
	IRRIGATION MAINLINE: PVC SCHEDULE 40	557.4 L.F.	
	PIPE SLEEVE: PVC SCHEDULE 40 - LATERALS	425.9 L.F.	
	PIPE SLEEVE: PVC SCHEDULE 40 - MAINLINE	69.2 L.F.	



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PHONE: 407-896-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

LICENSED PROFESSIONAL
KHA PROJECT 149973004
DATE 07/11/2023
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY NAA
CHECKED BY MTF

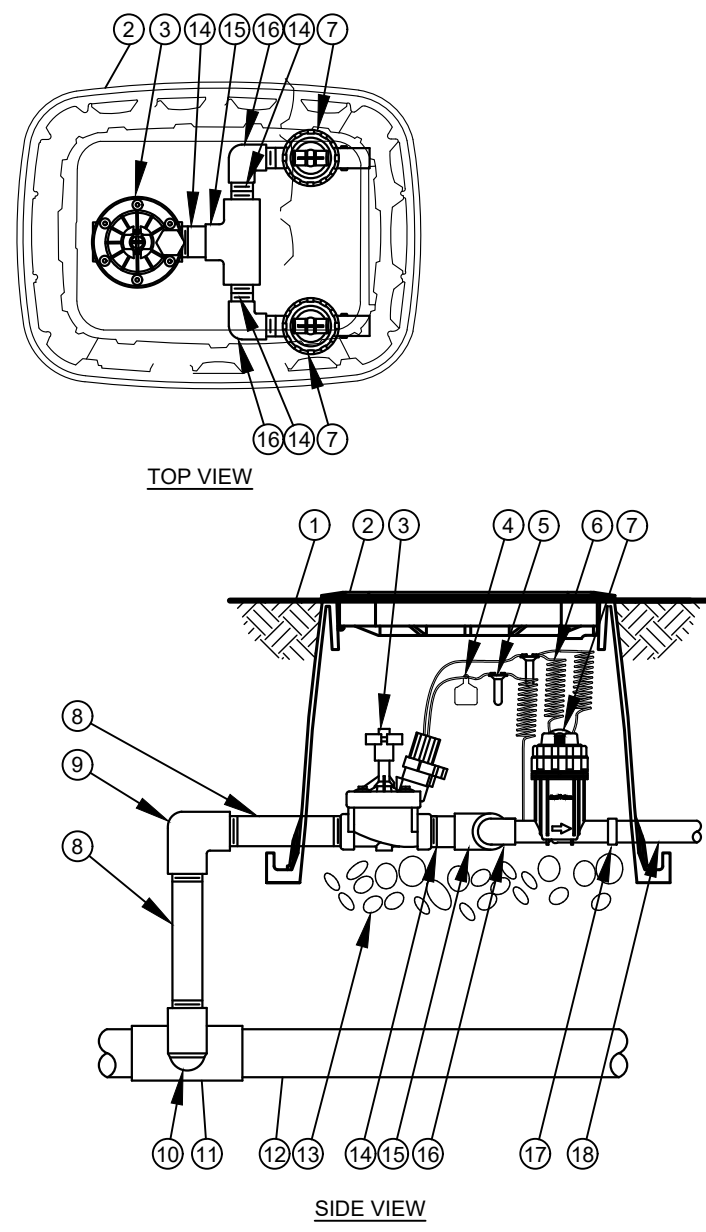
IRRIGATION PLAN

WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE

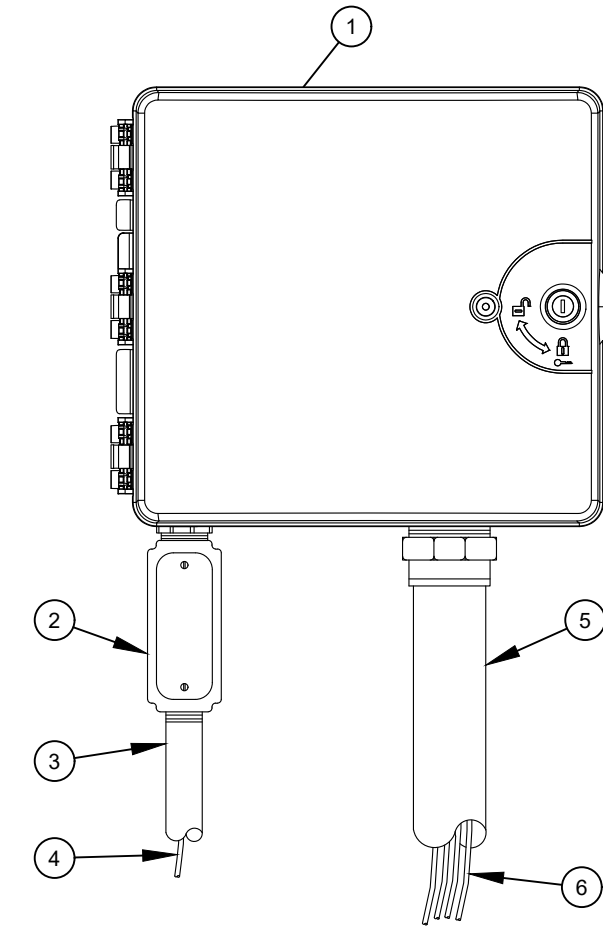
SHEET NUMBER
L2.00

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- 1 FINISH GRADE/TOP OF MULCH
- 2 VALVE BOX WITH COVER:
- 3 REMOTE CONTROL VALVE:
- 4 ID TAG
- 5 WATERPROOF CONNECTION:
- 6 30-INCH LINEAR LENGTH OF WIRE, COILED
- 7 PRESSURE REGULATING QUICK CHECK BASKET FILTER:
- 8 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- 9 PVC SCH 40 ELL
- 10 PVC SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND PVC SCH 40 ELL
- 11 PVC SCH 40 TEE OR ELL
- 12 MAINLINE PIPE
- 13 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
- 14 PVC SCH 80 NIPPLE, CLOSE
- 15 PVC SCH 40 TEE
- 16 PVC SCH 40 ELL
- 17 PVC SCH 40 FEMALE ADAPTOR
- 18 LATERAL PIPE

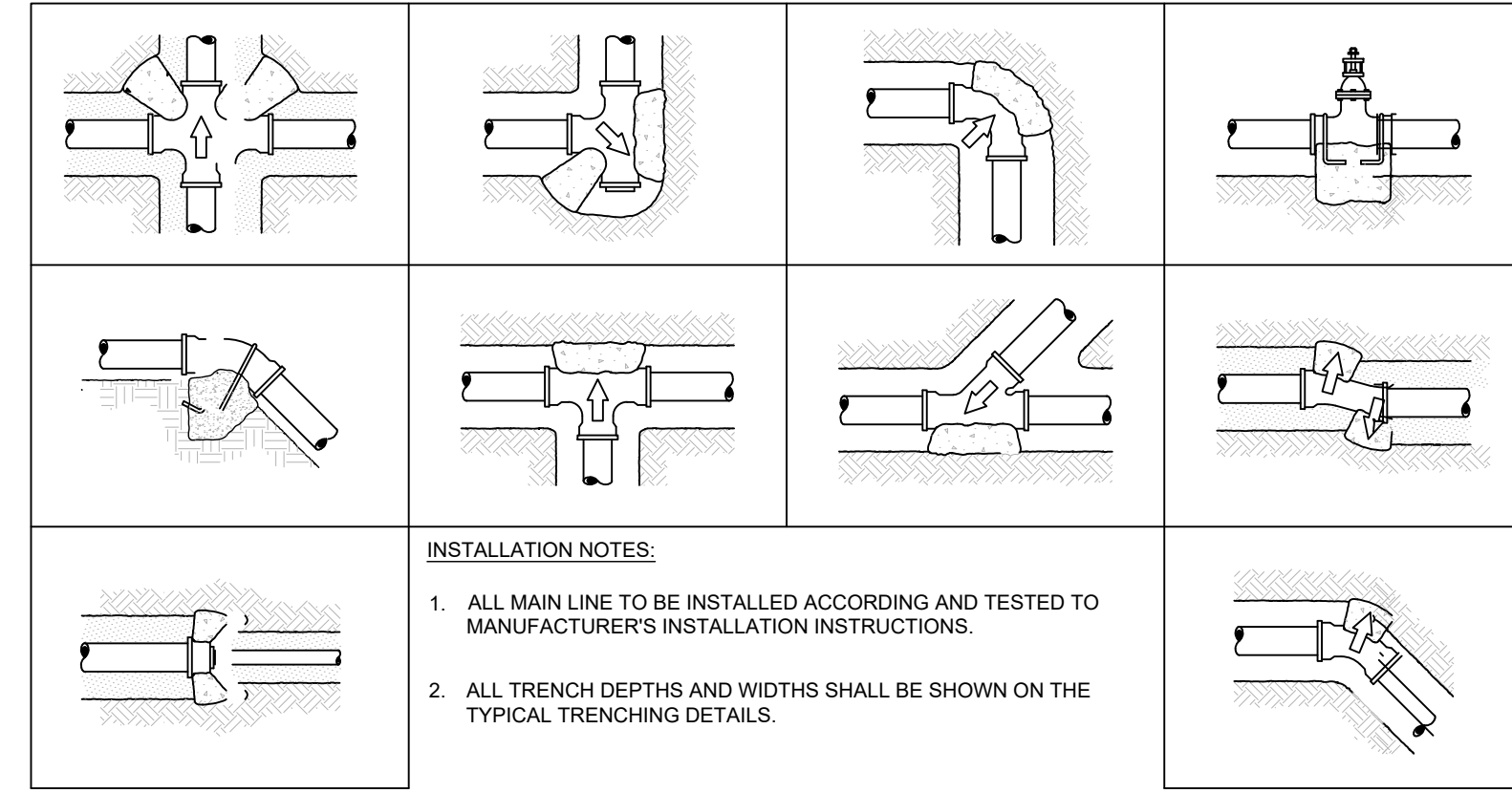
1 COMMERCIAL CONTROL DRIP ZONE VALVE KIT
L2.50 SECTION / PLAN NTS



- 1 IRRIGATION CONTROLLER: CONTROLLER (OWNER TO SPECIFY WALL MOUNT OR STAINLESS STEEL PEDESTAL MOUNT). INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- 2 JUNCTION BOX
- 3 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
- 4 POWER SUPPLY WIRE
- 5 2-INCH CONDUIT AND FITTINGS FOR STATION WIRES
- 6 WIRES TO REMOTE CONTROL VALVES

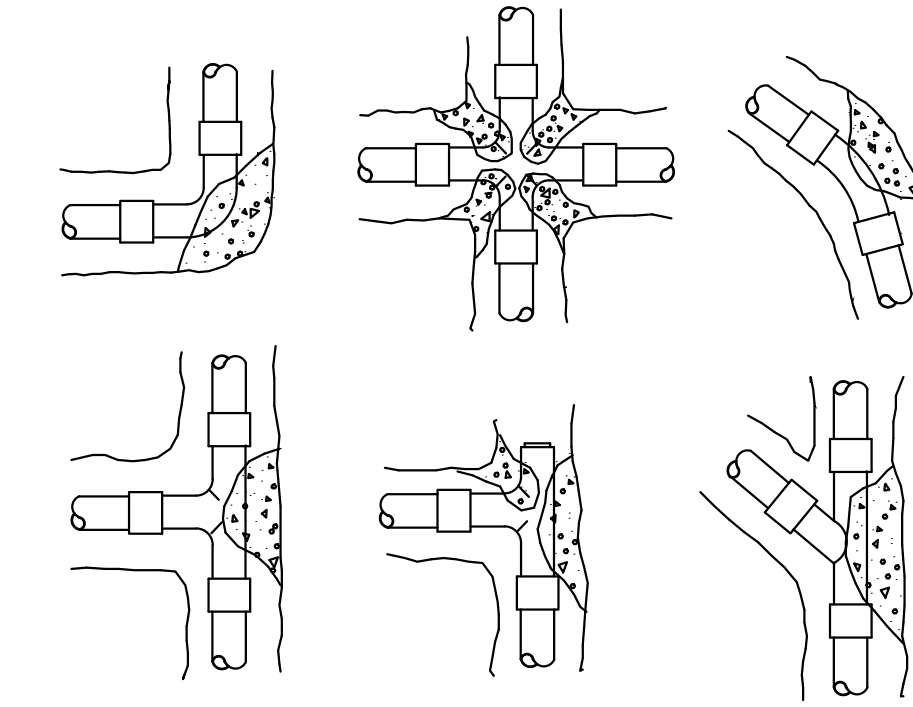
- NOTES:
1. FOR EASE OF INSTALLATION INTO A CONTROLLER WITH MORE THAN 24 STATIONS, INSTALL A JUNCTION BOX AT THE BASE OF CONTROLLER AND TRANSITION LARGER VALVE AND COMMON WIRES FROM FIELD TO 18 AWG MULTI CONDUCTOR WIRE TO BE USED IN CONTROLLER.
 2. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW GRADE CONDITIONS.
 3. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

2 TYPICAL CONTROLLER
L2.50 ELEVATION NTS



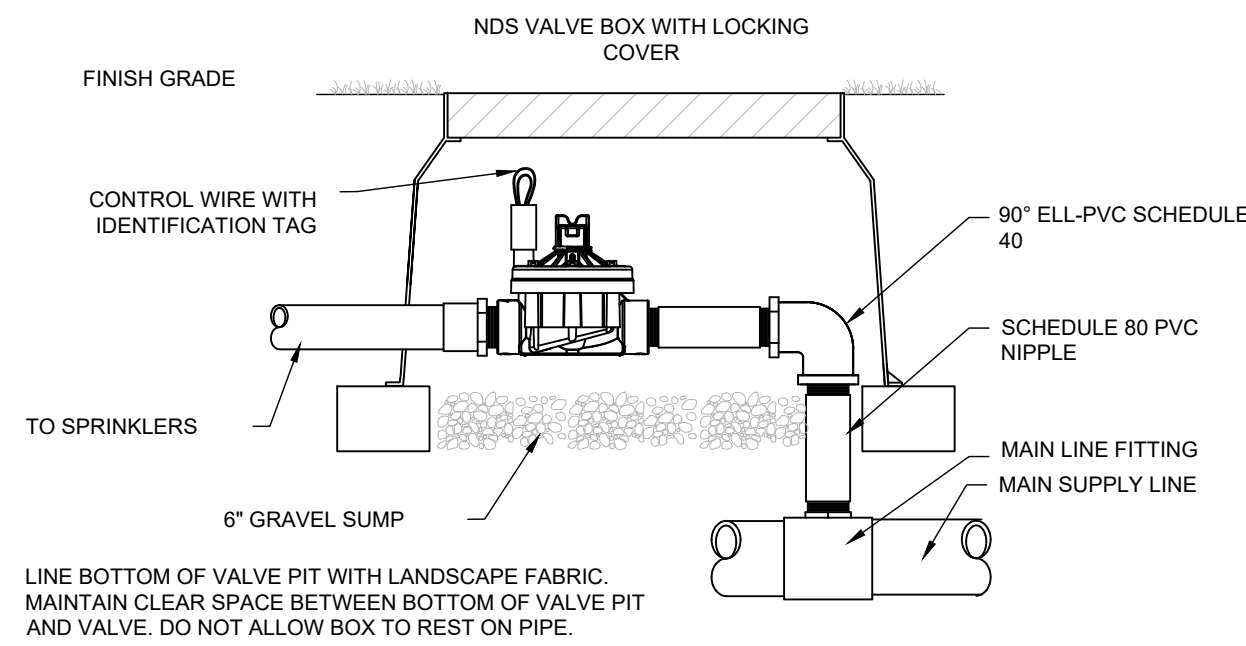
- INSTALLATION NOTES:
1. ALL MAIN LINE TO BE INSTALLED ACCORDING AND TESTED TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. ALL TRENCH DEPTHS AND WIDTHS SHALL BE SHOWN ON THE TYPICAL TRENCHING DETAILS.

3 TYPICAL THRUST BLOCK
L2.50 SECTION NTS

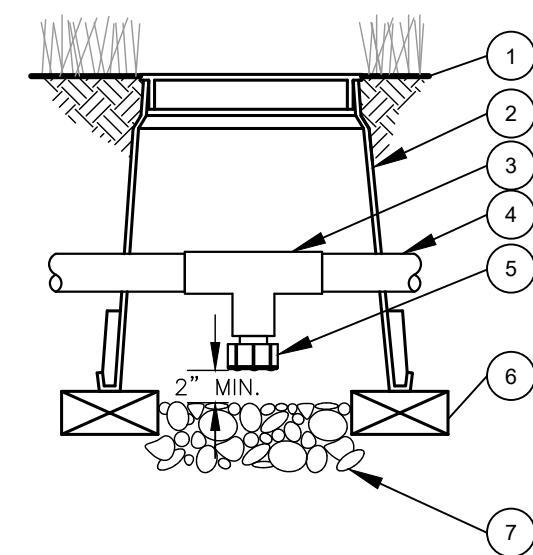


- INSTALLATION NOTES:
1. 3000 PSI CONCRETE OR BETTER IS TO BE USED FOR THRUST BLOCKS.
 2. FOR 45°/90° FITTINGS, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED.
 3. FOR 22-1/2" FITTINGS, MINIMUM OF 0.5 CUBIC FEET OF CONCRETE TO BE USED.
 4. FOR TEES, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED. THRUST BLOCKS REQUIRED FOR IRRIGATION MAINLINE 2 1/2" AND LARGER.

4 THRUST BLOCK REINFORCEMENT
L2.50 SECTION NTS

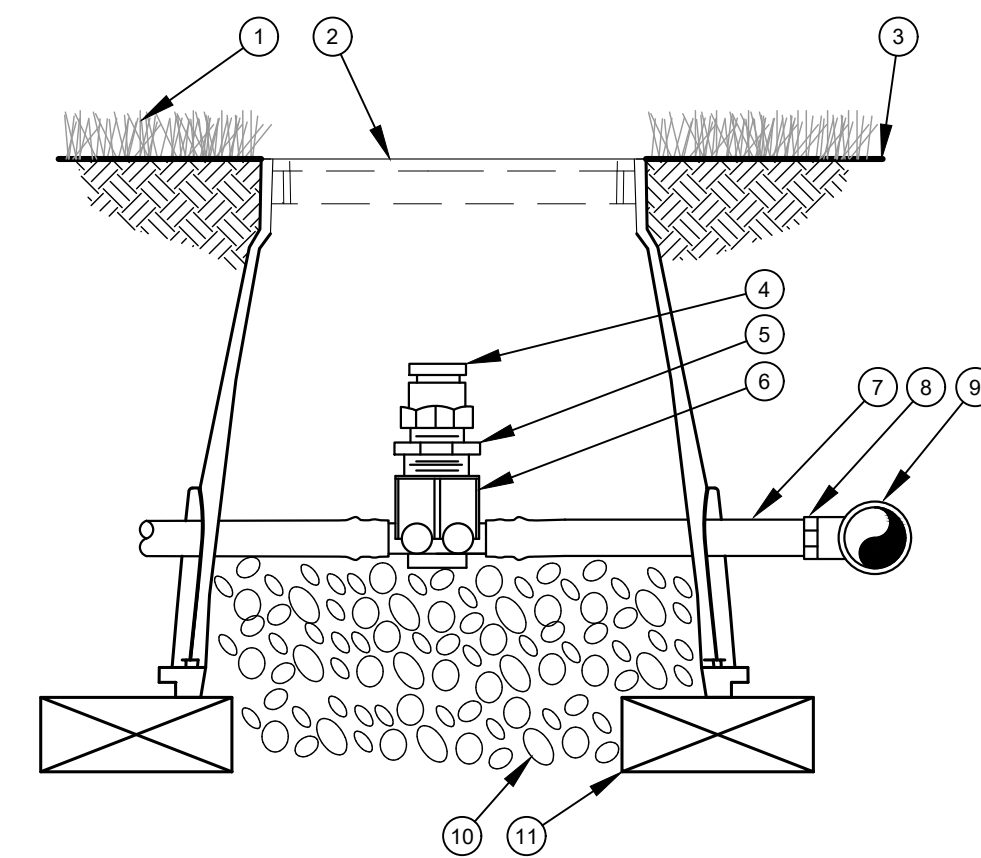


5 TYPICAL CONTROL VALVE
L2.50 SECTION NTS



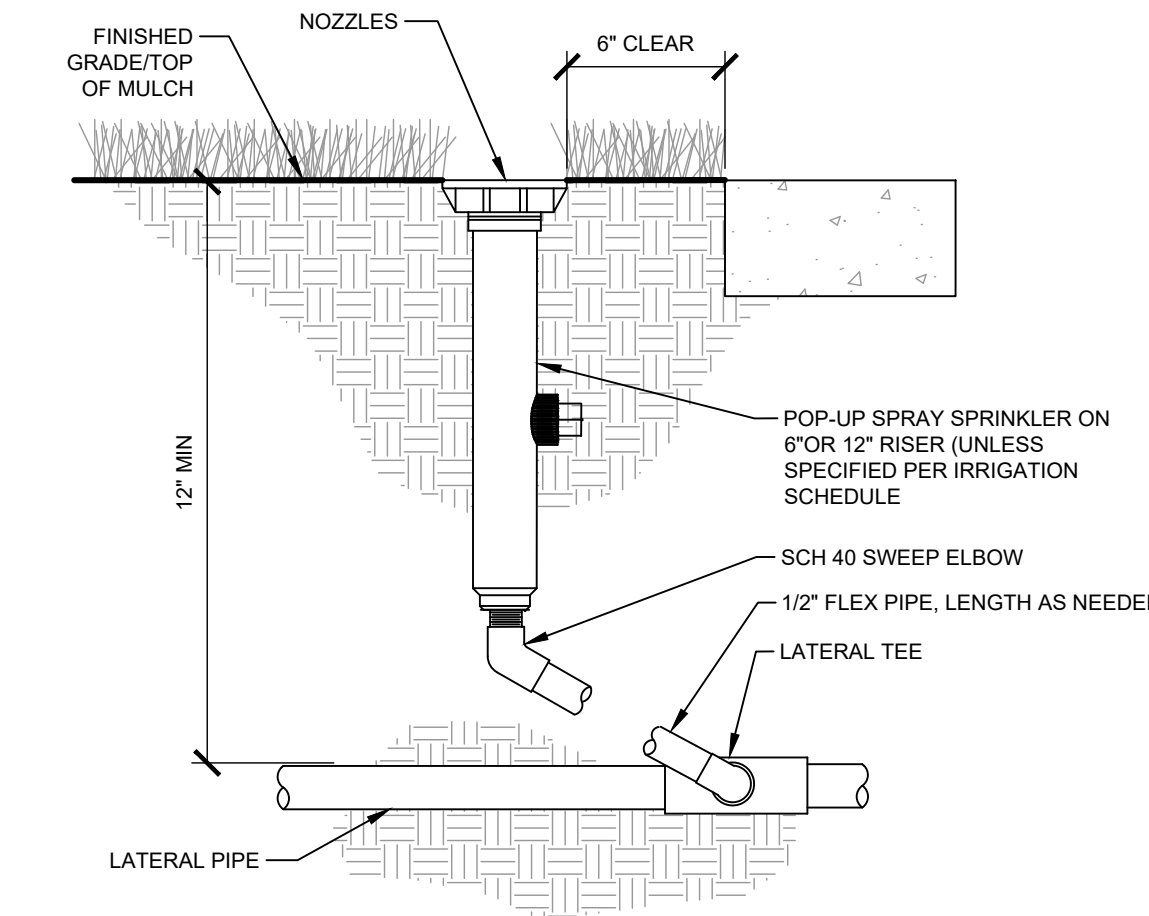
- 1 FINISH GRADE/TOP OF MULCH
- 2 VALVE BOX WITH COVER:
- 3 PVC SCH 40 TEE
- 4 PVC LATERAL PIPE
- 5 FILTERED DRAIN VALVE:
- 6 BRICK (1 OF 2)
- 7 6-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

6 DRAIN VALVE
L2.50 SECTION NTS

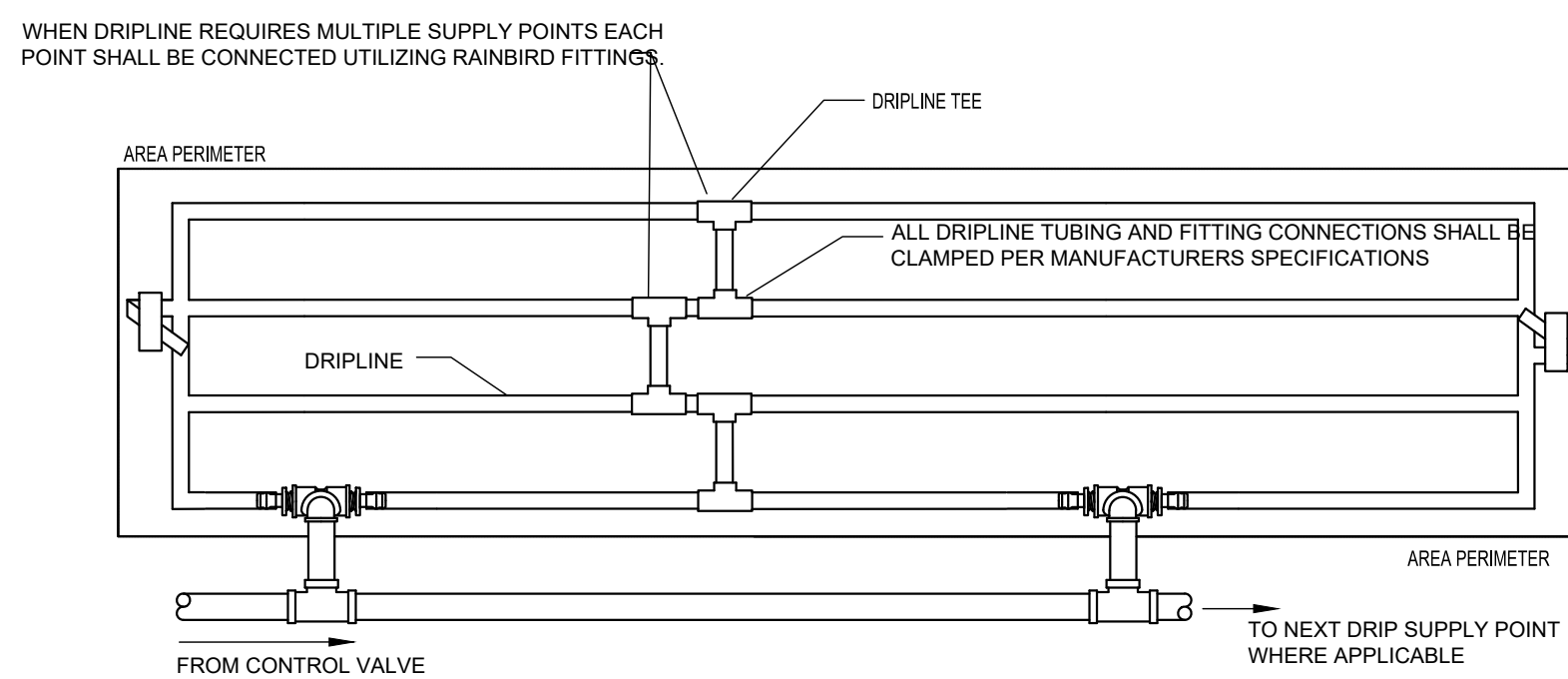


- 1 TURF GRASS
- 2 VALVE BOX LID
- 3 FINISH GRADE
- 4 1/2" AIR RELIEF VALVE: TO BE INSTALLED AT HIGH POINTS IN DRIP ZONE
- 5 1/2" x 3/4" PVC REDUCER BUSHING
- 6 BARB X FEMALE THREAD CONNECTOR:
- 7 1/2" BLANK DRIPLINE TUBING:
- 8 BARB X MALE THREAD CONNECTOR:
- 9 PVC TEE CONNECTED TO PVC HEADER PIPE
- 10 3" MINIMUM DEPTH OF 3/4" WASHED GRAVEL
- 11 BRICK (1 OF 2)

7 AIR RELIEF VALVE IN XFS DRIP LINE
L2.50 SECTION NTS

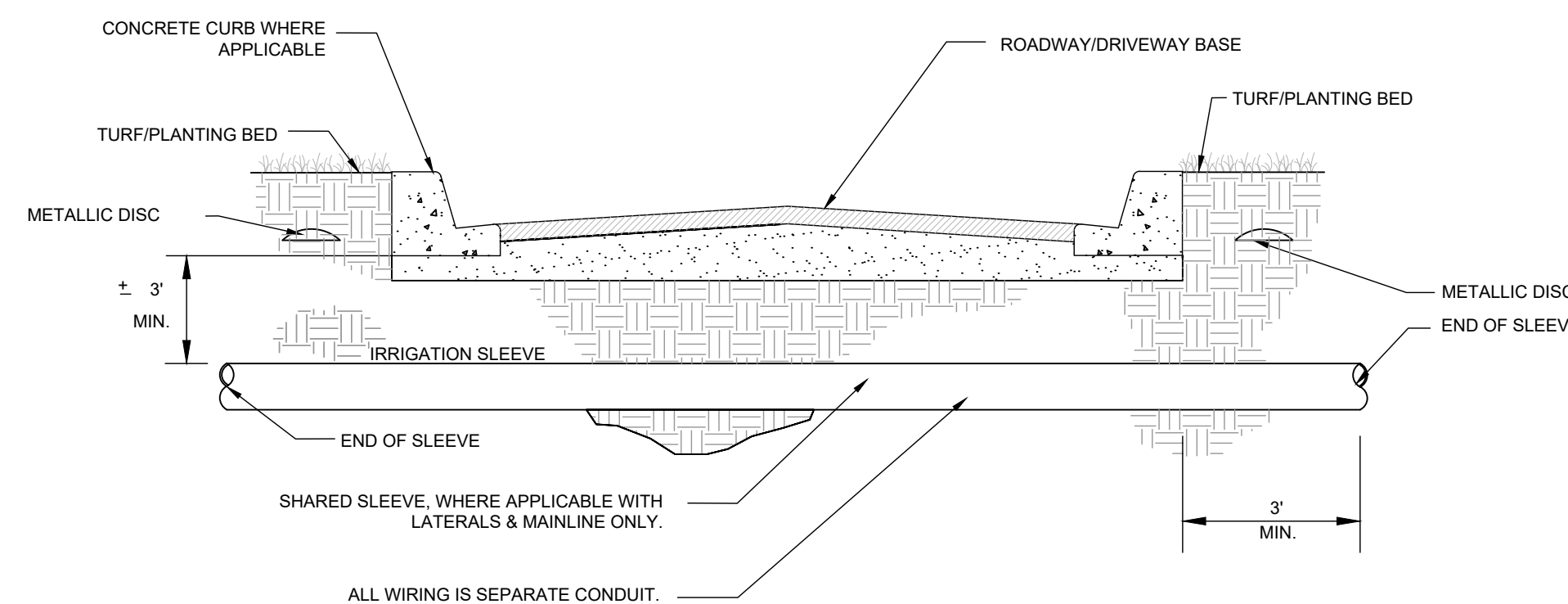


8 TYPICAL SPRAY / ROTAR HEAD
L2.50 SECTION NTS

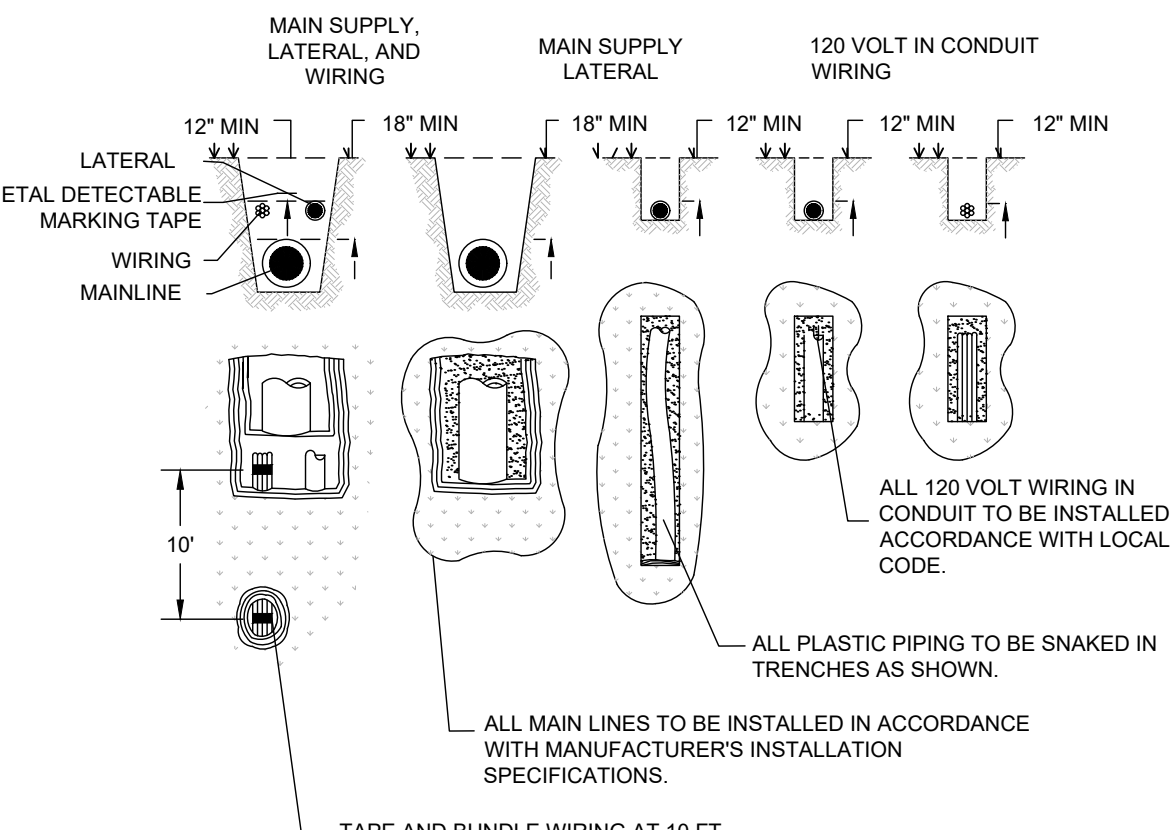


- WHEN DRIPLINE REQUIRES MULTIPLE SUPPLY POINTS EACH POINT SHALL BE CONNECTED UTILIZING RAINBIRD FITTINGS.
- ALL DRIPLINE TUBING AND FITTING CONNECTIONS SHALL BE CLAMPED PER MANUFACTURER'S SPECIFICATIONS.
- CONTRACTOR TO REFER TO IRRIGATION PLAN FOR LOCATION OF CONTROL VALVES THAT UTILIZE MULTIPLE DRIPLINE SUPPLY CONNECTIONS. IF NOT SHOWN, INSTALL WITHIN ADJACENT GREEN AREA NOT IN A HIGHLY VISIBLE AREA.
- NOTE:
1. DRIP TUBING TO BE ROUTED IN THE PLANT MATERIAL BED WITH AT MAXIMUM LATERAL SPACING OF 16 INCHES.
 2. DRIP TUBING TO BE INSTALLED IN A GRID PATTERN. DRIP TUBING SHALL NOT BE INSTALLED IN A LONG CONTINUOUS RUN.
 3. CONTRACTOR TO REFER TO IRRIGATION PLAN FOR LOCATION OF CONTROL VALVES THAT UTILIZE MULTIPLE DRIPLINE SUPPLY CONNECTIONS (IF SHOWN).

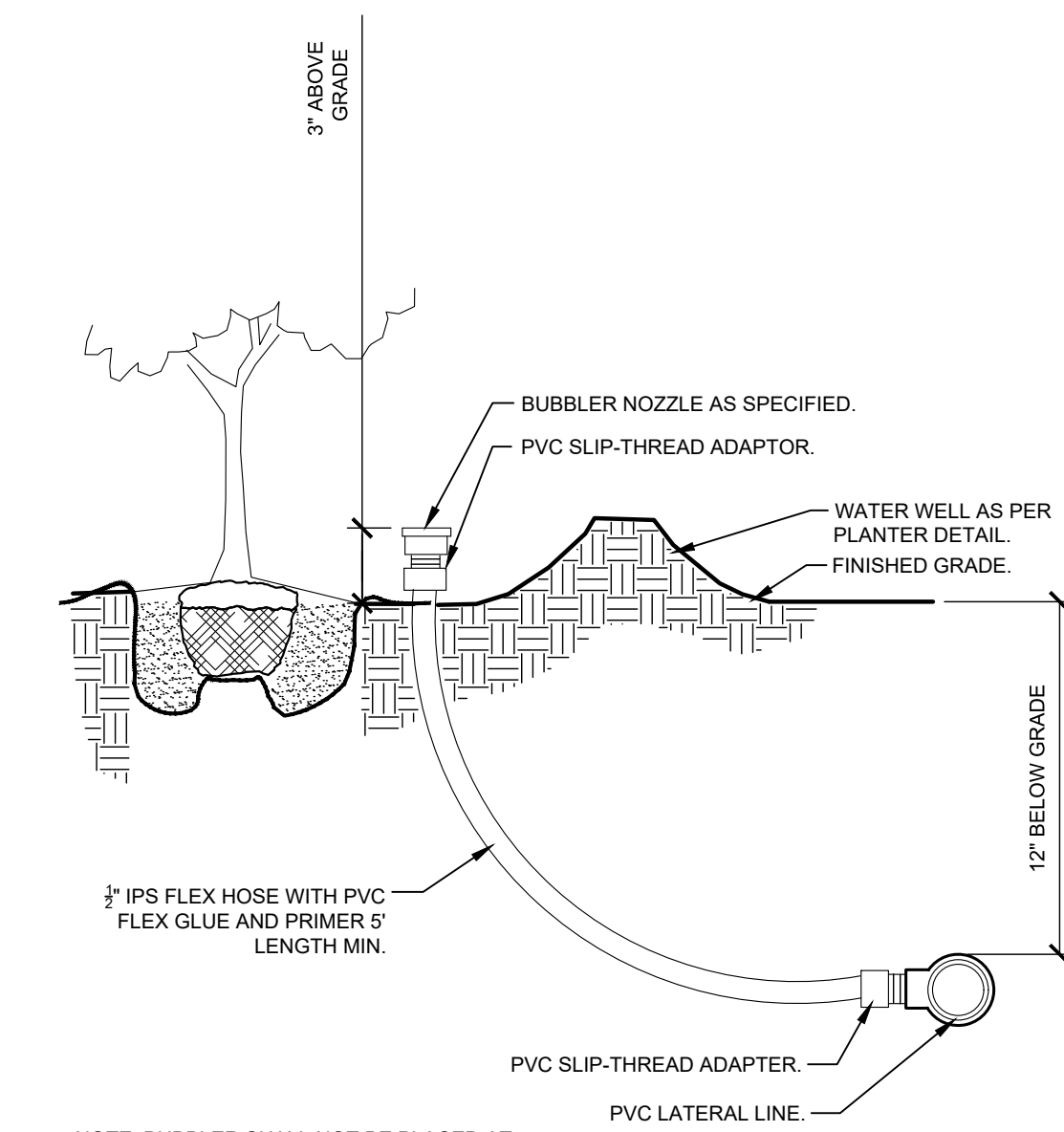
9 TYPICAL DRIP LINE
L2.50 PLAN NTS



10 TYPICAL SLEEVING
L2.50 SECTION NTS



11 TYPICAL TRENCHING
L2.50 SECTION / PLAN NTS



12 TYPICAL BUBBLER
L2.50 SECTION NTS

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LICENSED PROFESSIONAL

KHA PROJECT 149973004	DATE 07/11/2023	SCALE AS SHOWN	DESIGNED BY AKP
			DRAWN BY AKP
			CHECKED BY AKP

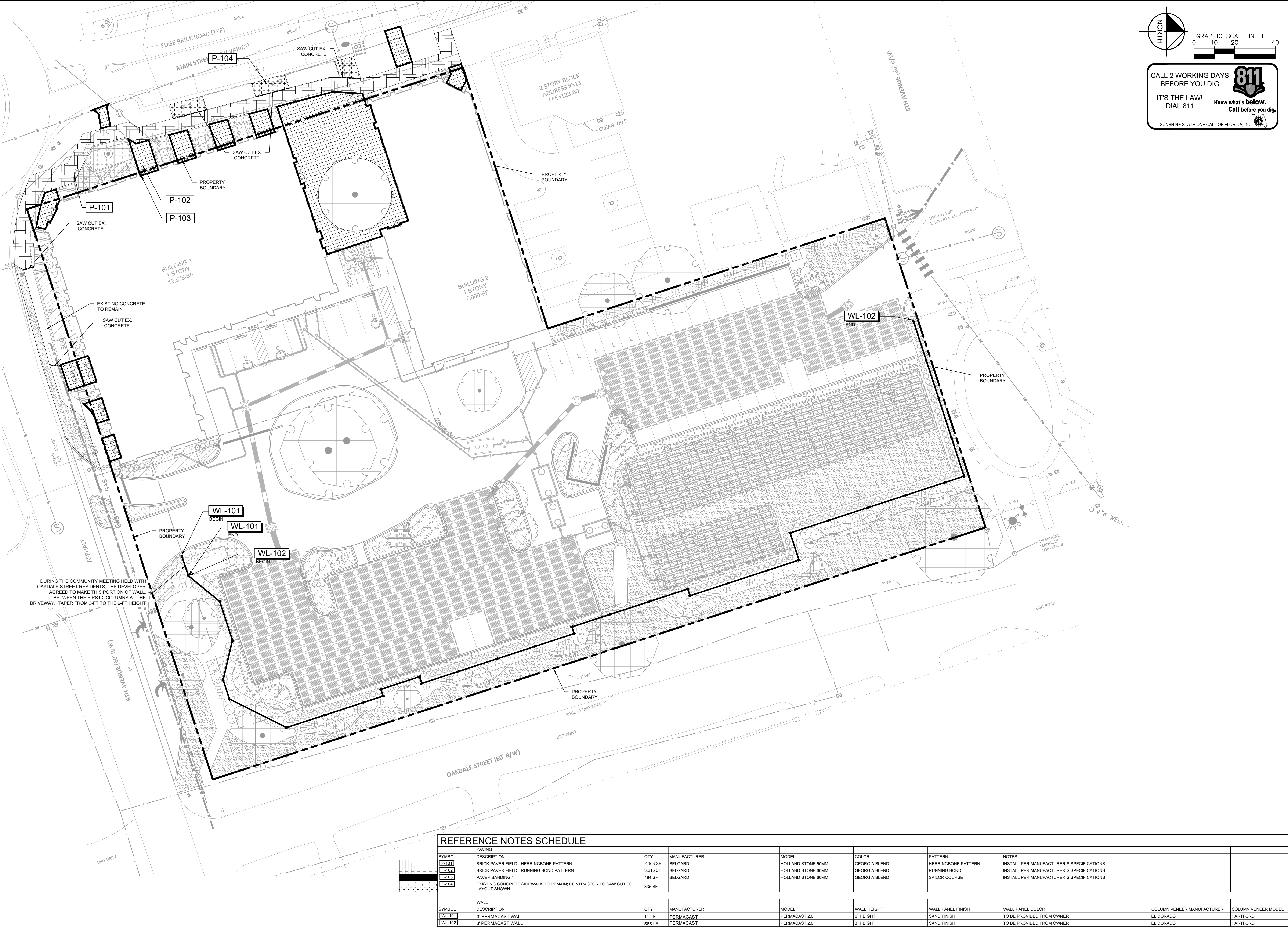
IRRIGATION DETAILS

WINDERMERE
DOWNTOWN
PROPERTY

TOWN OF
WINDERMERE

SHEET NUMBER
L2.50

Plotted By: Abbott, Nora Sheet Set: Windermere Downtown Property Layout: L3.00 July 31, 2023 04:02:13pm K:\ORL_Civil\149973004-Windermere Downtown Property\CADD\CONST\PlanSheets\L3.00 - HARDSCAPE PLAN.dwg
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NORTH
 GRAPHIC SCALE IN FEET
 0 10 20 40
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811
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DURING THE COMMUNITY MEETING HELD WITH OAKDALE STREET RESIDENTS, THE DEVELOPER AGREED TO MAKE THIS PORTION OF WALL BETWEEN THE FIRST 2 COLUMNS AT THE DRIVEWAY, TAPER FROM 3-FT TO THE 6-FT HEIGHT

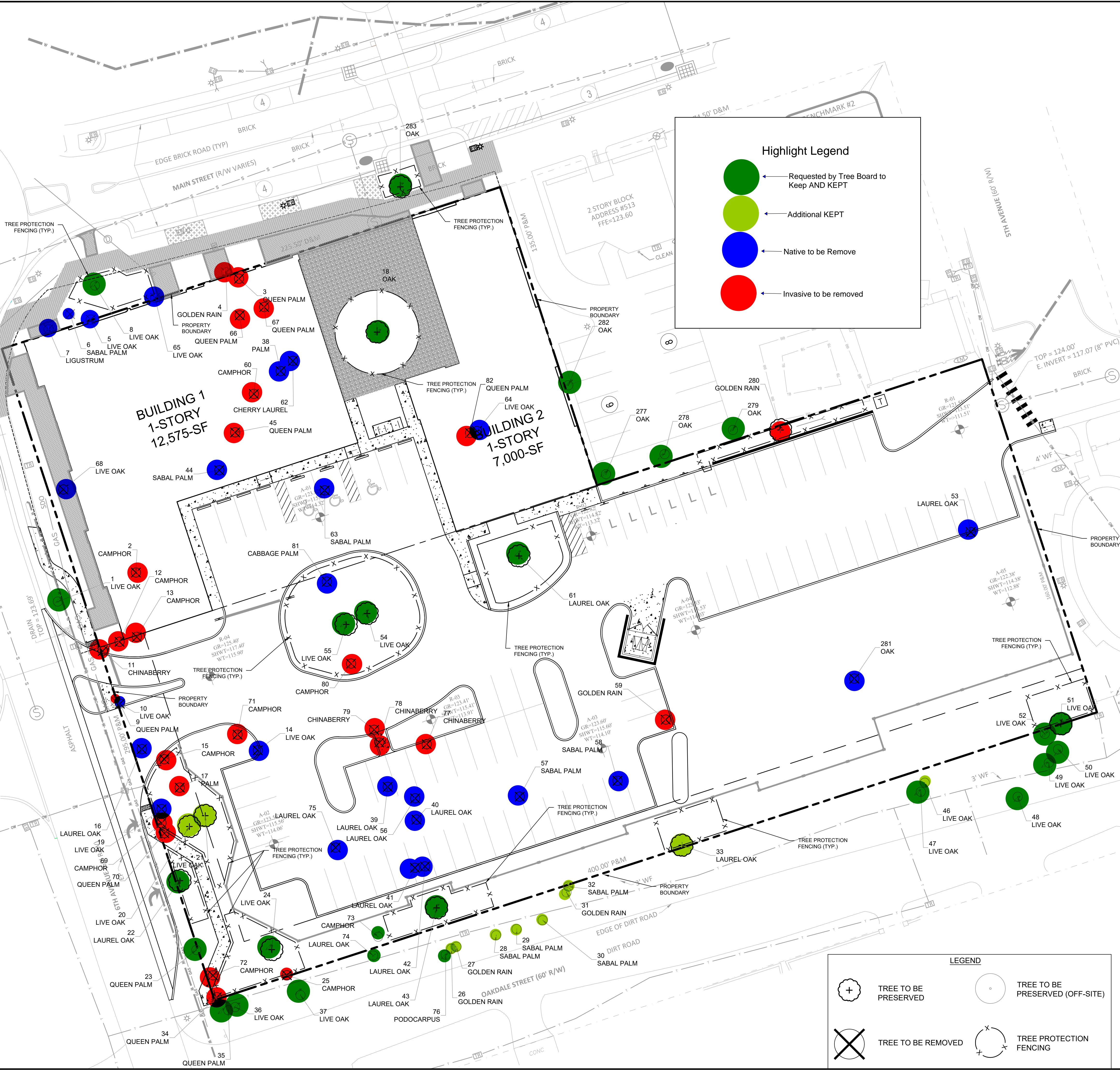
REFERENCE NOTES SCHEDULE

PAVING							
SYMBOL	DESCRIPTION	QTY	MANUFACTURER	MODEL	COLOR	PATTERN	NOTES
[Symbol]	BRICK PAVER FIELD - HERRINGBONE PATTERN	2,183 SF	BELGARD	HOLLAND STONE 60MM	GEORGIA BLEND	HERRINGBONE PATTERN	INSTALL PER MANUFACTURER'S SPECIFICATIONS
[Symbol]	BRICK PAVER FIELD - RUNNING BOND PATTERN	3,216 SF	BELGARD	HOLLAND STONE 60MM	GEORGIA BLEND	RUNNING BOND	INSTALL PER MANUFACTURER'S SPECIFICATIONS
[Symbol]	PAVER BANDING 1	494 SF	BELGARD	HOLLAND STONE 60MM	GEORGIA BLEND	SAILOR COURSE	INSTALL PER MANUFACTURER'S SPECIFICATIONS
[Symbol]	EXISTING CONCRETE SIDEWALK TO REMAIN; CONTRACTOR TO SAW CUT TO LAYOUT SHOWN	335 SF	-	-	-	-	-

WALL									
SYMBOL	DESCRIPTION	QTY	MANUFACTURER	MODEL	WALL HEIGHT	WALL PANEL FINISH	WALL PANEL COLOR	COLUMN VENEER MANUFACTURER	COLUMN VENEER MODEL
[Symbol]	3 PERMACAST WALL	11 LF	PERMACAST	PERMACAST 2.0	6' HEIGHT	SAND FINISH	TO BE PROVIDED FROM OWNER	EL DORADO	HARTFORD
[Symbol]	6 PERMACAST WALL	565 LF	PERMACAST	PERMACAST 2.0	3' HEIGHT	SAND FINISH	TO BE PROVIDED FROM OWNER	EL DORADO	HARTFORD

WINDERMERE DOWNTOWN PROPERTY
 TOWN OF WINDERMERE
 SHEET NUMBER **L3.00**
 HARDSCAPE PLAN
 LICENSED PROFESSIONAL
Kimley»Horn
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 PHONE: 407-896-1511
 WWW.KIMLEY-HORN.COM REGISTRY No. 35106
 KHA PROJECT 149973004
 DATE 07/11/2023
 SCALE AS SHOWN
 DESIGNED BY KHA
 DRAWN BY NAA
 CHECKED BY MTF
 REVISIONS
 No. BY DATE

Plotted By: Ceiber, Marcus. Sheet Set: Windermere Downtown Property. Layout: L0.50 TREE MITIGATION PLAN. May 03, 2023. 06:39:20pm. K:\ORL_Civil\14973004-Windermere Downtown Property\CADD\CONSTRUCTION\Plan\050 - TREE MITIGATION PLAN.dwg
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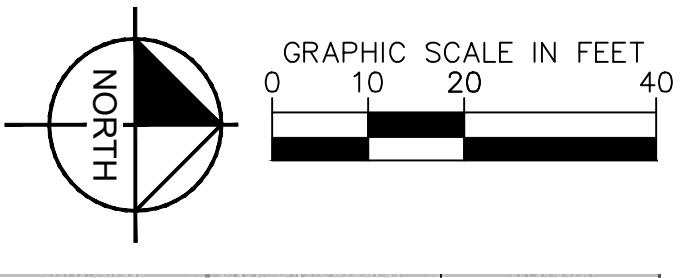


Highlight Legend

- Requested by Tree Board to Keep AND KEPT
- Additional KEPT
- Native to be Remove
- Invasive to be removed

LEGEND

- + TREE TO BE PRESERVED
- X TREE TO BE REMOVED
- TREE TO BE PRESERVED (OFF-SITE)
- X TREE PROTECTION FENCING



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WINDERMERE DOWNTOWN TREE MITIGATION CHART					
Tree Number	Species	DBH	Status	Reason	Location
1	LIVE OAK	15	PRESERVE		OFF-SITE
2	CAMPHOR	30	REMOVE	PROP. BUILDING	ONSITE
3	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE
4	GOLDEN RAIN	23	REMOVE		OFF-SITE
5	LIVE OAK	29	REMOVE	PROP. BUILDING	OFF-SITE
6	SABAL PALM	19	REMOVE		OFF-SITE
7	LIGUSTRUM	11	REMOVE	PROP. BUILDING	OFF-SITE
8	LIVE OAK	25	PRESERVE		OFF-SITE
9	QUEEN PALM	8	REMOVE	INGRESS/EGRESS	ONSITE
10	QUEEN PALM	9	REMOVE	INGRESS/EGRESS	OFF-SITE
11	CHINABERRY	20	REMOVE	INGRESS/EGRESS	ONSITE
12	CAMPHOR	16	REMOVE	INGRESS/EGRESS	ONSITE
13	CAMPHOR	10	REMOVE	INGRESS/EGRESS	ONSITE
14	LIVE OAK	37	REMOVE	PROPOSED PARKING	ONSITE
15	CAMPHOR	36	REMOVE	INGRESS/EGRESS	ONSITE
16	LAUREL OAK	31	REMOVE	INGRESS/EGRESS	ONSITE
17	PALM	30	REMOVE	PROPOSED WALL	ONSITE
18	OAK	38	PRESERVE		ONSITE
19	LIVE OAK	28	REMOVE	PROP. SIDEWALK	ONSITE
20	LIVE OAK	29	PRESERVE	PROPOSED WALL	ONSITE
21	LIVE OAK	21	PRESERVE	PROPOSED WALL	ONSITE
22	LAUREL OAK	23	PRESERVE		ONSITE
23	QUEEN PALM	8	PRESERVE		OFF-SITE
24	LIVE OAK	34	PRESERVE		ONSITE
25	CAMPHOR	28	REMOVE	INGRESS/EGRESS	ONSITE
26	GOLDEN RAIN	10	PRESERVE	INGRESS/EGRESS	OFF-SITE
27	GOLDEN RAIN	12	PRESERVE	INGRESS/EGRESS	OFF-SITE
28	SABAL PALM	15	PRESERVE		OFF-SITE
29	SABAL PALM	17	PRESERVE		OFF-SITE
30	SABAL PALM	18	PRESERVE		OFF-SITE
31	GOLDEN RAIN	11	REMOVE	INGRESS/EGRESS	OFF-SITE
32	SABAL PALM	17	PRESERVE		OFF-SITE
33	OAK	36	PRESERVE		ONSITE
34	QUEEN PALM	10	REMOVE	PROP. SIDEWALK	ONSITE
35	QUEEN PALM	9	REMOVE	PROP. SIDEWALK	OFF-SITE
36	LIVE OAK	25	PRESERVE		OFF-SITE
37	LIVE OAK	29	PRESERVE		OFF-SITE
38	PALM	10	REMOVE	PROP. BUILDING, DEAD	ONSITE
39	LAUREL OAK	39	REMOVE	PROPOSED PARKING	ONSITE
40	LAUREL OAK	26	REMOVE	PROPOSED PARKING	ONSITE
41	LAUREL OAK	12	REMOVE	PROPOSED PARKING	ONSITE
42	LAUREL OAK	17	REMOVE	PROPOSED PARKING	ONSITE
43	LAUREL OAK	14	REMOVE	PROPOSED WALL	ONSITE
44	SABAL PALM	21	REMOVE	PROP. BUILDING	ONSITE
45	QUEEN PALM	10	REMOVE	PROP. BUILDING	ONSITE
46	OAK	27	PRESERVE		OFF-SITE
47	OAK	17	PRESERVE		OFF-SITE
48	OAK	47	PRESERVE		OFF-SITE
49	OAK	47	PRESERVE		OFF-SITE
50	OAK	43	PRESERVE		OFF-SITE
51	OAK	48	PRESERVE		ONSITE
52	OAK	42	PRESERVE		OFF-SITE
53	OAK	38	REMOVE	PROPOSED PARKING	ONSITE
54	OAK	48	PRESERVE		ONSITE
55	OAK	48	PRESERVE		ONSITE
56	LAUREL OAK	24	REMOVE	PROPOSED PARKING	ONSITE
57	SABAL PALM	11	REMOVE	PROPOSED PARKING	ONSITE
58	SABAL PALM	15	REMOVE	PROPOSED PARKING	ONSITE
59	GOLDEN RAIN	10	REMOVE	INGRESS/EGRESS	ONSITE
60	CAMPHOR	32	REMOVE	INGRESS/EGRESS	ONSITE
61	LAUREL OAK	77	PRESERVE		ONSITE
62	CHERRY LAUREL	14	REMOVE	PROP. BUILDING	ONSITE
63	SABAL PALM	18	REMOVE	PROPOSED PARKING	ONSITE
64	OAK	48	REMOVE	PROP. BUILDING	OFF-SITE
65	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE
66	QUEEN PALM	4	REMOVE	PROP. BUILDING	ONSITE
67	OAK	25	REMOVE	PROP. SIDEWALK	ONSITE
68	CAMPHOR	10	REMOVE	INGRESS/EGRESS	ONSITE
69	QUEEN PALM	7	REMOVE	PROP. SIDEWALK	ONSITE
70	CAMPHOR	32	REMOVE	PROP. CURB	ONSITE
71	CAMPHOR	12	REMOVE	PROP. CURB	ONSITE
72	LAUREL OAK	14	REMOVE	PROP. CURB	ONSITE
73	LAUREL OAK	17	PRESERVE		OFF-SITE
74	LAUREL OAK	18	REMOVE	PROPOSED PARKING	ONSITE
75	PODOCARPUS	13	PRESERVE		OFF-SITE
76	CHINABERRY	6	REMOVE	PROPOSED PARKING	ONSITE
77	CHINABERRY	23	REMOVE	PROPOSED PARKING	ONSITE
78	CHINABERRY	6	REMOVE	PROP. SIDEWALK	ONSITE
79	SABAL PALM	13	REMOVE	PROP. CURB	ONSITE
80	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE
81	OAK	35	PRESERVE		OFF-SITE
82	OAK	29	PRESERVE		OFF-SITE
83	GOLDEN RAIN	38	REMOVE	PROP. WALL/PARKING	ONSITE
84	OAK	29	REMOVE	PROP. SEPTIC	ONSITE
85	OAK	36	PRESERVE		OFF-SITE
86	OAK	18	PRESERVE		OFF-SITE

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 PHONE: 407-896-1511
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LICENSED PROFESSIONAL
 KHA PROJECT
 149973004
 DATE
 02/09/2023
 SCALE
 AS SHOWN
 DESIGNED BY
 AKP
 DRAWN BY
 AKP
 CHECKED BY
 AKP
 DATE:

TREE MITIGATION PLAN
 WINDERMERE DOWNTOWN PROPERTY
 SHEET NUMBER
L0.50

TOWN OF
 WINDERMERE
 FL

MAIN ST.

BRICK

174.50' D&M

135.00' P&M

2 STORY BLOCK
ADDRESS #513
FFE=123.60

BLDG I
RETAIL/ OFFICE

+/- 12,575 SF

PROPOSED
COURTYARD
AREA

BLDG II
ACE HARDWARE

+/- 7,000 SF

PARKING

PARKING LOT &
BOH

PARKING LOT

SITE WALL

SITE WALL

1
DRC09

3' WF

4' WF

4'

3' WF

6TH AVE.

ASPHALT

6TH AVENUE (60' R/W)
EP

ARCHITECTURAL SITE REFERENCE PLAN

S+C

VB
CAPITAL

WINDERMERE DOWNTOWN PROPERTY - CORNER OF
6TH AND MAIN, TOWN OF WINDERMERE, FL
MIXED RETAIL & OFFICE

517-527 MAIN ST.
WINDERMERE, FL 34786

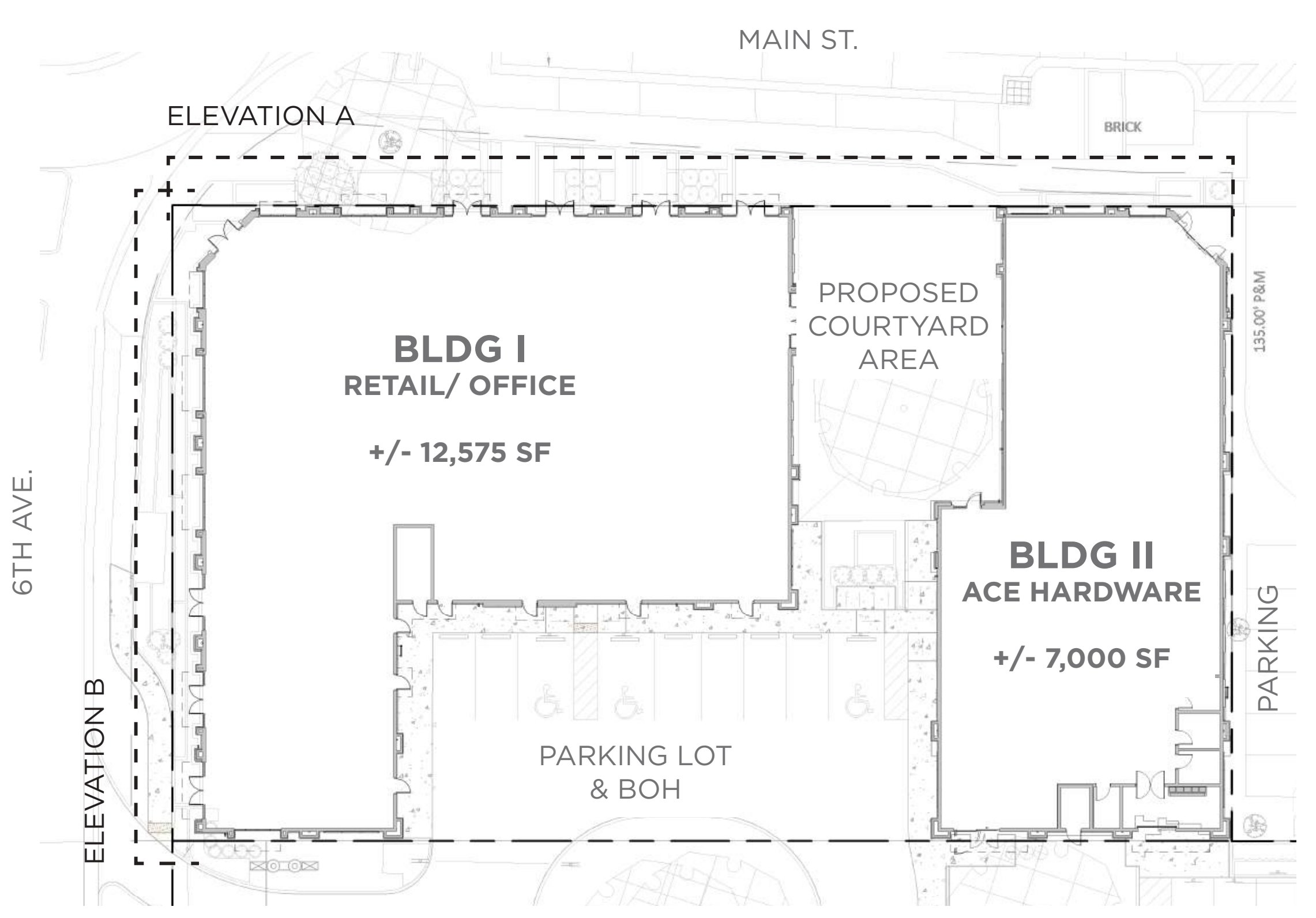
SCOTT + CORMIA
Architecture and Interiors, LLC
FL#: A26002980
429 South Keller Road Ste 200
Orlando, Florida 32810
4076602766
scottcormia.com

Drawn By: PG, RB, SC
Reviewed By: RB, LO

211F
2023 . JUL . 62



ELEVATION B - BLDG I - FROM 6TH AVE.



SITE PLAN



ELEVATION A - BLDG I & II - FROM MAIN ST.

- ① SW - 7005 PURE WHITE MAIN PAINT COLOR
- ② SW - 7036 ACCESSIBLE BEIGE ACCENT COLOR
- ③ SW - 7672 KNITTING NEEDLES ACCENT COLOR
- ④ EL DORADO RIVERBED BRICK VENEER
- ⑤ EL DORADO LATIGO BRICK VENEER
- ⑥ EL DORADO DOVETAIL STONE VENEER
- ⑦ SUNBRELLA BLACK AWNING FABRIC
- ⑧ GAF TIMBERLINE HDZ CHARCOAL ROOF SHINGLES



BLDG I & II - NORT-EAST ELEVATION SHOWING BOH - FROM PARKING LOT



BLDG I RETAIL/ OFFICE - NORTH-WEST ELEVATION - FROM COURTYARD AREA



BLDG II ACE HARDWARE - NORTH-WEST ELEVATION FROM PARKING LOT



BLDG II ACE HARDWARE - SOUTH-EAST ELEVATION - FROM COURTYARD AREA



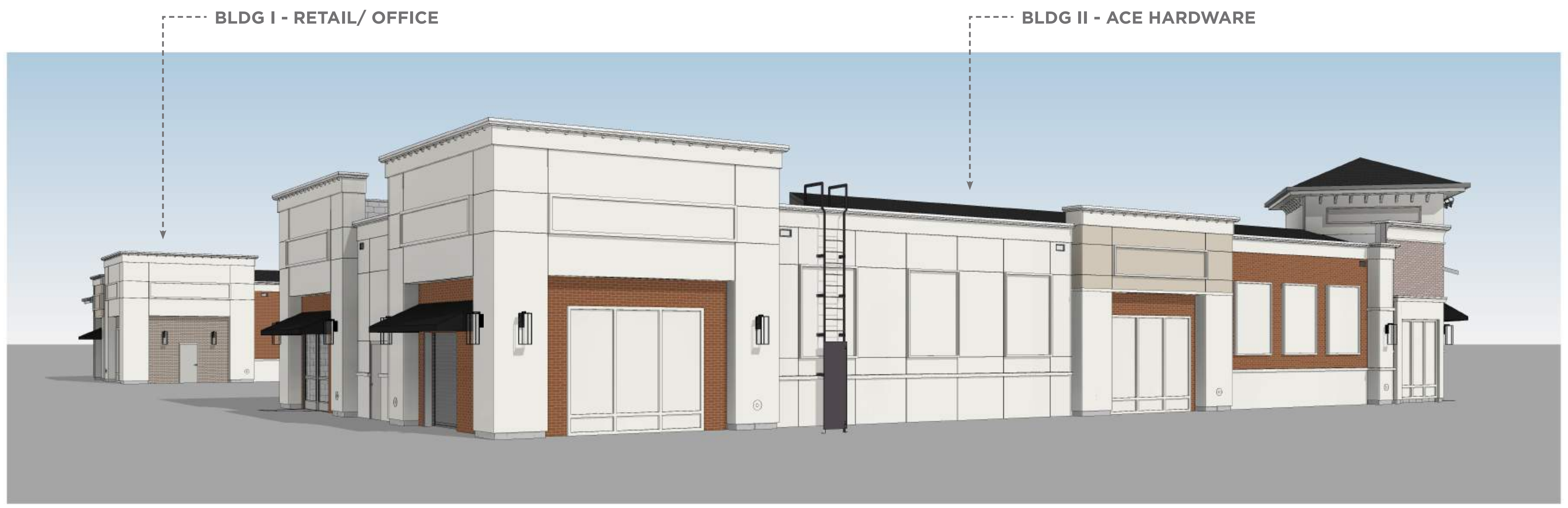
SOUTH CORNER 3D PERSPECTIVE VIEW - FROM CORNER OF MAIN ST. AND 6TH AVE.



WEST CORNER 3D PERSPECTIVE VIEW - FROM MAIN ST.



EAST CORNER 3D PERSPECTIVE VIEW - FROM 6TH AVE.



NORTH CORNER 3D PERSPECTIVE VIEW - FROM PARKING LOT

BLDG I - RETAIL/ OFFICE

BLDG II - ACE HARDWARE



BACK-OF-HOUSE 3D PERSEPCTIVE VIEW - FROM PARKING LOT

BLDG II - ACE HARDWARE

BLDG I - RETAIL/ OFFICE



COURTYARD 3D PERSPECTIVE VIEW - FROM MAIN ST.



CONCEPT IMAGES

BELOW 35' MAX

LARGE AMOUNT OF BRICK VENEER AND NEUTRAL COLORS TO MATCH LOCATION CONTEXT

18" GAP BEFORE STOREFRONT (OPPORTUNITY FOR DECORATIVE BULKHEAD)

ARCHITECTURAL ELEMENT + SIGNAGE AT OR ABOVE EXPRESSION LINE

FABRIC AWNING AT WINDOWS AND STOREFRONTS



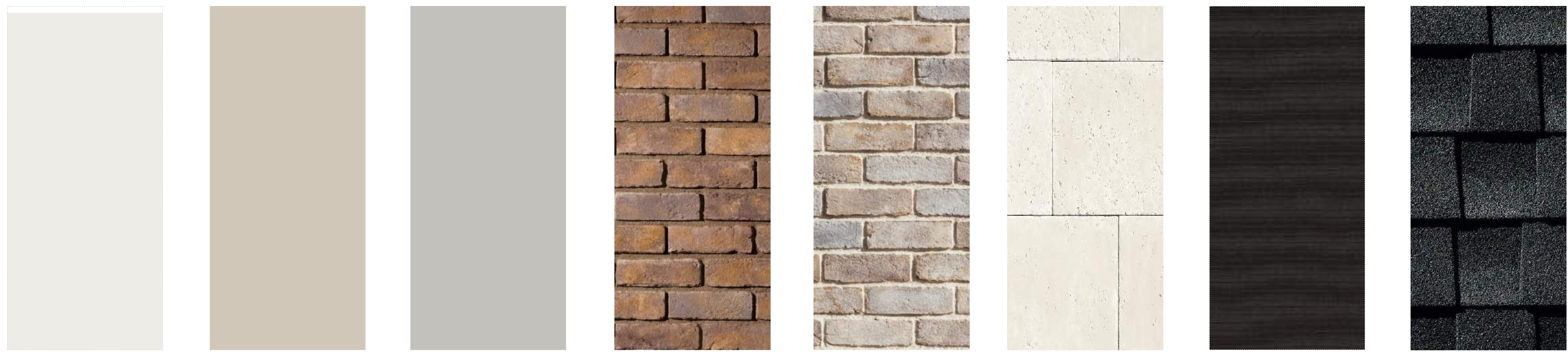
MATERIAL CHOICES AND ARCHITECTURAL ELEMENTS PER DESIGN GUIDELINES (ELEVATION 'B' SHOWN FOR REFERENCE)



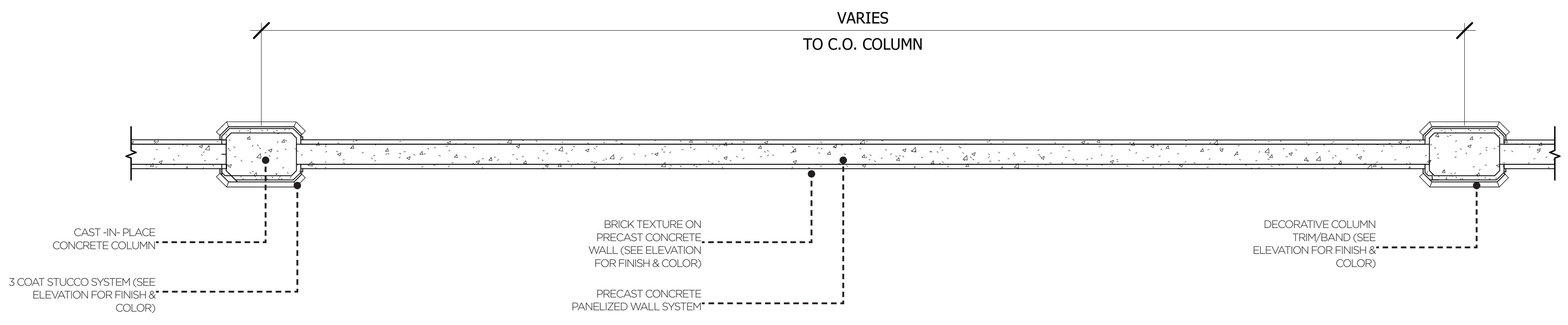
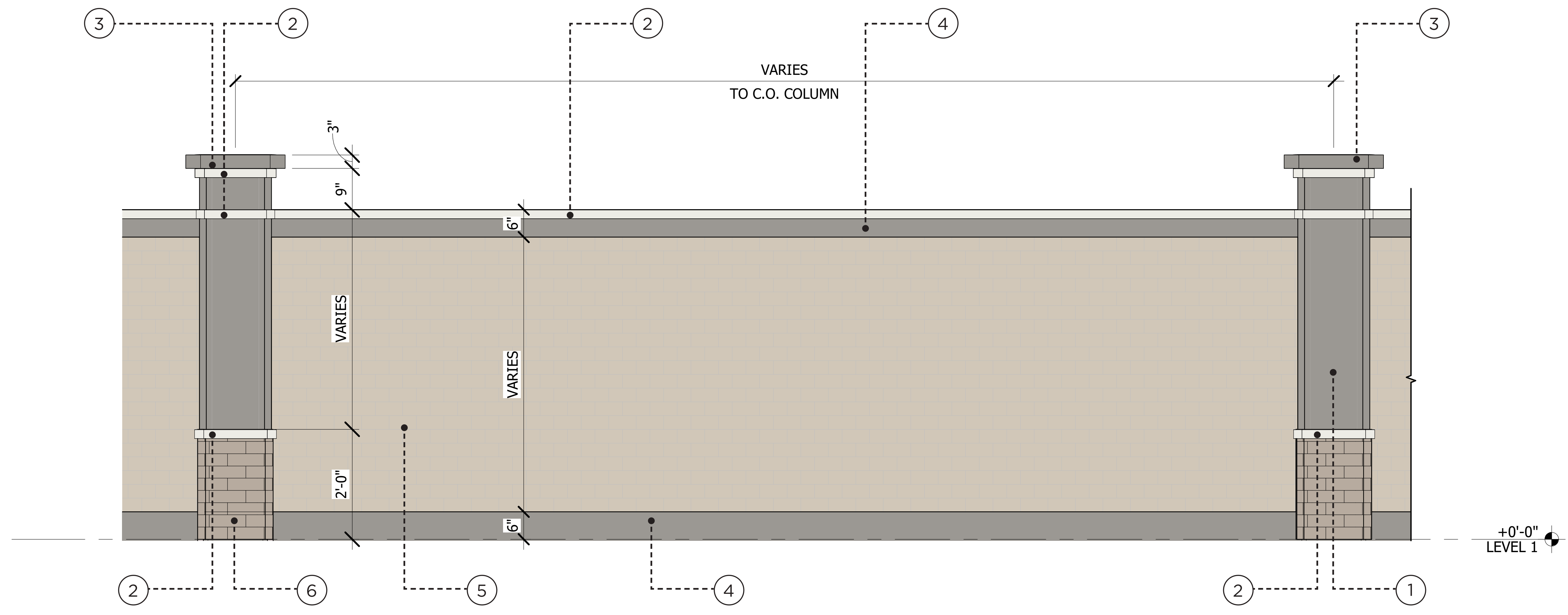
ENLARGED BUILDING ELEVATION - CORNER DESIGN AND MATERIALS

WINDERMERE DOWNTOWN PROPERTY - CORNER OF
 6TH AND MAIN, TOWN OF WINDERMERE, FL
 MIXED RETAIL & OFFICE


- ① SW - 7005
PURE WHITE
MAIN PAINT
COLOR
- ② SW - 7036
ACCESSIBLE
BEIGE
ACCENT COLOR
- ③ SW - 7672
KNITTING
NEEDLES
ACCENT COLOR
- ④ EL DORADO
RIVERBED
BRICK VENEER
- ⑤ EL DORADO
LATIGO
BRICK VENEER
- ⑥ EL DORADO
DOVETAIL
STONE VENEER
- ⑦ SUNBRELLA
BLACK
AWNING FABRIC
- ⑧ GAF TIMBERLINE
HDZ
CHARCOAL
ROOF SHINGLES

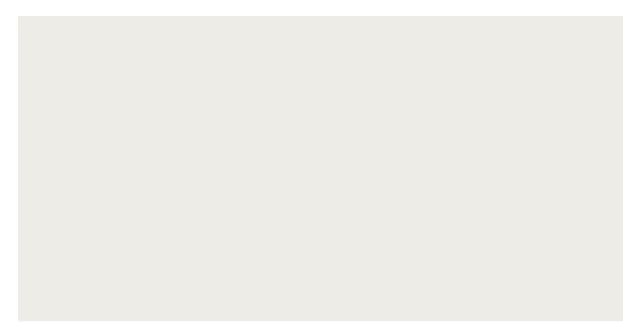



PROJECT MATERIALS




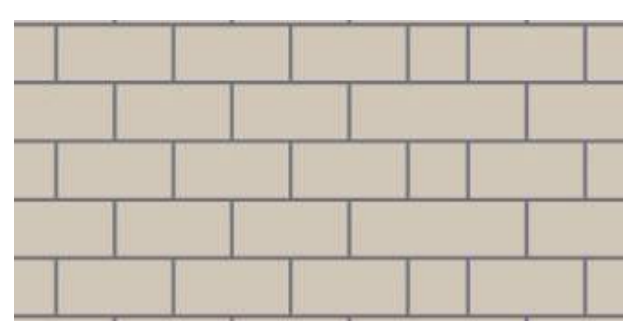
- ① **SW - 7673 PEWTER CAST**
 ACCENT COLOR



- ② **DECORATIVE COLUMN TRIM/BAND TO MATCH**
 SW -7005 PURE WHITE


- ③ **DECORATIVE COLUMN TRIM/BAND TO MATCH**
 SW -7673 PEWTER CAST


- ④ **COSMETIC BAND ON PERMACAST CONCRETE WALL PAINTED TO MATCH**
 SW -7673 PEWTER CAST


- ⑤ **BRICK TEXTURE ON CONCRETE PERMACAST SITE WALL**
 SW-7036 ACCESSIBLE BEIGE


- ⑥ **EL DORADO LATIGO**
 BRICK VENEER



PROJECT MATERIALS



Drainage Analysis for
SFWMD and Town of Windermere

Windermere Downtown Property

Town of Windermere, FL

Prepared by:

Kimley-Horn and Associates, Inc.
Orlando, Florida

K-H Project No. 149973004

February 2023

Kimley»»Horn

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Registry No. 35106

Drainage Analysis for SFWMD and Town of Windermere

Windermere Downtown Property Town of Windermere, FL

Prepared for:

Windermere Downtown Property, LLC

Prepared by:

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February 2023

Marcus I. Geiger, P.E.
FL P.E. # 89199

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1 SUMMARY

The Windermere Downtown Property project proposes the development of a 2.17-acre property for commercial purposes. The proposed project is located at the northeast corner of East 6th Avenue and Main Street in the Town of Windermere, Florida. In **Appendix A**, the limits of the project have been superimposed on a general location map, an aerial photograph, the USGS Quad map, and the FEMA Flood Insurance Rate Map (FIRM).

Stormwater runoff from the proposed development will be managed by an underground exfiltration system located within the parking lot and drive aisles of the site. The BMPs will provide treatment (quality) volume and attenuation (quantity) volume for the proposed development.

The proposed stormwater management system has been designed to meet or exceed all the requirements of South Florida Water Management District (SFWMD) and the Town of Windermere, FL.

2 EXISTING CONDITIONS

The existing property has minimal development with three (3) existing buildings along Main St. and two (2) single family homes along Oakdale. No wetlands exist on site. No existing stormwater treatment is provided on site.

Based on the topographic survey, the site slopes northwest. Elevations vary between ±124.63-ft along E. 6th Ave. and 121.30-ft (NAVD88) near the northwest property limits. Per the FEMA FIRM (Map Number 12095C0385F dated Sept. 25, 2009) located in Appendix A, the site is located in 'Zone X,' "Areas determined to be outside the 0.2% (500-year) annual chance floodplain".

2.1 SOILS

ECS Florida, LLC (ECS) performed a subsurface exploration and geotechnical engineering report for the proposed site. Please refer to the Geotechnical Engineering Report(s) prepared by ECS, dated May 27, 2022. Additionally, the SCS Soil Survey for the proposed site can be found in **Appendix A**.

2.2 GROUNDWATER

The groundwater levels were investigated and determined by Terracon and were included as part of their Geotechnical Engineering Report(s). Please refer to the Geotechnical Engineering Report(s) prepared by Terracon, dated May 27,2022.

Stormwater Management Area	Boring Label	Existing Conditions Natural Ground (ft.) (NAVD)	Measured Groundwater Approx. Elevation (ft.) (NAVD)	Estimated SHWT (ft.) (NAVD)	Control Elevation Used (ft.) (NAVD)
Basin A	A-02	123.56	114.06	115.56	115.50
	A-03	123.60	114.10	115.60	
	R-03	123.41	113.91	115.41	
Basin B	R-01	121.51	>111.51	113.51	114.50
	A-04	123.53	114.03	115.53	
	R-02	122.82	113.32	114.82	

2.3 EXISTING DRAINAGE

The existing undeveloped property contains no stormwater BMPs for onsite stormwater. The site is broken up into two (2) basins. Basin A (0.17-acres) is located at the southern edge of the site along E 6th Ave. and drains directly offsite into drainage inlets along E. 6th Avenue. Basin B (2.0-acres) is the majority of the site and drains northwest towards 5th Avenue. Runoff from Basin B is collected in drainage inlets along E. 5th Avenue. Site discharges from the property entering the inlets along E. 6th Ave. and E. 5th Ave. will enter the master drainage system originally permitted under SFWMD Permit No. 040701-24.

Please also refer to the USGS Quad Map in Appendix A and the Pre-Development Basin Map located in **Appendix B**.

2.3.1 BASINS

Existing site conditions consist of two (2) basin. Basin-A is a 0.17 acre basin at the south side of the site along E. 6th Avenue. Basin-B is a 2.0 acre basin that drains northwest to E. 5th Avenue. The table below provides the existing basin characteristics used to model existing conditions. Please refer to **Appendix A** for an exhibit showing location of basins under existing conditions.

	Basin A	Basin B
Drainage Basin Area (acres)	0.17	2.00
Time of Conc., TC (min.)	10	31
Composite Curve Number, CN	63.6	49.3
Node	South Outfall	North Outfall

Table 1: Existing Pre-Development Basin Summary Table

2.3.2 CN CALCULATIONS

CN values for the proposed property are based on the USGS values associated with the existing condition soils. See **Appendix B** for the associated drainage calculations and **Appendix D** for the modeling.

2.3.3 TIME OF CONCENTRATION

Time of concentration for Basin B has been calculated and included in

Appendix B. Due to the small size of Basin A, the time of concentration for this basin has been assumed to be the minimum 10-minute value based on TR-55 guidance.

2.3.4 TAILWATER CONDITION

The tailwater conditions for the boundary outfalls are based on the existing grades in the area the site ultimately outfalls. The associated tailwater grades are based on the topographic survey grades provided by Accuright Surveys of Orlando, Inc. dated March 17, 2021.

2.3.5 EXISTING DEVELOPMENT RUNOFF

The stormwater runoff from the pre-development basins was determined using Advanced Interconnected Channel & Pond Routing (ICPR v4.07.08) by Streamline Technologies, Inc. Please refer to **Appendix D** for the ICPR pre-development input data and drainage analysis results.

3 PROPOSED DEVELOPMENT

The Windermere Downtown Property project proposes the development of a 2.17-acre property for commercial purposes. Stormwater runoff from the proposed development will be managed by an underground exfiltration system located within the parking lot and drive aisles of the site. The BMPs will provide treatment (quality) volume and attenuation (quantity) volume for the proposed development. The proposed stormwater management system has been designed to meet or exceed all the requirements of South Florida Water Management District (SFWMD) and the Town of Windermere, FL.

3.1 STORMWATER MANAGEMENT

The proposed site is broken into two (2) basins, "Basin-A" and "Basin-B". All stormwater within Basin-A drains into the Basin-A exfiltration trench system. All stormwater within Basin-B drains into the Basin-B exfiltration trench system. Exfiltration trenches A and B are interconnected to provide a combined treatment and attenuation volume.

The tables below summarize the parameters of the proposed exfiltration trenches and the control structure utilized in the stormwater design.

3.1.1 BASINS

The post-development drainage conditions were analyzed with multiple drainage basins. Please refer to *Table 2* below for the post-development contributing basin summary, and the Post-Development Drainage Basin Map located in **Appendix C** for details.

	Basin-A	Basin-B
Drainage Basin Area (acres)	1.738	0.694
Total Impervious Area (acres)	1.029	0.265
% Impervious	59.2%	38.2%
Time of Conc., TC (min.)	10	10
Composite Curve Number, CN	73.9	61.5
Node	Basin-A	Basin-B

Table 2: Proposed POST-Development Basin Summary Table

3.1.2 CN CALCULATIONS

A summary of the basin areas and associated CN numbers can be found in *Table 2* above. The CN calculations for the post-development conditions can be seen in **Appendix C**.

3.1.3 TIME OF CONCENTRATION

The time of concentration ('Tc') for the improved post-development drainage basins were established at 10 minutes. Please refer to the Post-Development Drainage Basin Map in **Appendix C**.

3.1.4 TAILWATER CONDITIONS

The tailwater conditions for the post-development condition are the same as the pre-development condition. Please refer to Section 2.3.4.

3.1.5 WATER QUALITY (TREATMENT) VOLUME (PER SFWMD)

Multiple stormwater systems will be utilized for the Best Management Practice (BMP) to reduce the discharge of pollutants associated with stormwater runoff from the development. The following standards are the water quality volume requirements per SFWMD ERP Applicants Handbook, Volume II, Section 4.2.1:

The Greater of:

0.5" of runoff over the Basin

OR

1.25" times the percentage of Impervious Area

PLUS

Additional 50% water quality treatment volume (for Impaired water body)

See *Table 3* below for a summary of the required and provided retention water quality (treatment) volumes. Please see **Appendix D** for water quality volume calculations.

Table 3: Required Wet Pond Treatment Volumes

Drainage Area	Drainage Area (acres)	Imp. Area for Water Quality (acres)	Required Water Quality Volume				***Provided Water Quality Volume
			0.5" Over Site	1.25" Over Impervious Area	50% Add. Impaired	Total Required	
BASIN-A	1.738	0.709	0.07 ac-ft	0.10 ac-ft	0.05 ac-ft	0.15 ac-ft	0.56 ac-ft
BASIN-B	0.694	0.265	0.03 ac-ft	0.03 ac-ft	0.01 ac-ft	0.04 ac-ft	0.17 ac-ft

3.1.6 WATER QUALITY VOLUME RECOVERY

Per SFWMD criteria, the exfiltration trenches are required to recover the treatment volume within 72 hours (3 days) following a storm event.

Table 4 below provides the K_h and K_v values used to model the recovery within the exfiltration trenches. A safety factor of 2.0 has been applied to the K_h & K_v rates. Any fill used to bring the system to the design elevation will be required to have these permeability rates.

Table 4: Permeability Rates

Node Name	K (Horizontal)* ft/day	K (Vertical)* ft/day
Basin A	10.65	7.1
Basin B	10.65	7.1

*Value includes safety factor of 2

Recovery was determined utilizing ICPR (v4.07.08). As designed, the exfiltration trenches drawdown the required volume in less than 72 hours. Please see **Appendix E** for supporting recovery analysis and results.

3.1.7 PROPOSED DEVELOPMENT RUNOFF

The stormwater runoff from the post-development basins was determined using ICPR (v4.07.08) by Streamline Technologies, Inc. Please refer to **Appendix C** for the post-development drainage analysis results, input data, and nodal diagram. Please refer to *Table 5* below for a summary of the pre- vs. post- development peak discharge rates (Q).

Table 5: Peak Discharge Summary

	Pre-Development North Outfall Q _{max} (CFS)	Post-Development North Outfall Q _{max} (CFS)
25yr-72hr Storm Event	2.89	2.64

Table 6: Pond Maximum Stage Summary

Storm Event	Basin A Max Stage (ft.) (NAVD)	Basin B Max Stage (ft.) (NAVD)
10yr-24hr	121.51	121.51
25yr-72hr	122.79	122.76
100yr-72hr	123.33	123.01
Top of Trench/Pavers	123.25	120.00

3.1 CONCLUSION

This Drainage Analysis demonstrates the proposed improvements and design of the proposed stormwater management system meet or exceeds all the requirements of the South Florida Water Management District (SFWMD) and the Town of Windermere.

APPENDICES

VICINITY MAPS APPENDIX A

- General Location Map**
- Aerial Photograph**
- USGS Quad Map**
- FEMA F.I.R.M.**
- SCS SOIL SURVEY**

**PRE - DEVELOPMENT
DRAINAGE BASIN MAP & CALCULATIONS..... APPENDIX B**

**POST - DEVELOPMENT
DRAINAGE BASIN MAP & CALCULATIONS..... APPENDIX C**

DRAINAGE ANALYSIS per ICPR..... APPENDIX D

- PRE-DEVELOPMENT**
- POST-DEVELOPMENT**

DRAWDOWN (RECOVERY) ANALYSIS per PONDS APPENDIX E

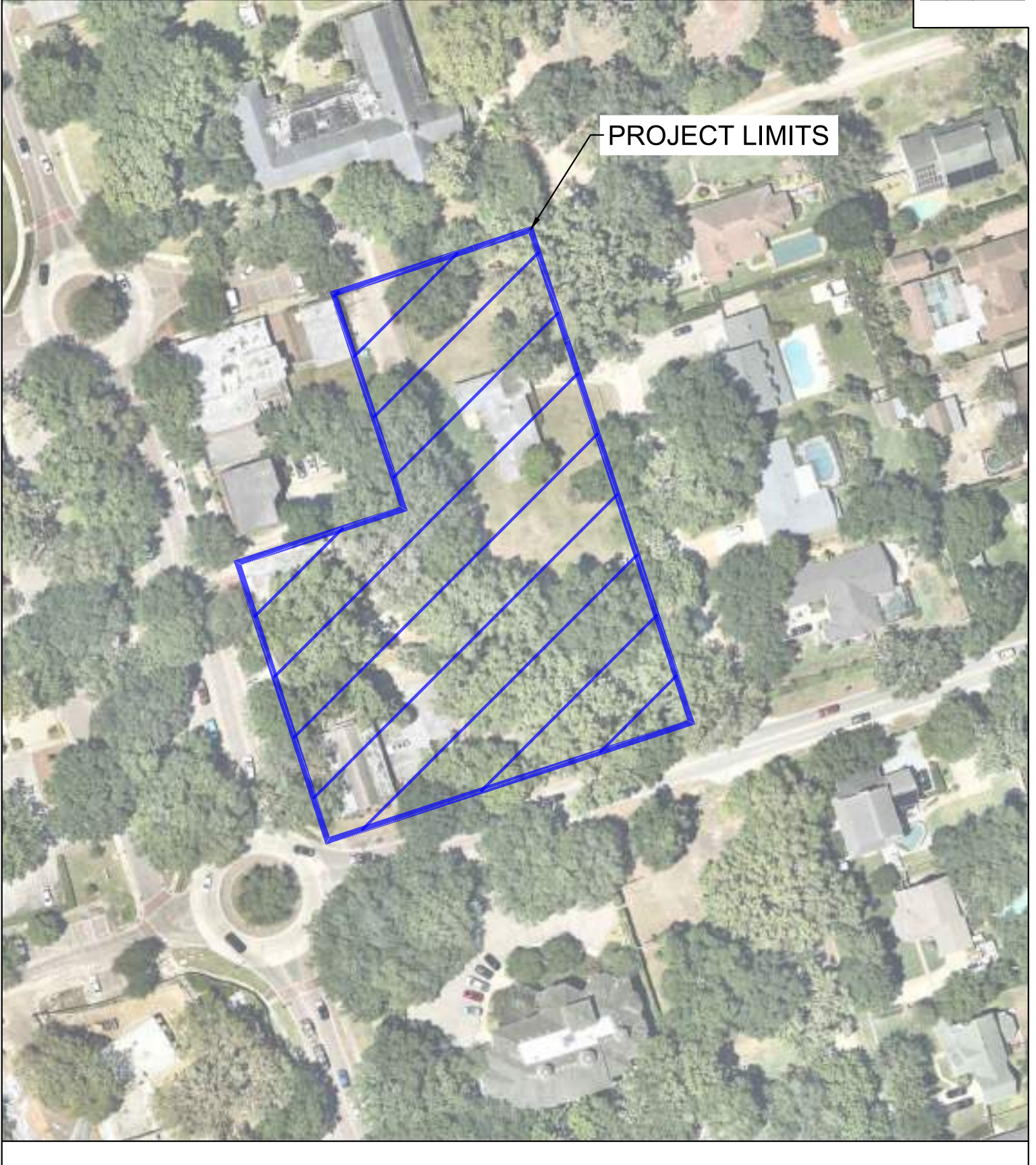
APPENDIX A

PROJECT MAPS

- **General Location Map**
- **Aerial Photograph**
- **USGS Quad Map**
- **FEMA F.I.R.M.**
- **SCS SOIL MAP**



GRAPHIC SCALE IN FEET
0 50 100 200



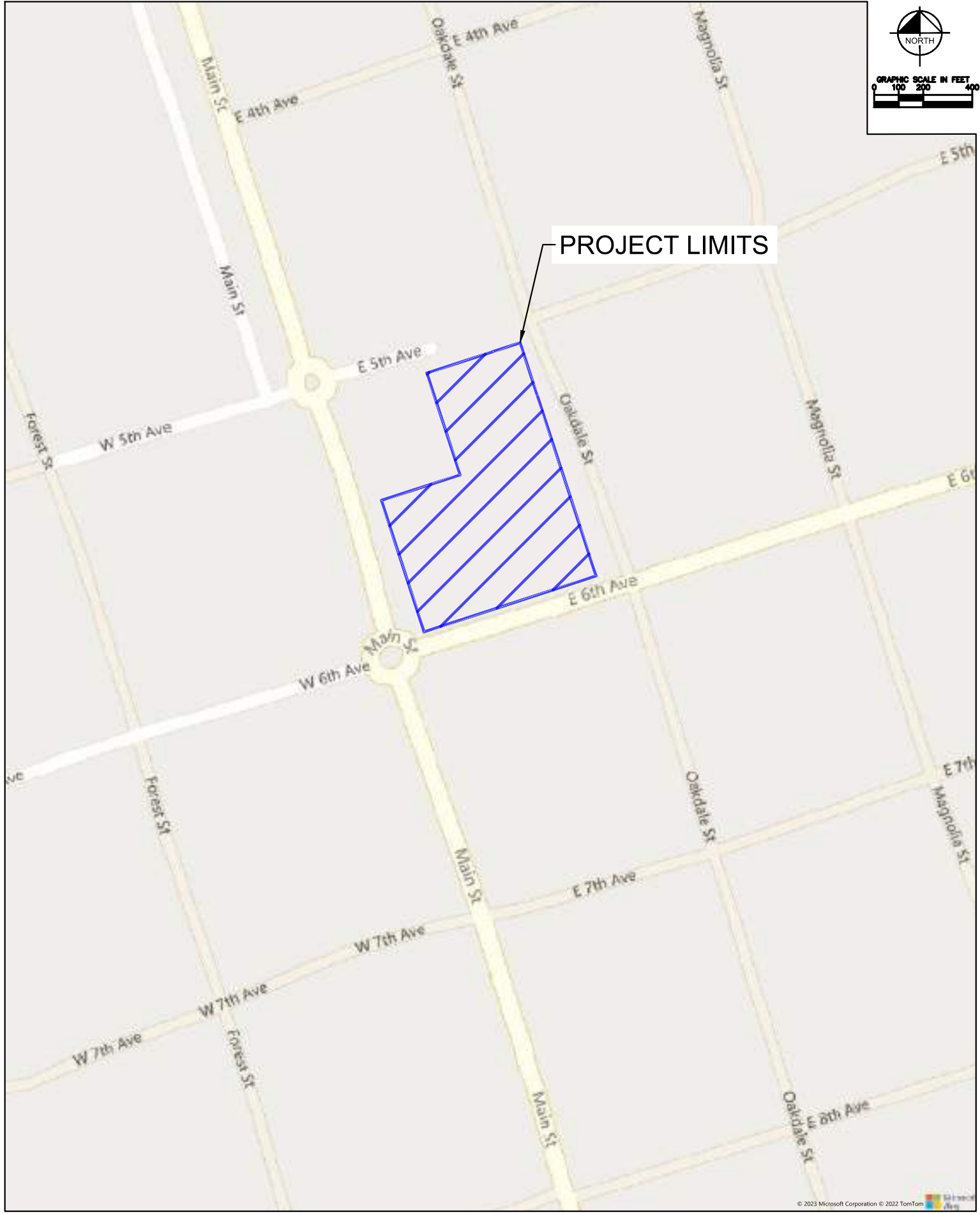
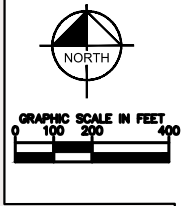
PROJECT LIMITS

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EX-1

**WINDERMERE DOWNTOWN
PROPERTY**
WINDERMERE, FLORIDA

AERIAL MAP



PROJECT LIMITS

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© 2023 Microsoft Corporation © 2022 TomTom

EX-2

WINDERMERE DOWNTOWN
PROPERTY
WINDERMERE, FLORIDA

LOCATION MAP





GRAPHIC SCALE IN FEET
0 50 100 200

PROJECT LIMITS



Map Unit Symbol	Map Unit Name
48	Towhee fine sand-Urban land complex, 0 to 5 percent slopes

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EX-3

WINDERMERE DOWNTOWN
PROPERTY
WINDERMERE, FLORIDA

SCS SOIL SURVEY

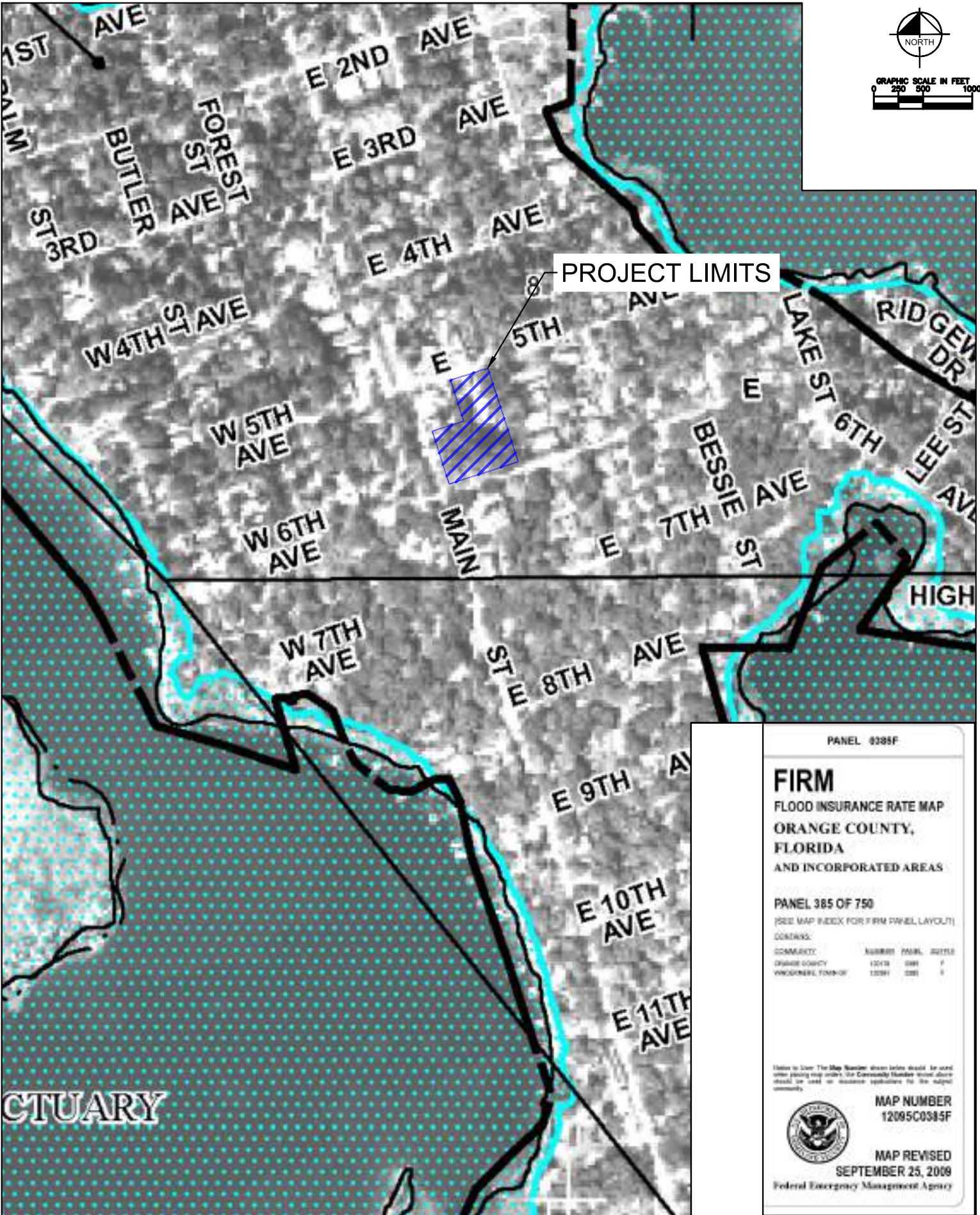
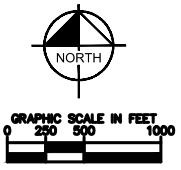


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EX-4

**WINDERMERE DOWNTOWN
PROPERTY**
WINDERMERE, FLORIDA

USGS QUAD MAP



PANEL 0385F

FIRM
 FLOOD INSURANCE RATE MAP
 ORANGE COUNTY,
 FLORIDA
 AND INCORPORATED AREAS

PANEL 385 OF 750
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	SUBMIT	PANEL	DATE
ORANGE COUNTY	12078	0385	F
WINDERMERE TOWN-OF	12081	0385	F

Users to Use: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
12085C0385F

MAP REVISED
SEPTEMBER 25, 2009
Federal Emergency Management Agency

EX-5

WINDERMERE DOWNTOWN
 PROPERTY
 WINDERMERE, FLORIDA

FEMA F.I.R.M. MAP

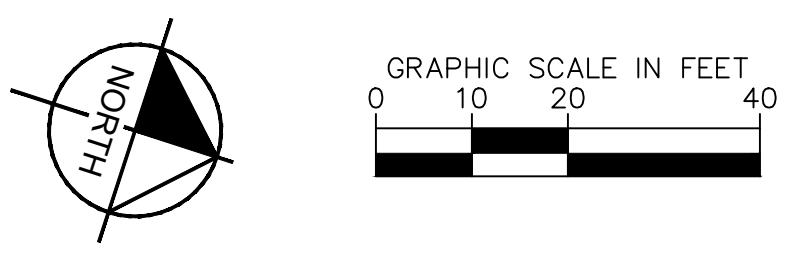
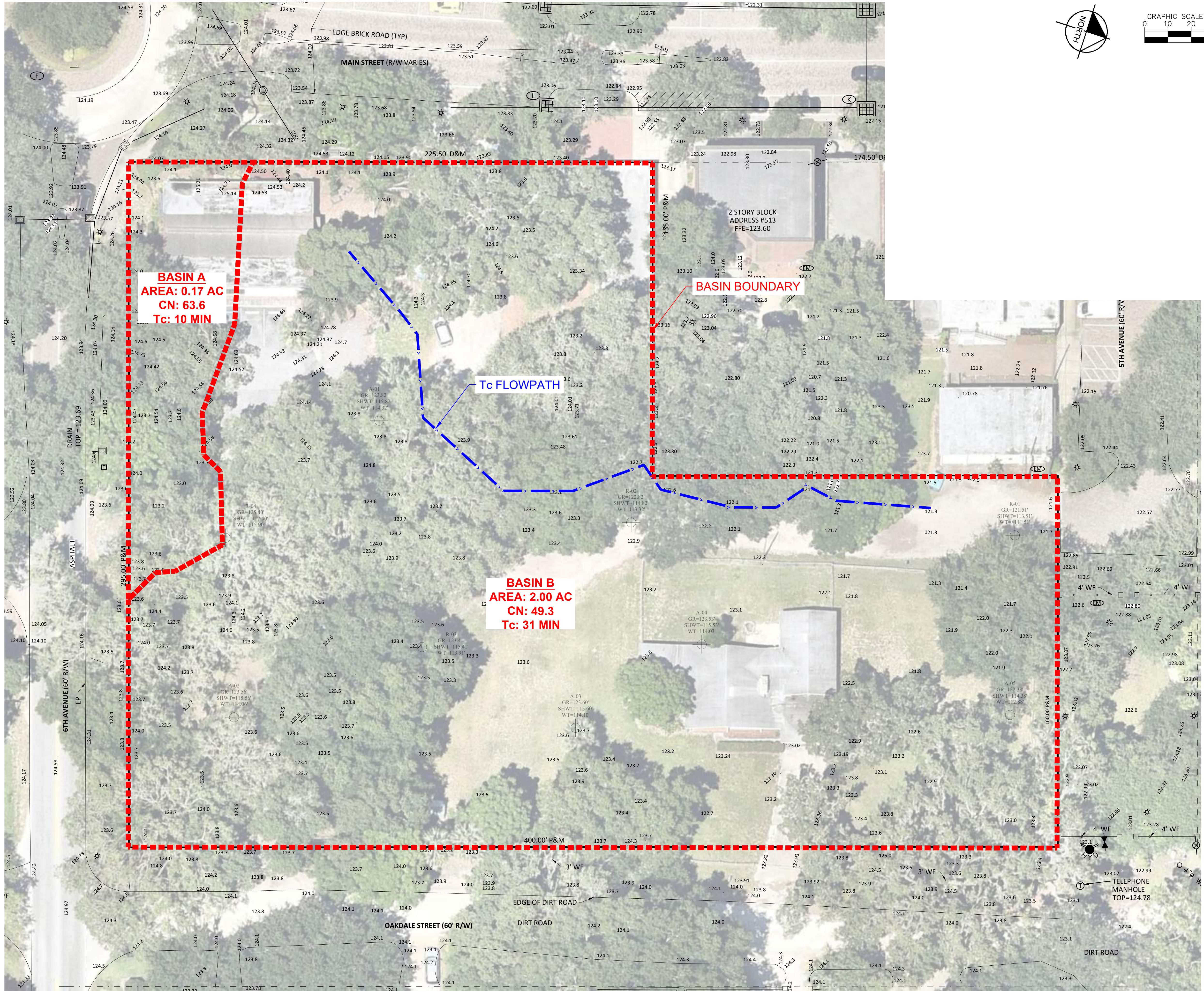
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APPENDIX B

PRE - DEVELOPMENT

- **DRAINAGE BASIN MAP**
- **T_c CALCULATION**
- **CN CALCULATION**

Plotted By: Geiser, Marcus. Sheet Set: Windermere Downtown Property. Layout: TRACTOR TRAILER. February 08, 2023. 05:15:02pm. K:\VORL\14973004-Windermere Downtown Property\CADD\EXHIBITS\2023-02-08 - PRE-BASIN EXHIBIT.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



<h2 style="margin: 0;">WINDERMERE DOWNTOWN PROPERTY</h2> <p style="font-size: small; margin: 0;">TOWN OF WINDERMERE</p>	<h2 style="margin: 0;">PRE-DEVELOPMENT DRAINAGE MAP</h2>	<p style="font-size: x-small; margin: 0;">KHA PROJECT 149973004</p> <p style="font-size: x-small; margin: 0;">DATE 02/18/2022</p> <p style="font-size: x-small; margin: 0;">SCALE AS SHOWN</p> <p style="font-size: x-small; margin: 0;">DESIGNED BY M/G</p> <p style="font-size: x-small; margin: 0;">DRAWN BY CML</p> <p style="font-size: x-small; margin: 0;">CHECKED BY M/G DATE: _____</p>						
<p style="font-size: x-small; margin: 0;">LICENSED PROFESSIONAL</p>		<p style="font-size: x-small; margin: 0;">FL LICENSE NUMBER</p>						
<p style="font-size: x-small; margin: 0;">© 2022 KIMLEY-HORN AND ASSOCIATES, INC. 189 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801 PHONE: 407-898-1511 WWW.KIMLEY-HORN.COM REGISTRY No. 35106</p>								
<p style="font-size: x-small; margin: 0;">SHEET NUMBER PRE-01</p>		<p style="font-size: x-small; margin: 0;">REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%; font-size: x-small;">No.</th> <th style="width: 85%; font-size: x-small;">Description</th> <th style="width: 10%; font-size: x-small;">Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	Description	Date			
No.	Description	Date						

Worksheet 3 : Time of Concentration (T_c) or travel time (T_t)

Project WINDERMERE DOWNTOWN PROPERTY By MIG Date 2/24/2022
 Location WINDERMERE, FL Checked JAM Date 2/24/2022
 Pre X Post _____
 T_c X T_t _____

Basin	PRE-A	PRE-B			
--------------	--------------	--------------	--	--	--

Sheet flow (Applicable to T_c only)

	Segment ID	Overland			
		Short Grass			
1. Surface Description (Table 3-1)					
2. Manning's Roughness coeff., n (Table 3-1)		0.20			
3. Flow Length, L (total L ≤ 300 ft)	ft	300			
4. 2-Yr 24-Hr rainfall, P ₂	in	4.5			
5. Land slope, s	ft/ft	0.012			
6. $T_t = 0.007(nL)^{0.8} / P_2^{0.5} s^{0.4}$	hr	0.515			

Shallow Concentrated Flow

	Segment ID	Overland			
		Unpaved			
7. Surface Description (Paved or Unpaved)					
8. Flow Length, L	ft	25.8			
9. Watercourse slope, s	ft/ft	0.002			
10. Average Velocity, V (figure 3-1)	ft/s	1.75			
11. $T_t = L / 3600V$	hr	0.004			

Channel Flow

	Segment ID				
12. Cross sectional flow area, a	ft ²				
13. Wetted perimeter, p _w	ft				
14. Hydraulic Radius, r = a / p _w	ft				
15. Channel Slope, s	ft/ft				
16. Manning's Roughness coeff., n					
17. $V = 1.49 r^{2/3} s^{1/2} / n$	ft/s				
18. Flow Length, L	ft				
19. T _t =	hr				
20. Watershed or subarea T _c or T _t (Adding T _t in Steps 6,11,and 19)	hr	0.52	0.00	0.00	0.00
or	min	10	31	0	0

(210-VI-TR-55, Second Ed., June 1986)

CURVE NUMBER WORKSHEET
PRE-DEVELOPMENT FOR BASIN-A

Basin Area = 0.17 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
0.10	A	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
	A	Cover > 75%	39	3.8
	B	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
	C	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
	D	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
	A	Woods(Forest, Orchard) Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
	B	Woods(Forest, Orchard) Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
	C	Woods(Forest, Orchard) Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
	D	Woods(Forest, Orchard) Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.070	A,B,C,D	Impervious (Pavement, Concrete, Surface Waters)	98	6.9
			WEIGHTED CURVE NUMBER =	63.6

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET
PRE-DEVELOPMENT FOR BASIN-B

Basin Area = 2.00 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
1.65	A	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
	A	Cover > 75%	39	64.3
	B	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
	C	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
	D	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
	A	Woods(Forest, Orchard) Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
	B	Woods(Forest, Orchard) Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
	C	Woods(Forest, Orchard) Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
	D	Woods(Forest, Orchard) Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.348	A,B,C,D	Impervious (Pavement, Concrete, Surface Waters)	98	34.1
			WEIGHTED CURVE NUMBER =	49.3

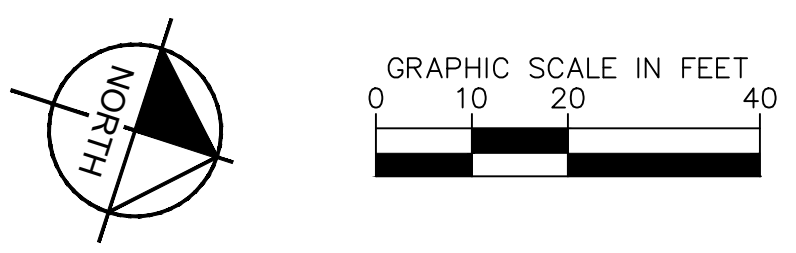
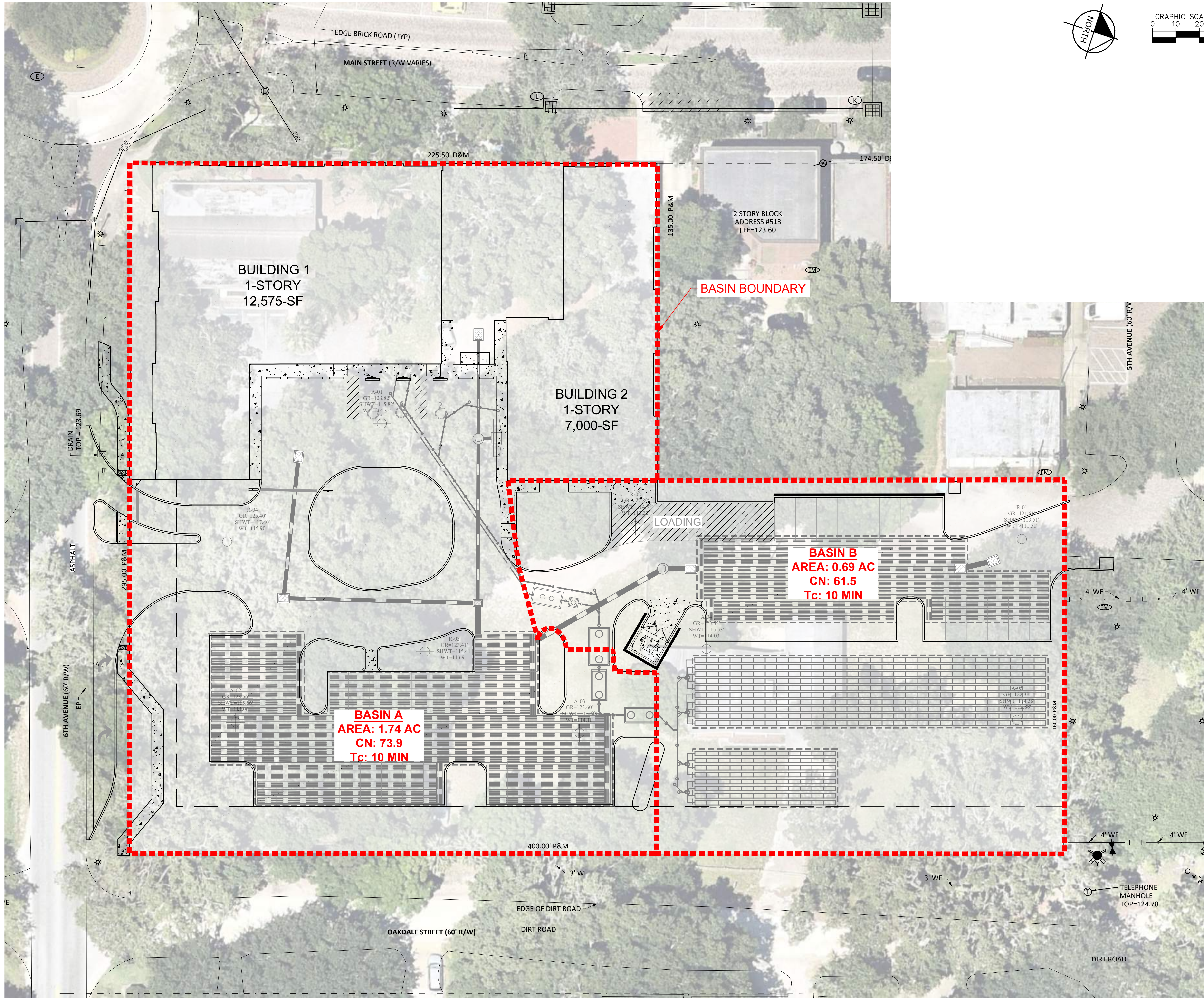
WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

APPENDIX C

POST - DEVELOPMENT

- **DRAINAGE BASIN MAP**
- **CN CALCULATION**
- **TREATMENT VOLUME CALC
& STAGE/STORAGE**

Plotted By: Geiler, Marcus. Sheet Set: Windermere Downtown Property. Layout: TRACTOR TRAILER. February 08, 2023. 08:50:17am. K:\ORL_Civil\14973004-Windermere Downtown Property\CADD\EXHIBITS\2023-02-08 - POST-BASIN EXHIBIT.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



WINDERMERE DOWNTOWN PROPERTY TOWN OF WINDERMERE	POST-DEVELOPMENT DRAINAGE MAP	KHA PROJECT 149973004 DATE 02/18/2023 SCALE AS SHOWN DESIGNED BY M/G DRAWN BY CML CHECKED BY M/G DATE:	LICENSED PROFESSIONAL FL LICENSE NUMBER	Kimley»Horn © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 189 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801 PHONE: 407-898-1511 WWW.KIMLEY-HORN.COM REGISTRY No. 35106	REVISIONS No. DATE BY

CURVE NUMBER WORKSHEET
POST-DEVELOPMENT BASIN A

Basin Area = 1.74 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
0.579	A	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
	A	Cover > 75%	39	22.6
	B	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
	C	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
	D	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
	A	Woods(Forest, Orchard) Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
	B	Woods(Forest, Orchard) Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
	C	Woods(Forest, Orchard) Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
	D	Woods(Forest, Orchard) Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.130	A,B,C,D	PAVEDRAIN	39	5.1
0.579	A,B,C,D	Impervious (Pavement, Concrete)	98	56.8
0.450	A,B,C,D	Impervious (Building/Roof Area)	98	44.1

WEIGHTED CURVE NUMBER = 73.9

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

SFWMD - WATER QUALITY CRITERIA

DRY RETENTION A

Basin Area = 1.74 acres

Pervious Area = 0.58 acres

Water surface area = 0.00 acres

Roof Area = 0.45 acres

Impervious Area (Excluding water surface/roof area) = 0.709 acres

1. Compute the first 1-inch of runoff from the developed project:

$$\begin{aligned} &= 1 \text{ inch} \times 1.74 \text{ ac.} \times (1\text{ft}/12\text{in}) \times 50\% \\ &= \mathbf{0.07 \text{ ac-ft.}} \text{ for the first inch of runoff} \end{aligned}$$

2. Compute 2.5-inches times the percentage of imperviousness:

a. Site area for water quality pervious/impervious calculations only:

$$\begin{aligned} &= \text{Total project} - (\text{water surface} + \text{roof}) \\ &= 1.74 \text{ ac.} - (0.00 \text{ ac.} + 0.45 \text{ ac.}) \\ &= 1.74 \text{ ac.} - 0.45 \text{ ac.} \\ &= \mathbf{1.29 \text{ acres}} \text{ of site area for water quality pervious/impervious} \end{aligned}$$

b. Impervious area for water quality pervious/impervious calculations only:

$$\begin{aligned} &= (\text{Site area for water quality pervious/impervious}) - \text{pervious area} \\ &= 1.29 \text{ ac.} - 0.58 \text{ ac.} \\ &= \mathbf{0.71 \text{ acres}} \text{ of impervious area for water quality pervious/impervious} \end{aligned}$$

c. Percentage of impervious for water quality:

$$\begin{aligned} &= (\text{Impervious area for water quality}/\text{Site area for water quality}) \times 100\% \\ &= (0.71 \text{ ac.} / 1.29 \text{ ac.}) \times 100\% \\ &= \mathbf{55.0\% \text{ impervious}} \end{aligned}$$

d. For 2.5 inches times the percentage impervious:

$$\begin{aligned} &= 2.5 \text{ in.} \times 0.55 \\ &= \mathbf{1.38 \text{ inches}} \text{ to be treated} \end{aligned}$$

e. Compute volume required for water quality Dry Retention:

$$\begin{aligned} &= \text{inches to be treated} \times (\text{total site} - \text{lakes}) \times 50\% \\ &= 1.38 \text{ " } \times (1.74 \text{ ac.} - 0.00 \text{ ac.}) \times (1\text{ft}/12\text{in}) \times 50\% \\ &= \mathbf{0.10 \text{ acre-ft.}} \text{ required dry retention storage} \end{aligned}$$

3. Provide additional 50% water quality treatment volume (per FDEP impaired water-body):

$$\begin{aligned} &= 0.10 \text{ acre-ft.} \times 1.5 \\ &= \mathbf{0.15 \text{ acre-ft.}} \end{aligned}$$

REQUIRED DRY RETENTION VOLUME = 0.149 ACRE-FT. = 6,511 CF

PROVIDED DRY RETENTION VOLUME = 0.563 ACRE-FT. = 24,542 CF



STAGE VERSUS STORAGE RELATIONSHIP

Windermere Downtown Property
Town of Windermere, FL

Overall System Footprint = 9,643 sf
 Pipe Diameter = 29 in
 Pipe Invert = 118.00 ft
 Total Pipe Length = 2,659 ft
 Stone Porosity = 40 %
 Stone Above Pipe = 0 in
 Stone Below Invert = 0 in

	Elevation (ft)	System Depth (ft)	PIPE				STONE	SYSTEM		
			Section Depth (ft)	Section Area (sf)	Incr. Area (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Cummulative Volume (cf)	Cummulative Volume (ac-ft)
STONE	120.42	2.42	2.42	4.59	0.00	0.0	0.0	0.0	16,639.1	
	120.42	2.42	2.42	4.59	0.00	0.0	0.0	0.0	16,639.1	
PIPE	120.42	2.42	2.42	4.59	0.05	131.2	268.9	400.1	16,639.1	0.38198
	120.33	2.33	2.33	4.54	0.09	235.9	227.1	463.0	16,239.0	0.37280
	120.25	2.25	2.25	4.45	0.11	300.0	201.4	501.4	15,776.0	0.36217
	120.17	2.17	2.17	4.34	0.13	348.5	182.0	530.5	15,274.6	0.35066
	120.08	2.08	2.08	4.20	0.15	387.5	166.4	553.9	14,744.0	0.33848
	120.00	2.00	2.00	4.06	0.16	419.6	153.6	573.2	14,190.1	0.32576
	119.92	1.92	1.92	3.90	0.17	446.4	142.9	589.3	13,616.9	0.31260
	119.83	1.83	1.83	3.73	0.18	468.8	133.9	602.7	13,027.6	0.29907
	119.75	1.75	1.75	3.56	0.18	487.3	126.5	613.8	12,424.9	0.28524
	119.67	1.67	1.67	3.37	0.19	502.5	120.4	622.9	11,811.1	0.27115
	119.58	1.58	1.58	3.18	0.19	514.6	115.6	630.2	11,188.2	0.25685
	119.50	1.50	1.50	2.99	0.20	523.8	111.9	635.7	10,558.0	0.24238
	119.42	1.42	1.42	2.79	0.20	530.2	109.3	639.6	9,922.3	0.22779
	119.33	1.33	1.33	2.60	0.20	534.1	107.8	641.9	9,282.8	0.21310
	119.25	1.25	1.25	2.39	0.20	535.3	107.3	642.6	8,640.9	0.19837
	119.17	1.17	1.17	2.19	0.20	534.1	107.8	641.9	7,998.2	0.18361
	119.08	1.08	1.08	1.99	0.20	530.2	109.3	639.6	7,356.4	0.16888
	119.00	1.00	1.00	1.79	0.20	523.8	111.9	635.7	6,716.8	0.15420
	118.92	0.92	0.92	1.60	0.19	514.6	115.6	630.2	6,081.1	0.13960
	118.83	0.83	0.83	1.40	0.19	502.5	120.4	622.9	5,450.9	0.12514
	118.75	0.75	0.75	1.21	0.18	487.3	126.5	613.8	4,828.0	0.11084
	118.67	0.67	0.67	1.03	0.18	468.8	133.9	602.7	4,214.2	0.09674
	118.58	0.58	0.58	0.85	0.17	446.4	142.9	589.3	3,611.5	0.08291
118.50	0.50	0.50	0.69	0.16	419.6	153.6	573.2	3,022.2	0.06938	
118.42	0.42	0.42	0.53	0.15	387.5	166.4	553.9	2,449.0	0.05622	
118.33	0.33	0.33	0.38	0.13	348.5	182.0	530.5	1,895.1	0.04351	
118.25	0.25	0.25	0.25	0.11	300.0	201.4	501.4	1,364.6	0.03133	
118.17	0.17	0.17	0.14	0.09	235.9	227.1	463.0	863.1	0.01982	
118.08	0.08	0.08	0.05	0.05	131.2	269.0	400.2	400.2	0.00919	
118.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.00000	
STONE	118.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	
	118.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	

	Elevation (FT)	Feet	Area (SF)	Area (AC)	Avg. Area (SF)	Volume (CF)	Volume Sum (CF)	Volume Sum (Ac-Ft)
1-IN ABOVE STRUCTURE	123.42	3.00	9,643	0.221		804	27,514	0.6316
					9,643			
TOP OF STRUCTURE (1-IN)	123.33	2.91	9,643	0.221		804	26,710	0.6132
					9,643			
TOP OF PAVERS	123.25	2.83	9,643	0.221		1,004	25,907	0.5947
					9,643			
TOP OF #57 STONE/BOTTOM OF PAVERS	122.75	2.33	9,643	0.221		1,205	24,903	0.5717
					9,643			
TOP OF #4 STONE	122.25	1.83	9,643	0.221		7,059	23,698	0.5440
					9,643			
BOTTOM OF STONE	120.42	0	9,643	0.221		0	16,639	0.3820

NOTE:

VOID RATIO OF 0.25 USED FOR THE TOP 6-INCH LAYER OF #57 STONE AND 0.40 FOR THE 22-INCH LAYER OF #4 STONE.

CURVE NUMBER WORKSHEET
POST-DEVELOPMENT BASIN B

Basin Area = 0.694 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
0.429	A	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
	A	Cover > 75%	39	16.7
	B	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
	C	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
	D	Grass (Lawns, Parks, Golf Courses, etc.) Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
	A	Woods(Forest, Orchard) Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
	B	Woods(Forest, Orchard) Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
	C	Woods(Forest, Orchard) Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
	D	Woods(Forest, Orchard) Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.265	A,B,C,D	Impervious (Pavement, Concrete, Surface Waters)	98	26.0
			WEIGHTED CURVE NUMBER =	61.5

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

SFWMD - WATER QUALITY CRITERIA

DRY RETENTION B

Basin Area = 0.694 acres

Pervious Area = 0.429 acres

Water surface area = 0.00 acres

Roof Area = 0.00 acres

Impervious Area (Excluding water surface/roof area) = 0.265 acres

1. Compute the first 1-inch of runoff from the developed project:

$$\begin{aligned} &= 1 \text{ inch} \times 0.69 \text{ ac.} \times (1\text{ft}/12\text{in}) \times 50\% \\ &= \mathbf{0.03 \text{ ac-ft.}} \text{ for the first inch of runoff} \end{aligned}$$

2. Compute 2.5-inches times the percentage of imperviousness:

a. Site area for water quality pervious/impervious calculations only:

$$\begin{aligned} &= \text{Total project} - (\text{water surface} + \text{roof}) \\ &= 0.69 \text{ ac.} - (0.00 \text{ ac.} + 0.00 \text{ ac.}) \\ &= 0.69 \text{ ac.} - 0.00 \text{ ac.} \\ &= \mathbf{0.69 \text{ acres}} \text{ of site area for water quality pervious/impervious} \end{aligned}$$

b. Impervious area for water quality pervious/impervious calculations only:

$$\begin{aligned} &= (\text{Site area for water quality pervious/impervious}) - \text{pervious area} \\ &= 0.69 \text{ ac.} - 0.43 \text{ ac.} \\ &= \mathbf{0.27 \text{ acres}} \text{ of impervious area for water quality pervious/impervious} \end{aligned}$$

c. Percentage of impervious for water quality:

$$\begin{aligned} &= (\text{Impervious area for water quality}/\text{Site area for water quality}) \times 100\% \\ &= (0.27 \text{ ac.} / 0.69 \text{ ac.}) \times 100\% \\ &= \mathbf{38.2\% \text{ impervious}} \end{aligned}$$

d. For 2.5 inches times the percentage impervious:

$$\begin{aligned} &= 2.5 \text{ in.} \times 0.38 \\ &= \mathbf{0.95 \text{ inches}} \text{ to be treated} \end{aligned}$$

e. Compute volume required for water quality Dry Retention:

$$\begin{aligned} &= \text{inches to be treated} \times (\text{total site} - \text{lakes}) \times 50\% \\ &= 0.95 \text{ " } \times (0.69 \text{ ac.} - 0.00 \text{ ac.}) \times (1\text{ft}/12\text{in}) \times 50\% \\ &= \mathbf{0.03 \text{ acre-ft.}} \text{ required dry retention storage} \end{aligned}$$

3. Provide additional 50% water quality treatment volume (per FDEP impaired water-body):

$$\begin{aligned} &= 0.03 \text{ acre-ft.} \times 1.5 \\ &= \mathbf{0.04 \text{ acre-ft.}} \end{aligned}$$

REQUIRED DRY RETENTION VOLUME = 0.043 ACRE-FT. = 1,890 CF

PROVIDED DRY RETENTION VOLUME = 0.169 ACRE-FT. = 7,377 CF



STAGE VERSUS STORAGE RELATIONSHIP

Windermere Downtown Property
Town of Windermere, FL

Overall System Footprint = 5,264 sf
 Pipe Diameter = 24 in
 Pipe Invert = 118.00 ft
 Total Pipe Length = 1,680 ft
 Stone Porosity = 40 %
 Stone Above Pipe = 0 in
 Stone Below Invert = 0 in

	Elevation (ft)	System Depth (ft)	PIPE				STONE	SYSTEM		
			Section Depth (ft)	Section Area (sf)	Incr. Area (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Cummulative Volume (cf)	Cummulative Volume (ac-ft)
STONE	120.00	2.00	2.00	3.14	0.00	0.0	0.0	0.0	7,377.3	
	120.00	2.00	2.00	3.14	0.00	0.0	0.0	0.0	7,377.3	
PIPE	120.00	2.00	2.00	3.14	0.04	75.2	145.4	220.6	7,377.3	0.1694
	119.92	1.92	1.92	3.10	0.08	134.8	121.5	256.3	7,156.7	0.1643
	119.83	1.83	1.83	3.02	0.10	170.7	107.2	277.9	6,900.3	0.1584
	119.75	1.75	1.75	2.91	0.12	197.4	96.5	293.9	6,622.5	0.1520
	119.67	1.67	1.67	2.80	0.13	218.4	88.1	306.5	6,328.6	0.1453
	119.58	1.58	1.58	2.67	0.14	235.2	81.4	316.6	6,022.1	0.1382
	119.50	1.50	1.50	2.53	0.15	248.7	76.0	324.7	5,705.5	0.1310
	119.42	1.42	1.42	2.38	0.15	259.4	71.7	331.1	5,380.8	0.1235
	119.33	1.33	1.33	2.22	0.16	267.7	68.4	336.1	5,049.7	0.1159
	119.25	1.25	1.25	2.07	0.16	273.7	66.0	339.7	4,713.6	0.1082
	119.17	1.17	1.17	1.90	0.17	277.7	64.4	342.1	4,373.9	0.1004
	119.08	1.08	1.08	1.74	0.17	279.6	63.6	343.2	4,031.9	0.0926
	119.00	1.00	1.00	1.57	0.17	279.6	63.6	343.2	3,688.6	0.0847
	118.92	0.92	0.92	1.40	0.17	277.7	64.4	342.1	3,345.4	0.0768
	118.83	0.83	0.83	1.24	0.16	273.7	66.0	339.7	3,003.3	0.0689
	118.75	0.75	0.75	1.08	0.16	267.7	68.4	336.1	2,663.6	0.0611
	118.67	0.67	0.67	0.92	0.15	259.4	71.7	331.1	2,327.6	0.0534
	118.58	0.58	0.58	0.76	0.15	248.7	76.0	324.7	1,996.5	0.0458
	118.50	0.50	0.50	0.61	0.14	235.2	81.4	316.6	1,671.8	0.0384
	118.42	0.42	0.42	0.47	0.13	218.4	88.1	306.5	1,355.2	0.0311
118.33	0.33	0.33	0.34	0.12	197.4	96.5	293.9	1,048.7	0.0241	
118.25	0.25	0.25	0.23	0.10	170.7	107.2	277.9	754.8	0.0173	
118.17	0.17	0.17	0.13	0.08	134.8	121.5	256.3	477.0	0.0109	
118.08	0.08	0.08	0.04	0.04	75.2	145.4	220.6	220.6	0.0051	
118.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0000	
STONE	118.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	
	118.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	

APPENDIX D
DRAINAGE ANALYSIS
Per ICPR

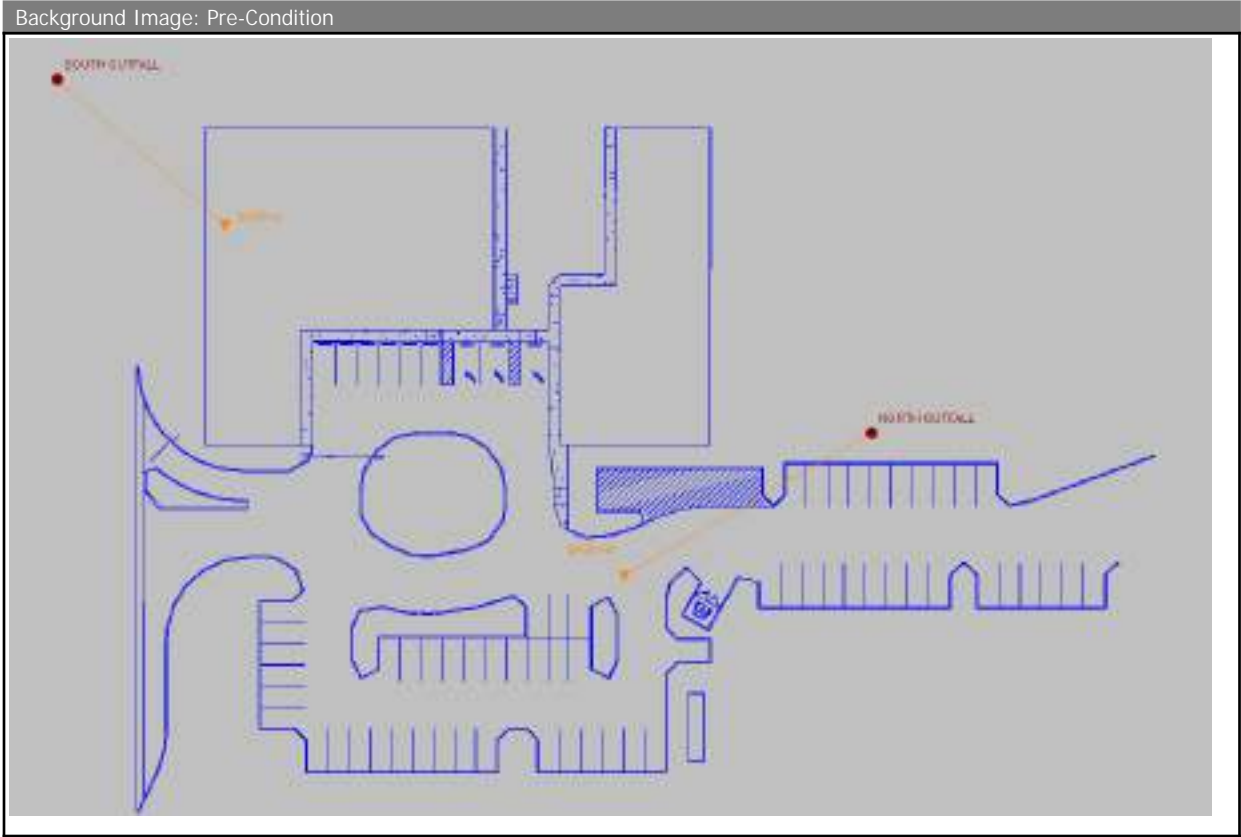
PRE-DEVELOPMENT DRAINAGE ANALYSIS

Simple Basin Runoff Summary [PRE-CONDITIONS]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN-A	100YR-72HR	0.83	60.0167	13.60	8.52	0.1700	63.6	0.00	0.00
BASIN-B	100YR-72HR	4.52	60.2167	13.60	6.10	2.0000	49.3	0.00	0.00
BASIN-A	10YR-24HR	0.43	12.0500	7.90	3.65	0.1700	63.6	0.00	0.00
BASIN-B	10YR-24HR	1.50	12.4167	7.90	2.12	2.0000	49.3	0.00	0.00
BASIN-A	25YR-72HR	0.59	60.0167	10.50	5.80	0.1700	63.6	0.00	0.00
BASIN-B	25YR-72HR	2.89	60.2333	10.50	3.81	2.0000	49.3	0.00	0.00

Node Max Conditions [PRE-CONDITIONS]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
NORTH OUTFALL	100YR-72HR	121.50	121.50	0.0000	4.52	0.00	0
SOUTH OUTFALL	100YR-72HR	123.34	123.34	0.0000	0.83	0.00	0
NORTH OUTFALL	10YR-24HR	121.50	121.50	0.0000	1.50	0.00	0
SOUTH OUTFALL	10YR-24HR	123.34	123.34	0.0000	0.43	0.00	0
NORTH OUTFALL	25YR-72HR	121.50	121.50	0.0000	2.89	0.00	0
SOUTH OUTFALL	25YR-72HR	123.34	123.34	0.0000	0.59	0.00	0



Simple Basin: BASIN-A

Scenario: PRE-CONDITIONS
Node: SOUTH OUTFALL
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 999999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.1700 ac
Curve Number: 63.6
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BASIN-B

Scenario: PRE-CONDITIONS
 Node: NORTH OUTFALL
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 31.0000 min
 Max Allowable Q: 99999999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.0000 ac
 Curve Number: 49.3
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Node: NORTH OUTFALL

Scenario: PRE-CONDITIONS
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 121.50 ft
 Warning Stage: 121.50 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	121.50
0	0	0	96.0000	121.50

Comment:

Node: SOUTH OUTFALL

Scenario: PRE-CONDITIONS
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 123.34 ft
 Warning Stage: 123.34 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	123.34
0	0	0	96.0000	123.34

Comment: Top of inlet along 6th Ave

Simulation: 100YR-72HR

Scenario: PRE-CONDITIONS
 Run Date/Time: 3/2/2022 5:25:41 PM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	77.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set: SITE
 Green-Ampt Set:

Vertical Layers Set:
 Impervious Set: SITE
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:
 Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Global
	Opt:
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~SFWMD-72
	Rainfall Amount: 13.60 in
Edge Length Option: Automatic	Storm Duration: 72.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2	Min Node Srf Area 100 ft2
(2D):	(1D):
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment: SFWMD 100 yr / 72 hr

Simulation: 10YR-24HR

Scenario: PRE-CONDITIONS
 Run Date/Time: 3/2/2022 5:25:55 PM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	30.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set: SITE

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set: SITE
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:
 Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft

 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft

 Edge Length Option: Automatic

IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False

 Smp/Man Basin Rain: Global
 Opt:
 OF Region Rain Opt: Global
 Rainfall Name: ~FLMOD
 Rainfall Amount: 7.90 in
 Storm Duration: 24.0000 hr

Dflt Damping (2D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (2D):
 Energy Switch (2D): Energy

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment: 10 yr / 24 hr

Simulation: 25YR-72HR

Scenario: PRE-CONDITIONS
 Run Date/Time: 3/2/2022 5:26:36 PM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	77.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder:	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set: SITE
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set: SITE
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~SFWMD-72
Edge Length Option: Automatic	Rainfall Amount: 10.50 in
	Storm Duration: 72.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment: SFWMD 25 yr / 72 hr

Simulation: recovery

Scenario: RECOVERY
 Run Date/Time: 2/9/2023 1:40:10 PM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	72.0000

Hydrology [sec]	Surface Hydraulics	Groundwater [sec]

	[sec]		
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:	60.0000		

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set: SITE

Green-Ampt Set:
Vertical Layers Set:
Impervious Set: SITE
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight 0.5 dec
Fact:

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False

dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: No Rainfall
Max dZ: 1.0000 ft	OF Region Rain Opt: No Rainfall
Link Optimizer Tol: 0.0001 ft	
Edge Length Option: Automatic	
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment: RECOVERY

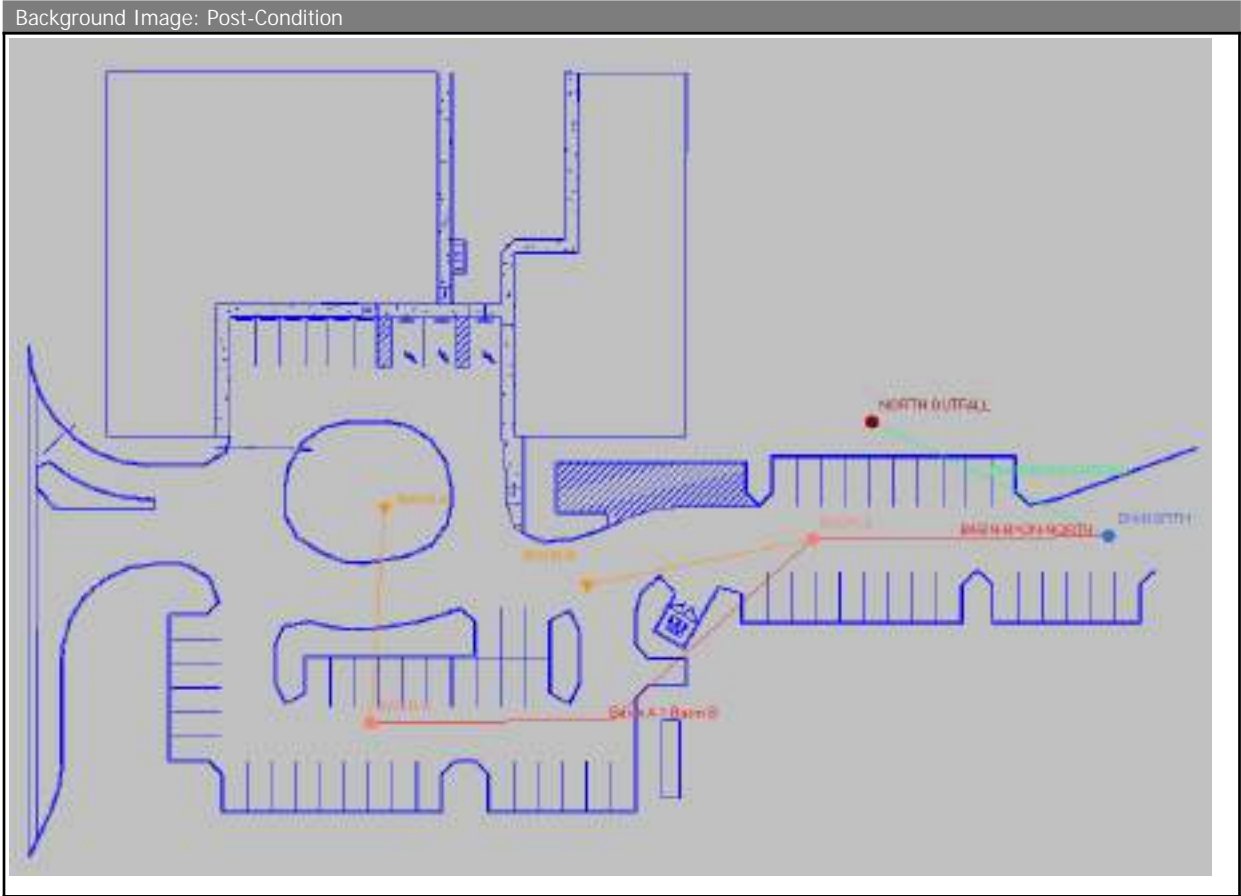
POST-DEVELOPMENT DRAINAGE ANALYSIS

Simple Basin Runoff Summary [POST-CONDITIONS]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN-A	100YR-72HR	9.48	60.0167	13.60	10.11	1.7380	73.9	0.00	0.00
BASIN-B	100YR-72HR	3.31	60.0167	13.60	8.18	0.6940	61.5	0.00	0.00
BASIN-A	10YR-24HR	5.91	12.0500	7.90	4.82	1.7380	73.9	0.00	0.00
BASIN-B	10YR-24HR	1.65	12.0667	7.90	3.42	0.6940	61.5	0.00	0.00
BASIN-A	25YR-72HR	6.97	60.0167	10.50	7.19	1.7380	73.9	0.00	0.00
BASIN-B	25YR-72HR	2.31	60.0167	10.50	5.51	0.6940	61.5	0.00	0.00

Node Max Conditions [POST-CONDITIONS]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
BASIN-A	100YR-72HR	123.25	123.33	0.0010	9.48	6.71	14014
BASIN-B	100YR-72HR	122.60	123.01	0.0010	9.41	9.55	4184
DN-NORTH	100YR-72HR	122.60	122.98	0.0011	9.55	9.35	100
NORTH OUTFALL	100YR-72HR	121.50	121.50	0.0000	9.35	0.00	0
BASIN-A	10YR-24HR	123.25	122.51	0.0010	5.91	1.29	7755
BASIN-B	10YR-24HR	122.60	122.51	0.0010	2.94	0.07	4184
DN-NORTH	10YR-24HR	122.60	122.51	0.0010	0.07	0.02	100
NORTH OUTFALL	10YR-24HR	121.50	121.50	0.0000	0.00	0.00	0
BASIN-A	25YR-72HR	123.25	122.79	0.0010	6.97	1.96	7755
BASIN-B	25YR-72HR	122.60	122.76	0.0010	3.84	3.60	4184
DN-NORTH	25YR-72HR	122.60	122.76	0.0011	3.60	2.64	100
NORTH OUTFALL	25YR-72HR	121.50	121.50	0.0000	2.64	0.00	0



Simple Basin: BASIN-A

Scenario: POST-CONDITIONS
Node: BASIN-A
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 999999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.7380 ac
Curve Number: 73.9
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BASIN-B

Scenario: POST-CONDITIONS
 Node: BASIN-B
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6940 ac
 Curve Number: 61.5
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Node: BASIN-A

Scenario: POST-CONDITIONS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 118.00 ft
 Warning Stage: 123.25 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
123.33	0.61	26711
123.25	0.59	25905
122.75	0.57	24903
122.25	0.54	23697
120.42	0.38	16639
120.25	0.36	15776
120.00	0.33	14190
119.75	0.29	12425
119.50	0.24	10558
119.25	0.20	8641
119.00	0.15	6717
118.75	0.11	4828
118.50	0.07	3022
118.25	0.03	1365
118.00	0.00	0

Comment:

Node: BASIN-B

Scenario: POST-CONDITIONS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 118.00 ft
 Warning Stage: 122.60 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
120.00	0.17	7379
119.75	0.15	6621
119.50	0.13	5706
119.25	0.11	4713
119.00	0.08	3690
118.75	0.06	2662
118.50	0.04	1673
118.25	0.02	754
118.00	0.00	0

Comment:

Node: DN-NORTH

Scenario: POST-CONDITIONS
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 118.00 ft
 Warning Stage: 122.60 ft

Comment:

Node: NORTH OUTFALL

Scenario: POST-CONDITIONS
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 121.50 ft
 Warning Stage: 121.50 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	121.50
0	0	0	96.0000	121.50

Comment:

Pipe Link: BASIN-B>DN-NORTH		Upstream	Downstream
Scenario:	POST-CONDITION	Invert: 118.00 ft	Invert: 118.00 ft
	S	Manning's N: 0.0220	Manning's N: 0.0220
From Node:	BASIN-B	Geometry: Circular	Geometry: Circular
To Node:	DN-NORTH	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	6.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef:	0.00	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 dec	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0000	Manning's N: 0.0000
Comment:			

Pipe Link: Basin A > Basin B		Upstream	Downstream
Scenario:	POST-CONDITION	Invert: 118.00 ft	Invert: 118.00 ft
	S	Manning's N: 0.0220	Manning's N: 0.0220
From Node:	BASIN-A	Geometry: Circular	Geometry: Circular
To Node:	BASIN-B	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	75.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0000	Manning's N: 0.0000
Entr Loss Coef:	1.00	Top Clip	
Exit Loss Coef:	1.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 dec	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0000	Manning's N: 0.0000
Comment:			

Weir Link: DN-NORTH>OUTFALL		Bottom Clip
Scenario:	POST-CONDITIONS	Default: 0.00 ft
From Node:	DN-NORTH	Op Table:
To Node:	NORTH OUTFALL	Ref Node:
Link Count:	1	Top Clip
Flow Direction:	Both	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:
Weir Type:	Horizontal	Ref Node:
Geometry Type:	Rectangular	Discharge Coefficients
Invert:	122.60 ft	Weir Default: 2.800
Control Elevation:	122.60 ft	

Max Depth: 3.08 ft
 Max Width: 4.08 ft
 Fillet: 0.00 ft

Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Simulation: 100YR-72HR

Scenario: POST-CONDITIONS
 Run Date/Time: 2/9/2023 6:33:26 PM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	77.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:

Lookup Tables

Boundary Stage Set:

Reference ET Folder:
Unit Hydrograph
Folder:

Extern Hydrograph Set:
Curve Number Set: SITE

Green-Ampt Set:
Vertical Layers Set:
Impervious Set: SITE
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Global
	Opt:
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~SFWMD-72
	Rainfall Amount: 13.60 in
Edge Length Option: Automatic	Storm Duration: 72.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2	Min Node Srf Area 100 ft2
(2D):	(1D):
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment: SFWMD 100 yr / 72 hr

Simulation: 10YR-24HR

Scenario: POST-CONDITIONS
Run Date/Time: 2/9/2023 6:33:56 PM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	30.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	

Max Calculation Time: 60.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
Reference ET Folder:
Unit Hydrograph
Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set: SITE

Green-Ampt Set:
Vertical Layers Set:
Impervious Set: SITE
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False

Smp/Man Basin Rain Global
Opt:

Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FLMOD
Edge Length Option: Automatic	Rainfall Amount: 7.90 in
	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
	(1D):
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment: 10 yr / 24 hr

Simulation: 25YR-72HR

Scenario: POST-CONDITIONS
 Run Date/Time: 2/9/2023 6:35:11 PM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	77.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph
 Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set: SITE

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set: SITE
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:
 Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft

 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft

 Edge Length Option: Automatic

 Dflt Damping (2D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (2D):
 Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False

 Smp/Man Basin Rain Global
 Opt:
 OF Region Rain Opt: Global
 Rainfall Name: ~SFWMD-72
 Rainfall Amount: 10.50 in
 Storm Duration: 72.0000 hr

 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area 100 ft2
 (1D):
 Energy Switch (1D): Energy

Comment: SFWMD 25 yr / 72 hr

APPENDIX E
DRAWDOWN (RECOVERY)
ANALYSIS

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	0.0000	123.33	0.00	0.00
RECOVERY	recovery	BASIN-A	0.2504	120.91	0.00	0.21
RECOVERY	recovery	BASIN-A	0.5005	120.53	0.01	0.25
RECOVERY	recovery	BASIN-A	0.7506	120.24	0.01	0.28
RECOVERY	recovery	BASIN-A	1.0001	120.02	0.01	0.32
RECOVERY	recovery	BASIN-A	1.2502	119.86	0.01	0.34
RECOVERY	recovery	BASIN-A	1.5006	119.74	0.01	0.36
RECOVERY	recovery	BASIN-A	1.7502	119.64	0.01	0.38
RECOVERY	recovery	BASIN-A	2.0016	119.55	0.01	0.39
RECOVERY	recovery	BASIN-A	2.2501	119.47	0.01	0.41
RECOVERY	recovery	BASIN-A	2.5013	119.40	0.01	0.42
RECOVERY	recovery	BASIN-A	2.7513	119.33	0.01	0.43
RECOVERY	recovery	BASIN-A	3.0007	119.27	0.01	0.44
RECOVERY	recovery	BASIN-A	3.2511	119.22	0.01	0.45
RECOVERY	recovery	BASIN-A	3.5003	119.18	0.01	0.46
RECOVERY	recovery	BASIN-A	3.7500	119.14	0.01	0.47
RECOVERY	recovery	BASIN-A	4.0044	119.10	0.01	0.47
RECOVERY	recovery	BASIN-A	4.2500	119.06	0.01	0.48
RECOVERY	recovery	BASIN-A	4.5005	119.03	0.01	0.49
RECOVERY	recovery	BASIN-A	4.7521	119.00	0.01	0.49
RECOVERY	recovery	BASIN-A	5.0020	118.97	0.01	0.50
RECOVERY	recovery	BASIN-A	5.2519	118.94	0.01	0.50
RECOVERY	recovery	BASIN-A	5.5030	118.91	0.01	0.51
RECOVERY	recovery	BASIN-A	5.7515	118.88	0.01	0.51
RECOVERY	recovery	BASIN-A	6.0020	118.86	0.01	0.52
RECOVERY	recovery	BASIN-A	6.2516	118.83	0.01	0.52
RECOVERY	recovery	BASIN-A	6.5035	118.81	0.01	0.52
RECOVERY	recovery	BASIN-A	6.7509	118.78	0.01	0.53
RECOVERY	recovery	BASIN-A	7.0024	118.76	0.01	0.53

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	7.2501	118.74	0.01	0.54
RECOVERY	recovery	BASIN-A	7.5040	118.72	0.01	0.54
RECOVERY	recovery	BASIN-A	7.7532	118.70	0.01	0.54
RECOVERY	recovery	BASIN-A	8.0038	118.68	0.01	0.55
RECOVERY	recovery	BASIN-A	8.0855	118.67	0.01	0.55
RECOVERY	recovery	BASIN-A	8.1677	118.67	0.01	0.55
RECOVERY	recovery	BASIN-A	8.2562	118.66	0.01	0.55
RECOVERY	recovery	BASIN-A	8.3343	118.65	0.01	0.55
RECOVERY	recovery	BASIN-A	8.4221	118.65	0.01	0.55
RECOVERY	recovery	BASIN-A	8.5061	118.64	0.01	0.55
RECOVERY	recovery	BASIN-A	8.5895	118.63	0.01	0.55
RECOVERY	recovery	BASIN-A	8.6686	118.63	0.01	0.55
RECOVERY	recovery	BASIN-A	8.7575	118.62	0.01	0.56
RECOVERY	recovery	BASIN-A	8.8409	118.61	0.01	0.56
RECOVERY	recovery	BASIN-A	8.9184	118.61	0.01	0.56
RECOVERY	recovery	BASIN-A	9.0044	118.60	0.01	0.56
RECOVERY	recovery	BASIN-A	9.0871	118.60	0.01	0.56
RECOVERY	recovery	BASIN-A	9.1688	118.59	0.01	0.56
RECOVERY	recovery	BASIN-A	9.2594	118.58	0.01	0.56
RECOVERY	recovery	BASIN-A	9.3410	118.58	0.01	0.56
RECOVERY	recovery	BASIN-A	9.4248	118.57	0.01	0.56
RECOVERY	recovery	BASIN-A	9.5069	118.57	0.01	0.56
RECOVERY	recovery	BASIN-A	9.5852	118.56	0.01	0.57
RECOVERY	recovery	BASIN-A	9.6722	118.55	0.01	0.57
RECOVERY	recovery	BASIN-A	9.7578	118.55	0.01	0.57
RECOVERY	recovery	BASIN-A	9.8415	118.54	0.01	0.57
RECOVERY	recovery	BASIN-A	9.9174	118.54	0.01	0.57
RECOVERY	recovery	BASIN-A	10.0004	118.53	0.01	0.57
RECOVERY	recovery	BASIN-A	10.0884	118.53	0.01	0.57

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	10.1687	118.52	0.01	0.57
RECOVERY	recovery	BASIN-A	10.2577	118.51	0.01	0.57
RECOVERY	recovery	BASIN-A	10.3423	118.51	0.01	0.57
RECOVERY	recovery	BASIN-A	10.4274	118.50	0.01	0.57
RECOVERY	recovery	BASIN-A	10.5074	118.50	0.01	0.58
RECOVERY	recovery	BASIN-A	10.5896	118.49	0.01	0.58
RECOVERY	recovery	BASIN-A	10.6680	118.49	0.01	0.58
RECOVERY	recovery	BASIN-A	10.7519	118.48	0.01	0.58
RECOVERY	recovery	BASIN-A	10.8352	118.48	0.01	0.58
RECOVERY	recovery	BASIN-A	10.9263	118.47	0.01	0.58
RECOVERY	recovery	BASIN-A	11.0048	118.47	0.01	0.58
RECOVERY	recovery	BASIN-A	11.0904	118.46	0.01	0.58
RECOVERY	recovery	BASIN-A	11.1735	118.46	0.01	0.58
RECOVERY	recovery	BASIN-A	11.2559	118.45	0.01	0.58
RECOVERY	recovery	BASIN-A	11.3426	118.44	0.01	0.58
RECOVERY	recovery	BASIN-A	11.4267	118.44	0.01	0.58
RECOVERY	recovery	BASIN-A	11.5047	118.43	0.01	0.59
RECOVERY	recovery	BASIN-A	11.5912	118.43	0.01	0.59
RECOVERY	recovery	BASIN-A	11.6736	118.42	0.01	0.59
RECOVERY	recovery	BASIN-A	11.7617	118.42	0.01	0.59
RECOVERY	recovery	BASIN-A	11.8438	118.41	0.01	0.59
RECOVERY	recovery	BASIN-A	11.9204	118.41	0.01	0.59
RECOVERY	recovery	BASIN-A	12.0024	118.40	0.01	0.59
RECOVERY	recovery	BASIN-A	12.0901	118.40	0.01	0.59
RECOVERY	recovery	BASIN-A	12.1732	118.39	0.01	0.59
RECOVERY	recovery	BASIN-A	12.2522	118.39	0.01	0.59
RECOVERY	recovery	BASIN-A	12.3394	118.38	0.01	0.59
RECOVERY	recovery	BASIN-A	12.4235	118.38	0.01	0.59
RECOVERY	recovery	BASIN-A	12.5049	118.37	0.01	0.59

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	12.5932	118.37	0.01	0.60
RECOVERY	recovery	BASIN-A	12.6768	118.36	0.01	0.60
RECOVERY	recovery	BASIN-A	12.7606	118.36	0.01	0.60
RECOVERY	recovery	BASIN-A	12.8372	118.35	0.01	0.60
RECOVERY	recovery	BASIN-A	12.9187	118.35	0.01	0.60
RECOVERY	recovery	BASIN-A	13.0049	118.35	0.01	0.60
RECOVERY	recovery	BASIN-A	13.0840	118.34	0.01	0.60
RECOVERY	recovery	BASIN-A	13.1778	118.34	0.01	0.60
RECOVERY	recovery	BASIN-A	13.2506	118.33	0.01	0.60
RECOVERY	recovery	BASIN-A	13.3433	118.33	0.01	0.60
RECOVERY	recovery	BASIN-A	13.4187	118.32	0.01	0.60
RECOVERY	recovery	BASIN-A	13.5104	118.32	0.01	0.60
RECOVERY	recovery	BASIN-A	13.5971	118.31	0.01	0.60
RECOVERY	recovery	BASIN-A	13.6708	118.31	0.01	0.60
RECOVERY	recovery	BASIN-A	13.7537	118.30	0.01	0.61
RECOVERY	recovery	BASIN-A	13.8366	118.30	0.01	0.61
RECOVERY	recovery	BASIN-A	13.9199	118.29	0.01	0.61
RECOVERY	recovery	BASIN-A	14.0033	118.29	0.01	0.61
RECOVERY	recovery	BASIN-A	14.2533	118.28	0.01	0.61
RECOVERY	recovery	BASIN-A	14.5033	118.26	0.01	0.61
RECOVERY	recovery	BASIN-A	14.7533	118.25	0.01	0.61
RECOVERY	recovery	BASIN-A	15.0033	118.23	0.01	0.61
RECOVERY	recovery	BASIN-A	15.2533	118.22	0.01	0.62
RECOVERY	recovery	BASIN-A	15.5033	118.21	0.01	0.62
RECOVERY	recovery	BASIN-A	15.7533	118.20	0.01	0.62
RECOVERY	recovery	BASIN-A	16.0033	118.18	0.01	0.62
RECOVERY	recovery	BASIN-A	16.2533	118.17	0.01	0.62
RECOVERY	recovery	BASIN-A	16.5033	118.16	0.01	0.63
RECOVERY	recovery	BASIN-A	16.7533	118.15	0.01	0.63

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	17.0033	118.14	0.01	0.63
RECOVERY	recovery	BASIN-A	17.2599	118.12	0.01	0.63
RECOVERY	recovery	BASIN-A	17.5033	118.11	0.01	0.63
RECOVERY	recovery	BASIN-A	17.7566	118.10	0.01	0.63
RECOVERY	recovery	BASIN-A	18.0099	118.09	0.01	0.63
RECOVERY	recovery	BASIN-A	18.2633	118.08	0.01	0.63
RECOVERY	recovery	BASIN-A	18.5108	118.07	0.01	0.64
RECOVERY	recovery	BASIN-A	18.7544	118.06	0.01	0.64
RECOVERY	recovery	BASIN-A	19.0069	118.05	0.01	0.64
RECOVERY	recovery	BASIN-A	19.2569	118.04	0.01	0.64
RECOVERY	recovery	BASIN-A	19.5069	118.04	0.01	0.64
RECOVERY	recovery	BASIN-A	19.7569	118.03	0.01	0.64
RECOVERY	recovery	BASIN-A	20.0069	118.02	0.01	0.64
RECOVERY	recovery	BASIN-A	20.2569	118.01	0.01	0.64
RECOVERY	recovery	BASIN-A	20.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	20.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	21.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	21.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	21.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	21.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	22.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	22.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	22.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	22.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	23.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	23.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	23.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	23.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	24.0069	118.00	0.01	0.64

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	24.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	24.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	24.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	25.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	25.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	25.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	25.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	26.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	26.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	26.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	26.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	27.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	27.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	27.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	27.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	28.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	28.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	28.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	28.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	29.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	29.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	29.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	29.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	30.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	30.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	30.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	30.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	31.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	31.2569	118.00	0.01	0.64

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	31.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	31.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	32.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	32.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	32.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	32.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	33.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	33.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	33.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	33.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	34.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	34.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	34.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	34.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	35.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	35.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	35.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	35.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	36.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	36.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	36.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	36.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	37.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	37.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	37.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	37.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	38.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	38.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	38.5069	118.00	0.01	0.64

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	38.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	39.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	39.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	39.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	39.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	40.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	40.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	40.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	40.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	41.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	41.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	41.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	41.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	42.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	42.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	42.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	42.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	43.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	43.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	43.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	43.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	44.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	44.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	44.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	44.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	45.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	45.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	45.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	45.7569	118.00	0.01	0.64

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	46.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	46.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	46.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	46.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	47.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	47.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	47.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	47.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	48.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	48.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	48.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	48.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	49.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	49.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	49.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	49.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	50.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	50.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	50.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	50.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	51.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	51.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	51.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	51.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	52.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	52.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	52.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	52.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	53.0069	118.00	0.01	0.64

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	53.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	53.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	53.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	54.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	54.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	54.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	54.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	55.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	55.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	55.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	55.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	56.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	56.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	56.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	56.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	57.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	57.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	57.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	57.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	58.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	58.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	58.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	58.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	59.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	59.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	59.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	59.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	60.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	60.2569	118.00	0.01	0.64

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	60.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	60.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	61.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	61.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	61.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	61.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	62.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	62.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	62.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	62.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	63.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	63.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	63.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	63.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	64.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	64.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	64.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	64.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	65.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	65.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	65.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	65.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	66.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	66.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	66.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	66.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	67.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	67.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	67.5069	118.00	0.01	0.64

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-A	67.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	68.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	68.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	68.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	68.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	69.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	69.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	69.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	69.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	70.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	70.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	70.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	70.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	71.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	71.2569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	71.5069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	71.7569	118.00	0.01	0.64
RECOVERY	recovery	BASIN-A	72.0069	118.00	0.01	0.64
RECOVERY	recovery	BASIN-B	0.0000	120.00	0.00	0.00
RECOVERY	recovery	BASIN-B	0.2504	120.92	0.11	0.06
RECOVERY	recovery	BASIN-B	0.5005	120.53	0.11	0.08
RECOVERY	recovery	BASIN-B	0.7506	120.24	0.11	0.10
RECOVERY	recovery	BASIN-B	1.0001	120.02	0.12	0.11
RECOVERY	recovery	BASIN-B	1.2502	119.86	0.12	0.13
RECOVERY	recovery	BASIN-B	1.5006	119.74	0.12	0.14
RECOVERY	recovery	BASIN-B	1.7502	119.64	0.13	0.15
RECOVERY	recovery	BASIN-B	2.0016	119.55	0.13	0.16
RECOVERY	recovery	BASIN-B	2.2501	119.47	0.14	0.18
RECOVERY	recovery	BASIN-B	2.5013	119.40	0.14	0.19

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	2.7513	119.33	0.15	0.20
RECOVERY	recovery	BASIN-B	3.0007	119.27	0.15	0.21
RECOVERY	recovery	BASIN-B	3.2511	119.22	0.15	0.22
RECOVERY	recovery	BASIN-B	3.5003	119.18	0.16	0.22
RECOVERY	recovery	BASIN-B	3.7500	119.13	0.16	0.23
RECOVERY	recovery	BASIN-B	4.0044	119.09	0.16	0.24
RECOVERY	recovery	BASIN-B	4.2500	119.06	0.16	0.24
RECOVERY	recovery	BASIN-B	4.5005	119.03	0.16	0.25
RECOVERY	recovery	BASIN-B	4.7521	118.99	0.17	0.25
RECOVERY	recovery	BASIN-B	5.0020	118.96	0.17	0.26
RECOVERY	recovery	BASIN-B	5.2519	118.93	0.17	0.26
RECOVERY	recovery	BASIN-B	5.5030	118.91	0.17	0.26
RECOVERY	recovery	BASIN-B	5.7515	118.88	0.17	0.27
RECOVERY	recovery	BASIN-B	6.0020	118.85	0.17	0.27
RECOVERY	recovery	BASIN-B	6.2516	118.83	0.17	0.28
RECOVERY	recovery	BASIN-B	6.5035	118.81	0.18	0.28
RECOVERY	recovery	BASIN-B	6.7509	118.78	0.18	0.28
RECOVERY	recovery	BASIN-B	7.0024	118.76	0.18	0.29
RECOVERY	recovery	BASIN-B	7.2501	118.74	0.18	0.29
RECOVERY	recovery	BASIN-B	7.5040	118.72	0.18	0.29
RECOVERY	recovery	BASIN-B	7.7532	118.70	0.18	0.30
RECOVERY	recovery	BASIN-B	8.0038	118.68	0.18	0.30
RECOVERY	recovery	BASIN-B	8.0855	118.67	0.18	0.30
RECOVERY	recovery	BASIN-B	8.1677	118.66	0.18	0.30
RECOVERY	recovery	BASIN-B	8.2562	118.66	0.18	0.30
RECOVERY	recovery	BASIN-B	8.3343	118.65	0.18	0.30
RECOVERY	recovery	BASIN-B	8.4221	118.64	0.18	0.30
RECOVERY	recovery	BASIN-B	8.5061	118.64	0.18	0.30
RECOVERY	recovery	BASIN-B	8.5895	118.63	0.18	0.30

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	8.6686	118.62	0.18	0.31
RECOVERY	recovery	BASIN-B	8.7575	118.62	0.18	0.31
RECOVERY	recovery	BASIN-B	8.8409	118.61	0.19	0.31
RECOVERY	recovery	BASIN-B	8.9184	118.61	0.19	0.31
RECOVERY	recovery	BASIN-B	9.0044	118.60	0.19	0.31
RECOVERY	recovery	BASIN-B	9.0871	118.59	0.19	0.31
RECOVERY	recovery	BASIN-B	9.1688	118.59	0.19	0.31
RECOVERY	recovery	BASIN-B	9.2594	118.58	0.19	0.31
RECOVERY	recovery	BASIN-B	9.3410	118.58	0.19	0.31
RECOVERY	recovery	BASIN-B	9.4248	118.57	0.19	0.31
RECOVERY	recovery	BASIN-B	9.5069	118.56	0.19	0.31
RECOVERY	recovery	BASIN-B	9.5852	118.56	0.19	0.31
RECOVERY	recovery	BASIN-B	9.6722	118.55	0.19	0.32
RECOVERY	recovery	BASIN-B	9.7578	118.55	0.19	0.32
RECOVERY	recovery	BASIN-B	9.8415	118.54	0.19	0.32
RECOVERY	recovery	BASIN-B	9.9174	118.54	0.19	0.32
RECOVERY	recovery	BASIN-B	10.0004	118.53	0.19	0.32
RECOVERY	recovery	BASIN-B	10.0884	118.52	0.19	0.32
RECOVERY	recovery	BASIN-B	10.1687	118.52	0.19	0.32
RECOVERY	recovery	BASIN-B	10.2577	118.51	0.19	0.32
RECOVERY	recovery	BASIN-B	10.3423	118.51	0.19	0.32
RECOVERY	recovery	BASIN-B	10.4274	118.50	0.19	0.32
RECOVERY	recovery	BASIN-B	10.5074	118.50	0.19	0.32
RECOVERY	recovery	BASIN-B	10.5896	118.49	0.19	0.32
RECOVERY	recovery	BASIN-B	10.6680	118.49	0.19	0.32
RECOVERY	recovery	BASIN-B	10.7519	118.48	0.19	0.32
RECOVERY	recovery	BASIN-B	10.8352	118.47	0.19	0.33
RECOVERY	recovery	BASIN-B	10.9263	118.47	0.19	0.33
RECOVERY	recovery	BASIN-B	11.0048	118.46	0.19	0.33

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	11.0904	118.46	0.19	0.33
RECOVERY	recovery	BASIN-B	11.1735	118.45	0.19	0.33
RECOVERY	recovery	BASIN-B	11.2559	118.45	0.19	0.33
RECOVERY	recovery	BASIN-B	11.3426	118.44	0.19	0.33
RECOVERY	recovery	BASIN-B	11.4267	118.44	0.19	0.33
RECOVERY	recovery	BASIN-B	11.5047	118.43	0.19	0.33
RECOVERY	recovery	BASIN-B	11.5912	118.43	0.19	0.33
RECOVERY	recovery	BASIN-B	11.6736	118.42	0.19	0.33
RECOVERY	recovery	BASIN-B	11.7617	118.42	0.19	0.33
RECOVERY	recovery	BASIN-B	11.8438	118.41	0.19	0.33
RECOVERY	recovery	BASIN-B	11.9204	118.41	0.19	0.33
RECOVERY	recovery	BASIN-B	12.0024	118.40	0.19	0.33
RECOVERY	recovery	BASIN-B	12.0901	118.40	0.19	0.34
RECOVERY	recovery	BASIN-B	12.1732	118.39	0.20	0.34
RECOVERY	recovery	BASIN-B	12.2522	118.39	0.20	0.34
RECOVERY	recovery	BASIN-B	12.3394	118.38	0.20	0.34
RECOVERY	recovery	BASIN-B	12.4235	118.38	0.20	0.34
RECOVERY	recovery	BASIN-B	12.5049	118.37	0.20	0.34
RECOVERY	recovery	BASIN-B	12.5932	118.37	0.20	0.34
RECOVERY	recovery	BASIN-B	12.6768	118.36	0.20	0.34
RECOVERY	recovery	BASIN-B	12.7606	118.36	0.20	0.34
RECOVERY	recovery	BASIN-B	12.8372	118.35	0.20	0.34
RECOVERY	recovery	BASIN-B	12.9187	118.35	0.20	0.34
RECOVERY	recovery	BASIN-B	13.0049	118.34	0.20	0.34
RECOVERY	recovery	BASIN-B	13.0840	118.34	0.20	0.34
RECOVERY	recovery	BASIN-B	13.1778	118.33	0.20	0.34
RECOVERY	recovery	BASIN-B	13.2506	118.33	0.20	0.34
RECOVERY	recovery	BASIN-B	13.3433	118.32	0.20	0.34
RECOVERY	recovery	BASIN-B	13.4187	118.32	0.20	0.35

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	13.5104	118.31	0.20	0.35
RECOVERY	recovery	BASIN-B	13.5971	118.31	0.20	0.35
RECOVERY	recovery	BASIN-B	13.6708	118.30	0.20	0.35
RECOVERY	recovery	BASIN-B	13.7537	118.30	0.20	0.35
RECOVERY	recovery	BASIN-B	13.8366	118.29	0.20	0.35
RECOVERY	recovery	BASIN-B	13.9199	118.29	0.20	0.35
RECOVERY	recovery	BASIN-B	14.0033	118.29	0.20	0.35
RECOVERY	recovery	BASIN-B	14.2533	118.27	0.20	0.35
RECOVERY	recovery	BASIN-B	14.5033	118.26	0.20	0.35
RECOVERY	recovery	BASIN-B	14.7533	118.24	0.20	0.35
RECOVERY	recovery	BASIN-B	15.0033	118.23	0.20	0.36
RECOVERY	recovery	BASIN-B	15.2533	118.22	0.20	0.36
RECOVERY	recovery	BASIN-B	15.5033	118.20	0.20	0.36
RECOVERY	recovery	BASIN-B	15.7533	118.19	0.20	0.36
RECOVERY	recovery	BASIN-B	16.0033	118.18	0.20	0.36
RECOVERY	recovery	BASIN-B	16.2533	118.16	0.20	0.36
RECOVERY	recovery	BASIN-B	16.5033	118.15	0.20	0.37
RECOVERY	recovery	BASIN-B	16.7533	118.13	0.21	0.37
RECOVERY	recovery	BASIN-B	17.0033	118.12	0.21	0.37
RECOVERY	recovery	BASIN-B	17.2599	118.10	0.21	0.37
RECOVERY	recovery	BASIN-B	17.5033	118.09	0.21	0.37
RECOVERY	recovery	BASIN-B	17.7566	118.07	0.21	0.37
RECOVERY	recovery	BASIN-B	18.0099	118.06	0.21	0.37
RECOVERY	recovery	BASIN-B	18.2633	118.04	0.21	0.37
RECOVERY	recovery	BASIN-B	18.5108	118.02	0.21	0.38
RECOVERY	recovery	BASIN-B	18.7544	118.01	0.21	0.38
RECOVERY	recovery	BASIN-B	19.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	19.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	19.5069	118.00	0.21	0.38

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	19.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	20.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	20.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	20.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	20.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	21.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	21.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	21.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	21.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	22.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	22.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	22.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	22.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	23.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	23.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	23.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	23.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	24.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	24.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	24.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	24.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	25.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	25.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	25.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	25.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	26.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	26.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	26.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	26.7569	118.00	0.21	0.38

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	27.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	27.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	27.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	27.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	28.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	28.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	28.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	28.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	29.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	29.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	29.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	29.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	30.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	30.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	30.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	30.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	31.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	31.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	31.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	31.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	32.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	32.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	32.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	32.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	33.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	33.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	33.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	33.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	34.0069	118.00	0.21	0.38

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	34.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	34.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	34.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	35.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	35.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	35.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	35.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	36.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	36.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	36.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	36.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	37.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	37.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	37.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	37.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	38.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	38.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	38.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	38.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	39.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	39.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	39.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	39.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	40.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	40.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	40.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	40.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	41.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	41.2569	118.00	0.21	0.38

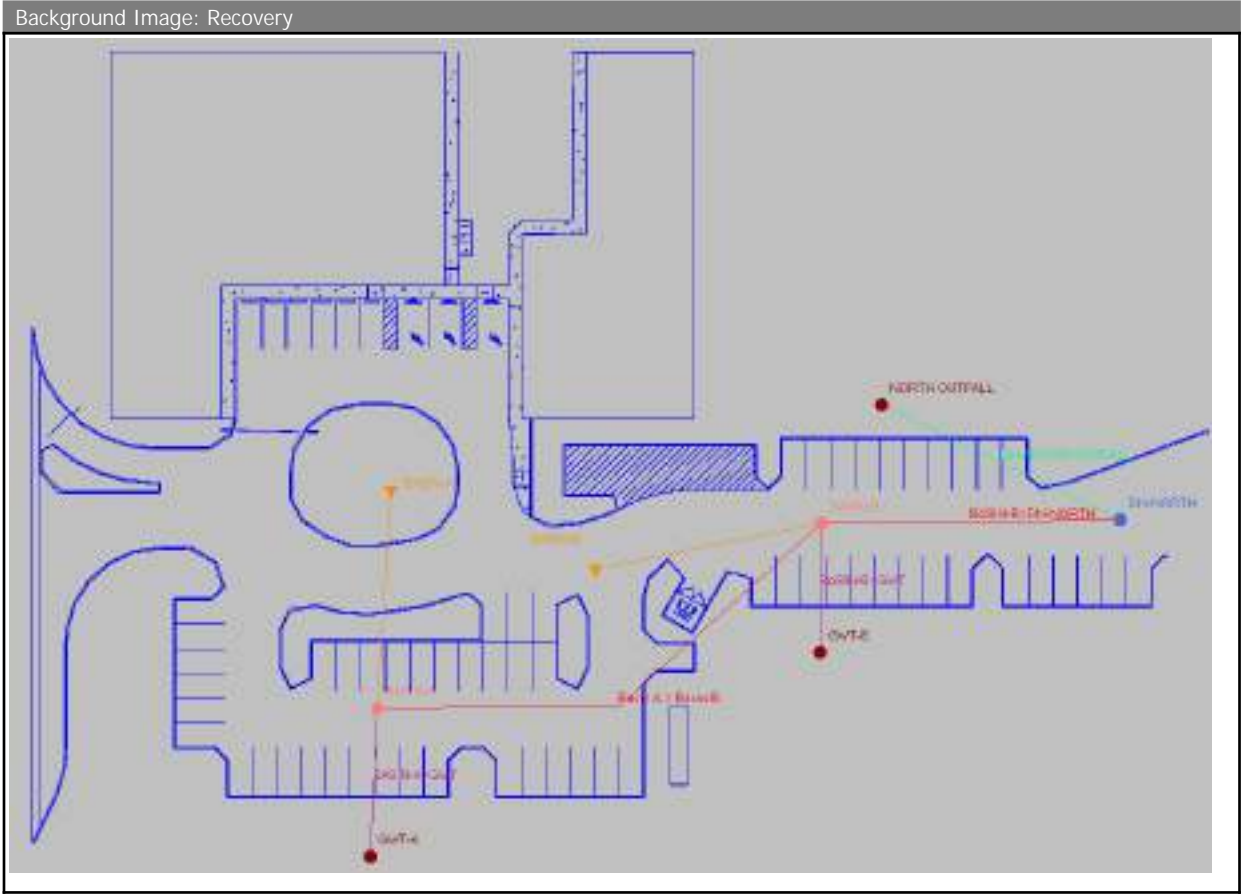
Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	41.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	41.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	42.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	42.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	42.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	42.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	43.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	43.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	43.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	43.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	44.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	44.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	44.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	44.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	45.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	45.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	45.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	45.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	46.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	46.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	46.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	46.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	47.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	47.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	47.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	47.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	48.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	48.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	48.5069	118.00	0.21	0.38

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	48.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	49.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	49.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	49.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	49.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	50.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	50.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	50.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	50.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	51.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	51.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	51.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	51.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	52.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	52.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	52.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	52.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	53.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	53.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	53.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	53.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	54.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	54.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	54.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	54.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	55.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	55.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	55.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	55.7569	118.00	0.21	0.38

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	56.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	56.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	56.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	56.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	57.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	57.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	57.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	57.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	58.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	58.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	58.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	58.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	59.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	59.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	59.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	59.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	60.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	60.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	60.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	60.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	61.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	61.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	61.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	61.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	62.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	62.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	62.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	62.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	63.0069	118.00	0.21	0.38

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	63.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	63.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	63.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	64.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	64.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	64.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	64.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	65.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	65.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	65.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	65.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	66.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	66.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	66.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	66.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	67.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	67.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	67.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	67.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	68.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	68.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	68.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	68.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	69.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	69.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	69.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	69.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	70.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	70.2569	118.00	0.21	0.38

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Inflow Volume [ac_ft]	Total Outflow Volume [ac_ft]
RECOVERY	recovery	BASIN-B	70.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	70.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	71.0069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	71.2569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	71.5069	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	71.7569	118.00	0.21	0.38
RECOVERY	recovery	BASIN-B	72.0069	118.00	0.21	0.38



Simple Basin: BASIN-A

Scenario: RECOVERY
Node: BASIN-A
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 999999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH323
Peaking Factor: 323.0
Area: 1.7380 ac
Curve Number: 73.9
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BASIN-B

Scenario: RECOVERY
 Node: BASIN-B
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.6940 ac
 Curve Number: 61.5
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Node: BASIN-A

Scenario: RECOVERY
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 123.33 ft
 Warning Stage: 123.25 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
123.33	0.61	26711
123.25	0.59	25905
122.75	0.57	24903
122.25	0.54	23697
120.42	0.38	16639
120.25	0.36	15776
120.00	0.33	14190
119.75	0.29	12425
119.50	0.24	10558
119.25	0.20	8641
119.00	0.15	6717
118.75	0.11	4828
118.50	0.07	3022
118.25	0.03	1365
118.00	0.00	0

Comment:

Node: BASIN-B

Scenario: RECOVERY
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 120.00 ft
 Warning Stage: 122.60 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
120.00	0.17	7379
119.75	0.15	6621
119.50	0.13	5706
119.25	0.11	4713
119.00	0.08	3690
118.75	0.06	2662
118.50	0.04	1673
118.25	0.02	754
118.00	0.00	0

Comment:

Node: DN-NORTH

Scenario: RECOVERY
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 118.00 ft
 Warning Stage: 122.60 ft

Comment:

Node: GWT-A

Scenario: RECOVERY
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 115.50 ft
 Warning Stage: 115.50 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	115.50
0	0	0	96.0000	115.50

Comment:

Node: GWT-B

Scenario: RECOVERY
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 114.50 ft
 Warning Stage: 114.50 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	114.50
0	0	0	96.0000	114.50

Comment:

Node: NORTH OUTFALL

Scenario: RECOVERY
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 121.50 ft
 Warning Stage: 121.50 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	121.50
0	0	0	96.0000	121.50

Comment:

Percolation Link: BASIN-A>GWT

Scenario: RECOVERY	Surface Area Option: User Specified
From Node: BASIN-A	Bottom Elevation: 118.00 ft
To Node: GWT-A	Surface Area: 0.2214 ac
Link Count: 1	Vertical Flow Termination: Horizontal Flow Algorithm
Flow Direction: Both	Perimeter 1: 599.00 ft
Aquifer Base Elevation: 103.50 ft	Perimeter 2: 669.00 ft
Water Table Elevation: 115.50 ft	Perimeter 3: 2038.00 ft
Annual Recharge Rate: 0 ipy	Distance P1 to P2: 50.00 ft
Horizontal Conductivity: 10.650 fpd	Distance P2 to P3: 450.00 ft
Vertical Conductivity: 7.100 fpd	# of Cells P1 to P2: 10
Fillable Porosity: 0.300	# of Cells P2 to P3: 45
Layer Thickness: 2.50 ft	

Comment:

Pipe Link: BASIN-B>DN-NORTH		Upstream	Downstream
Scenario:	RECOVERY	Invert: 118.00 ft	Invert: 118.00 ft
From Node:	BASIN-B	Manning's N: 0.0220	Manning's N: 0.0220
To Node:	DN-NORTH	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	6.00 ft	Op Table:	Op Table:
FHWA Code:	1	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Energy	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Percolation Link: BASIN-B>GWT			
Scenario:	RECOVERY	Surface Area Option:	User Specified
From Node:	BASIN-B	Bottom Elevation:	118.00 ft
To Node:	GWT-B	Surface Area:	0.1129 ac
Link Count:	1	Vertical Flow Termination:	Horizontal Flow Algorithm
Flow Direction:	Both	Perimeter 1:	394.00 ft
Aquifer Base Elevation:	102.50 ft	Perimeter 2:	553.00 ft
Water Table Elevation:	114.50 ft	Perimeter 3:	1939.00 ft
Annual Recharge Rate:	0 ipy	Distance P1 to P2:	50.00 ft
Horizontal Conductivity:	10.650 fpd	Distance P2 to P3:	450.00 ft
Vertical Conductivity:	7.100 fpd	# of Cells P1 to P2:	10
Fillable Porosity:	0.300	# of Cells P2 to P3:	45
Layer Thickness:	3.50 ft		

Comment:

Pipe Link: Basin A > Basin B		Upstream	Downstream
Scenario:	RECOVERY	Invert: 118.00 ft	Invert: 118.00 ft
From Node:	BASIN-A	Manning's N: 0.0220	Manning's N: 0.0220
To Node:	BASIN-B	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	75.00 ft	Op Table:	Op Table:
FHWA Code:	1	Ref Node:	Ref Node:
Entr Loss Coef:	1.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	1.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:

Energy Switch: Energy

Ref Node:
Manning's N: 0.0000

Ref Node:
Manning's N: 0.0000

Comment:

Weir Link: DN-NORTH>OUTFALL

Scenario:	RECOVERY	Bottom Clip
From Node:	DN-NORTH	Default: 0.00 ft
To Node:	NORTH OUTFALL	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	None	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Horizontal	Op Table:
Geometry Type:	Rectangular	Ref Node:
Invert:	122.60 ft	Discharge Coefficients
Control Elevation:	122.60 ft	Weir Default: 2.800
Max Depth:	3.08 ft	Weir Table:
Max Width:	4.08 ft	Orifice Default: 0.600
Fillet:	0.00 ft	Orifice Table:

Comment:

Simulation: recovery

Scenario: RECOVERY
Run Date/Time: 2/10/2023 8:54:19 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	72.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph
 Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set: SITE

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set: SITE
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:
 Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft

 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft

IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False

 Smp/Man Basin Rain Opt: No Rainfall
 OF Region Rain Opt: No Rainfall

Edge Length Option: Automatic

Dflt Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 100 ft2
 Energy Switch (2D): Energy

Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2
 Energy Switch (1D): Energy

Comment: RECOVERY

APPENDIX F

Stormwater Hydraulics

FlexTable: Catchment Table

Label	Outflow Element	Runoff Coefficient (Rational)	Time of Concentration (min)	Flow (Total Out) (cfs)	Area (User Defined) (acres)
CM-1	D-3	0.900	10.0	0.86	
CM-2	D-2	0.900	10.0	2.69	
CM-3	D-5	0.900	10.0	1.51	
CM-4	D-2	0.850	10.0	0.67	
CM-5	D-1	0.900	10.0	0.66	
CM-6	D-5	0.800	10.0	1.60	

FlexTable: Catch Basin Table

Label	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Flow (Captured) (cfs)	Hydraulic Grade Line (In) (ft)	Energy Grade Line (Out) (ft)	Flow (Total Out) (cfs)	Inlet Type	Spread / Top Width (ft)
D-1	123.45	115.55	0.66	121.53	121.57	7.98	Catalog Inlet	10.5
D-2	123.45	115.68	3.36	121.57	121.65	7.32	Catalog Inlet	25.1
D-3	123.00	117.06	0.86	121.65	121.67	0.86	Catalog Inlet	11.9
D-5	122.78	116.62	3.11	121.64	121.74	3.11	Catalog Inlet	11.9

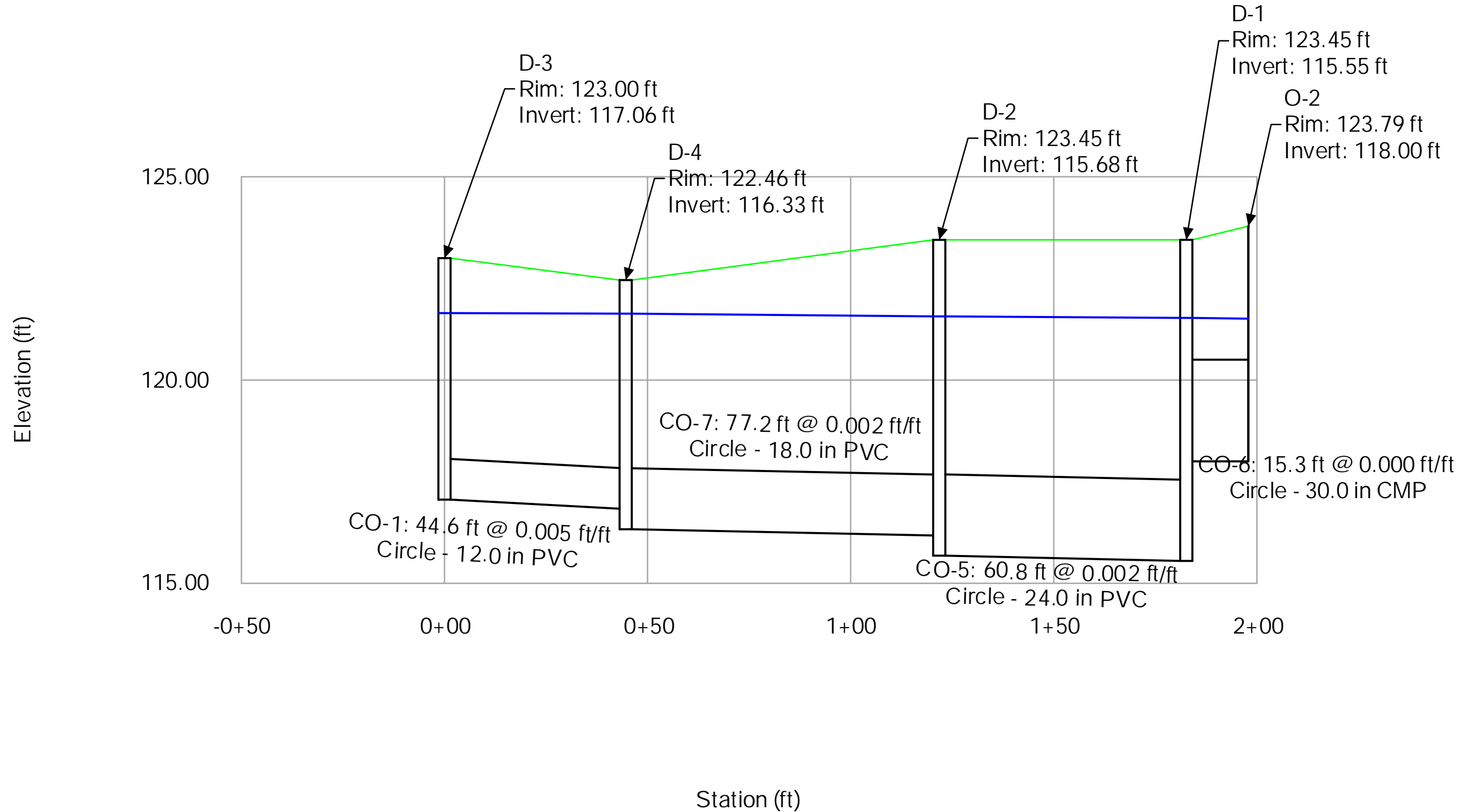
FlexTable: Conduit Table

Label	Start Node	Invert (Start) (ft)	Stop Node	Invert (Stop) (ft)	Slope (Calculated) (ft/ft)	Diameter (in)	Manning's n	Flow (cfs)	Velocity (ft/s)	Flow / Capacity (Design) (%)
CO-1	D-3	117.06	D-4	116.84	0.005	12.0	0.010	0.86	1.10	26.4
CO-6	D-1	118.00	O-2	118.00	0.000	30.0	0.024	7.98	1.63	3,593.5
CO-7	D-4	116.33	D-2	116.18	0.002	18.0	0.010	3.97	2.25	65.1
CO-5	D-2	115.68	D-1	115.55	0.002	24.0	0.010	7.32	2.33	55.6
CO-4	D-5	116.62	D-4	116.59	0.005	15.0	0.010	3.11	2.53	52.8

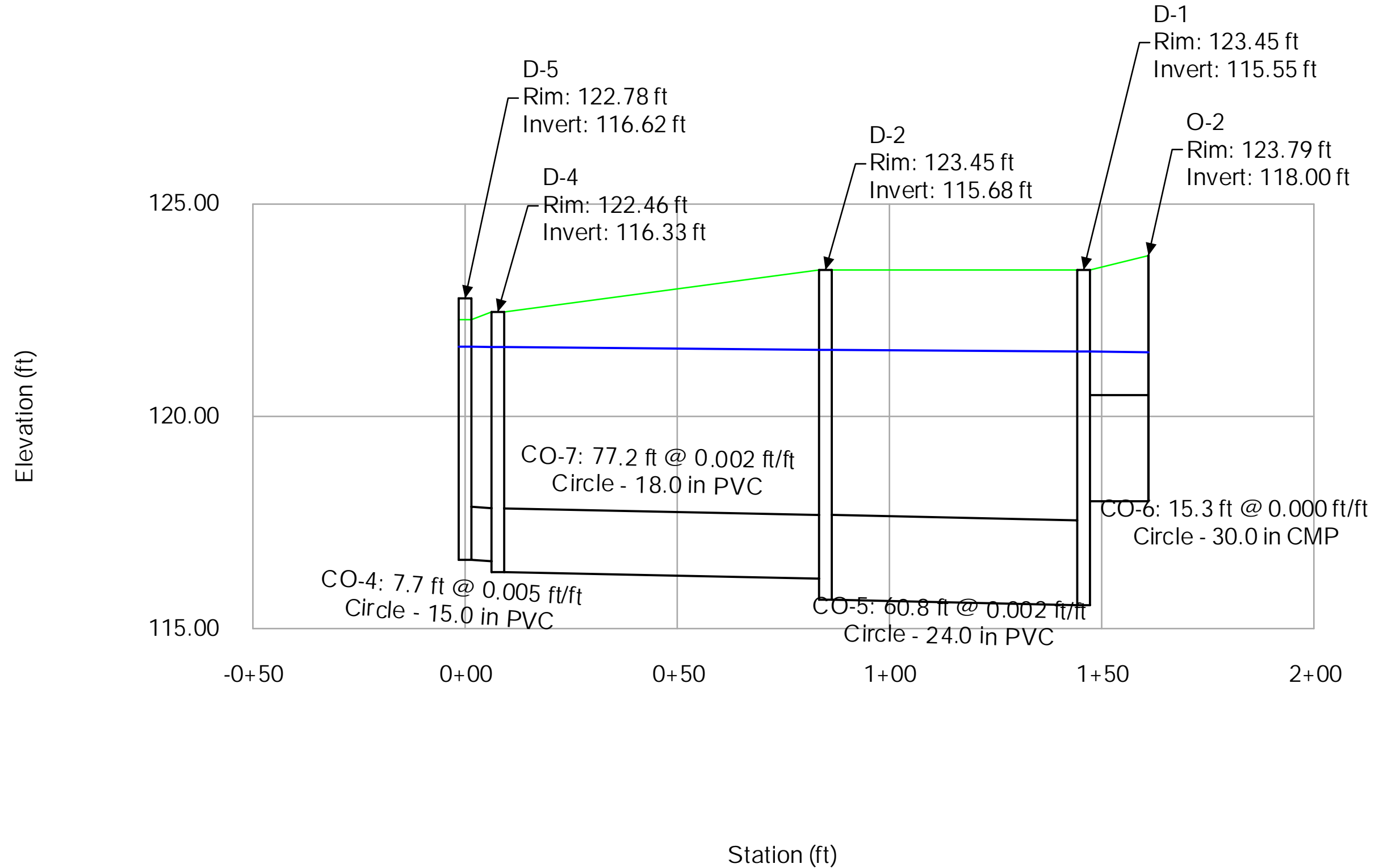
Conduit FlexTable: Combined Pipe/Node Report

Label	Start Node	Stop Node	Length (Unified) (ft)	System Intensity (in/h)	System CA (acres)	System Intensity (in/h)	System Rational Flow (cfs)	Rise (Unified) (ft)	Velocity (ft/s)	Invert (Start) (ft)	Invert (Stop) (ft)	Slope (Calculated) (ft/ft)
CO-1	D-3	D-4	44.6	10.350	0.083	10.350	0.86	1.00	1.10	117.06	116.84	0.005
CO-4	D-5	D-4	7.7	10.350	0.298	10.350	3.11	1.25	2.53	116.62	116.59	0.005
CO-5	D-2	D-1	60.8	10.344	0.702	10.344	7.32	2.00	2.33	115.68	115.55	0.002
CO-6	D-1	O-2	15.3	10.342	0.766	10.342	7.98	2.50	1.63	118.00	118.00	0.000
CO-7	D-4	D-2	77.2	10.347	0.381	10.347	3.97	1.50	2.25	116.33	116.18	0.002

Profile Report
 Engineering Profile - Profile - 1 (2023-02-12 - WDP - SW Hydraulics.stsw)



Profile Report
 Engineering Profile - Profile - 2 (2023-02-12 - WDP - SW Hydraulics.stsw)





**TOWN OF WINDERMERE
PUD FINAL/MAJOR DEVELOPMENT SITE PLAN
APPLICATION FORM**

TYPE or PRINT the following information:

Owner(s) <u>Windermere Downtown Property LLC</u>	Applicant/Agent <u>Trey Vick (V3 Capital Group)</u>
Address <u>9259 Point Cypress Dr.</u>	Address <u>496 S. Hunt Club Boulevard</u>
City <u>Orlando</u>	City <u>Apopka</u>
State <u>FL</u> Zip Code <u>32838</u>	State <u>FL</u> Zip Code <u>32703</u>
Phone <u>(407) 670-8048</u>	Phone <u>(407) 848-1663</u>
(Cell) <u>() N/A</u>	(Cell) <u>(321) 653-0454</u>
(Fax) <u>() N/A</u>	(Fax) <u>() N/A</u>
Email Address <u>landminus@aol.com</u>	Email Address <u>Trey@v3capital.com</u>

PROPERTY INFORMATION

17-23-28-9336-02-430; 17-23-28-9336-02-470;
17-23-28-9336-02-490; 17-23-28-9336-02-500;
Parcel Identification Number (Tax I.D. Number) 17-23-28-9336-02-510; 17-23-28-9336-02-520


Address (if available) E. 5th Ave., 516 & 522 Oakdale St., 119 E. 6th Ave., 527 & 517 Main St


Gross Acreage 2.17-acres **Developable Acreage** 2.17-acres (less water bodies/wetlands acreage)

Project Name (if any) Windermere Downtown Property

Submission of this application shall constitute the consent and agreement of the applicant and the owner to pay the out-of-pocket costs, or to reimburse the town for its payment of the out-of-pocket costs, incurred by the town directly in connection with the application, including the costs of town consultant fees, legal advertising, surveying, appraisals and other related costs. (Article XIII, LDC)

Owner and Applicant Signatures

Owner 
Date 05/02/2023

Applicant 
Date 05/02/2023

AGENT AUTHORIZATION FORM

I/WE, (PRINT PROPERTY OWNER NAME) Windermere Downtown Property, LLC, AS THE OWNER(S) OF THE REAL PROPERTY DESCRIBED AS FOLLOWS, Windermere Downtown Property, DO HEREBY AUTHORIZE TO ACT AS MY/OUR AGENT (PRINT AGENT'S NAME), John C. Vick III (V3 Capital Group), TO EXECUTE ANY PETITIONS OR OTHER DOCUMENTS NECESSARY TO AFFECT THE APPLICATION APPROVAL REQUESTED AND MORE SPECIFICALLY DESCRIBED AS FOLLOWS, All pertinent Orange County & D.O.H. Permitting & PUD FINAL AND MAJOR DEVELOPMENT SITE PLAN, AND TO APPEAR ON MY/OUR BEHALF BEFORE ANY ADMINISTRATIVE OR LEGISLATIVE BODY IN THE TOWN CONSIDERING THIS APPLICATION AND TO ACT IN ALL RESPECTS AS OUR AGENT IN MATTERS PERTAINING TO THE APPLICATION.

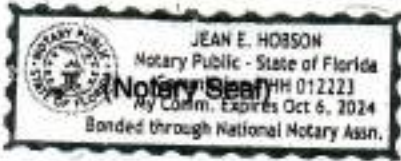
Date: 5/4/23 *[Signature]* Thomas J. Karr, Jr
 Signature of Property Owner Print Name Property Owner

Date: _____ Signature of Property Owner Print Name Property Owner

STATE OF FLORIDA :
 COUNTY OF Orange :

I certify that the foregoing instrument was acknowledged before me this 4th day of May, 2023 by Thomas J. Karr Jr. He/she is personally known to me or has produced as identification and did/did not take an oath.

Witness my hand and official seal in the county and state stated above on the 4th day of May, in the year 2023.



[Signature]
 Signature of Notary Public
 Notary Public for the State of Florida
 My Commission Expires: 10/6/2024

Legal Description(s) or Parcel Identification Number(s) are required:
PARCEL ID #:
17-23-28-9336-02-430; 17-23-28-9336-02-470; 17-23-28-9336-02-490; 17-23-28-9336-02-500; 17-23-28-9336-02-510; 17-23-28-9336-02-520
LEGAL DESCRIPTION:

Cornelius, Brad

From: Keith Silverman <keith@v3capital.com>
Sent: Tuesday, July 11, 2023 4:29 PM
To: Lena
Cc: Kit Chiu; Trey Vick; Brett Dargis; Cornelius, Brad; Daniel Floyd; Debra Neill; Don Neill; John Fitzgibbon; Marcus.Geiger@kimley-horn.com; Raheem Bishop; Warner, Amanda; pyeboone@yahoo.com
Subject: RE: 500 Block - Oakdale Wall Community meeting- Wall Options July 10th
Attachments: Windermere Downtown Property_Page_4.jpg

This message originated from outside of Wade Trim

Lena,
Please see attached, this version fills the gaps.

Keith Silverman
Associate
Development Manager
Office: 407-848-1663
Mobile: 321-474-9650
Email: Keith@v3capgroup.com
496 S. Hunt Club Boulevard
Apopka, FL 32703
www.v3capital.com



ORLANDO BUSINESS JOURNAL



2022 BEST PLACES TO WORK



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From: Lena <lenchana@gmail.com>
Sent: Tuesday, July 11, 2023 1:19 PM
To: Keith Silverman <keith@v3capital.com>

Cc: Kit Chiu <kitchiu.a@gmail.com>; Trey Vick <trey@v3capital.com>; Brett Dargis <brett@v3capital.com>; Cornelius, Brad <bcornelius@wadetrim.com>; Daniel Floyd <d@packetflo.com>; Debra Neill <debra2blue@hotmail.com>; Don Neill <diversifiedc@gmail.com>; John Fitzgibbon <jfitzgibbon@town.windermere.fl.us>; Marcus.Geiger@kimley-horn.com; Raheem Bishop <RBishop@scottcormia.com>; Warner, Amanda <AWARNER@wadetrim.com>; pyeboone@yahoo.com

Subject: Re: 500 Block - Oakdale Wall Community meeting- Wall Options July 10th

Sounds good, thanks for the heads up!

On Tue, Jul 11, 2023 at 12:56 PM Keith Silverman <keith@v3capital.com> wrote:

I haven't received the copy with the gaps filled but will have by tonight. If not, we will commit to getting you that plan as soon as I can get it from engineering.

Keith Silverman

Associate
Development Manager

Office: 407-848-1663

Mobile: 321-474-9650

Email: Keith@v3capgroup.com

496 S. Hunt Club Boulevard

Apopka, FL 32703

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From: Lena <lenchana@gmail.com>
Sent: Tuesday, July 11, 2023 10:28 AM

To: Keith Silverman <keith@v3capital.com>

Cc: Kit Chiu <kitchiu.a@gmail.com>; Trey Vick <trey@v3capital.com>; Brett Dargis <brett@v3capital.com>; Cornelius, Brad <bcornelius@wadetrim.com>; Daniel Floyd <d@packetflo.com>; Debra Neill <debra2blue@hotmail.com>; Don Neill <diversifiedc@gmail.com>; John Fitzgibbon <jfitzgibbon@town.windermere.fl.us>; Marcus.Geiger@kimley-horn.com; Raheem Bishop <RBishop@scottcormia.com>; Warner, Amanda <AWARNER@wadetrim.com>; pyeboone@yahoo.com

Subject: Re: 500 Block - Oakdale Wall Community meeting- Wall Options July 10th

Thank you for meeting with us yesterday, Keith.

Attached is the same plan that was presented to DRB/given to us yesterday -- unless I am missing something -- will you have time to amend before the meeting? Thanks --Elena

On Tue, Jul 11, 2023 at 9:16 AM Keith Silverman <keith@v3capital.com> wrote:

Thank you all for meeting last night. I'm working on the wall adjustments we discussed. I have attached the landscape plan and list to this email. The number of plants on the list will increase slightly as we move to cover the wall completely but species and size should remain unchanged. Again thank you for your time and look forwards to seeing you this evening.

Keith Silverman

Associate
Development Manager

Office: 407-848-1663

Mobile: 321-474-9650

Email: Keith@v3capgroup.com

496 S. Hunt Club Boulevard

Apopka, FL 32703

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From: Kit Chiu <kitchiu.a@gmail.com>

Sent: Monday, July 10, 2023 5:14 PM

To: Trey Vick <trey@v3capital.com>

Cc: Brett Dargis <brett@v3capital.com>; Cornelius, Brad <bcornelius@wadetrim.com>; Daniel Floyd <d@packetflo.com>; Debra Neill <debra2blue@hotmail.com>; Don Neill <diversifiedc@gmail.com>; Elena Larochelle <lenchana@gmail.com>; John Fitzgibbon <jfitzgibbon@town.windermere.fl.us>; Keith Silverman <keith@v3capital.com>; Marcus.Geiger@kimley-horn.com; Raheem Bishop <RBishop@scottcormia.com>; Warner, Amanda <AWARNER@wadetrim.com>; pyeboone@yahoo.com

Subject: Re: 500 Block - Oakdale Wall Community meeting- Wall Options July 10th

We will be there.

On Mon, Jul 10, 2023 at 5:04 PM Trey Vick <trey@v3capital.com> wrote:

Daniel,

We will be there and if raining we can likely run across the street of stand on the porch of the realty office. With the town meeting tomorrow this seems like the only day to connect before the meeting tomorrow.

SDG,

Trey Vick

Chief Executive Officer

Office: 407-848-1663

Mobile: 321-663-0454

Email: trey@v3capital.com

[496 S. Hunt Club Blvd.](#)

[Apopka, FL 32703](#)

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From: Daniel Floyd <d@packetflo.com>

Sent: Monday, July 10, 2023 4:43 PM

To: Keith Silverman <keith@v3capital.com>

Cc: Debra Neill <debra2blue@hotmail.com>; pyeboone@yahoo.com; Kit Chiu-Arunakul <kitchiu.a@gmail.com>; Don Neill <diversifiedc@gmail.com>; Elena Larochelle <lenchana@gmail.com>; John Fitzgibbon <jfitzgibbon@town.windermere.fl.us>; Brett Dargis <brett@v3capital.com>; Trey Vick <trey@v3capital.com>;

Raheem Bishop <RBishop@scottcormia.com>; Marcus.Geiger@kimley-horn.com; Cornelius, Brad <bcornelius@wadetrim.com>; Warner, Amanda <AWARNER@wadetrim.com>

Subject: Re: 500 Block - Oakdale Wall Community meeting- Wall Options July 10th

The weather is looking pretty terrible for an outside meeting. Is there a plan/place to meet somewhere inside? Or do we want to try another day?

Thanks,

On Fri, Jul 7, 2023 at 3:53 PM Keith Silverman <keith@v3capital.com> wrote:

They came back from the print shop with the wrong color codes so I have them being amended now. I'll bring printed options and send a digital copy out on Monday. The options will be very similar to what was presented at DRB, but no brick veneer options, just brick textures and some stone veneers on columns.

Keith Silverman

Associate Development Manager

Office: 407-848-1663

Mobile: 321-474-9650

Email: Keith@v3capgroup.com

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From: Debra Neill

<debra2blue@hotmail.com>

Sent: Friday, July 7, 2023 3:44 PM

To: Keith Silverman <keith@v3capital.com>; pyeboone@yahoo.com; Kit Chiu-Arunakul <kitchiu.a@gmail.com>; d@packetflo.com; Don Neill <diversifiedc@gmail.com>; Elena Larochelle <lenchana@gmail.com>

Cc: John Fitzgibbon <jfitzgibbon@town.windermere.fl.us>; Brett Dargis <brett@v3capital.com>; Trey Vick <trey@v3capital.com>; Raheem Bishop <RBishop@scottcormia.com>; Marcus.Geiger@kimley-horn.com; Cornelius, Brad <bcornelius@wadetrim.com>; Warner, Amanda <AWARNER@WadeTrim.com>

Subject: Re: 500 Block - Oakdale Wall Community meeting- Wall Options July 10th

Do you have photos that you can send of the four options?

Thank you,

Debra Neill

From: Keith Silverman <keith@v3capital.com>

Sent: Friday, July 7, 2023 3:28 PM

To: Debra Neill <debra2blue@hotmail.com>; pyeboone@yahoo.com <pyeboone@yahoo.com>; Kit Chiu-Arunakul <kitchiu.a@gmail.com>; d@packetflo.com <d@packetflo.com>; Don Neill <diversifiedc@gmail.com>; Elena Larochelle <lenchana@gmail.com>

Cc: John Fitzgibbon <jfitzgibbon@town.windermere.fl.us>; Brett Dargis <brett@v3capital.com>; Trey Vick <trey@v3capital.com>; Raheem Bishop <RBishop@scottcormia.com>; Marcus.Geiger@kimley-horn.com <Marcus.Geiger@kimley-horn.com>; Cornelius, Brad <bcornelius@wadetrim.com>; Warner, Amanda <AWARNER@WadeTrim.com>

Subject: RE: 500 Block - Oakdale Wall Community meeting- Wall Options July 10th

We will provide 4 options on the wall.

We have a brick texture on the precast wall rather than a veneer. It will be much lower maintenance and last much longer, but still look like brick.

Keith Silverman

Associate Development Manager

Office: 407-848-1663

Mobile: 321-474-9650

Email: Keith@v3capgroup.com

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From: Debra Neill

<debra2blue@hotmail.com>

Sent: Friday, July 7, 2023 3:19 PM

To: Keith Silverman <keith@v3capital.com>; pyeboone@yahoo.com; Kit Chiu-Arunakul <kitchiu.a@gmail.com>; d@packetflo.com; Don Neill <diversifiedc@gmail.com>; Elena Larochelle <lenchana@gmail.com>

Cc: John Fitzgibbon <jfitzgibbon@town.windermere.fl.us>; Brett Dargis <brett@v3capital.com>; Trey Vick <trey@v3capital.com>; Raheem Bishop <RBishop@scottcormia.com>; Marcus.Geiger@kimley-horn.com; Cornelius, Brad <bcornelius@wadetrim.com>; Warner, Amanda <AWARNER@WadeTrim.com>

Subject: Re: 500 Block - Oakdale Wall Community meeting- Wall Options July 10th

I will attend.

Do I understand correctly that the brick veneer for the wall is not an option due to cost?

Thank you,

Debra Neill

From: Keith Silverman <keith@v3capital.com>

Sent: Monday, July 3, 2023 5:07 PM

To: debra2blue@hotmail.com <debra2blue@hotmail.com>; pyeboone@yahoo.com <pyeboone@yahoo.com>; Kit Chiu-Arunakul <kitchiu.a@gmail.com>; d@packetflo.com <d@packetflo.com>

Cc: John Fitzgibbon <jfitzgibbon@town.windermere.fl.us>; Brett Dargis <brett@v3capital.com>; Trey Vick <trey@v3capital.com>; Raheem Bishop <RBishop@scottcormia.com>; Marcus.Geiger@kimley-horn.com <Marcus.Geiger@kimley-horn.com>; Cornelius, Brad <bcornelius@wadetrim.com>; Warner, Amanda <AWARNER@WadeTrim.com>

Subject: Re: 500 Block - Oakdale Wall Community meeting- Wall Options July 10th

Good Evening all,

I hope everyone is preparing for their 4th of July cookouts!

I'd like to invite you all to a neighborhood meeting on Oakdale to discuss some wall finish options for July 10th at 5:30PM. We will bring along some more finish options and color combinations. Please let me know if you can make it, looking forward to seeing you all.

Keith Silverman

Associate Development Manager

Office: 407-848-1663

Mobile: 321-474-9650

Email: Keith@v3capgroup.com

[496 S. Hunt Club Boulevard](#)

[Apopka, FL 32703](#)

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From: Keith Silverman

Sent: Thursday, March 30, 2023 9:47 AM

To: debra2blue@hotmail.com <debra2blue@hotmail.com>; kitchin.a@gmail.com <kitchin.a@gmail.com>; pyeboone@yahoo.com <pyeboone@yahoo.com>

Cc: John Fitzgibbon <jfitzgibbon@town.windermere.fl.us>; Brett Dargis <brett@v3capital.com>; Trey Vick <trey@v3capital.com>; Raheem Bishop <RBishop@scottcormia.com>; Marcus.Geiger@kimley-horn.com <Marcus.Geiger@kimley-horn.com>

Subject: 500 Block - Oakdale Wall Community meeting

Good Morning Oakdale Neighbors,

Members of the V 3 team will be on site at the 500 block at 5:30pm on April 14th.

We will have some panels cut to different heights to help you all get a better idea of the visibility of the parking area. I'll also bring along a materials board to help illustrate a few options for the wall finish. please email specific questions on this chain and I will do my best to answer them or bring an answer on the 14th.

Looking forward to seeing you all. Please share this invitation with neighbors on oakdale!

Sincerely,

Keith Silverman

Development Coordinator

V 3 Capital Group

[496 S. Hunt Club Boulevard](#)

[Apopka, FL 32703](#)

O: (407) 848-1663

C: (321) 474-9650

keith@v3capgroup.com

www.v3capgroup.com

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--

Thanks,

--

Elena LaRochelle
Dalton Wade INC
T. [407-443-4311](tel:407-443-4311)
E. lenchana@gmail.com

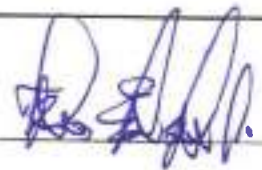
--

Elena LaRochelle
Dalton Wade INC
T. [407-443-4311](tel:407-443-4311)
E. lenchana@gmail.com

RECOMMEND - Downtown Windermere Properties Final FUD and Major Site Plan

APPROVAL: DISAPPROVAL:

COMMENTS: No Problem with This change

SIGNATURE: 

DATE: 6/19/2023

GARDNER THOMAS EDISON JR

RECOMMEND -- Downtown Windermere Properties Final PUD and Major Site Plan

APPROVAL: DISAPPROVAL:

COMMENTS: _____

I TRUST THE ESTETICS WILL FIT INTO
THE WINDERMERE LOOK AND FEEL

SIGNATURE: _____

John A. ...

DATE: _____

6-16-23

VISELLI MARK W

RECOMMEND - Downtown Windermere Properties Final PUD and Major Site Plan

APPROVAL: X DISAPPROVAL _____

COMMENTS: _____

WOULD BE HELPFUL TO SEE A
RENDERING OF THE DESIGN, BUT YOU MAY NOT
HAVE ONE, I GUESS

SIGNATURE: _____



DATE: 4/14/23

OAKDALE 636 LLC

RECOMMEND - Downtown Windermere Properties Final PUD and Major Site Plan

APPROVAL: _____ DISAPPROVAL:

COMMENTS: _____

This is a residential neighborhood, already dealing with terrible traffic problems. This will bring more traffic on our streets and push parking on Oakdale + Magnolia.

SIGNATURE: [Signature] DATE: 6/14/23

DROPHY NORA FRANCES

RECOMMEND - Downtown Windermere Properties Final PUD and Major Site Plan

APPROVAL: _____ DISAPPROVAL: X

COMMENTS: I believe it will have negative

consequences for the historic character and
property values. Windermere is a town that values
old time, charm & unique character. Best traffic
is useful so we don't need to invest in more.

SIGNATURE: Sandra K DATE: 10/13/23

GEE SANDRA K

RECOMMEND - Downtown Windermere Properties Final PUD and Major Site Plan

APPROVAL: _____ DISAPPROVAL: X

COMMENTS: Totally ruins
the quaintness, beauty
& charm of Oakdale St.

SIGNATURE: James Nykamp DATE: 6/23/23

NYKAMP JAMES P

RECOMMEND Downtown Windermere Properties Final PUB and Major Site Plan

APPROVAL: _____ DISAPPROVAL

COMMENTS: _____

Not a good plan for downtown Windermere.

SIGNATURE: *Mary Ellen Stone*

DATE: *June 23, 2023*

STONE, MARY ELLEN



**TOWN OF WINDERMERE
EXECUTIVE SUMMARY**

SUBJECT: Debris Monitoring & Public Assistance Consulting Services

REQUESTED ACTION: Staff Recommends Approval

- Work Session (Report Only)
- Regular Meeting

DATE OF MEETING: August 8, 2023

Special Meeting

CONTRACT: N/A

Vendor/Entity: Rostan Solutions, LLC

Effective Date:

Termination Date:

Managing Division / Dept:

Public Works

BUDGET IMPACT: TBD by event

- Annual
- Capital
- N/A

FUNDING SOURCE: Reserves

EXPENDITURE ACCOUNT: _____

HISTORY/BACKGROUND/RECOMMENDATIONS:

Mayor & Council,

History

Windermere, as with all Counties and Cities in Florida experiences severe weather events - from localized to wide spread. Recent Hurricane Irma is a reminder of how intense of an impact one event can have to our area. And one of the largest financial impacts that an agency can suffer is the cost for debris removal and/or infrastructure repair.

Background

When an event is declared a State or National Disaster, State and Federal funds may be applied for to reimburse local agencies for a percentage of their cost for the cleanup and/or repair the damages that occurred to their infrastructure as a result of the event. In order to apply for the funds, accurate tracking and itemized documentation of the time, amount and cost incurred is imperative. Having a vendor that is experienced in specific debris monitoring documentation and recovery is parallel in the streamlining of the reimbursement process.

Recommendation

Bids were solicited thru RFP #2023-02 Debris Monitoring & Public Assistance Consulting Services via DemandStar and the Town website.

Two vendors submitted to this RFP:

1. Rostan Solutions, LLC
2. Disaster Program and Operations

Rostan Solutions, LLC is experienced in the Town and is knowledgeable about our unique footprint as the monitoring company that documented our removal process during Hurricane Irma and Ian. They were very responsive to all our needs and provided daily electronic reporting and post event follow up.

For this, Staff recommends that the town contract with Rostan Solutions, LLC as the debris monitoring and public assistance consulting services company for emergency disaster events.



THE TOWN OF WINDERMERE

REQUEST FOR PROPOSALS

for

RFP #2023-02 DEBRIS MONITORING & PUBLIC

ASSISTANCE CONSULTING SERVICES

RFP# 2023-02

DUE: June 30, 2023
3:00 p.m.

Deliver or mail responses to:
Tonya Elliott Moore, Public Works Director
Town of Windermere
614 Main Street
Windermere, FL 34786

REQUEST FOR PROPOSALS (RFP)
for
DEBRIS MONITORING & PUBLIC ASSISTANCE CONSULTING SERVICES

The Town of Windermere, FL (Town) invites qualified firms (Respondent) to respond to this Request for Proposals (RFP) to provide Disaster Debris Monitoring & Public Assistance Services.

Overview

The Town is seeking to enter into a stand-by agreement with a qualified firm to provide post-disaster Debris Monitoring and Public Assistance Consulting Services.

All services shall comply with current FEMA guidance and local, State, and Federal regulations. A comprehensive scope of work is included as Attachment B.

SBE/MBE Participation

Please note that the Town encourages the participation of small business enterprises (SBEs) and/or minority business enterprises (MBEs) in this procurement.

Term

Upon acceptance of the terms by both the Respondent and the Town, The Town intends to enter into a three (3) year contract term with an option to renew for an additional two (2) years thereafter (or 60 months). Renewals will be mutually agreed upon prior to the expiration of the original term, incorporating the same terms and conditions as the original agreement.

Submittal Requirements

Respondents desiring to provide services, as described in the scope of services, shall submit one (1) original bound, one (1) original unbound and one (1) digital copy (USB) of their proposal no later than:

3:00 p.m. on June 30, 2023 at the following location:
**614 Main Street, Windermere, Florida 34786 – Town Administrative
Offices**

Offers by telephone or telegram shall not be accepted. Also, proposers are instructed NOT to fax their proposal. Faxed proposals shall be rejected as non-responsive regardless of where the fax is received.

Respondents are cautioned that they are responsible for delivery to the specific location cited above. Therefore, if your proposal is delivered by an express mail carrier or by any other means, it is your responsibility to ensure delivery to the above address. This office will not be responsible for deliveries made to any place other than the specified address.

It is the sole responsibility of the bidder to ensure that his or her proposal reaches the Town. The time and date for receipt of proposals will be strictly observed. Any proposals received after the submittal deadline will be deemed non-responsive and returned to the Respondent unopened.

Questions/Inquiries

The Town will accept inquiries or questions regarding the contents of this RFP until one (1) week prior to the submittal deadline. Answers to questions will be addressed through addenda and issued no later than four (4) days prior to the submittal deadline. If the Town is unable to provide answers in a timely manner, the submittal deadline may be extended as necessary.

Inquiries and Questions should be directed to the following contact:

Tonya Elliott Moore, Public Works Director – tmoore@town.windermere.fl.us

Minimum Qualifications

The Respondent must demonstrate the following:

1. The proposer must demonstrate experience managing hurricane debris monitoring projects for at least five government entities involving a minimum of 100,000 cubic yards of debris for each client in the past 5 years.
2. Documented knowledge and experience of Federal, State and Local emergency agencies, state and federal programs, funding sources and reimbursement processes.
3. Experience with special disaster recovery program management services including private property/right-of-entry (ROE) work, waterways clean-up and reimbursement, FEMA appeals processing, hauler invoice reconciliation and contracting.
4. Ability to provide and Automated Debris Management System (ADMS) to capture debris removal and disposal efforts.
5. Respondent must be prepared to deploy debris monitors within 72 hours from notice to proceed. When additional debris monitoring personnel are needed to meet requirements of the contract, Respondent shall increase the number of debris monitors as needed.

Proposal Format

The Proposal should be limited to no more than 50 pages (exclusive of required forms) and address the following criteria in an organized, easily identifiable manner:

1. Cover Letter – Provide a cover letter that included a brief introduction to the Respondent, why the Respondent believes they are uniquely qualified to provide the requested services, and contact information for the Respondent's primary point of contact.
2. Table of Contents – Provide a table of contents that identifies each section and sub-section of the Respondents proposal.
3. Experience and Key Personnel – Provide detailed description of projects the Respondent has completed for services similar to those request in this RFP. Identify key personnel, including an organizational chart and concise resumes for those individuals anticipated to serve the Town on behalf of the Respondent.
4. Qualifications – Provide evidence that the firm meets the minimum qualifications required by this RFP and include a minimum of 3 references from clients whom the Respondent has

provided similar services in the past 5 years. Please include the name of the client, contact information, contract term and value, and the amount of debris monitored. References from Florida clients are preferable.

5. Project Understanding and Approach – Provide a comprehensive understanding of the solicited services and the Respondent’s approach to providing these services.
6. Debris Management Systems and Training Manual – Provide a description of the ADMS system proposed for use in tracking debris collection and disposal operations. Include a copy of a debris monitoring training manual.
7. Form of Contract – The form of the Contract to be used by the Town is attached hereto as Attachment A along with Exhibits A – E. The Respondent must include a statement that it has reviewed Attachment A and Exhibits A – E and agrees to be bound by the terms and conditions. The contract terms and conditions in Attachment A and Exhibits A – E are not negotiable.
8. Complete and submit with the Proposal the following forms:
 - a. Fee Schedule – Exhibit D to Attachment A
 - b. Drug Free Workplace Certification – Attachment B
 - c. Equal Employment Opportunity Certification – Attachment C
 - d. Non-Collusion Oath – Attachment D
 - e. Good Faith Affidavit – Attachment E

Selection Criteria

The following weighted criteria will be utilized to select the Respondent awarded this contract.

Key Personnel and Past Project Experience	25
Qualifications of the Firm	20
Project Understanding and Approach	25
Management Systems / Training Manual	10
Cost Proposal/Unit Rates	20
TOTAL	100

Presentations

Presentations from the top-ranked respondents may be requested at the Town’s discretion if the Town is unable to determine an awardee based on proposal alone.

Terms and Conditions

The Town reserves the right to accept or reject any or all proposals, with or without cause, to waive technicalities, or to accept the proposal which, in its sole judgment, best serves the interest of the Town, or to award a contract to the next most qualified proposer if the successful offer fails to execute a contract within (10) days of approval by the Town.

The Town reserves the right to request clarification of information submitted and to request additional information of one or more Respondents.

Any proposal may be withdrawn until the date and time set above for the submission of the proposals. Any proposal not so withdrawn shall constitute an irrevocable offer, for a period of thirty (30) days, to provide to the Town the services set forth in this RFP, or until one or more of the Respondents have been awarded.

Costs of preparation of a response to this request for proposals are solely those of the proposer. The Town assumes no responsibility for any such costs incurred by the proposer. The proposer also agrees that the Town bears no responsibility for any costs associated with any administrative or judicial proceedings resulting from the solicitation process.

The contractor awarded this contract shall maintain adequate records to justify all charges, expenses, and costs incurred in estimating and performing the work for at least five (5) years after completion of the contract resulting from this RFP. The Town shall have access to all records, documents and information collected and/or maintained by others in the course of the administration of the agreement. This information shall be made accessible at the awardees place of business to the Town, for purposes of inspection, reproduction and audit without restriction.

Attachments and Exhibits:

Attachment A – Contract Agreement for Debris Monitoring & Public Assistance Consulting Services

- **Exhibit A to Attachment A** – Respondent’s Response to the RFP
- **Exhibit B to Attachment A** – Scope of Work
- **Exhibit C to Attachment A** -- Additional FEMA Contractual Provisions
- **Exhibit D to Attachment A** – Fee Schedule
- **Exhibit E to Attachment A** – Certification Regarding Lobbying (Byrd Anti-Lobbying)

Attachment B -- Drug Free Workplace Certification

Attachment C – Equal Employment Opportunity Certification

Attachment D – Non-Collusion Oath

Attachment E – Good Faith Affidavit

ATTACHMENT A
CONTRACT AGREEMENT FOR

EXHIBIT A TO ATTACHMENT A

CONTRACTOR'S RESPONSE

to

RFP #2023-02 DEBRIS MONITORING & PUBLIC ASSISTANCE CONSULTING SERVICES

EXHIBIT B TO ATTACHMENT A

SCOPE OF WORK

EXHIBIT C TO ATTACHMENT A
ADDITIONAL FEMA CONTRACT PROVISIONS

EXHIBIT D TO ATTACHMENT A

FEE SCHEDULE

Debris Monitoring Operations		
Description	Unit	Rate per Hour
Project Manager	Hour	
Operations Manager	Hour	
Field Supervisor	Hour	
Tower Monitor	Hour	
Field Monitor	Hour	
Clerical / Administrative Assistant	Hour	
Data/GIS Specialist	Hour	
Environmental Specialist	Hour	
Billing/Invoice Analyst	Hour	
FEMA Specialist	Hour	
Public Assistance/Grants Management		
Description	Unit	Rate per Hour
Program Manager	Hour	
Grants Management Consultant	Hour	
Consultant/Scientist/Planner/Engineer	Hour	
Benefit Cost Analysis Specialist	Hour	
GIS / HAZUS Specialist	Hour	
Field Technician	Hour	
Administrative Specialist	Hour	

***Additional Public Assistance/Grants Management roles/rates may be provided if necessary. Each additional role must include a detailed description of the services to be provided.

EXHIBIT E TO ATTACHMENT A

CERTIFICATION REGARDING LOBBYING (BYRD ANTI-LOBBYING)

ATTACHMENT B

DRUG FREE WORKPLACE CERTIFICATION

ATTACHMENT C

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

ATTACHMENT D
NON-COLLISION OATH

ATTACHMENT E
GOOD FAITH AFFIDAVIT



AGREEMENT FOR DEBRIS MONITORING & PUBLIC ASSISTANCE CONSULTING SERVICES
between
THE TOWN OF WINDERMERE
and

This Agreement is dated _____, 2023 (the “Effective Date”) and is between the **Town of Windermere, Florida**, a municipal corporation chartered and operating under the laws of the State of Florida (the “Town”), and _____ **[business name]**, a _____ **[type of corporation/company]**, (the “Contractor”).

The Town issued **RFP #2023-02 Debris Monitoring & Public Assistance Consulting Services** (the “RFP”), pursuant to which the Town has selected the Contractor to perform some or all of the services set forth in the RFP.

The Town and the Contractor therefore agree as follows:

1. **Scope of Services; Agreement Documents.**

a. The Contractor shall diligently and timely perform the Scope of Services requested by the Town in **Exhibit B** under the terms of this Agreement and the Exhibits hereto. The Town may request changes or amendments to the Scope of Services. Such changes will not be binding unless mutually agreed to in writing and signed by the Town and the Contractor.

b. This Agreement, together with **Exhibits A-E** attached hereto and all of which are incorporated herein by this reference, shall comprise the entire Agreement. This Agreement and the following attachments shall together be referred to as the “Agreement Documents”:

- **Exhibit A** – Contractor’s Response to the RFP
- **Exhibit B** – Scope of Work
- **Exhibit C** -- Additional FEMA Contractual Provisions
- **Exhibit D** – Fee Schedule

➤ **Exhibit E – Certification Regarding Lobbying (Byrd Anti-Lobbying)**

Upon discovery the Town or the Contractor shall promptly notify the other in writing of any conflicts, ambiguities, inconsistencies, errors, or omissions in, between or among any of Agreement Documents and shall cooperate in effecting a resolution. In the event the parties disagree regarding the resolution, the Town shall make the final determination regarding which document and which terms and conditions govern.

2. **Term.** The initial term of this Agreement shall be for there (3) years, beginning on the Effective Date and ending on _____. This Agreement may, by mutual written agreement of the parties, be extended for two (2) additional years.

3. **Payment.** The Contractor is to provide with each invoice submitted to the Town, a detailed daily description of all work occurred, including, but not limited to, all hauling load/trip tickets - separated in an electronic format capable of saving and sending in a common electronic means, i.e., excel spreadsheet. All invoices received by the Town are payable within thirty days from the date of receipt, provided they have first been approved by the Town Manager or his designee. The amount of payment shall be based on the approved fee schedule attached hereto as **Exhibit D**.

4. **Taxes.** The Contractor shall pay all federal, state, and local taxes, to include sales tax, social security, workman's compensation, unemployment insurance, and other required taxes which may be chargeable against labor, material, equipment, real estate and any other items necessary to and in the performance of this Agreement.

5. **Termination for Convenience.** The Town may for any reason whatsoever terminate this Agreement upon ten days written notice to the Contractor. In the event of termination, the Contractor shall cease work and shall deliver to the Town all documents, including reports, surveys, plans, tracings, specifications, and all other data and material prepared or obtained by the Contractor in connection with this Agreement. The Town shall, upon delivery of the aforesaid documents, pay the Contractor for work completed through the date of termination and which is approved by the Town. Payment for work completed will constitute payment in full for services performed by Contractor.

6. **Indemnification and Limitation of Liability.**

a. The Contractor shall defend, indemnify, and hold harmless the Town, its officers, directors, agents, contractors, employees, and council members from and against all claims, damages, losses, and expenses, (including but not limited to fees and charges of attorneys or other professionals and court and arbitration or other dispute resolution costs) arising out of or resulting from: (i) the performance of services by the Contractor or any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable, (ii) breach of the terms of this Agreement by the Contractor or any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable, (iii) violations of applicable law by any person or organization directly or indirectly employed by the

Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable, (iv) disease or death of third parties (including Town employees and agents and those of the Contractor), or (v) damage to property to the extent attributable to the negligence or willful misconduct of the Contractor or any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable.

b. The Contractor expressly waives all claims against the Town, and its officers, directors, agents, contractors, employees, and council members for any loss, damage, personal injury or death occurring as a consequence of the Contractor's activities or the performance of services under this Agreement.

c. In no event shall the Town be liable to the Contractor for indirect, special, or consequential damages, including, but not limited to, loss of revenue, loss of profit, cost of capital, or loss of opportunity regardless of whether such liability arises out of contract, tort (including negligence), strict liability, or otherwise.

d. The Town shall not assume any liability for the acts, omissions, or negligence of the Contractor its agents, servants, employees, or subcontractors. In all instances, the Contractor shall be responsible for any injury or property damage resulting from any activities conducted by the Contractor.

e. The Town's limits of liability are set forth in Section 768.28 of the Florida Statutes, and nothing herein shall be construed to extend the liabilities of the Town beyond that provided in Section 768.28 of the Florida Statutes. Nothing herein is intended as a waiver of Town's sovereign immunity under Section 768.28 of the Florida Statutes. Nothing hereby shall inure to the benefit of any third party for any purpose, including but not limited to anything which might allow claims otherwise barred by sovereign immunity or operation of law.

7. Insurance.

a. The Contractor shall, at its expense, procure and maintain during the term of this Agreement insurance approved by Town of the following types or such other insurance as the Town may require from time to time:

- (1) **Worker's Compensation:** statutory benefits, as required by law.
- (2) **Employer's Liability:** limits of One Hundred Thousand Dollars (\$100,000) bodily injury by accident, injury and disease, and a Five Hundred Thousand Dollar (\$500,000) policy aggregate limit.
- (3) **Comprehensive General Liability:** in an amount of at least One Million Dollars (\$1,000,000.00) for injuries, including but not limited to wrongful and accidental death per person and Five Million Dollars (\$5,000,000.00) for any one accident, and property damage insurance in an amount of at least One Million Dollars (\$1,000,000.00).
- (4) **Comprehensive Automobile Liability:** in an amount of at least One Million Dollars (\$1,000,000.00) bodily injury for each person and Five

Million Dollars (\$5,000,000.00) for each occurrence and One Million Dollars (\$1,000,000.00) Property Damage for each accident.

- (5) **Professional Liability/Errors and Omissions:** One Million Dollars (\$1,000,000.00), with a maximum deductible of One Hundred Thousand Dollars (\$100,000.00). The errors and omissions policy shall be in effect and shall insure against the Consultant's negligent acts, errors or omissions relating to the services performed under this Agreement. Consultant shall include the Town as an additional insured under the policy terms and conditions.

b. On or before the Effective Date, the Contractor shall furnish the Town certificates of insurance evidencing compliance with the coverage requirements in this section and allowing thirty days written notice of any change, cancellation, or non-renewal. The certificates must contain the following words: "*Should any of the above described policies be canceled before the expiration date, the issuing company will mail a thirty day notice to the certificate holder named herein.*" Thereafter the Contractor shall provide, annually, certificates evidencing that such insurance remains in effect to the extent required under this Agreement.

8. **Compliance with Federal, State, and Local Laws.** The Contractor shall comply with all applicable federal, state, and local laws and ordinances.

9. **Ownership of Documents.** All documents, including detailed reports, plans, original tracings, specifications, and all other data, prepared or obtained by the Contractor in connection with the services hereunder shall be delivered to, and shall become the property of the Town prior to the final payment to or upon completion of work by the Contractor.

10. **Public Records.** To the extent Contractor is acting on behalf of the Town as provided under Subsection 119.011(2) of the Florida Statutes, Contractor shall:

- (1) Keep and maintain public records required by the Town to perform the services under this Agreement.
- (2) Upon request from the Town's custodian of public records, provide the Town with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119 of the Florida Statutes or otherwise provided by law.
- (3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if the Contractor does not transfer the records to the Town.
- (4) Upon completion of the Agreement, transfer, at no cost, to the Town all public records in possession of Contractor or keep and maintain public records required by the Town to perform the service. If the Contractor transfers all public records to the Town upon completion of the Agreement, the Contractor shall destroy any duplicate public records

that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the Agreement, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the Town, upon request from the Town's custodian of public records, in a format that is compatible with the information technology systems of the Town.

b. If the Contractor fails to provide the public records to the Town within a reasonable time the Contractor may be subject to penalties under Section 119.10 of the Florida Statutes. Further, the Town may exercise any remedies at law or in equity, including, without limitation, the right to (i) impose sanctions and assess financial consequences, (ii) withhold and/or reduce payment, and (iii) terminate this Agreement in accordance with the terms hereof.

c. **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE TOWN'S CUSTODIAN OF PUBLIC RECORDS AT (407-876-2563 X 5323, DBURKHALTER@TOWN.WINDERMERE.FL.US, 614 MAIN STREET, WINDERMERE, FLORIDA 34786.**

11. **Ambiguities.** Both parties have been allowed equal input regarding the terms and wording of this Agreement and have had the benefit of consultation with legal counsel prior to its execution, such that all language herein shall be construed equally against the parties, and no language shall be construed strictly against its drafter.

12. **Headings.** The headings or captions of sections or paragraphs used in this Agreement are for convenience of reference only and are not intended to define or limit their contents, nor are they to affect the construction of or to be taken into consideration in interpreting this Agreement.

13. **Modification; Waiver.** No provision of this Agreement may be modified, waived, or discharged unless that modification, waiver, or discharge is agreed to in writing signed by both parties, and if necessary, approved by the Town Council of the Town of Windermere. No waiver by either party of any breach of this Agreement by the other party will constitute a waiver of any other breach occurring at the same time or before or after.

14. **Severability.** If any provision of this Agreement is found by a court of competent jurisdiction to be invalid or unenforceable to any extent, the remainder of this Agreement shall not be affected thereby and shall remain enforceable to the greatest extent permitted by law.

15. **Governing Law; Venue.** This Agreement shall be governed by and construed in accordance with laws of the State of Florida, and venue for any action arising out of or related to

this Agreement shall be in the Circuit Court for the Ninth Judicial Circuit in Orange County, Florida.

16. **Entire Agreement.** This Agreement contains the entire agreement of the parties with respect to the services to be performed under the RFP. Previous agreements and understandings of the parties with respect to such matters are null and void and of no effect.

17. **Notices.**

a. For a notice, or other communication, under this Agreement to be valid, it must be in writing and signed by the sending party, and the sending party must use one of the following methods of delivery: (1) personal delivery; (2) registered or certified mail, in each case return receipt requested and postage prepaid; and (3) nationally recognized overnight courier, with all fees prepaid. Delivery via facsimile, or email, is also permitted provided it is followed by delivery via one of methods (1)-(3) above and any such delivery via facsimile or email shall not be deemed to have been received pursuant to subsection 17.c. until such delivery pursuant to methods (1)-(3) above shall be deemed to have been received pursuant to Section 17.c.

b. For a notice, or other communication, under this Agreement to be valid, it must be addressed to the receiving party at the addresses listed below for the receiving party, or to any other address designated by the receiving party in a notice in accordance with this Section 17.

As to Town:

Town of Windermere
Robert Smith, Town Manager
Town of Windermere
614 Main Street
Windermere, Florida 34786
rsmith@town.windermere.fl.us
407-876-2563 x 5324

As to Contractor:

c. Subject to Section 17.d., a valid notice or other communication under this Agreement is effective when received by the receiving party. A notice, or other communication, is deemed to have been received as follows:

- (1) if it is delivered in person, or sent by registered or certified mail, or by nationally recognized overnight courier, upon receipt as indicated by the date on the signed receipt; and

(2) if the receiving party rejects or otherwise refuses to accept it, or if it cannot be delivered because of a change in address for which notice was not given, then upon that rejection, refusal, or inability to deliver.

d. If a notice or other communication is received after 5:00 p.m. on a business day at the location specified in the address for the receiving party, or on a day that is not a business day, then the notice is deemed received at 9:00 a.m. on the next business day.

e. Any notice requiring prompt action shall be contemporaneously sent by facsimile transmission or electronic mail.

18. **Assignability**. The Contractor shall not assign any interest in this Agreement, and shall not transfer any interest in same, whether by assignment or novation, without the prior written approval of the Town.

19. **Independent Contractor**. The Contractor is and shall remain an independent contractor and not an employee of the Town.

Authorized parties are signing this Agreement as of the Effective Date stated in the introductory clause.

Town of Windermere:

_____ :

By: _____
Name: Robert Smith
Title: Town Manager

By: _____
Name: _____
Title: _____

Exhibit A – Contractor’s Response to the RFP

Exhibit B – Scope of Work

Exhibit C -- Additional FEMA Contractual Provisions

Exhibit D – Fee Schedule

Exhibit E – Certification Regarding Lobbying (Byrd Anti-Lobbying)

APPENDIX A, 44 C.F.R. PART 18 – CERTIFICATION REGARDING LOBBYING (Byrd Anti-Lobbying)

**Certification for Contracts, Grants, Loans, and Cooperative Agreements
(To be submitted with each bid or offer exceeding \$100,000)**

The undersigned [Contractor] certifies, to the best of his or her knowledge, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.
 - 1.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, _____, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.

Signature of Contractor’s Authorized Official _____

Name and Title of Contractor’s Authorized Official _____

Date _____

RFP 2023-02 Debris Monitoring		
Fee Schedule	Rostan (6/30/23@9:57am)	Disaster Program & Operations (6/30/23 @9:57am)
Project Manager (hourly)	\$90	\$95
Operation Manager (hourly)	\$80	\$80
Field Supervisor (hourly)	\$50	\$40
Tower Monitor	\$37	\$32
Field Monitor	\$37	\$32
Clerical/Administrative	\$30	\$35
Data/GIS Specialist	\$75	\$65
Environment Specialist	\$65	\$90
Billing/ Invoice Analyst	\$30	\$50
FEMA	\$115	\$75
Public Assistance Grants Management		
Program Manager	\$175	\$125
Grants Management Consultant	\$155	\$75
Consultant Scientist Planner /Engineer	\$135	\$135
Benefit Cost Analysis	\$140	\$75
GIS/HAZUS Specialist	\$125	\$70
Field Technician	\$70	\$50
Administrative Specialist	\$50	\$45



DEBRIS MONITORING & PUBLIC ASSISTANCE CONSULTING SERVICES



RFP #2023-02 | June 30, 2023



Photo Courtesy: NOAA



DEBRIS MONITORING & PUBLIC ASSISTANCE CONSULTING SERVICES FOR THE TOWN OF WINDERMERE, FLORIDA



SUBMITTED BY

ROSTAN SOLUTIONS, LLC

3433 Lithia Pinecrest Road
Suite 287

Valrico, Florida 33596

Travis Mays, Vice President

Office: 813.333.7042

Mobile: 713.823.2002

Fax: 813.333.7330

Email: tmays@rostan.com

Website: www.rostan.com

**DOCUMENT
COPY**

ROSTAN
SOLUTIONS



June 30, 2023

Town of Windermere
Department of Public Works
Attn: Tonya Elliott Moore, Director
614 Main Street
Windermere, Florida 34786

Re: RFP # 2023-02 — Debris Monitoring & Public Assistance Consulting Services

Dear Ms. Moore and Selection Committee Members,

It is with great pleasure that Rostan Solutions, LLC (hereinafter, Rostan) submits our proposal in response to the Town of Windermere’s (hereinafter, Town) request for proposals for debris monitoring and public assistance consulting services. Rostan has held the distinguished honor of serving the Town in this capacity for more than five years and strongly desires to maintain an ongoing partnership with the Town. While we hope to never activate, our core personnel have remained consistent throughout the years, and should we be called into service, the Town will find familiar faces in the room.

Our mission is to promote and implement responsible solutions to ensure communities are better prepared to respond to, and expeditiously recover from, disaster events.

FLORIDA PRESENCE

Rostan is a Florida-domiciled disaster consulting firm that started in the late 1990’s as a service line under Malcolm Pirnie, Inc. in Ybor City (Tampa Bay area). Formed as a wholly owned subsidiary in 2006, Rostan was purchased as part of an acquisition by Arcadis-US, Inc in 2009. In 2013 Rostan was divested, becoming a private, independent firm. In more than 20 years serving in the industry, Rostan has held contracts with clients in more than 23 Florida counties and has been activated by multiple Florida communities following every declared disaster since 2004.

Rostan’s President, Executive Vice President, Vice President – Consulting Services, and Director of Monitoring Operations are all Florida residents and will be available to provide high-level guidance and technical expertise to the Town as requested and without compromise.

GEOGRAPHICALLY SELECTIVE

Rostan differentiates itself from many competitors by selectively pursuing and maintaining client relationships based on our coverage/commitments within a certain geographic footprint. This ensures our resources are never overburdened, allowing Rostan to commit resources to a client and stand by those commitments, especially when it's most critically needed following a disaster event. An ongoing relationship with the Town will prominently affect our business development strategy in Orange County and central Florida.

NATIONAL EXPERIENCE

Rostan stands proud, having serviced more than 200 clients in 23 US states and territories to include conducting more than 50 debris monitoring projects since Hurricane Irma. Rostan has provided services to all levels of government including the United States Government through the United States Army Corps of Engineers (USACE), select state-level programs including in Florida through FDEM, and numerous local governments/agencies. This includes debris monitoring projects of all sizes from small, localized floods generating less than 5,000 CY of debris to massive 25 Million+ CY projects incorporating multiple state-level agencies and dozens of local governments. Our team has pursued reimbursement through the Public Assistance grant program in seven (7) of the ten (10) FEMA Regions, including Region 4, and our continued relationship with FDEM will yield tremendous benefits to the Town. Our team harnesses hundreds of years of experience working with federal grant programs and has managed billions of dollars in post-disaster projects and grant funding efforts in the US and its territories for our clients.

STAFF EXPERTISE

Rostan was recognized as a top 10 Disaster Management Services company in 2021 by *govCIO*. This was all made possible by the dedicated professionals that drive our service lines and continue to grow our share of the marketplace.

Our team was developed to incorporate professionals from a broad range of expertise and backgrounds. Our personnel represent career industry professionals, technical experts, former FEMA and state emergency management employees, legal/policy experts, and a veteran operations team. There is not a single part of the scope of services that we are not well positioned to provide with efficiency and professionalism. Our collective expertise includes work on more than 50 major disasters.

CUTTING EDGE TECHNOLOGY



For more than 15 years, HaulPass® has been recognized as the original and most trusted name in automated debris management systems (ADMS). Developed by Rostan following Hurricane Katrina in 2005, HaulPass® led the digital wave, replacing traditional 5-ply carbon ticketing methods. In 2018, HaulPass® began an extensive redevelopment process to capitalize on emerging technologies and to move to a new operating platform. The new HaulPass® went live in 2019 in response to Hurricane Dorian and has been utilized on 29 projects since that time with phenomenal results. Rostan has invested more than \$2 million in HaulPass® in the last four years and is continually innovating and developing new features to remain at the forefront of the ADMS industry. *Since HaulPass® was developed, we have never delayed a recovery effort, stopped work, or been forced to use another data collection method.* We would be happy to provide the Town with a demonstration of our new and improved system.

POINT OF CONTACT

Travis Mays, Vice President of Debris Programs, will continue to serve as the primary contact for the Town regarding this project, including contractual requirements and technical clarifications. He may be reached via the below points of contact:

PRIMARY CLIENT CONTACT	
NAME	Travis Mays
TITLE	Principal/Vice President
ADDRESS	3433 Lithia Pinecrest Road, Suite 287 Valrico, FL 33596
PHONE	713-823-2002
FAX	813-333-7330
EMAIL	tmays@rostan.com

In closing, this letter serves as confirmation of our continued commitment to the Town. If you should have any questions or require any additional information, please do not hesitate to contact us. We appreciate your fair consideration and believe our proposal offers a personalized, innovative, and cost-reasonable approach to the services requested by the Town.

Very truly yours,



Sam Rosania
Principal/Executive Vice President
Rostan Solutions, LLC

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1. EXPERIENCE AND KEY PERSONNEL

1.1 ROSTAN TEAM PROFILE



ROSTAN SOLUTIONS, LLC

Rostan is a distinguished, full-service disaster consulting firm dedicated to providing expert guidance, resolute standards of care, and attentive focus in support of municipal and private sector clients throughout the United States. With a business practice built around the core elements of the disaster life cycle, Rostan employs high-character professionals with a broad range of experience and expertise.



OUR AREAS OF EXPERTISE

Rostan’s business was formed with an initial focus on debris monitoring services and has grown over the past 20 years to encompass several related service lines including planning and mitigation, long-term recovery, post-disaster construction management, and specialized technical support services.

OUR PERSONNEL

With more than 50 professionals dedicated to their practice year-round, Rostan maintains firsthand knowledge of federal and state-level laws, policy and compliance, and disaster recovery guidance that governs the services that we provide to our clients.

Rostan’s team has assisted state and local governments throughout all disaster recovery phases contemplated by the Town’s RFP. Rostan’s key disaster debris management team members have more than 150 years of combined experience in disaster debris management operations and Public Assistance support services resulting from earthquakes, floods, tornadoes, snow/ice storms, fires, and hurricanes.



Our team is intimately familiar with the policies and procedures of the Federal Emergency Management Administration, National Resource Conservation Service (NRCS), Florida Department of Environmental Protection (FDEP), Florida Department of Transportation (FDOT), Florida Division of Emergency Management (FDEM), U.S. Department of Housing and Urban Development (HUD), and the Federal Highway Administration (FHWA). We have proven success in meeting document and record requirements for FEMA (HMGP and PA), HHS, HUD (CDBG), and NRCS grant programs. Our core personnel have remained consistent through the years enabling us to harness our collective experience as we grow and develop new talented resources to support our growing client base.

FIRM NAME			
Rostan Solutions, LLC			
FAX	WEBSITE		
813.333.7330	www.rostan.com		
ROSTAN OFFICE LOCATIONS			
3433 Lithia Pinecrest Road, Suite 287, Valrico, FL 33596 –Corporate			
4600 Goer Drive, Suite 200A, North Charleston, SC 29406 –Regional Office			
8282 Goodwood Boulevard, Baton Rouge, LA 70806 –Regional Office			
ROSTAN PRINCIPALS [Authorized Negotiators]			
Darius Stankunas President 561.701.7390 dstankunas@rostan.com	Sam Rosania Executive Vice President 813.505.1313 srosania@rostan.com	Travis Mays Vice President 713.823.2002 tmays@rostan.com	Kyle Jones Vice President 225.202.3637 kjones@rostan.com
YEAR ESTABLISHED	DUNS	SYSTEM FOR AWARD MANAGEMENT [SAM] STATUS	
2006	964990340	Active	

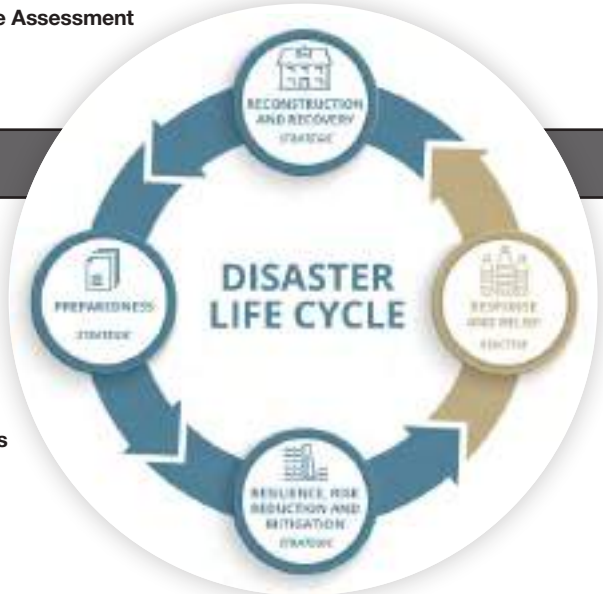
ROSTAN SOLUTIONS SERVICE OFFERINGS – DISASTER LIFE CYCLE

PREPAREDNESS: BEFORE DISASTER STRIKES, ROSTAN CAN HELP YOU BE READY FOR ANY EMERGENCY

- Federal [FEMA] Procurement Policies and Procedures Review and Assessment
- Pre-Event Disaster Response and Recovery Procurement Support
- Comprehensive Emergency Plan Development and Review
- Continuity of Operations (“COOP”) Plan Development and Review
- Debris Management Plan Development and Seasonal Review
- DMS Permitting and Regulatory Support Including Identification and Baseline Assessment
- FEMA Public Assistance Pre-Event Audit
- Community Rating System (“CRS”) Support and Staff Augmentation
- Training and Exercises

RESPONSE & RELIEF: ROSTAN IS YOUR PARTNER DURING THE DISASTER TO ENSURE OPERATIONAL CONTINUITY

- **Debris Monitoring [of Debris Removal]**
 - General Debris Removal Management
 - Private Property Demolition and Debris Removal Oversight
 - Waterway Debris Removal Oversight
 - Data Development and Document Management
- **Public Information and Outreach Support**
- **Emergency Procurement Support**
- **Project Management Services for Emergency Remediation and Repair Efforts**
- **Post-Disaster Damage Assessment and Inventory**
- **Residential and Public Infrastructure Substantial Damage Assessments**
- **Emergency Operations Center (“EOC”) Staff Augmentation**
- **GIS-Based Support for Emergency Response and Planning Activities**
- **Federal, State, and Local Regulatory Compliance Monitoring**



RECOVERY AND RECONSTRUCTION: ROSTAN CAN LEAD YOUR DISASTER RECOVERY AND LONG-TERM REBUILDING EFFORTS

- **Federal Disaster Recovery Funding Program Administration**
 - FEMA Public Assistance (“PA”) Program, Including 406 Mitigation & Alternative Procedures Pilot (“428 Program”) Project Development
 - HHS Administration for Children and Families (“ACF”) Funding
 - National Resource Conservation Service (“NRCS”) Emergency Watershed Protection Program (“EWP”)
- **Administrative Appeals Support for Adverse Agency Determinations**
- **Federal Procurement Regulation [“2 CFR Part 200”] Advisory Services**
- **Project Management and Construction Oversight**
- **After Action Planning**
- **Long-Term Recovery Planning**
- **Federal Single Audit Support**

RESILIENCE, RISK REDUCTION, AND MITIGATION: AFTER THE DISASTER, ROSTAN CAN HELP IDENTIFY AND SECURE MITIGATION FUNDING TO PROTECT AGAINST FUTURE DAMAGES

- **FEMA Hazard Mitigation Planning, Including:**
 - Plan Development and Update
 - GIS and HAZUS-Based Risk Assessment
 - Planning Process Facilitation
- **Identifying and Securing State and Federal Hazard Mitigation Funding:**
 - FEMA Funding
 - ◊ Hazard Mitigation Grant Program (“HMGP”)
 - ◊ Flood Mitigation Assistance (“FMA”)
 - ◊ Building Resilient Infrastructure and Communities (“BRIC”)
 - HUD Community Development Block Grant (“CDBG”) Funding
 - ◊ CDBG Mitigation Funding (“CDBG-MIT”)
 - ◊ CDBG Disaster Recovery Funding (“CDBG-DR”)
- **Benefit-Cost Analysis (“BCA”) Preparation and Rehabilitation**
- **GIS Application Development**
- **Grant Management and Regulatory Compliance Support, Including Representation with State and Federal Agencies**
- **Client-Specific Grant Research and Funding Identification (USDA, NWRP, CWA, etc)**

State of Florida Department of State

I certify from the records of this office that ROSTAN SOLUTIONS, LLC is a limited liability company organized under the laws of the State of Florida, filed on October 30, 2014, effective November 1, 2014.

The document number of this limited liability company is L14000169270.

I further certify that said limited liability company has paid all fees due this office through December 31, 2023 and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Eleventh day of January, 2023*



[Signature]
Secretary of State

Tracking Number: 6791996995CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

State of Florida

Board of Professional Engineers
Rostan Solutions LLC

Has satisfied the requirements of Section 471.023, Florida Statutes. In recognition thereof, the Board of Professional Engineers hereby authorizes this firm to offer engineering services in the State of Florida in accordance with Chapter 471, Florida Statutes, and the rules of the Board.



CA LIC No: 30927

*Witness the Seal of the Board and the Signature
of the Board's duly authorized Chair
this 15 day of November, 2014.*

Warren G. Holm
Chair



Licensee

Name: **STANKUNAS, JOHN** License Number: **77429**
 Rank: **Professional Engineer** License Expiration Date: **02/28/2025**
 Primary Status: **Current** Original License Date: **04/28/2014**
 Secondary Status: **Active**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
30927	Current	ROSTAN SOLUTIONS, LLC	Registry		Registry	



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

09/26/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LassiterWare LLC 1300 N. Westshore Blvd. Suite 110 Tampa FL 33607	CONTACT NAME: Wendy Tyree PHONE (A/C, No, Ext): (800)845-8437 FAX (A/C, No): (888)883-8680 E-MAIL ADDRESS: wendyt@lassiterware.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A : Crum & Forster Specialty Insurance Co</td> <td>44520.</td> </tr> <tr> <td>INSURER B : Travelers Casualty & Surety Co</td> <td>19038</td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Crum & Forster Specialty Insurance Co	44520.	INSURER B : Travelers Casualty & Surety Co	19038	INSURER C :		INSURER D :		INSURER E :		INSURER F :
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INSURER D :														
INSURER E :														
INSURER F :														
INSURED Rostan Solutions, LLC 3433 Lithia Pinecrest Road Suite 287 Valrico FL 33596														

COVERAGES

CERTIFICATE NUMBER: 22-23 Cert

REVISION NUMBER:


THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDSUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractors Pollution Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	EPK141181	09/29/2022	09/29/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$	
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> AUTOS ONLY		EPK141181	09/29/2022	09/29/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		EFX121248	09/29/2022	09/29/2023	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$	
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	UB5J8648192247G	09/29/2022	09/29/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Professional Liability (Claims-Made) Limits included with General Liability		EPK141181	09/29/2022	09/29/2023	Each Claim \$1,000,000 Aggregate \$2,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Town of Windermere and its officers, directors, agents, contractors, employees, and council members are included as additional insured under the terms and conditions of the attached forms on the General Liability policy when additional insured status is required by written contract. Cancellation: Thirty (30) days' notice except for Ten (10) days' notice for non-payment of premium.

CERTIFICATE HOLDER**CANCELLATION**

Town of Windermere 614 Main Street Windermere FL 34786	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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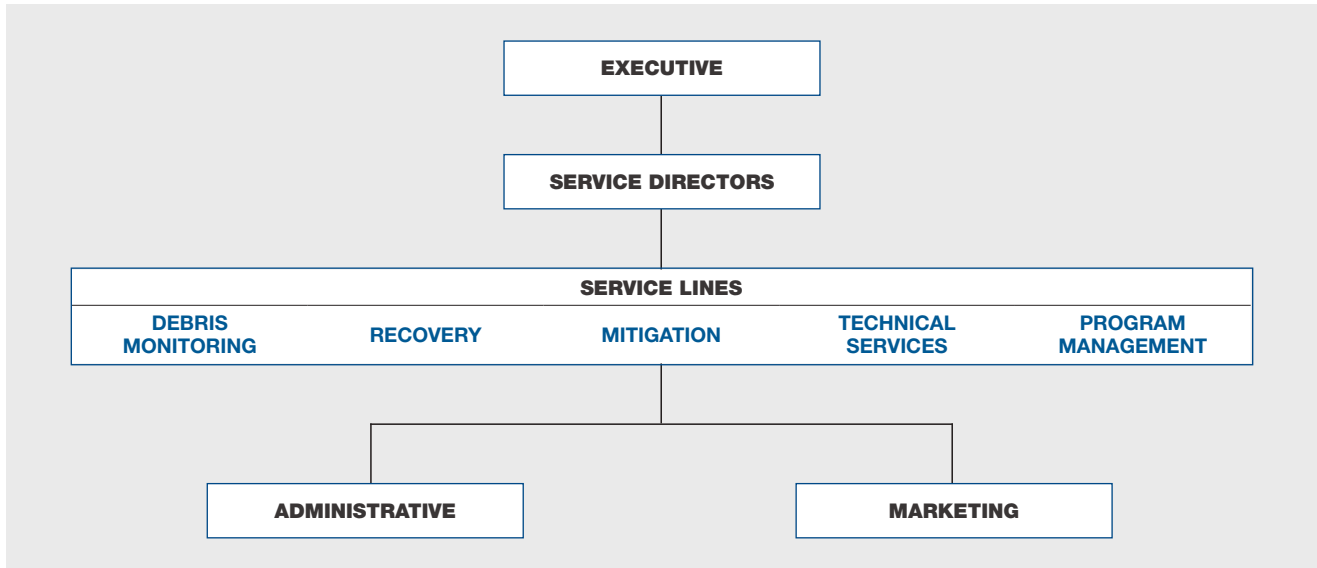
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ACORD 25 (2016/03)

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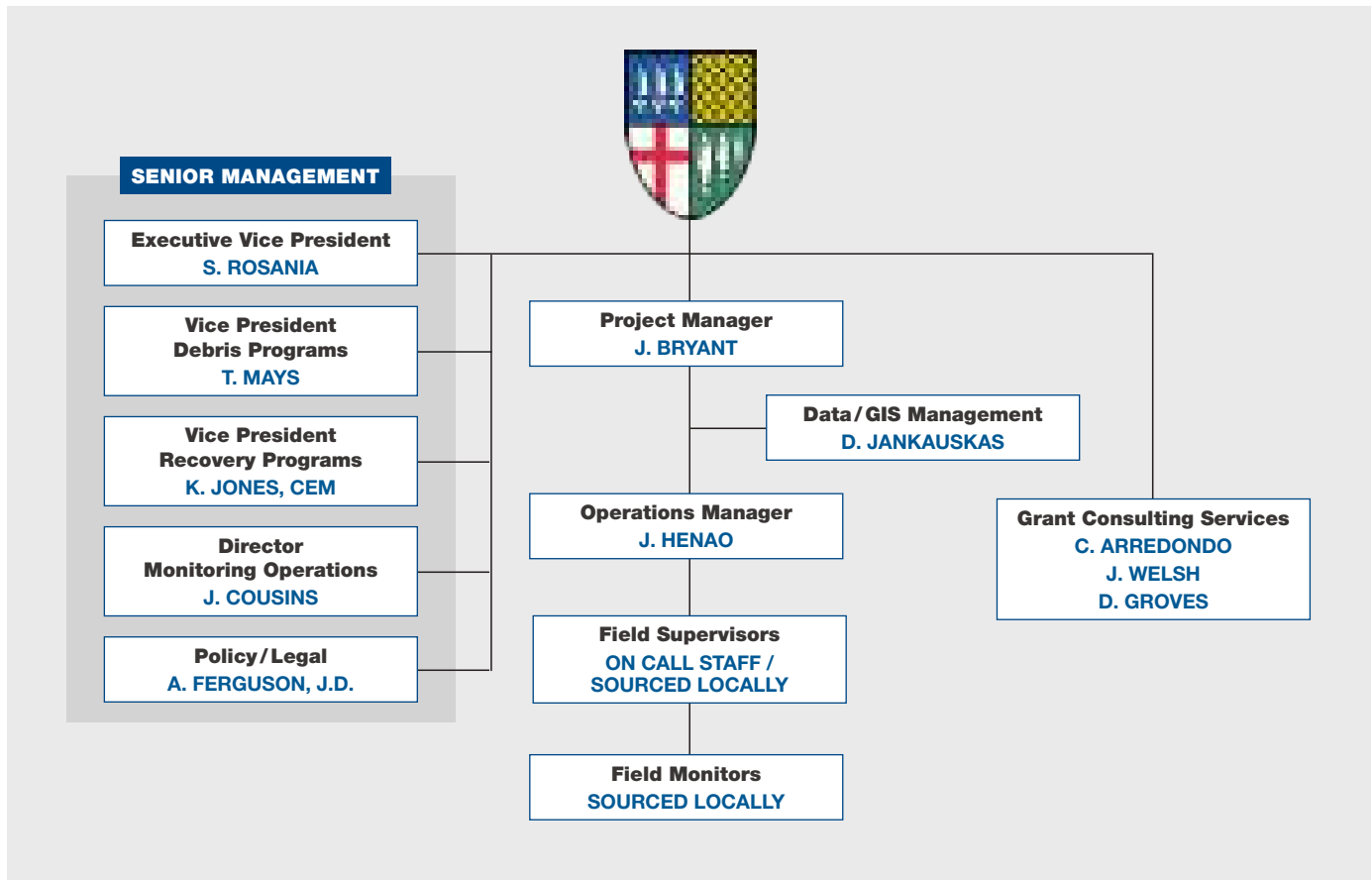
1.2 FIRM AND PROJECT ORGANIZATIONAL STRUCTURE

FIRM ORGANIZATIONAL STRUCTURE



PROJECT ORGANIZATIONAL STRUCTURE

The Rostan team is organized to create a seamless and transparent approach to projects. As shown in the following organizational chart, we have assembled a team of experts with the qualifications and experience needed for this project. This organizational structure provides the Town with a defined leadership and communication structure.



1.3 KEY PERSONNEL

Rostan has reviewed the scope of services for this project and assembled a project team consisting of highly competent professional staff with the experience and technical capabilities necessary to implement a project of this scope and manage it to successful completion. Our experience is that the key to an expeditious recovery includes careful planning and the ability to adapt to changing circumstances and conditions on a frequent basis. We strive to anticipate problems before they arise and resolve them by relying on our past experiences, best-practices, and our understanding of current regulations.

Rostan believes that maintaining close communications with the Town, contractors, and state/federal stakeholders provides for efficient recovery management. Our team has been organized to best meet the needs of the Town, so that we can quickly, efficiently, and cost effectively execute the project tasks that the Town requires. All key Rostan personnel assigned to this project are full-time staff and have considerable experience managing and supporting large-scale projects. Some of these projects are mentioned briefly below.

SAM ROSANIA: PRINCIPAL • EXECUTIVE VICE PRESIDENT

Mr. Rosania is the Co-Founder and Executive Vice President of Rostan and has more than 40 years of experience working for the public and the private sector. Mr. Rosania's areas of expertise include disaster management and recovery, integrated solid waste management, and hazardous waste management. He is a co-founder of Rostan and has fulfilled an advisory and support role on every debris monitoring project since Rostan was founded.

TRAVIS MAYS: PRINCIPAL • VICE PRESIDENT

Mr. Mays serves as Rostan's Vice President of Debris Programs. He has 15 years of experience and has personally led the management of some of Rostan's largest debris removal monitoring projects including multiple USACE projects and has had an oversight role on every debris monitoring project since 2011. He has been on staff with Rostan since 2008. *Mr. Mays led the debris removal monitoring project efforts for the Town following Hurricanes Irma and Ian.*

KYLE JONES, CEM: PRINCIPAL • VICE PRESIDENT

Mr. Jones is a Certified Emergency Manager (CEM) with emergency management and hazard mitigation experience. He is regarded as a subject matter expert in the HMGP and FEMA Public Assistance Programs through the International Association of Emergency Managers (IAEM) and has worked with recovery and mitigation projects since 2004. He also specializes in development of PWs, the FEMA appeal process, Code of Federal Regulation (CFR) analysis, and identification of Federal funding sources for clients. Mr. Jones has extensive programmatic knowledge of the 404 and 406 Grant Programs and has over a decade of hands-on experience in managing major Federal disaster declarations and program funding. Mr. Jones has been on staff with Rostan since 2018.

JEFF COUSINS: DIRECTOR OF MONITORING OPERATIONS

Mr. Cousins has 18 years of experience managing debris monitoring and disaster recovery projects for clients at the local, state, and federal level. He serves as Rostan's Director of Monitoring Operations. Mr. Cousins is intimately familiar with the scope of services anticipated for this project. In addition to numerous other clients, he has managed large-scale projects for clients including New Jersey Department of Environmental Protection, Cumberland County, TN, and Liberty County, FL. Mr. Cousins has an array of experience managing ROW debris removal; leaner, hanger, and hazardous stump removal; waterways debris removal, demolition, and PPDR operations from startup to closeout. He has been on staff with Rostan since 2005.

ADAM FERGUSON: POLICY / LEGAL

Mr. Ferguson has over 13 years of experience in disaster recovery, mitigation, and grants management. He acts as a Senior Programmatic Specialist and Project Manager for Disaster Recovery Operations supporting states, local governments, and utilities in the identification, pursuit, and securing of state and federal aid. He is skilled in providing technical guidance and assistance in demonstrating programmatic eligibility. Mr. Ferguson also directs programmatic and administrative appeals processes for clients facing adverse agency determinations. He has been on staff with Rostan since 2017.

JORDAN BRYANT: PROJECT MANAGER

Mr. Bryant has 16 years of disaster recovery management experience and serves as one of Rostan's Senior Project Managers. He is a subject matter expert in all facets of debris programs and has been assigned to serve some of Rostan's most notable clients including

Coconut Creek, FL, USACE, Puerto Rico Department of Public Works and Transportation (DTOP), Cumberland County, TN, New Jersey Department of Environmental Protection, and Cameron Parish, LA. Mr. Bryant has extensive experience in debris monitoring, ADMS system support, and FEMA reimbursement support. He has been on staff with Rostan since 2006.

JHON HENAO: OPERATIONS MANAGER

Mr. Henao has served as both operations and project manager on several Rostan projects in the past 5 years. *Mr. Henao performed an integral role in the Town's debris removal monitoring operations following Hurricane Ian.* He is extremely proficient in the use and deployment of HaulPass® and has led the deployment of the platform on a number of debris monitoring projects. Mr. Henao is an excellent personnel manager and thrives managing daily operation activities including personnel scheduling, equipment disbursement, and communication with different project stakeholders such as contractors and clients. Mr. Henao's dual language (English/Spanish) skills are extremely beneficial when hiring and training local employees. Before his involvement in the disaster recovery industry, Mr. Henao worked in the international logistics and transportation industry. He has been with Rostan since 2017.

DENISE JANKAUSKAS: DATA MANAGEMENT

Ms. Jankauskas has 11 years of experience managing data collection and quality control of data elements for debris monitoring projects. *Ms. Jankauskas was responsible for handling the Town's data management, quality control, quality assurance, and daily reporting following Hurricanes Irma and Ian.* Her strict attention to detail, coupled with a comprehensive background in graphics and design, enables her project teams to meet all project reporting requirements in a timely manner while maintaining the highest data integrity standards. She has been on staff with Rostan since 2012.

CARLOS ARREDONDO: GRANT CONSULTING SERVICES

Mr. Arredondo has been involved with FEMA disaster recovery since the Louisiana floods of 2016. He has guided clients through complex insurance processes and facilitates the FEMA Damage Inventory, DDD, EEI, and cost estimating aspects for our clients. He has assisted several local governments, and non-profit organizations with securing 20M+ in reimbursements of disaster recovery expenditures, as well as successfully navigating FEMA to overturn unfavorable interpretation of policies for clients. Mr. Arredondo is fluent in Spanish and has been on staff with Rostan since 2019 with direct participation in recovery efforts for every declared disaster along the Gulf Coast and the USVI. Mr. Arredondo has been on staff with Rostan since 2019.

JAMIE WELSH: GRANT CONSULTING SERVICES

Ms. Welsh offers extensive experience in Disaster Planning and Recovery. Her work with disaster-related projects began in 2008 during recovery assistance efforts in the wake of Hurricane Gustav and have since earned the designation as subject matter expert in the area of Public Assistance, with specific expertise in reimbursements, identifying and recovering project overpayments, procurement, financial reconciliation, and closeout. She is well-versed in FEMA codes and regulations. Ms. Welsh has been on staff with Rostan since 2019.

DINA GROVES: GRANT CONSULTING SERVICES

Ms. Groves has expertise in cost analysis, analytics, and database creation. She has translated her previous experience with data collection/analytics and management to the disaster recovery industry. Ms. Groves is very detail oriented and will ensure that the margin of error is little to none when reviewing documentation that needs to be sent to FEMA. She has been on staff with Rostan since 2021.

In order to comply with page count requirements, abbreviated resumes of these key individuals anticipated to serve the Town can be found in Section 1.4. We would be happy to provide fully detailed resumes upon request.



YEARS OF EXPERIENCE

15

EDUCATION

Bachelor of Business Administration, University of Houston, 2006

CERTIFICATIONS & TRAINING

- Construction Quality Management (CQM) – USACE/NAVFAC
- Hazardous Waste Operations and Emergency Response Training (40HR Initial/8 HR Refresher)
- IS-100: Introduction to Incident Command Systems

RECOVERY EVENTS

2022

Hurricane Ian

2021

Tornado, KY Hurricane Ida
Wildfires, CA Hurricane Nicholas

2020

Wildfires, CA/OR Hurricane Laura
Hurricane Zeta Severe Storms, IA
Hurricane Delta Hurricane Isaias

2019

Hurricane Dorian Tornado, TX
Flooding, LA

2018

Hurricane Michael Hurricane Florence

2017

Hurricane Maria Hurricane Harvey
Hurricane Irma

2016

Hurricane Matthew Flooding, LA

2015

Flooding, SC Ice Storms, TN
Avain Flu, IA

2012

Hurricane Sandy

2011

Hurricane Irene Tornado, AL
Tornado, MO

2010

Earthquake, Haiti

2008

Hurricane Ike

Mr. Mays joined the Rostan team in 2008 following a brief stint in the insurance industry after graduating from the University of Houston in 2006. He current serves as Rostan’s Vice President of Debris Programs. Mr. Mays prefers a hands-on approach to projects and is regularly involved in the day-to-day activities of Rostan projects large and small. He often serves as the project manager or a technical advisor on Rostan’s most critical projects. During his 14 years with Rostan he has served in every operational debris monitoring role and utilizes this knowledge to inform his team’s continued development. Mr. Mays was also responsible for the re-development of HaulPass®, Rostan’s exclusive ADMS, beginning in 2018.

PROFESSIONAL EXPERIENCE

VICE PRESIDENT – DEBRIS PROGRAMS || MULTIPLE PROJECTS || 2008 – PRESENT
Debris Monitoring and Public Assistance Services

Mr. Mays is integrally involved in the day-to-day management of Rostan’s debris monitoring services line. Responsibilities include mobilization and logistics, resource management, procurement, budgeting, technical program and policy support, HaulPass® development and integration, and client development.

RECENT RELEVANT PROJECTS

HURRICANE IAN [FEMA DR-4673]		
City of North Port, FL City of St. Pete Beach, FL	City of Pinellas Park, FL Town of Windermere, FL	City of Sarasota, FL Village of Estero, FL
HURRICANE IDA [FEMA DR-4611]		
City of Slidell, LA New Orleans City Park, LA	Plaquemines Parish, LA Town of Lutchter, LA	City of Gretna, LA Town of Pearl River, LA
St. James Parish, LA Town of Gramercy, LA		
CALIFORNIA WILDFIRES [FM-5400/5419]		
Pacific Gas & Electric (Dixie and Fawn Fires)		
TORNADO/SEVERE STORMS [FEMA DR-4630]		HURRICANE NICHOLAS [NON-DECLARED]
Lyon County, KY		Brazoria County, TX
CALIFORNIA/OREGON WILDFIRES [FM-5365/5369]		
PacifiCorp (Slater and Archie Creek Fires)		
HURRICANE ZETA [FEMA DR-4577]		HURRICANE DELTA [FEMA DR-4570]
West Feliciana Parish, LA		New Orleans City Park, LA
HURRICANE LAURA [FEMA DR-4559]		SEVERE STORMS (DERECHO) [FEMA DR-4557]
Cameron Parish, LA City of Westlake, LA		5 Municipalities
HURRICANE ISAIAS [FEMA DR-4568]		FLOODING [FEMA DR-4462]
Town of Carolina Beach, NC		West Feliciana Parish, LA
HURRICANE DORIAN [FEMA DR-4464]		HURRICANE MICHAEL [FEMA DR-4399]
Charleston County, SC		Liberty County, FL
HURRICANE FLORENCE [FEMA DR-4393]		
City of Lumberton, NC		Town of Carolina Beach, NC
HURRICANE MARIA [FEMA DR-4339]		
USACE/ Xpert's Inc. – Puerto Rico Puerto Rico Department of Transportation and Public Works (DTOP)		
HURRICANE IRMA [FEMA DR-4337 / 4346]		HURRICANE HARVEY [FEMA DR-4332]
21 Municipalities		7 Municipalities
HURRICANE MATTHEW [FEMA DR-4286]		FLOODING [FEMA DR-4277]
Charleston County, SC Berkeley County, SC		Iberia Parish, LA
TORNADO [NON-DECLARED]		FLOODING [FEMA DR-4241]
Essex County, VA		Charleston County, SC
ICE STORM [FEMA DR-4210]		
White County, TN		Cumberland County, TN
HURRICANE SANDY [FEMA DR-4085/4086]		
17 Municipalities (New Jersey) / USACE (New York City)		



KYLE A. JONES, CEM

PRINCIPAL | VICE PRESIDENT

YEARS OF EXPERIENCE

20

EDUCATION

BA, Business Administration,
Louisiana State University, 2007

PROFESSIONAL REGISTRATIONS

- Certified Emergency Manager (CEM)

QUALIFICATIONS

- FEMA Professional Development Series
- IS-139: Exercise Design
- IS-230 b: Fundamentals of Emergency Management
- IS-235 b: Emergency Planning
- IS-240 a: Leadership & Influence
- IS-241 a: Decision Making & Problem Solving
- IS-242 a: Effective Communication
- IS-244 a: Developing & Managing Volunteers
- FEMA Multi-Hazard Emergency Planning for Schools – Train the Trainer
- HS/TEEX Threat & Risk Assessment Course
- IS-00001: Emergency Program Manager
- IS-07: A Citizen's Guide to Disaster Assistance
- IS-26: Guide to Points of Distribution
- IS-100: Intro to ICS
- IS-100.SCa: Intro to ICS for Schools
- IS-200: ICS for Single Resources & Initial Action Incidents
- IS-212: Intro to Unified Hazard Mitigation Assistance

Mr. Jones is a Certified Emergency Manager with a tenured background in emergency management, public assistance, and federal cost recovery programs. Mr. Jones specializes in maximizing funding sources for clients and applying the federal regulations and/or policies to projects. Mr. Jones also specializes in FEMA Appeals, Code of Federal Regulation analysis, and interfaces with FEMA and State Agencies on behalf of clients to ensure program success for project funding. Mr. Jones' extensive disaster recovery background yields tremendous programmatic knowledge of the 404 and 406 mitigation programs with nearly two decades of hands-on experience in managing HMGP/HMA, Public Assistance Programs, and other major federal disaster declarations on behalf of clients.

PROFESSIONAL EXPERIENCE

ROSTAN SOLUTIONS || BATON ROUGE, LA || 2018–PRESENT
Principal/Vice President

ARCADIS NORTH AMERICA || BATON ROUGE, LA || 2014–2018
Director, Disaster Programs

EAST BATON ROUGE PARISH || BATON ROUGE, LA || 2007–2014
Deputy Director

STATE OF LOUISIANA OFFICE OF EMERGENCY PREPAREDNESS – MILITARY DEPARTMENT || BATON ROUGE, LA || 2003–2007
Operations Support & Management

PROJECT AND PROGRAMS EXPERIENCE

PUBLIC ASSISTANCE AND HAZARD MITIGATION ASSISTANCE (HMA) PROGRAM MANAGEMENT || LOCAL/STATE GOVERNMENTS, SCHOOLS, STATE AGENCY, PRIVATE-NON-PROFITS (PNP), HOUSES OF WORSHIP (HOW), AND HOUSING AUTHORITIES || 2014–PRESENT

Program Executive

Serves as the Program Executive and Principal for Public Assistance and Hazard Mitigation Assistance Programs on behalf of clients that are impacted by a disaster totaling over \$2.5B in program management since 2014. Responsible for managing projects and representing client interests from the initial scoping meeting through closeout and subsequent appeals across numerous sectors of Applicants. Local Government recovery experience includes assistance provided to West Feliciana, St. James Parish, Plaquemines Parish, West Feliciana Sheriff's Office, West Feliciana Parish Hospital, City of Sulphur, City of Lake Charles, and the City of Pinellas Park, Acadia Parish, Beauregard Parish, Concordia Police Jury, Diamondhead MS, Gramercy LA, Gretna, LA, Jackson LA, Jefferson Parish, Kenner LA, Litcher LA, Madisonville LA, Mansura LA, Midway, FL, Natchitoches Parish, North Port FL, Pearl River LA, Point Coupee Parish Sheriff's Office, Quincy FL, St. Mary Parish LA, St. Tammany Parish LA, Town of Simmesport LA, West Carroll Parish Sheriff's Office LA, Westlake LA, Wilkinson County MS, Plaquemines Medical Center LA, Plaquemines Port Harbor Terminal District. School recovery experience includes assistance provided to West Feliciana Parish Schools, Fort Worth ISD-TX, Texas City ISD-TX, Little Cypress ISD-TX, Huffman ISD-TX, Corpus Christi ISD-TX, Gadsden County Schools, and Polk County Schools-FL, Louisiana College. State Agency recovery experience includes assistance provided to Louisiana Department of Corrections and Florida State Hospitals, Kisatchie Regional Planning & Development District. Private-Non-Profits (PNP) recovery experience includes assistance provided to Group Health Cooperative-South Central Wisconsin and Early Education and Care, Inc-FL, United Christian Academy-TX, Community Christian School-TX, and Hamilton Christian Academy, LA, St. Vincent de Paul- Paulina/Lutcher/Gramercy, St. George Catholic Church and School LA, Aetna Better Health of Louisiana, Blue Cross Blue Shield of Louisiana, Diocese of St. Thomas USVI, YMCA of the Capital Area-Baton Rouge LA, Church of the King LA, Community Action Program Committee, Inc. House of Worship recovery experience includes assistance provided to Apostolic Christian Church-LA and First Baptist Church of Denham Springs-LA, Louisiana Baptist Convention. Housing Authority Recovery experience includes assistance provided to Duson Housing Authority, New Iberia Housing Authority, Oakdale Housing Authority, and Eunice Housing Authority. Serves as the Program Executive and Principal for Hazard Mitigation Assistance Programs on behalf of clients that are impacted by a disaster totaling over \$500MM in program management since 2014. Represents agencies interests for various hazard mitigation projects, including Louisiana State Penitentiary, West Feliciana, St. James, and Iberville Parish.



YEARS OF EXPERIENCE

18

CERTIFICATIONS & TRAINING

- IS-5.a: Introduction to Hazardous Materials
- IS-100: Introduction to Incident Command System
- IS-200: ICS for Single Resources and Initial Action Incidents
- IS-300: Intermediate ICS
- IS-400: Advanced ICS
- IS-700: National Incident Management System (NIMS)
- IS-800: National Response Framework
- HAZWOPER (40-Hour)
- OSHA Disaster Training

RECOVERY EVENTS

2022

Hurricane Ian

2021

Tornado, KY Hurricane Ida
Hurricane Nicholas

2020

Hurricanes Zeta Severe Storms, IA
Hurricane Delta Hurricane Isaias
Hurricane Laura

2019

Fooding, LA Hurricane Dorian

2018

Hurricane Michael Hurricane Florence

2017

Hurricane Irma Hurricane Harvey

2016

Hurricane Matthew Flooding, LA
Tornado, VA

2015

Ice Storm, TN

2014

Ice Storm, GA

2012

Hurricane Sandy

2011

Hurricane Irene Tornado, AL
Tornado, MO

EVENTS 2010 AND EARLIER

Earthquake, Haiti Hurricane Katrina
Hurricane Ike Hurricane Wilma
Ice Storm, NY

Mr. Cousins has 18 years of experience with Rostan and serves as our Director of Operations for Debris Monitoring Services. He specializes in disaster management and recovery and has supported debris monitoring and reimbursement projects following some of the world's most devastating disasters, including Hurricane Katrina, the devastating 2010 earthquake in Haiti, Hurricane Sandy, Hurricane Irma, and Hurricane Laura, to name a few. His ascension to senior management is the result of a tireless work ethic, attention to detail, and dedication to client service.

PROFESSIONAL EXPERIENCE

DIRECTOR OF DEBRIS OPERATIONS || MULTIPLE PROJECTS || 2005–PRESENT Debris Monitoring and Public Assistance Support Services

Mr. Cousins is integrally involved in the management of Rostan's day-to-day operations. Responsibilities include mobilization and logistics, staffing and payroll, resource management, senior technical support, program policy, HaulPass® deployment, and business and client development.

RECENT RELEVANT PROJECTS

HURRICANE IAN [FEMA DR-4673]			
City of North Port, FL City of St. Pete Beach, FL	City of Pinellas Park, FL Town of Windermere, FL	City of Sarasota, FL Village of Estero, FL	
HURRICANE IDA [FEMA DR-4611]			
City of Slidell, LA New Orleans City Park, LA	Plaquemines Parish, LA Town of Lutchter, LA	City of Gretna, LA Town of Pearl River, LA	St. James Parish, LA Town of Gramercy, LA
CALIFORNIA WILDFIRES [FM-5400/5419]			
Pacific Gas & Electric (Dixie and Fawn Fires)			
TORNADO/SEVERE STORMS [FEMA DR-4630]		HURRICANE NICHOLAS [NON-DECLARED]	
Lyon County, KY		Brazoria County, TX	
CALIFORNIA/OREGON WILDFIRES [FM-5365/5369]			
PacifiCorp (Slater and Archie Creek Fires)			
HURRICANE ZETA [FEMA DR-4577]		HURRICANE DELTA [FEMA DR-4570]	
West Feliciana Parish, LA		New Orleans City Park, LA	
HURRICANE LAURA [FEMA DR-4559]		SEVERE STORMS (DERECHO) [FEMA DR-4557]	
Cameron Parish, LA City of Westlake, LA		5 Municipalities	
HURRICANE ISAIAS [FEMA DR-4568]		FLOODING [FEMA DR-4462]	
Town of Carolina Beach, NC		West Feliciana Parish, LA	
HURRICANE DORIAN [FEMA DR-4464]		HURRICANE MICHAEL [FEMA DR-4399]	
Charleston County, SC		Liberty County, FL	
HURRICANE FLORENCE [FEMA DR-4393]			
City of Lumberton, NC		Town of Carolina Beach, NC	
HURRICANE MARIA [FEMA DR-4339]			
USACE/ Xpert's Inc. – Puerto Rico Puerto Rico Department of Transportation and Public Works (DTOP)			
HURRICANE IRMA [FEMA DR-4337 / 4346]		HURRICANE HARVEY [FEMA DR-4332]	
21 Municipalities		7 Municipalities	
HURRICANE MATTHEW [FEMA DR-4286]		FLOODING [FEMA DR-4277]	
Charleston County, SC Berkeley County, SC		Iberia Parish, LA	
TORNADO [NON-DECLARED]		FLOODING [FEMA DR-4241]	
Essex County, VA		Charleston County, SC	
ICE STORM [FEMA DR-4210]			
White County, TN		Cumberland County, TN	
HURRICANE SANDY [FEMA DR-4085/4086]			
17 Municipalities (New Jersey) / USACE (New York City)			



ADAM T. FERGUSON, ESQ

DIRECTOR, RECOVERY & MITIGATION | POLICY/LEGAL

YEARS OF EXPERIENCE

17

EDUCATION

University of Miami School of Law, J.D., 2012

University of North Carolina at Wilmington, M.P.A., 2004

University of North Carolina at Wilmington, B.A., Psychology, 2002

LICENSES & CERTIFICATIONS

- Member – Florida Bar #0100223

Mr. Ferguson leads Rostan’s Technical Service Department with the Recovery & Mitigation Division. He has served prominent roles in FEMA Disaster Declarations dating from Hurricane Katrina in 2005 through to the 2021 Hurricane Season. He oversees and provides direct support with benefit-cost analysis, programmatic appeals, and complex regulatory compliance issues.

PROFESSIONAL EXPERIENCE

ROSTAN SOLUTIONS || FLORIDA || 2018–PRESENT
Director, Recovery & Mitigation

MONROE COUNTY, FL || FLORIDA || 2017–2018
Floodplain Manager

WITT O'BRIEN ASSOCIATES || WASHINGTON, DC || 2013–2017
Hazard Mitigation Advisor

FEDERAL EMERGENCY MANAGEMENT AGENCY || ATLANTA, GA || 2005–2009
Hazard Mitigation Program Specialist R IV

PROJECT AND PROGRAMS EXPERIENCE

STATE OF NEW JERSEY || 2022–PRESENT
Lead Benefit-Cost Analysis Developer

Leads a highly specialized team of diverse professionals in providing state-level policy and technical support to local governments, utilities, and state agencies in identifying viable hazard mitigation projects and developing FEMA-compliant Benefit-Cost Analyses for FEMA’s BRIC, HMGP, and FMA programs. This team also provides training to state and local officials and staff, as well as works with the State of New Jersey to rehabilitate and improve existing Benefit-Cost Analyses prepared by others.

LOUISIANA [MULTIPLE CLIENTS] || 2020–PRESENT
Senior Hazard Mitigation Advisor

Works with multiple Parishes, jurisdictions, and state agencies within Louisiana to secure FEMA HMA Program funding, specializing in Benefit-Cost Analysis, complex scope of work development, and problem. Provides as-needed programmatic, policy [appeals], and technical support regarding both 404 and 406 Mitigation projects. Coordinates the resolution of complex grant management issues, request for information responses, and scope/budget modifications.

FLORIDA [MULTIPLE CLIENTS] || 2017–PRESENT
Senior Hazard Mitigation Advisor

Following 2017 Hurricane Season, work with multiple applicants to FEMA’s HMGP and 406 Mitigation programs to identify eligible activities, develop and document compliant applications, organize and construct Benefit-Cost Analyses, and coordinate with FEMA and State of Florida to secure federal funding. Provides as-needed programmatic and technical support regarding 406 Mitigation applicants on demonstrating cost-effectiveness and ensuring programmatic compliance

STATE OF NEW JERSEY || 2013–2017
Senior Hazard Mitigation Advisor

Served as Senior Hazard Mitigation Advisor to the State of New Jersey’s State Hazard Mitigation Office (SHMO) and staff for the HMGP following Superstorm/Hurricane Sandy. Responsible for training state staff, developing and conducting public briefings, providing quality control and oversight of contractor work product, and provide technical support for benefit-cost analysis and programmatic appeals.

YEARS OF EXPERIENCE

18

CERTIFICATIONS & TRAINING

- IS-100: Introduction to the Incident Command System
- IS-200: ICS for Single Resources and Initial Action Incidents
- IS-700: National Incident Management System (NIMS)
- First Aid/ Cardiopulmonary Resuscitation (CPR)
- HAZWOPER (40 Hour)
- OSHA Disaster Training

RECOVERY EVENTS

2022

Hurricane Ian

2021

Hurricane Ida

2020

Hurricane Laura

2019

Flooding, LA Hurricane Dorian
Tornado, TX

2017

Hurricane Maria Hurricane Harvey
Hurricane Irma

2016

Tornado, VA Flooding, LA

2015

Avian Flu Response, IA
Ice Storm, TN

2014

Ice Storm, GA

2012

Hurricane Sandy

2011

Hurricane Irene Tornado, AL
Tornado, MO

2010

Earthquake, Haiti

2008

Hurricane Ike

2006

Ice Storm, NY Hurricane Katrina

Mr. Bryant joined the Rostan team in 2006 following Hurricane Katrina and currently serves as a senior project manager having responded to more than 20 disaster recovery events in his 18 years with Rostan. He is a seasoned expert in debris monitoring and disaster recovery and is often responsible for managing some of Rostan's most complex deployments including waterborne and private property debris removal projects. He is a key member of Rostan's deployment team and has extensive experience in all aspects of debris monitoring, HaulPass® ADMS system implementation and data tracking, and FEMA reimbursement support

RECENT PROFESSIONAL EXPERIENCE

SENIOR PROJECT MANAGER || MULTIPLE PROJECTS || 2006-PRESENT Debris Management and Public Assistance Support Services

Senior Project Manager during multiple FEMA-declared debris removal operations. Duties include hiring, training, and deploying local staff, daily client coordination, debris contractor invoice reconciliation, debris removal monitoring, DMS monitoring, vehicle and equipment certification, and FEMA reimbursement assistance. In addition, responsibilities include reporting, strict data quality control maintenance, and preparing project closeout documentation.

RECENT RELEVANT PROJECTS

HURRICANE IAN [FEMA DR-4673]	
City of Sarasota, FL	City of St. Pete Beach, FL
HURRICANE IDA [FEMA DR-4611]	
City of Gretna, LA	New Orleans City Park, LA
HURRICANE LAURA [FEMA DR-4559]	FLOODING [FEMA DR-4462]
Cameron Parish, LA	West Feliciana Parish, LA
TORNADO [NON-DECLARED]	HURRICANE DORIAN [FEMA DR-4464]
City of Richardson, TX	Charleston County, SC
HURRICANE MARIA [FEMA DR-4339]	
Puerto Rico - USACE/XPERS Inc. Puerto Rico Department of Transportation and Public Works	
HURRICANE IRMA [FEMA DR-4337]	HURRICANE HARVEY [FEMA DR-4332]
Coconut Creek, FL	7 Municipalities
TORNADO [NON-DECLARED]	FLOODING [FEMA DR-4241]
Essex County, VA	Charleston County, SC
FLOODING [FEMA DR-4277]	
Iberia Parish, LA	
ICE STORM [FEMA DR-4211]	
White County, TN	Cumberland County, TN
ICE STORM [FEMA DR-4165]	
Jenkins County, GA	
HURRICANE SANDY [FEMA DR-4085]	HURRICANE SANDY [FEMA DR-4086]
Multiple Municipalities (New Jersey)	USACE (New York City)
TORNADO [FEMA DR-1980]	TORNADO [FEMA DR-1971]
Joplin, MO (USACE)	Birmingham, AL
HURRICANE IRENE [FEMA DR-4024]	EARTHQUAKE
York County, VA	Port-Au-Prince, Haiti
Hurricane Ike [FEMA DR-1791]	
USACE - Galveston County, TX & Chambers County, TX	
ICE STORM [FEMA EM-3268]	
City of Buffalo, NY	Erie County, NY
HURRICANE KATRINA [FEMA DR-1604]	
USACE - Vicksburg District, Mississippi	



YEARS OF EXPERIENCE

6

EDUCATION

Florida International University,
B.A., Business Administration,
Minor Marketing &
Entrepreneurship, 2001

CERTIFICATIONS & TRAINING

- C++ Certification, 2000
- UX–User Experience Design Certification, 2022

RECOVERY EVENTS

2022

Hurricane Ian

2021

Hurricane Ida

2020

CA / OR Wildfires
Severe Storms, IA

2018

Hurricane Michael

2017

Hurricane Maria

Mr. Henao has been with Rostan Solutions since 2017. Originally hired as a field supervisor, he has served as operations and project manager on several Rostan projects in the past 5 years. Mr. Henao is extremely proficient in the use and deployment of HaulPass®, Rostan’s Automated Debris Management System (ADMS) and has led the deployment of the platform on a number of debris monitoring projects. Mr. Henao is an excellent personnel manager and thrives managing daily operation activities including personnel scheduling, equipment disbursement, and communication with different project stakeholders like contractors and clients. Mr. Henao’s dual language (English/Spanish) skills are extremely beneficial when hiring and training local employees.

PROFESSIONAL EXPERIENCE

CITY OF NORTH PORT, FL || FEMA DR-4673 || 2022–PRESENT Debris Monitoring and Management

Mr. Henao was brought in to augment the supervision of the project, as Rostan had hired nearly 200 people to support the monitoring effort. This project is ongoing.

TOWN OF WINDERMERE, FL || FEMA DR-4673 || 2022 Debris Monitoring and Management

Following Hurricane Ian, Rostan’s standby contract with the Town of Windermere was activated to provide debris monitoring services. Mr. Henao was the assigned Project Manager during Rostan’s deployment, responsible for staffing, daily assignments, and reporting.

LOUISIANA CITY OF SLIDELL || FEMA DR-4611 || 2021 Debris Monitoring and Management

Mr. Henao was brought in to support daily operating activities of debris removal monitoring operations for the City of Slidell.

CALIFORNIA/OREGON || FEMA FM-5365/5369 || 2020 Wildfire Response and Inspection Services

Served as a Senior Consulting Utility Forester (SCUF) on the Archie Creek Fire in Oregon and the Slater Fire in Northern California/Oregon. Conducted hazardous tree inspections along transmission and distribution lines in rugged, remote terrain.

IOWA JURISDICTIONS || FEMA DR-4557 || 2020 Debris Monitoring and Public Assistance Support Services

As Operations Manager, duties included the training and deployment of more than 20 local staff. Municipal clients included the Cities of Tama, Toledo, Gladbrook, State Center, and the Tama County Conservation District.

LIBERTY COUNTY, FL || FEMA DR-4399 || 2018 Debris Monitoring and Public Assistance Support Services

This project involved the hiring, training, and deployment of more than 100 local staff. Over 500,000 cubic yards of storm generated debris was removed and processed, and more than 34,000 hazardous trees and limbs were removed.

PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS || FEMA DR-4339 || 2017–2018 Debris Monitoring and Public Assistance Support Services

Rostan deployed to Puerto Rico in 2017 in support of Xperts/USACE to provide ADMS services for debris collection from Hurricane Maria. Mr. Henao was an area manager responsible for the deployment and maintenance of the HaulPass® ADMS in one of 6 project regions. Data tracked using Haulpass® accounted for several million yards and more than 250,000 load tickets. Project responsibilities included technology management, logistics, and reporting of the daily project activities including; leaners and hangers removal documentation, vegetative debris removal documentation, c&d debris removal documentation, temporary disposal site and final disposal site documentation of activities.

CITY OF WINTER SPRINGS, FL || FEMA DR-4337 || 2017 Debris Monitoring and Public Assistance Support Services

Following Hurricane Irma Mr. Henao was hired as a field supervisor to support daily operating activities and to manage personnel. A quick study, he was soon was leading daily activities on the ground.



DENISE JANKAUSKAS

DATA MANAGER

YEARS OF EXPERIENCE

11

EDUCATION

BFA, The Cooper Union for the Advancement of Science & Art, 1995

CERTIFICATIONS & TRAINING

- IS-100.c: Introduction to Incident Command System
- IS-0632.a: Introduction to Debris Operations

SOFTWARE PROFICIENCIES

- HaulPass®
- Adobe InDesign
- Adobe Photoshop
- Adobe Illustrator
- Adobe Acrobat
- Microsoft Office Suite

RECOVERY EVENTS

2022

Hurricane Ian

2021

Tornado, KY Hurricane Ida
Hurricane Nicholas

2020

Hurricane Zeta Severe Storms, IA
Hurricane Delta Hurricane Isaias
Hurricane Laura

2019

Flooding, LA Hurricane Dorian
Tornado, TX

2018

Hurricane Michael Hurricane Florence

2017

Hurricane Maria Hurricane Irma

2016

Hurricane Matthew

2015

Flooding, SC Ice Storm, TN

2012

Hurricane Sandy

Ms. Jankauskas has 11 years of post-disaster experience, joining the Rostan team after the devastation sustained by Hurricane Sandy throughout New York and New Jersey. Prior to Rostan, she was a senior graphic designer at large publishing companies in New York City. She specializes in project data management and quality control, GIS, reporting, and leads Rostan's marketing production efforts. Ms. Jankauskas combines her strict attention to detail, design credentials, data management expertise to administer Rostan's data QC program and deliver integrity-driven deliverables with quality production value.

RECENT PROFESSIONAL EXPERIENCE

MULTIPLE PROJECTS || 2015-PRESENT

Debris Management, Data Management, and Public Assistance Support Services

Data Manager. Serving during multiple FEMA-declared debris removal operations. In addition to proposal development for select clients, responsibilities include gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client, strict data quality control, maintenance and organization of digital files, and preparing closeout report documentation. Additional responsibilities for select clients include debris contractor invoice reconciliation, FEMA reimbursement assistance, debris removal monitoring, DMS monitoring, vehicle and equipment certification, staff scheduling, invoicing, organization and implementation of Flood Insurance Rate Maps, photo documentation, drainage mapping, as well as development of client progress reports and presentations. Clients include:

HURRICANE IAN [FEMA DR-4673]			
City of North Port, FL City of St. Pete Beach, FL	City of Pinellas Park, FL Town of Windermere, FL	City of Sarasota, FL Village of Estero, FL	
HURRICANE NICHOLAS Brazoria County, TX		TORNADO [FEMA DR-4630] Lyon County, KY	
HURRICANE IDA [FEMA DR-4611]			
City of Gretna, LA	City of Slidell LA	New Orleans City Park, LA	Town of Pearl River, LA
HURRICANE LAURA [FEMA DR-4559] Cameron Parish, LA		HURRICANE DELTA [FEMA DR-4570] City Park New Orleans, LA	
SEVERE STORMS [FEMA DR-4557]			
City of Gladbrook	City of State Center	City of Tama	City of Toledo Tama Conservation Board
HURRICANE ISAIAS [FEMA DR-4568] Town of Carolina Beach, NC		FLOODING [FEMA DR-4462] West Feliciana Parish, LA	
HURRICANE DORIAN [FEMA DR-4464] Charleston County, SC			
TORNADO City of Richardson, TX		HURRICANE MICHAEL [FEMA DR-4399] Liberty County, FL	
HURRICANE FLORENCE [FEMA DR-4393] City of Lumberton, NC Town of Carolina Beach, NC			
HURRICANE MARIA [FEMA DR-4339] USACE – Jacksonville District, Commonwealth of Puerto Rico Puerto Rico Department of Transportation and Public Works (DTOP)			
HURRICANE IRMA [FEMA DR-4337 / 4338 / 4346]			
City of Belleair Beach, FL City of Coconut Creek, FL City of Dania Beach, FL Town of Indian Shores, FL	Martin County, FL Town of Palm Beach, FL City of St. Pete Beach, FL City of Winter Springs, FL	City of Belleair Bluffs, FL City of Coral Springs, FL New College of Florida, FL City of Madeira Beach, FL	City of North Port, FL Town of Redington Shores, FL Town of Windermere, FL Charleston County, SC
HURRICANE MATTHEW [FEMA DR-4283 / 4284 / 4286]			
Martin County, FL	City of Garden City, GA	Berkeley County, SC	Charleston County, SC
FLOODING [FEMA DR-4241] Charleston County, SC		ICE STORM [FEMA DR-4211] Cumberland County, TN White County, TN (Project Manager)	

ADDITIONAL RELATED EXPERIENCE

- 2013-2014 OPERATIONS MANAGER || KEANSBURG, NJ || FEMA DR-4086**
- 2012-2014 DATA ANALYST || TOWNSHIP OF BRICK, NJ || FEMA DR-4086**
- 2012 - 2014 DATA ANALYST || NJDEP || FEMA DR-4086**
- 2012-2013 FIELD SUPERVISOR || USACE-NEW YORK || FEMA DR-4085**



YEARS OF EXPERIENCE

4 Years – Public Assistance Policy Consulting

9 Years – Construction Estimating, Management, and Building

8 Years – Military and Maritime Law Enforcement as Member of U.S. Coast Guard

EDUCATION

Art Institute, Media and Animation, Fort Lauderdale, FL.

Art Institute of California, Industrial Design, Orange County, CA

CERTIFICATIONS & SKILLS

- RSMears
- FEMA CEF Training
- Master Carpentry
- Bilingual (Spanish/English)
- OSHA Basic Safety
- Building Project Management
- Project Scheduling
- Cost Analyses
- Projection Plan Development
- Budgeting

RECOVERY EVENTS

2022

Hurricane Ian

2021

Hurricane Ida
Winter Freeze, LA

2020

Hurricane Zeta
Hurricane Delta
Hurricane Sally
Hurricane Laura
Covid-19 (FEMA DR-4484)

2019

Flooding, LA
Hurricane Barry

Mr. Arredondo is an experienced Disaster Recovery and Planning specialist in private and public sector, with expertise in construction building, construction management, protocol development, cost analysis, team building, direct client management, and public assistance. He is well-versed in FEMA codes and regulations, which allows him to carefully monitor and oversee all recovery program tasks to ensure maximum funding recovery and minimal funding de-obligation.

PROJECT AND PROGRAMS EXPERIENCE

ROSTAN SOLUTIONS || DIRECTOR || LOUISIANA || 2023–PRESENT

Developed and directed organizational strategy as well as supervised all departments involved in the technical, and programmatic aspects of the recovery plan. Organized strategies and approaches to favor the needs and priorities of applicants. Developed and maintained positive internal and external relationships. Implemented sound financial practices. Oversee day-to-day business activities.

ROSTAN SOLUTIONS || PROGRAM MANAGER || LOUISIANA || 2020–2022

Served as Program Manager under various disasters to Concordia Parish Police Jury, Plaquemines Parish, and West Feliciana Parish. Responsibilities include providing policy guidance and recommendations to clients; developing project scopes of work for FEMA PA Project Worksheets (PWs); delivering technical expertise in FEMA meetings; requesting and receiving reimbursement of expenditures timely; and efficiently processing closeout.

ROSTAN SOLUTIONS || TECHNICAL SPECIALIST || LOUISIANA | 2019–2020

Perform Damage Assessment Inspections, Prepare Site Inspection Reports, Development of DDD's, Debris Data Documentation and Removal, Roads Assessment, Cost Analysis, Project Estimating, Complete Force Account Labor and Equipment forms, CEF's, Correspondence, Mitigation Assessment, Development of Mitigation Plan, etc. for declared disasters:

FLORIDA				
Hurricane Ian				
LOUISIANA				
Hurricane Ida	Hurricane Zeta	Hurricane Delta	Hurricane Laura	Hurricane Barry
Hurricane Harvey	COVID-19	Hurricane Sally	Mississippi River Flood	
MISSISSIPPI				
Hurricane Zeta			COVID-19	
TEXAS				
Hurricane Harvey				
U.S. VIRGIN ISLANDS				
Hurricane Maria			Hurricane Irma	

B&G CONSTRUCTION || NEW ORLEANS, LA || 2016–2019

Project Manager

Project scoping, project budgeting, bid review and selection, cost analysis, hiring of new trades, project plan development, safety meetings, communication with clients and insurance agents, scheduling, inspections and permitting, and any other task necessary for the completion of each project in a safe and cost-effective manner.

JD RESTORATIONS || NEW ORLEANS, LA || 2014–2016

General Manager

Responsible for project management, scope of work determination, coordinate with multiple construction trades, communication with insurance providers and client.

U.S. COAST GUARD || PSU 311 LONG BEACH, CA || 2004–2012

Boatswain Mate

Petty Officer 3rd class/E-4, Boarding Team Member, Tactical Boat Crew Member, Search and Rescue, Maritime Law Enforcement and Safety, Contingency Operation Iraqi Freedom Veteran.



YEARS OF EXPERIENCE

10

EDUCATION

BA, Political Science, Minor in English, Loyola University New Orleans, 2009

RECOVERY EVENTS

2021

Hurricane Ida

2020

Hurricane Zeta
Hurricane Delta
Hurricane Sally
Hurricane Laura
COVID-19 (FEMA DR-4484)

2019

Flooding, LA
Hurricane Barry

2017

Hurricane Irma
Hurricane Harvey
Tropical Storm Nate

2016

Flooding, LA

2012

Hurricane Isaac

2008

Hurricane Gustave
Hurricane Ike

2005

Hurricane Rita
Hurricane Katrina

Ms. Welsh offers extensive experience in Disaster Planning and Recovery. Her work with disaster-related projects began in 2008 during recovery assistance efforts in the wake of Hurricane Gustav and have since earned the designation as subject matter expert in the area of Public Assistance, with specific expertise in reimbursements, identifying and recovering project overpayments, procurement, financial reconciliation, and closeout. She is well-versed in FEMA codes and regulations, which allows her to carefully monitor and oversee all recovery program tasks to ensure maximum funding recovery and minimal funding de-obligation.

RELEVANT PROFESSIONAL EXPERIENCE

ROSTAN SOLUTIONS || PROGRAM MANAGER || BATON ROUGE, LA 2019–PRESENT

Serves as Program Manager under various disasters to Plaquemines Parish, Plaquemines Parish Medical Center, City of Diamondhead, City of North Port, and formerly Program Manager to Concordia Parish Police Jury and West Feliciana Parish Sheriff's Office. Responsibilities include providing policy guidance and recommendations to clients; developing project scopes of work for FEMA PA Project Worksheets (PWs); delivering technical expertise in FEMA meetings; requesting and receiving reimbursement of expenditures timely; and efficiently processing closeout.

CSRS || PUBLIC ASSISTANCE CONSULTANT || BATON ROUGE, LA || 2016–2019

Served as grants management consultant to East Baton Rouge Parish School System managing 40 projects consisting of remediation, permanent repair, and contents claimed under DR-4277. Provided expertise in Federal policy, federal code, and law governing disaster recovery assistance. Collaborated with various funding agencies and internal School Board departments to ensure proper use and application of the PA funding. Maximized eligible, allowable federal dollars, and capturing all storm damaged elements. Reduced timeline for eligibility determinations supporting project cash flow sources and kept all stakeholders informed of progress and issues for resolution. Achieved \$43,455,222.49 in reimbursements.

DMS DISASTER CONSULTANTS || PROJECT SPECIALIST || BATON ROUGE, LA 2016

Served as a Project Specialist to Louisiana Division of Administration Office of Risk Management acting as subject matter expert in Public Assistance project overpayments; performed detailed analyses of overpaid FEMA projects; conducted research to determine ORM's role in the projects' federal obligations and further coordinated between the two agencies and respective applicants in finalizing ORM's financial responsibility. Performed daily DOA Facility Planning and Control (FP&C) project reconciliation reviews to determine all payments made by ORM across claims.

GOHSEP PROBLEM RESOLUTION OFFICER I || BATON ROUGE, LA || 2016

Served as a subject matter expert in Public Assistance programs; provided technical assistance to applicants, internal Grants Management section, and Closeout; conducted research finding legal and policy decisions for determining proper application of PA grants; analyzed and recommended alternatives for program issues; and coordinated with applicants to compile information to request eligible reimbursements and closeouts. Reconciled approximately \$2,252,901.81 in overpayments.

GOHEP DISASTER RECOVERY SPECIALIST II || BATON ROUGE, LA || 2013–2016

Provided administration and management to the Port of New Orleans and City of New Orleans preparing to request reimbursement for federally funded grants awarded from FEMA's Public Assistance Grants Program; reviewed approved grants and processes payments with the State of Louisiana and FEMA; and provided guidance and assistance to the sub-grantee to ensure compliance with applicable federal and state laws and regulations; Applicants included Port of New Orleans (primary applicant; \$17,401,787.34 in approved expenses) and City of New Orleans and St. John the Baptist Parish School Board (secondary applicants).

YEARS OF EXPERIENCE

2

EDUCATION

B.S., University of Central Florida, 2008

CERTIFICATIONS & TRAINING

- FEMA Damage Assessments Training

SKILLS

- Microsoft Excel
- Microsoft Word
- Adobe Pro
- Canva
- Critical Thinking
- Problem Resolution

Ms. Groves has 2 years of experience in the disaster recovery industry in private and public sector with expertise in cost analysis, analytics, and database creation. She has translated her previous experience with data collection/analytics and management to the disaster recovery industry. Ms. Groves is very detail oriented and will ensure that the margin of error is little to none when reviewing documentation that needs to be sent to FEMA.

RECENT PROFESSIONAL EXPERIENCE

ROSTAN SOLUTIONS LLC || MULTIPLE LOCATIONS || 2021-PRESENT

Program Consultant

Serves as Program Consultant responsible for organizing, summarizing, and presenting client damage documentation to FEMA. Facilitates data collection to establish proper, required documentation for reimbursements. Monitors claims and ensures eligible reimbursements are received. Prepares requests for reimbursements, quarterly reporting, benefit-cost analysis, and programmatic change requests. Clients include:

FLORIDA		
Babcock Ranch CISD City of Pinellas Park	City of North Port Toscana Isles	City of Pensacola Town of Windermere
LOUISIANA		
Beauregard Parish City of Westlake Town of Lutcher	City of Shreveport St. James Parish Union General Hospital	City of Sulphur Town of Gramercy West Feliciana Parish
MISSISSIPPI		
Panola Medical Center	Quitman Community Hospital	
TEXAS		
Statewide		
USVI		
Catholic Diocese of St. Thomas		
WISCONSIN		
Group Health Cooperative of South-Central Wisconsin		

2. QUALIFICATIONS

2.1 EXPERIENCE OVERVIEW

Rostan has a proven track record of providing debris monitoring services throughout the United States. The projects depicted below, all of which have been completed successfully or are ongoing, summarize our team's experience performing similar services since 2008.

2022			
HURRICANE IAN			
FLORIDA		FEMA DR-4673	
City of North Port	City of Pinellas Park	City of Sarasota	West Port CDD
City of St. Pete Beach	Town of Windermere	Village of Estero	
2021			
SEVERE STORMS, TORNADOS, AND STRAIGHT-LINE WINDS			
KENTUCKY		FEMA DR-4630	
Lyon County			
HURRICANE IDA			
LOUISIANA		FEMA DR-4611	
City of Gretna	City of Slidell	New Orleans City Park	Town of Pearl River
HURRICANE NICHOLAS			
TEXAS			
Brazoria County			
2020			
HURRICANE ZETA			
LOUISIANA		FEMA DR-4577	
New Orleans City Park			
HURRICANE DELTA			
LOUISIANA		FEMA DR-4570	
West Feliciana Parish			
HURRICANE LAURA			
LOUISIANA		FEMA DR-4559	
Cameron Parish			
SEVERE STORMS			
IOWA		FEMA DR-4557	
City of Tama	City of Toledo	City of Gladbrook	
City of State Center	Tama Conservation Center		
HURRICANE ISAIAS			
NORTH CAROLINA		FEMA DR-4568	
Town of Carolina Beach			
2019			
FLOODING			
LOUISIANA		FEMA DR-4462	
West Feliciana Parish			
HURRICANE DORIAN			
SOUTH CAROLINA		FEMA DR-4464	
Charleston County			
TORNADO			
TEXAS			
City of Richardson			
2018			
HURRICANE FLORENCE			
NORTH CAROLINA		FEMA DR-4393	
City of Lumberton	Town of Carolina Beach		
HURRICANE MICHAEL			
FLORIDA		FEMA DR-4399	
Florida Department of Transportation – Liberty County			
2017			
HURRICANE HARVEY			
TEXAS		FEMA DR-4332	
City of Kountze	City of Lumberton	City of Orange	
City of Rose Hill Acres	City of Sour Lake	Hardin County	
City of Piney Point Village			
HURRICANE IRMA			
FLORIDA		FEMA DR-4337	
Broward County Public Schools	City of Belleair Beach	City of Belleair Bluffs	
City of Coconut Creek	City of Coral Springs	City of Dania Beach	
City of Madeira Beach	City of North Port	City of Port St. Lucie	
City of St. Pete Beach	City of Winter Springs	Coral Springs Improvement District	
Martin County	New College of Florida	Sunshine Water Control District	
Town of Indian Shores	Town of Palm Beach	Town of Redington Shores	
Town of Sewall's Point	Town of Windermere	Village of Estero	

2017			
HURRICANE IRMA			
GEORGIA		FEMA DR-4338	
City of Garden City	City of Tybee Island		
SOUTH CAROLINA		FEMA DR-4346	
Charleston County			
HURRICANE MARIA			
COMMONWEALTH OF PUERTO RICO		FEMA DR-4339	
USACE Jacksonville District / Xpert's Inc. Puerto Rico Department of Transportation and Public Works (DTOP) Municipality of Camuy, Puerto Rico			
2016			
HURRICANE MATTHEW			
GEORGIA		FEMA DR-4284	
City of Garden City			
FLORIDA		FEMA DR-4283	
City of Port St. Lucie	Martin County	Town of Sewall's Point	
SOUTH CAROLINA		FEMA DR-4286	
Berkeley County	Charleston County		
FLOODING			
LOUISIANA		FEMA DR-4277	
Iberia Parish			
TORNADO			
VIRGINIA			
Essex County			
2015			
FLOODING			
SOUTH CAROLINA		FEMA DR-4241	
Charleston County			
ICE STORM			
TENNESSEE		FEMA DR-4211	
Cumberland County	White County		
2014			
ICE STORM			
GEORGIA		FEMA DR-4165	
Jenkins County			
2012			
HURRICANE SANDY			
NEW YORK		FEMA DR-4085	
USACE NY District/ECC – City of New York USACE NY District/ECC – Fire Island			
NEW JERSEY		FEMA DR-4086	
20 Boroughs and Townships	NJDEP – Waterway Debris Monitoring		
2011			
HURRICANE IRENE			
VIRGINIA		FEMA DR-4024	
City of Williamsburg	James City County	York County	
EF-5 TORNADO			
MISSOURI		FEMA DR-1980	
USACE KC District – City of Joplin			
EF-5 TORNADO			
ALABAMA		FEMA DR-1971	
City of Birmingham			
2008			
HURRICANE IKE			
TEXAS		FEMA DR-1791	
City of Humble	City of Piney Point Village		
City of Nassau Bay	USACE Ft. Worth District – TxDOT		
LOUISIANA		FEMA DR-1792	
USACE New Orleans District – Cameron Parish			
USACE New Orleans District – Vermillion Parish			

2.2 PAST FIVE YEARS' RELEVANT PROJECTS

DEBRIS MANAGEMENT SERVICES | MULTIPLE PROJECTS TOWN OF WINDERMERE, FL | 2017 • 2022



HURRICANE IAN | FEMA DR-4673 | 13,900 CY | COST: \$90,000

The Town of Windermere, FL is a beautiful enclave in the suburbs of Orlando that is home to a small population of approximately 3,000 people. Though small in geography, Windermere maintains an old-world feel with grand oaks lining many of the Town's original sand and shell streets. Unfortunately, this Town was one of the many impacted by the devastating Hurricane Ian. Within a day of the storm making landfall, Rostan personnel were on the ground ready to work. Rostan was able to quickly hire the necessary local staff and commence the tracking of the debris removal process throughout Windermere. The high winds caused many trees to be impacted, resulting in the collection of nearly 14,000 cubic yards of debris from the public right-of-way.

HURRICANE IRMA | FEMA DR-4337 | 16,400 CY | COST: \$40,000

In the wake of Hurricane Irma, Rostan was contacted by the Town of Windermere, which did not have a standby debris monitoring contract. Hurricane Irma's winds caused extensive damage to the old-growth trees throughout the Town. Rostan was able to identify resources and respond to the Town's needs immediately. Our team monitored the removal of more than 16,000 cubic yards over the course of one month.

Client Contact: Tonya Elliott Moore, Director of Public Works, 614 Main Street, Windermere, FL 34786, 407-876-2563 ext. 5325, tmoore@town.windermere.fl.us

PUBLIC ASSISTANCE, GRANTS FUNDING, AND DEBRIS MANAGEMENT SERVICES | MULTIPLE PROJECTS CITY OF NORTH PORT, FL | 2017–ONGOING



HURRICANE IAN | FEMA DR-4673 | 2.8 MILLION CY | COST: \$4.1 MILLION

North Port, FL is a city of more than 60,000 people and 100 square miles, located on the Southeastern border of Sarasota County. On September 28, 2022, Hurricane Ian made landfall in southwest Florida just below peak intensity as a category 4 hurricane. It was the third-costliest weather disaster on record, and the deadliest hurricane to strike the state of Florida since 1935. The City of North Port was one of the many municipalities affected by this major storm. The impacts were devastating. Many trees were down and many homes experienced flooding and wind damage.

Rostan was contracted to provide debris monitoring and public assistance support services for the City of North Port. Within hours of the storm, Rostan personnel were on the ground hiring local monitors and meeting with the City and contractors to begin work. Rostan monitored nearly 43,000 truck loads of debris totaling approximately 2.4 million cubic yards (CY) collected from the Right-of-Way (ROW) and hauled to three local disposal facilities and 3,500 truck loads totaling approximately 400,000 CY of reduced debris hauled to two final disposal facilities. In addition, Rostan has monitored the removal of over 8,500 hazardous trees and 20,000 hazardous tree limbs from the ROW.

HURRICANE IRMA | FEMA DR-4337 | 48,000 CY | COST: \$470,000

Following Hurricane Irma, North Port was left with hundreds of damaged, hazardous trees and nearly 50,000 cubic yards of vegetative debris littering their roadways. Awarded the City's standby debris monitoring contract in 2014, Rostan served as the debris monitoring firm for the City—coordinating daily with both the hauling contractor and key City personnel to complete debris cleanup in 73 days. Following the cessation of debris operations, Rostan supported the City through the organization and submission project worksheets (PWs) for both "emergency" and "permanent" work under FEMA's Public Assistance (PA) program. In addition, though outside the scope of Rostan's engagement with the City, Rostan staff provided support to the City to help it secure an \$800,000.00 Hazard Mitigation Grant Program (HMGP) grant to purchase and install a backup emergency generator at its City Hall/Emergency Operations Center.

Client Contact: Frank Lama, Solid Waste Manager, 1100 North Chamberlain Blvd, North Port, FL 34286, 941-240-8074, flama@northportfl.gov

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | HURRICANE IAN | FEMA DR-4673
VILLAGE OF ESTERO, FL | 375,000 CY | 2022-2023 | COST: \$640,000



Rostan's work with the Village of Estero is representative of the services we provided to our clients throughout the state following Hurricane Ian. The Village of Estero is a community that covers an area of approximately 25 square miles with a population of 37,000 people. It is located in Lee County, FL just south of Fort Myers. Rostan has served as the Village's on-call debris monitoring consultant since 2017. Rostan was in communication with the Village's Department of Public Works before Hurricane Ian had made landfall in preparation for an imminent deployment. Rostan staff was on the ground October 2, 2022, with debris monitoring activities commencing on October 4. Rostan hired over 30 local employees to serve as debris monitors. Debris monitoring efforts were completed in 91 days and a total of 375,000 cubic yards of storm-generated debris was collected and properly disposed. Over 1,350 hazardous limbs and 47 damaged or uprooted trees were also removed. Additionally, 660 white goods, 555 electronic waste items, and just over 7,700 pounds of household hazardous waste was properly disposed.

Contact: David Willems, P.E., Public Works Director, 9401 Corkscrew Palms Circle, Estero, FL 33928, 239-221-5035, willems@estero-fl.gov

DEBRIS MANAGEMENT SERVICES | HURRICANE IAN | FEMA DR-4673
CITY OF SARASOTA, FL | 114,000 CY | 2022-2023 | COST: \$900,000



In September of 2022, Hurricane Ian made landfall on the west coast of Florida as a category 4 just below peak intensity. Mandatory evacuations were implemented for over 300,000 people along the coast. The City of Sarasota is a densely populated coastal city with a population of over 54,000. Sarasota was substantially impacted, causing power outages and widespread tree damage and storm debris.

Rostan was contracted to provide debris monitoring services for the City of Sarasota. Rostan oversaw the cleanup of more than 4,000 truckloads of debris totaling over 114,000 cubic yards. Additionally, Rostan monitored the removal of over 3,750 hanging limbs and 250 hazardous trees.

Client Contact: Doug Jeffcoat, Public Works Director, 1761 12th Street, Sarasota, FL. 34236, 941-993-3507, douglas.jeffcoat@sarasotafl.gov

DEBRIS MANAGEMENT SERVICES | HURRICANE IAN | FEMA DR-4673
CITY OF ST. PETE BEACH, FL | 3,630 CY | 2022 | COST: \$32,000



Hurricane Ian cast devastation upon a large majority of Florida and the city of St. Pete Beach happened to fall victim to some of the damage. St. Pete Beach is a beautiful city in Pinellas County. It is home to approximately 10,000 full-time residents but is one of the most popular tourist destinations on the west coast of Florida. Rostan was on the ground and ready to work within days of the storm making landfall. Rostan hired local monitors and immediately commenced work in tracking debris removal efforts. This resulted in nearly 4,000 cubic yards of vegetative debris being collected from the public right-of-way and hauled to a temporary disposal site. The debris was then mulched and hauled to a final disposal landfill.

Client Contact: Michael Clarke, Public Works Director, 7581 Boca Ciega Dr, St. Pete Beach, FL 33706, 727-363-9243, mclarke@stpetebeach.org

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | HURRICANE IAN | FEMA DR-4673
CITY OF PINELLAS PARK, FL | 5,200 CY | 2022 | COST: \$12,000



Hurricane Ian was one of the most destructive hurricanes to ever make landfall in the state of Florida. It devastated southwest and central Florida in many different places. Pinellas Park is a city located within Pinellas County that has a population of approximately 50,000 people. Rostan was ready to work as soon as the City requested our services to track the debris removal effort. Although this area was not hit as hard as some other areas, there was widespread damage throughout the City. This resulted in the collection of more than 5,000 cubic yards of debris which was eventually mulched and hauled to a final disposal landfill.

Client Contact: Kyle Arrison, Construction Services Director, 6250 82nd Ave, Pinellas Park, FL 33781, (727) 647-0170, karrison@pinellas-park.com

DEBRIS MONITORING SERVICES | HURRICANE IDA | FEMA DR-4611
CITY OF SLIDELL, LA | 130,000 CY | 2021-2022 | COST: \$325,000



Hurricane Ida was a destructive Category 4 storm that tore through Louisiana in August of 2021. The City of Slidell which is home to nearly 30,000 people was one of the places that was unfortunately affected by this major storm. Many trees were down, and houses saw some flooding throughout the city. Rostan was contracted to provide the debris monitoring services for the City of Slidell. Within days of the storm hitting, Rostan personnel were on the ground hiring local monitors and meeting with the City and contractors to begin work. Nearly 110,000 cubic yards of vegetative debris and nearly 20,000 cubic yards of construction and demolition debris were collected from the right of way and hauled to a disposal site. In addition to the debris collected from the right of way, over 500 hazardous hanging limbs and more than 60 hazardous leaning trees were removed from the ROW.

Contact: Blaine Clancy, P.E., Slidell City Engineer, 250 Bouscaren St., Slidell, LA 70458, 985-646-4270, bclancy@cityofslidell.org

DEBRIS MONITORING SERVICES | HURRICANE LAURA | FEMA DR-4559
CAMERON PARISH, LA | 1.4 MILLION CY | 2020-ONGOING | COST: \$3.3 MILLION TO DATE



On August 27, 2020, Hurricane Laura made landfall in Cameron Parish near peak intensity as a Category 4 storm, tying a record for the strongest hurricane ever to make landfall in Louisiana. It was the 10th strongest hurricane landfall by windspeed in US history. At approximately 1,937 square miles, Cameron is the third-largest Parish in Louisiana by land area. The impacts were devastating. The entire Parish was without power for weeks, months in some areas, and traditional communications were limited. Rostan was selected as the Parish's debris monitoring firm in a competitive procurement in August 2020, just one month prior to Hurricane Laura. Rostan has monitored more than 32,000 truckloads of debris totaling over 1,400,000 cubic yards (CY) collected from the ROW and hauled to 6 disposal facilities. Rostan has monitored the removal of nearly 2,000 hazardous trees and tree limbs, over 4,000 white goods, over 3,000 units of electronic waste, over 46,000 pounds of household hazardous waste, over 300 small engines, nearly 2,000 tires, and 6 vessels. Rostan was also involved in the initial development of the Parish's PPDR program and is involved in its current PPDR operations.

Contact: Katie Armentor, Parish Administrator, Cameron Parish Police Jury, 148 Smith Circle, Cameron, LA 70631, 337-775-2608, karmentor@cameronpj.org

DEBRIS MONITORING SERVICES | FLOODING 2019 | FEMA DR-4462
WEST FELICIANA PARISH, LA. | 246,000 CY | COST: \$600,000



Following the historic flooding event that occurred from May through July of 2019 along the Mississippi River throughout Louisiana, Rostan was activated by West Feliciana Parish to assist in management of debris recovery efforts. The flood inundated certain road sections for months and had accumulated immense flooding debris in low-lying areas adjacent to the Mississippi River.

West Feliciana Parish is located within the greater Baton Rouge metropolitan statistical area. The affected areas were located approximately 2.5 miles west of Saint Francisville, the largest city in West Feliciana Parish. The Parish contains a large nuclear power facility, located on the edge of Saint Francisville, which produces approximately 10% of the electric power demand for the entire state.

Rostan was responsible for surveying and identifying the heavily impacted areas and worked alongside FEMA personnel to establish project-specific eligibility guidelines for debris removal. Rostan monitored the removal of sediment debris from the substantially impacted road sections. During phase 1 of the project, 499 truckloads totaling approximately 9,900 CY of flood debris were removed from specified road sections. Rostan managed and tracked the removal of an additional 236,000 CY of flood debris during phase 2 of the project.

Client Contact: Kenny Havard, Parish President, 5934 Commerce Street, St. Francisville, LA 70775, 225-784-3647, khavard@wfparish.org

DEBRIS MONITORING SERVICES | 2019 TORNADOS
CITY OF RICHARDSON, TEXAS | 71,000 CY | COST: \$100,000



In September 2019, a series of tornados impacted the Dallas/Fort Worth area causing significant destruction. The event was the most devastating natural disaster to impact the Dallas/Fort-Worth area in recent record. A substantial portion of the City of Richardson was severely impacted by the tornados. Entire houses were destroyed in multiple neighborhoods and municipal forces were overwhelmed with debris.

Rostan was contracted to provide debris monitoring services for the City. The City is in the Dallas metroplex, and is comprised of over 28 square miles with a population of over 120,000 residents. The affected area was located primarily in the southwestern portion of the city. A total of 918 truckloads of debris amounting to over 59,000 cubic yards was collected and hauled to disposal facilities. Additionally, 145 truckloads of reduced vegetative debris totaling over 11,000 cubic yards was hauled to disposal facilities.

Client Contact: Eric Robison, Director, Public Services Department, 1260 Columbia Drive, Richardson, TX 75081, 972-744-4224, eric.robison@cor.gov

**PUBLIC ASSISTANCE, GRANTS FUNDING, DEBRIS MONITORING AND MANAGEMENT | MULTIPLE PROJECTS
CHARLESTON COUNTY, SC | 2015 – ONGOING***



HURRICANE DORIAN | FEMA DR-4464 | 615,000 CY • 40,000 TONS | COST: \$1.5 MILLION

Once again, Charleston County suffered the devastating effects of weather. Following Hurricane Dorian in September 2019, disaster debris recovery efforts were underway yet again. The Rostan team was on the ground prior to storm impact to implement the County's disaster debris management plan as soon as possible.

HURRICANE IRMA | FEMA DR-4346 | 15,800 CY | COST: \$230,000

For the third consecutive year, Charleston County fell victim to the devastating effects of weather. After Hurricane Irma hit in September 2017, disaster debris recovery efforts were underway once again. The Rostan team was on the ground mere hours after the storm hit to begin implementing the County's disaster debris management plan.

HURRICANE MATTHEW | FEMA DR-4286 | 425,000 CY | COST: \$1.4 MILLION

While still recovering from the impacts of the 2015 late-season floods, Charleston County was the unfortunate recipient of Hurricane Matthew's initial landfall. Hurricane Matthew profiled the east coast of Florida and Georgia before making landfall inland in Charleston County near the town of McClellanville. Fortunately for the County, tide sequences welcomed the Hurricane at or near low tide, minimizing the flooding impact. This did not spare the County from dramatic vegetative damage and resulted in the collection of more than 400,000 CY by private contractor, as well as an estimated 100,000 CY collected by municipal and County entities. In addition, Matthew resulted in the removal of more than 18,000 hazardous hanging limbs and trees from major arteries and more densely populated areas. Debris collection, processing, and final haul-out efforts concluded after 112 days. Rostan was activated by the County to provide debris monitoring management services augmented by HaulPass®, our proprietary ADMS system. More than 80 employees were used to collect field data and monitor hauling operations. Debris was processed at three primary DMS sites, all staffed by Rostan personnel. Additionally, five final disposal sites, some more than 75 miles away, were utilized.

FLOODING 2015 | FEMA DR-4241 | 31,500 CY | COST: \$2.3 MILLION

Following the historic flooding event during October 2015 throughout South Carolina, Rostan was activated by the County to assist in management of debris recovery efforts. Rostan was responsible for managing and monitoring the removal of C&D, white goods, and vegetative debris from the Right-of-Way (ROW) throughout the County. Optimized by our HaulPass® automated debris management system, Rostan provided rapid reconciliation of debris contractor invoices. Along with our team of debris management experts, local personnel were interviewed, trained and hired to enhance economic recovery of the affected area. In total, more than 30,000 cubic yards of debris was removed during a 30-day period.

In addition, Charleston County was faced with the daunting task of restoring and repairing an extensive network of roads and drainage channels. Charleston County maintains hundreds of miles of drainage canals, stormwater ditches, and unpaved roadways, including canals and roads that are listed on the national register of historic places. Charleston County's initial damage survey found that 222 unpaved roads and 219 drainage structures sustained damages. Rostan was tasked with managing the County's disaster recovery efforts and coordinating these efforts with the Federal Emergency Management Agency (FEMA) and South Carolina's Emergency Management Division (SCEMD). This included preparation of required documentation for project worksheets for Category A—Debris Management, Category B—Emergency Protective Measures, Category C—Roads and Bridges, and Category D—Water Control Facilities. To support these efforts, Rostan reconciled multiple County departments' force account expenditures for Public Assistance (PA) emergency work categories.

Client Contact: Wesley D. Linker, P.E., Technical Programs Manager, Department of Public Works, 4045 Bridge View Drive, Suite B309, North Charleston, SC 29405, 843-202-7626, wlinker@charlestoncounty.org

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | HURRICANE MICHAEL | FEMA DR-4399

FLORIDA DEPARTMENT OF TRANSPORTATION | 525,000 CY | 2018–2019 | COST: \$2 MILLION



FDOT assumed administrative and financial responsibility for Liberty County following Hurricane Michael. Located in the Florida Panhandle and comprised of more than 840 square miles, the County is the least densely populated county in the State with slightly more than 8,000 residents. This, coupled with an extensive road network of nearly 1000 center-line miles, created a unique set of challenges. Within days of Hurricane Michael Rostan's management team was on the ground hiring monitors and certifying haul trucks. Nearly 100 local monitors were hired and trained, more than 525,000 cubic yards of debris collected, and more than 32,000 hazardous trees and limbs removed.

Client Contact: Beverly Renae Sanders, P.E., Florida Department of Transportation, Assistant District Construction Engineer, District Three Construction, 1074 Highway 90, Chipley, Florida 32428, (850) 330-1658, Renae.Sanders@dot.state.fl.us

**DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | HURRICANE FLORENCE
FEMA DR-4393 | CITY OF LUMBERTON, NC | 45,000 CY • 4,300 TONS | 2018–2019 | COST: \$550,000**



The City of Lumberton is located within the state's Coastal Plains on the Lumber River in Robeson County, North Carolina. The City serves as the Seat of the County and sits in the heart of the Lumber River State Park system. The Lumber River is part of the Pee Dee River watershed and serves as water drainage upstream of Lumberton for four other North Carolina Counties. The City has a total area of 15.8 square miles, of which 15.7 square miles are land and 0.1 square mile is water. The City fell victim to extreme local rainfall and to the Lumber River swelling resulting in extensive flooding during Hurricane Matthew and unfortunately once again during Hurricane Florence. Furthermore, much of the city suffered from significant tree damage as a result of Hurricane Florence's sustained winds. As a result of massive waterflow and winds the interior waterway systems of the City acquired significant debris snags and blockages further endangering the local populous and properties. Within 24 hours of the City requesting Rostan's assistance, multiple of Rostan's Senior Level Personnel converged on the city to render aid. Within 36 hours local team members had begun training, trucks had been certified and ROW debris removal operations commenced. Over 45,000 CY of vegetative and reduced vegetative material was been removed from the City ROW's and Public Property including an extensive public Park System and public waterways. Furthermore, over 1,000 tons of C&D were been removed from these locations as well. Over 450 trees were removed and/or mitigated as a public safety hazard.

Client Contact: Robert Armstrong, Director, Public Works Department, 215 S Cedar St, Lumberton, NC 28358, 910-671-3851, ramstrong@ci.lumberton.nc.us

**DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | MULTIPLE PROJECTS
TOWN OF CAROLINA BEACH, NC | 2018 – PRESENT**



HURRICANE FLORENCE | FEMA DR-4394 | 32,000 CY • 450 TONS

Carolina Beach, NC is an island beach community located along the Atlantic Ocean near Wilmington, NC. In September 2018 Rostan was activated by the Town to assist in management of debris recovery efforts from Hurricane Florence. Rostan was responsible for managing and monitoring the removal of C&D and vegetative debris from the ROW throughout the Town. In total, more than 29,000 cubic yards of debris was removed, all monitored and tracked by Rostan using HaulPass®. Following the completion of all debris-related activities, Rostan assisted the Town with the project worksheet for FEMA's Public Assistance (PA) program. In addition, the Town requested Rostan assist with several programmatically complex tasks including the review and editing of a procurement package for debris hauling, a comprehensive review of the Town's Disaster Pay Policy, and to provide as-needed technical support on the Town's PA Alternative Procedures Pilot Program [428] project to improve the municipal marina.

HURRICANE ISAIAS | FEMA DR-4568 | 32,000 CY • 675 TONS


Carolina Beach was impacted again in August 2020 by Hurricane Isaias. Similar to Rostan's role in response to Florence, Rostan provided debris monitoring and PA support services.

Client Contact: Brian Stanberry, Director, Public Works Department, 1121 N. Lake Park Blvd., Carolina Beach, NC 28428, 910-458-8291, brian.stanberry@carolinabeach.org


2.3 REFERENCES

As demonstrated, Rostan has extensive experience providing disaster recovery and program management consulting services to local governments. We value not only our reputation, but also our clients. We have many long-term client relationships, and we are humbled by and proud of our references. We pride ourselves on our speed of delivery, which each client reference will attest to. Provided below are references for relevant projects.


PUBLIC ASSISTANCE, GRANTS FUNDING, DEBRIS MONITORING AND MANAGEMENT SERVICES CITY OF NORTH PORT, FLORIDA

	HURRICANE IAN FEMA DR-4673 • HURRICANE IRMA FEMA DR-4337	
	DR-4673 PROJECT DATE	2022–Present
	DR-4673 DEBRIS TYPES TRACKED	C&D, Compacted C&D, Mulch, Vegetation, Hanging Limbs, Leaning Trees
	DR-4673 QUANTITY MONITORED	2,772,776.60 CY / 20,712 Hanging Limbs / 8,543 Leaning Trees
	DR-4673 PROJECT COST	\$4.1 Million
	MONITORINIG METHOD	HaulPass® Automated Debris Management System
	CONTACT	Frank Lama, Solid Waste Manager Tel: 941-240-8074 Email: flama@northportfl.gov 1100 North Chamberlain Blvd, North Port, FL 34286


DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES VILLAGE OF ESTERO, FLORIDA

	HURRICANE IAN FEMA DR-4673 • HURRICANE IRMA FEMA DR-4337	
	DR-4673 PROJECT DATE	2022–2023
	DR-4673 DEBRIS TYPES TRACKED	C&D, Compacted C&D, Mixed Debris, Mulch, Vegetation, Electronic Waste, Hanging Limbs, Leaning Trees, White Goods, Household Hazardous Waste
	DR-4673 QUANTITY MONITORED	374,646.40 CY/7,712 LB/1,377 Hangers/47 Leaners/ 555 Electronics/213 White Goods
	DR-4673 PROJECT COST	\$640,000.00
	MONITORINIG METHOD	HaulPass® Automated Debris Management System
	CONTACT	David Willems, P.E., Public Works Director Tel: 239-221-5035 Email: willems@estero-fl.gov 9401 Corkscrew Palms Circle, Estero, FL 33928

DEBRIS MANAGEMENT SERVICES CITY OF ST. PETE BEACH, FLORIDA

	HURRICANE IAN FEMA DR-4673 • HURRICANE IRMA FEMA DR-4337	
	DR-4673 PROJECT DATE	2022
	DR-4673 DEBRIS TYPES TRACKED	Mulch, Vegetation
	DR-4673 QUANTITY MONITORED	4,627.60 CY
	DR-4673 PROJECT COST	\$32,000.00
	MONITORINIG METHOD	HaulPass® Automated Debris Management System
	CONTACT	Michael Clarke, Public Works Director Tel: 727-363-9243 Email: mclarke@stpetebeach.org 7581 Boca Ciega Drive, St. Pete Beach, FL 33706

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES CITY OF PINELLAS PARK, FLORIDA

	HURRICANE IAN FEMA DR-4673	
	PROJECT DATE	2022
	DEBRIS TYPES TRACKED	Vegetation
	QUANTITY MONITORED	5,197.00 CY
	PROJECT COST	\$12,000.00
	MONITORINIG METHOD	HaulPass® Automated Debris Management System
	CONTACT	Kyle Arrison, Construction Services Director Tel: 727-647-0170 Email: karrison@pinellas-park.com 6250 82nd Ave, Pinellas Park, FL 33781

3. PROJECT UNDERSTANDING AND APPROACH

3.1 OVERVIEW

Over the past 20 years Rostan has developed a tried-and-true method for managing and implementing debris monitoring projects. Our work plan is founded on a thorough understanding of the required services and incorporates substantial experience and cutting-edge digital platforms to deliver a responsive and comprehensive effort in support of project goals.

Rostan’ approach to debris monitoring projects is grounded by five key principles. Focusing on these principles ensures a safe, cost effective, and efficient recovery project. These principles are identified below:

1	SAFETY	Safety is paramount and tops the list of Rostan’s project management principles. Focusing on the public’s safety and wellbeing first ensures that the primary project goal is always in focus. This extends to the recovery effort itself requiring project employees to place personal safety at the forefront.
2	LISTEN	Listening requires empathy and a desire to understand each client’s unique situation and project goals. Active communication guards against misinterpretation and makes certain all project stakeholders are working toward the same objectives.
3	REINVEST	One of the key goals of any disaster recovery project is to ensure the economic survivability of the community. Rostan uses locally hired residents, resources, and businesses to support our project efforts. This approach guarantees considerable portions of project revenue are reinvested back into the community either directly or through subcontractor participation.
4	RESPONSIVE	An efficient, focused response is critical when communities are dependent on your efforts to recover from devastating disasters. Confidence in the reliability of project partners provides a sense of ease knowing resources will be available during a time of need.
5	FUNDING	Post-disaster grant funding when available is a critical pursuit. Federal funding programs can be onerous and managing the administrative burden time consuming. Our work product is developed to meet the requirements of the applicable funding agencies that administer available post-disaster grants to ensure reimbursement funding opportunities are maximized.

3.2 UNDERSTANDING THE PROJECT

UNDERSTANDING THE CLIENT

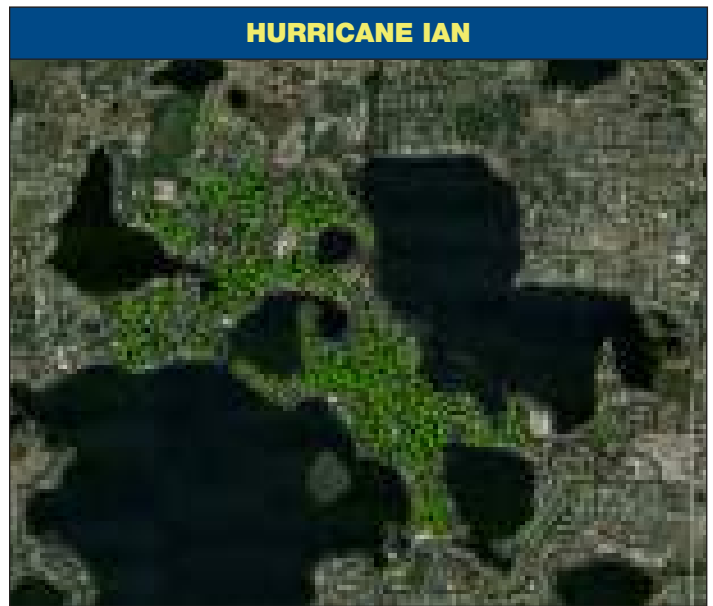
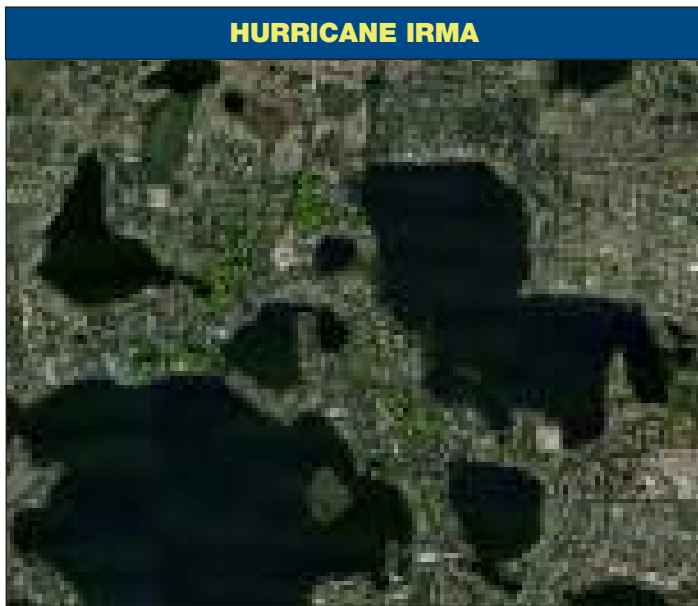
The Town of Windermere is located within Orange County, Florida, and it is part of the Orlando Metropolitan Statistical Area. The Town has a total area of 1.57 square miles and is located on an Isthmus between several lakes of the Lake Butler Chain.



The Town, like most Florida communities, is no stranger to disaster events, particularly hurricanes. Located in the interior of the state, the Town is able to avoid the tidal and surged based flooding that many Florida communities contend with during hurricanes. While this alleviates some risk, it doesn’t mitigate all of them. The Town is still susceptible to riverine and precipitation-based flooding. Additionally, the Town sits directly in the middle of Florida’s “Lightning Belt.” This part of Florida is more susceptible to tornadoes than most due to the frequency of violent thunderstorms.

Having worked with the Town following Hurricanes Irma and Ian, we are intimately familiar with the geography and demographics of the Town. We are also highly experienced serving clients of similar size and similar geographic vulnerabilities.

TOWN OF WINDERMERE DISASTER DEBRIS PICKUP LOCATIONS



UNDERSTANDING THE REQUEST FOR PROPOSALS (RFP)

Rostan understands that the purpose of the Town's RFP is to secure services necessary to augment the Town's recovery efforts should a disaster occur. Based on the RFP and the provided scope of services we anticipate the scope of work to include, but not be limited to the following components:

- Project/Operations Management
- Community Relations Support Services
- Debris Evaluations/Assessments
- Permitting Support for DMS locations
- Coordination with the Debris Removal Contractor and Town Representatives
- Debris Removal Vehicle Certification
- Right-of-Way Debris Collection Monitoring
- Debris Management Site and Disposal Site Monitoring
- Private Property and Demolition Program Management and Monitoring
- Providing an Automated Debris Management System
- Data Compilation, Processing, and Document Management
- Operational Progress and Project Reporting
- Administrative Support Services
- Contractor Payment Monitoring and Reconciliation
- Project Worksheet Development
- Mitigation Program Support
- Related Services Procurement Support
- Damage Assessments/Evaluations
- Long-Term/Recovery Infrastructure Planning
- Appeals & Arbitration (if necessary)
- Compliance and Coordination with State and Federal Agencies

It is anticipated that Rostan employees will perform their dedicated functions on behalf of and at the direction of the Town. Tasks will be delineated through task orders and required work will be performed within negotiated not to exceed budgets.

PROBABLE DEBRIS QUANTITIES

The following estimate was developed using the USACE model for probable debris generation following a hurricane event. The formula for determining the amount of debris is as follows: $Q=H(C)(V)(B)$ where Q represents the quantity of debris generated, H represents the average number of persons per household, (C) is a standard that represents storm category in cubic yards generated per household, (V)

represents the vegetative characteristic multiplier, (B) represents the commercial/business/industrial use multiplier, and (S) represents the storm precipitation character. The model provides a baseline that is confirmed following the storm through visual inspection from the ground and the air.

Based on the most recently available census and geographic data and estimates, it assumed there is an average of 2.69 persons per household in the Town, the vegetation factor is 1.3 (medium), commercial density is 1.0 (low), and the precipitation factor is 1.2 (light to medium). The results of the model run are included in the table below.

WINDERMERE, FL USACE DEBRIS ESTIMATION MODEL						
	STORM CATEGORIES					
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	
Wind Speeds	74-95 MPH	96-110 MPH	111-130 MPH	131-155 MPH	155+ MPH	
ESTIMATED DEBRIS QUANTITIES						
Population (H)	3,000	1,132	1,132	1,132	1,132	1,132
Category Factor (C)		2	8	26	50	80
Vegetation (V)		1.3	1.3	1.3	1.3	1.3
Commercial Density (B)		1.0	1.0	1.0	1.0	1.0
Precipitation (S)		1.2	1.2	1.2	1.2	1.2
Q= H(C)(V)(B)(S)		3,532 Cubic Yards	14,128 Cubic Yards	45,917 Cubic Yards	88,302 Cubic Yards	141,283 Cubic Yards
TEMPORARY DEBRIS MANAGEMENT SITE REQUIREMENTS						
Debris Cubic Yards		3,532	14,128	45,917	88,302	141,283
Acres Required*		1	1	3	6	9
* 1 Acre = 4,840 Cubic Yards 10 Foot Stack Height = 3.33 Cubic Yards Total Volume Per Acre = 16,117 Cubic Yards						

Note: The USACE model had an error range of +/-30%. Post-event visual reconnaissance of the affected area is required to validate the results.

CAPACITY

As a nimble, client-focused firm, Rostan understands the importance of resource management. We never over-commit our resources ensuring our clients always have timely access to the valued expertise and support they would expect. Our strategy is to selectively pursue, develop, and maintain client relationships that we believe to be beneficial to both parties. We have always limited the number of pursuits we undertake by both geography and population served while considering our current standby obligations in those areas.

We can ensure a technically skilled and seasoned team will always be available to the Town without compromise.

RESPONSE GUARANTEE

We take our response guarantee seriously. While many firms commit on paper, we have never failed to deliver on our promise to be responsive within the timeframes requested. Rostan confirms our commitment to the Town that we are able and willing to provide mutually agreed upon resources within 48 hours of the mobilization notice. This includes appropriate personnel and equipment necessary to implement an equipment certification site, conduct a preliminary damage assessment if necessary to develop a debris collection plan, and debris monitors to properly document the initial debris collection effort.

TASK	GUARANTEED RESPONSE TIME
Pre-Event Coordination and Planning	>96 Hours prior to event
Remote Staging of Equipment and Personnel	24 Hours prior to event
Mobilize Project Resources to Begin Operations	<48 Hours after the event
Fully Operational	<7 days after the event
<i>**In the case of an unpredictable event, our guaranteed response time is within 72-hours of notification</i>	

3.3 DEBRIS MONITORING OPERATIONS AND MANAGEMENT

Working in coordination with the industry’s most prominent debris hauling companies to achieve client goals, Rostan provides a professional, well managed, and responsive operation coupled with quality project deliverables that support funding reimbursement pursuits. This section identifies our role in providing these services, the tasks associated, and the data management and collection platforms we have developed to support these efforts. HaulPass® has become an integral component of nearly every debris monitoring task Rostan performs and as such will be mentioned frequently throughout this section. For greater detail on the HaulPass® system, please refer to *Section 4.1 Automated Debris Management Systems (ADMS)*.

Rostan’s approach to providing debris monitoring services has been honed through our response efforts in support of clients following dozens of major disasters and is consistent and compliant with FEMA guidance and program policy (e.g., *Public Assistance Program & Policy Guide FP-104-009-2/June 2020, Public Assistance Debris Monitoring Guide/ March 2021*, and supplementals).

PLANNING AND SEASONAL TRAINING

Rostan encourages off-season engagement to prepare and plan for future potential events. Part of this planning process incorporates annual review of operating plans, service contracts, and DMS site availability and permitting. This value-added service is intended to bring project stakeholders together and define recovery strategies.

Disaster Debris Management Plans (DDMP) are typically reviewed during offseason planning sessions, amended as needed, and appended to Comprehensive Emergency Management Plans. Rostan can review the Town DDMP and would welcome the opportunity to conduct a thorough review and update the components as necessary.

Included in the following Table is a sample Debris Monitoring Plan. Rostan will develop a similar plan through coordination with the Town to flesh out details and responsibilities with the goal of ensuring that all support functions have accountable resources.

PRELIMINARY DEBRIS MONITORING PLAN		
DEBRIS MONITORING TASKS	ACTION ITEM	TIMELINE
PRE-EVENT TASKS		
PLANNING AND COORDINATION	Summarize operational and communications plan, DMS locations, and logistics and staging areas	During off-season and 72 hours prior to mobilization
INITIAL PRE-EVENT COORDINATION	Telecommunications and/or in-person contact with client	72 hours prior to mobilization
DEBRIS CONTRACTOR COORDINATION	Place debris contractor on stand-by	72 hours prior to mobilization
OEM AND FEMA COMMUNICATION	Coordinate OEM and FEMA client public assistance conference calls	As requested
LOGISTICS AND OPERATIONS COORDINATION	Implement preliminary mobilization of Rostan Reserves	72 hours prior to field operations launch
	Preliminary staging of field kits	72 hours prior to field operations launch
	Initiate Event Manager/HaulPass® data and GIS database	72 hours prior to field operations launch
PRE-EVENT COMMUNICATION	Prior to a disaster event the Project Manager and/or Town Liaison will participate in conference call to discuss event status with staff and contractors	Occurs daily morning and afternoon within 72-hour field operations launch window
	Prior to a disaster event the Project Manager and/or Town Liaison will report to the EOC or other designated forward staging area	Report as requested
DEBRIS MONITOR MOBILIZATION	Mobilization of Rostan Reserves	Incident occurrence is imminent
	Implement Rostan staff recruiting plan	72 hours prior to field operations launch
	Remote staging of equipment and personnel	72 hours prior to field operations launch
POST-EVENT TASKS		
ADMINISTRATIVE TASKS	Obtain Presidential Disaster Declaration	6 to 48 hours after mobilization
	Obtain Notice to Proceed/Issue Certificate of Insurance	Incident occurrence to 48 hours after
	Continue with staffing plan implementation and training	6 hours after field operations launch and until the end of the debris mission

PRELIMINARY DEBRIS MONITORING PLAN

DEBRIS MONITORING TASKS	ACTION ITEM	TIMELINE
OPERATIONS MANAGEMENT TASKS	Perform preliminary damage and debris assessments	2 to 48 hours after incident
	Evaluate Debris Management Sites (DMS)	2 to 48 hours after incident
	Perform preliminary debris cost estimate	2 to 48 hours after incident
	Update GIS Map with debris zones	2 to 48 hours after incident
	Compile and issue Daily Report	Daily beginning 1st day of operations
	Obtain Permit or appropriate approvals for DMS locations	12 hours after incident until all necessary DMS locations are operational
MONITOR DEBRIS CONTRACTOR FIRST PUSH	Monitor equipment and labor hours of debris contractor equipment that is mobilized utilizing T&M daily log forms	70-hour T&M period
MONITOR RIGHT-OF-WAY DEBRIS COLLECTION	1st Pass – Monitor debris contractor crews collecting eligible disaster debris from public ROWs and public property	Week 1 through Week 6
	2nd Pass – Monitor debris contractor crews collecting eligible disaster debris from public ROWs and public property	Week 7 through Week 10
	3rd Pass – Monitor debris contractor crews collecting eligible disaster debris from public ROWs and public property	Week 11 through Week 12
MONITOR SPECIAL WASTE COLLECTION	Monitor debris contractor crews collecting eligible special waste disaster debris such as appliances, stumps, leaning trees, hanging limbs, and HHW etc. from public ROWs	Week 5 through Week 12
DMS OVERSIGHT AND MONITORING	Document pre-DMS conditions with photographs and other means as required by regulatory agencies	1st week until debris mission complete
	Observe debris contractor operations at the site to assure environmental compliance	1st week until debris mission complete
	Perform “load calls” of debris contractor debris loads	Throughout mission
	Monitor debris contractor upon exit of DMS	Throughout mission
	Document post-DMS conditions with photographs and other means as required by regulatory agencies and that site is restored to original condition	Following completion of debris removal activities
MONITOR CITIZEN DROP-OFF SITES	Document pre-site conditions with photographs and other means as required by regulatory agencies	Prior to opening DMS locations
	Document and record residents and debris drop-off	Throughout mission
	Observe debris contractor operations at the site to assure environmental compliance. Document the amount of debris processed	Throughout mission
	Document post-site conditions with photographs and other means as required by regulatory agencies and that site is restored to original condition	Following completion of debris removal activities
MONITOR FINAL DISPOSAL	Obtain documentation that final disposal location is permitted and approved for the debris material	1st week until debris mission complete
	Monitor final disposal of debris contractor and obtain scale record or load manifest	Throughout mission
DATA MANAGEMENT/ HAULPASS EVENT MANAGER	Manage and facilitate roll-based access and use of HaulPass	Throughout mission
	Establish API or system integrations with project stakeholders	As requested
	Perform debris contractor invoice reconciliation	As invoices are submitted by debris contractor
	Issue applications for payment of debris contractor invoices	As invoices are submitted by debris contractor
	Coordinate and facilitate data transfers request from debris contractor, state and federal personnel	Throughout mission
CALL CENTER	Operate and staff call center in coordination with CIC	As requested
WATERWAY DEBRIS REMOVAL MONITORING	Monitor debris collection crews collecting eligible debris from area waterways	If needed
MONITOR PRIVATE PROPERTY DEBRIS REMOVAL	Manage PPDR program	If needed
DEMOLITION OF STRUCTURES ON PRIVATE PROPERTY	Manage Demo program	If needed
PROJECT CLOSEOUT	Provide electronic documents for reimbursement support	Mission completion

STAFFING

Rostan Reserves—Staff reserves consist of cadres of veteran disaster debris monitoring personnel identified and assembled over years of responding to disaster events nationwide. These staff reserves allow us to supplement our deployment efforts while engaging and training locally hired staff. Rostan staff reserves are well versed in FEMA regulations and guidelines, such as *FEMA 325, 327, 329, Public Assistance Debris Monitoring Guide / March 2021*, and *Public Assistance Program & Policy Guide FP-104-009-2 / June 2020*.

Recruiting and Additional Personnel—Due to the increase of disaster events in recent years, Rostan has developed a traveling labor force that responds to debris monitoring job opportunities nationwide. Our goal in any disaster recovery effort is to hire locally to the greatest practical extent. We believe that maximizing the use of locally hired personnel not only helps the community recover more quickly but it also provides for operational efficiencies due to familiarity with neighborhoods, roads and traffic patterns, and local culture. Rostan utilizes modern mediums of outreach such as social media and internet job posting sites, while also employing “old fashioned” techniques, such as “word of mouth,” and accessing potential local candidates through veteran organizations, religious organizations, and local labor surplus offices. We generally refrain from using paid, third-party employment agencies. Our experience leads us to believe that these agencies are not properly invested in the well-being of the candidates nor the community.

HEALTH AND SAFETY

Rostan’s health and safety approach is based upon our lessons learned, near misses, industry best practices, applicable federal, state, local regulations, and contractual requirements. Rostan will designate a health and safety officer for the duration of the project to support field operations with respect to health and safety protocols and procedures established in the Health and Safety Plan (HASP). Rostan will develop a HASP that addresses health and safety procedures for the overall debris monitoring field operation, each DMS, each citizen drop-off site, and final disposal sites.

Each debris monitor is provided with field training, including an emphasis on hazards and vulnerabilities and methods to reduce risk on the job site. These topics are covered in our field training guides. Rostan provides required personal protective equipment that field personnel must wear while working in designated work areas. Each operating day begins with a morning operational and safety meeting attended by all field personnel.

Typical Rostan personal protective equipment (PPE) consists of:

Safety Hat • Safety Glasses • Safety Vest • Steel-Toe Work Boots • Mobile Phone • Ear Plugs

Additional PPE is available as operational parameters may dictate, e.g., life vests, dust masks, sun screen, insect repellent, work gloves, etc.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC)

Rostan personnel at all levels are aware of the importance of providing a quality work product. We will provide a designated QA/QC Officer to oversee Rostan’s operational performance and support the Project Manager, Operations Manager and Field Supervisors in implementing our QA/QC protocols and procedures..

QA/QC TASKS GENERALLY INCLUDE BUT ARE NOT LIMITED TO:
Daily review of HaulPass® ticket data, scale receipts and other manifests
DMS permit application review and approvals
Reconnaissance of current debris zones for daily progress
Random re-certifications of debris contractor vehicles
Random health and safety inspections and audits
ADDITIONALLY, THE HAULPASS® SYSTEM PROVIDES SIGNIFICANT QA/QC FUNCTIONS FOR:
ROW Monitor location tracking and performance measurement
Damage resolutions
GIS-based debris collection progress mapping
DMS Monitor performance measurement and audits
Debris contractor performance measurement and resource allocation
Debris contractor invoice reconciliation
Reimbursement support documentation audit

FIELD OPERATIONS AND REPORTING

Operations Management—Includes priority communication with debris removal contractors and community stakeholders on a daily or more frequent basis as needed. Each day begins with a meeting in the field, assigning crews and monitors to areas of operation and establishing the collective operating goals for that day. At the close of each operating day, contractors, Rostan representatives, and community stakeholders will meet to plan for the following operating day. Field monitors are deployed with debris contractor crews to monitor the loading of trucks and to issue load tickets. We provide area field supervisors that are responsible for a defined geographic area in support of monitoring efforts. Our supervisors will work closely with debris contractor supervisors to anticipate, and address changing field conditions, manage communications, deploy field staff, and adjust as necessary to efficiently manage debris collection operations. In addition, we will coordinate and communicate with the Town regarding overall debris recovery status, debris contractor performance and provide daily operations status updates.

Reporting—Rostan provides daily reporting to document each day’s activities and capacity. Reports are typically released by 12:00 PM noon, on the following operating day unless another reporting deadline is required. The HaulPass® website is accessible via a web interface to view current operational information such as:

Debris volumes collected by debris type
Debris volumes hauled by type
Debris quantities by DMS
Equipment certification totals

More information about Rostan’s reports are included under *Section 4.1 Automated Debris Management Systems (ADMS)*.

PRELIMINARY DEBRIS ASSESSMENTS

Within 24 – 48 hours of activation, Rostan will assist the Town with debris estimates similar to the function we performed following the 2019 tornado to support the major disaster declaration request. Debris estimation is critical to determining the type and size of a debris recovery operation and helps set recovery expectations, timeframes, and goals. Preliminary debris estimates are based on modeling and confirmed by aerial, topographical, and visual reconnaissance of the affected area. Field estimates are typically gathered by surveying a representative sub-set of each community and extrapolated to develop a damage picture for the affected area. Following Hurricanes, this may be Town-wide. Following floods or other more localized events like a tornado, the affected area may be isolated to certain neighborhoods or geographic subsets.

MONITORING FIRST PUSH/CUT AND TOSS

Following an extreme event, an initial push may be required as soon as possible following the “all clear”. Critical arteries and emergency response routes are prioritized and cleared of fallen trees, limbs, and other disaster debris by teams of debris contractors, electric company crews, local client crews and Rostan monitors. The debris clearance phase may go beyond the FEMA 70-hour allowable time and materials window under certain scenarios.

If requested, Rostan will provide monitors to document and record time and materials efforts during the debris clearance phase. Rostan can and will facilitate the administration and management of documentation to be provided in support of project worksheet development for Category B reimbursement from FEMA. Rostan will perform the following tasks during the debris clearance phase:

Certify and placard equipment and vehicles
Assist with documenting and prioritizing roads for immediate clearance
Capture time and materials efforts by Town personnel, contractor staff crews, and volunteers
Manage the time and materials information collected daily
Issue a daily report of roads cleared, road status and schedule, and other salient data
Review and reconcile contractor and supplier invoices
Compile and provide information for all Category A and B PWs

RIGHT-OF-WAY (ROW) DISASTER DEBRIS COLLECTION MONITORING

Right-of-Way (ROW) monitors are trained with respect to FEMA *Public Assistance Program & Policy Guide FP-104-009-2/June 2020* and *Public Assistance Debris Monitoring Guide/March 2021* guidance. Our training also includes health and safety components, eligibility

requirements specific to the local, state, and federal regulations, and debris contractor monitoring. Rostan's Operations Manager and Supervisors work closely with the Town and debris contractor personnel to provide ROW Monitors for each debris crew mobilized by the debris contractor. Rostan's Operations Manager and Supervisors are responsible for ROW Monitor training, scheduling, deployment, QA/QC, as well as reacting to daily changes associated with debris contractor crews, monitor issues and FEMA inquiries.

Each Rostan ROW Monitor will be equipped with a HaulPass® handheld unit as well as all necessary field equipment and required health and safety personal protective equipment (PPE). Rostan ROW Monitors are capable of performing any of the tasks listed below:

- Monitor eligible disaster debris collection from ROW and public property
- Initiate a HaulPass® load ticket for each eligible load of disaster debris
- Monitor debris contractor activities
- Report Health & safety concerns
- Report and document property damage or accidents
- Monitor collection of special waste such as appliances, HHW, etc.
- Mobilize and de-mobilize daily

SPECIAL WASTE MONITORING

Special Waste is disaster debris material that is typically collected separately from Vegetative and C&D storm debris. The most common special wastes include:

- White Goods
- Household Hazardous Waste (HHW)
- Hazardous Stumps
- Hanging Limbs
- Leaning Trees
- Abandoned Vehicles
- Derelict Boats

Rostan Special Waste Monitors are experienced ROW Monitors that have received additional training and experience monitoring special wastes. Rostan assigns a monitor to each debris contractor special waste crew. Rostan's Operations Manager coordinates closely with the debris contractor to facilitate a safe and efficient operation. Rostan monitors use HaulPass® to document each eligible debris item (e.g., hazardous stump, refrigerator, etc.) with photographs tagged with GPS coordinates and any footnotes.

HAZARDOUS TREES AND STUMPS

Trees are highly susceptible to wind damage especially over prolonged periods of sustained high winds. Saturated ground conditions often exacerbate the situation. It is not uncommon for communities to remove thousands of trees and limbs following even moderate events. As a result, FEMA authorizes the removal of substantially damaged trees, damaged limbs, and stumps from trees that have fallen. As the costs for this type of work can be expensive, it is critical that a debris monitoring provider understand the governing policy and have the wherewithal to effectively document the work as it is being performed. Rostan has monitored the removal of hundreds of thousands of damaged trees, limbs, and stumps, and has developed specific modules within HaulPass® to handle the documentation requirements for these unique debris streams.

HaulPass® tree modules are designed to capture the work type, the associated diameter, and photo document the required work prior to and after it is conducted. The tree work module also has built in parameters that reject trees and limbs with diameters below eligibility requirements and includes handy reference language regarding the criteria that qualify trees, limbs, and stumps.

Rostan selects only the most efficient and competent debris monitors to observe and document tree work due to the advanced eligibility and documentation requirements.

CANAL, DRAINAGE, AND WATERWAY DEBRIS MONITORING

Removal and monitoring of debris from canals and waterways increases the complexity and potential danger of a typical ROW debris management event and requires special considerations. Rostan has extensive experience monitoring debris removal from navigable and non-navigable waterways. Given the cost associated with this type of debris removal, it is imperative that debris, along

with hazardous limbs and trees, be completed in a “single pass” if possible. To support a single pass effort, Rostan will conduct a comprehensive survey of the area of concern to catalogue debris and tree work. Collection of this type of information allows critical planning to occur prior to mobilizing collection resources. Once completed a drone may be used to video record the area. This information is useful in dealing with concerned residents whose properties abut drainage systems such as canals. It is our policy to provide an experienced monitor for each debris collection crew.

<p>TYPES OF DEBRIS FIELDS INCLUDE:</p> <p>Storm drains, catch basins, and flood control ditches Canals, streams, rivers, and inland waterways Bays, beaches, and channels</p>
<p>TYPES OF DEBRIS MAY INCLUDE:</p> <p>Displaced damaged structures such as buildings, docks, pillars, etc. Derelict vessels and vehicles Vegetative storm debris such as tree trunks, limbs, etc. C&D debris Displaced sand and soil Dredge spoils</p>

Rostan understands the importance of taking additional safety precautions when performing debris monitoring in waterways.

DEBRIS MANAGEMENT SITE (DMS) SELECTION AND APPROVALS

Effective debris management begins with the identification of potential DMS locations. We will assist the Town in obtaining necessary approvals and permits from local, state and federal agencies for each site. Initially, our project team coordinates with the Town to obtain relevant information such as current site ownership, current site use, right-of-entry considerations for privately owned sites, planned reduction methodologies for each site, and Town-specific objectives for each site. We then can collect baseline data on the designated DMS consistent with federal, state and local requirements and in general accordance with FEMA guidelines. Baseline data collection and monitoring activities are focused on achieving successful and timely site closure. Information obtained for each site is compiled into a baseline DMS report, as well as a closure report that we prepare after all debris has been removed from the site. If requested, we conduct both baseline and closure groundwater and soil sampling to document conditions prior to and after debris management activities and establish whether the DMS was adversely affected by these activities.

MONITORING DMS OPERATIONS

We conduct frequent observations throughout the debris management process as debris is stored, reduced, and removed from various DMS sites, and until site restoration to pre-disaster condition is complete. We evaluate the debris contractor’s procedures for proper storage, management, and disposal of all debris types and advise the Town of any potential issues that could affect reimbursement funding. We also can provide drone imagery to document overall site activities during debris management operations.

Following debris operations, our project team will prepare a DMS closure report documenting the site conditions upon closure. This report compares baseline and closure environmental conditions that typically includes a comparison of analytical data collected as well as photographic documentation for visual comparison. Rostan DMS-related monitoring tasks may include:

<p>DMS selection and approval assistance</p> <p>Development of criteria for management of a DMS</p> <p>Inventory of all sites handling debris (such as DMS locations, landfills, staging areas, citizen drop-off sites, etc.)</p> <p>Permitting and coordination needs for DMS locations, including communications with state and local regulatory agencies</p> <p>Performance of baseline data collection including photos and/or video of each DMS, current site layout sketch, documentation of physical features, current land use, current structures, use or storage of chemicals (past or current) on-site, and other relevant information</p> <p>Development of a sampling plan for each DMS including sampling locations, specific media, and analytical parameters, if required</p> <p>Performance of baseline soil and groundwater sampling, if required</p> <p>Ongoing DMS monitoring</p> <p>DMS closure</p> <p>Preparation of a DMS baseline and closure report for each site</p>
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TOWER MONITORING AND LOAD CALLS

Rostan provides Tower Monitors that have extensive experience in DMS monitoring activities and have worked with us on previous disaster recovery events. Rostan Tower Monitors understand debris site management and equipment. It has been observed by others that Rostan Tower Monitors are among the most professional and technically competent in the industry. Our monitors are trained to verify the truck volume, identify truck modifications, accurately make the load call, document daily volumes managed, and observe contractor activities.

EQUIPMENT AND VEHICLE CERTIFICATION

Rostan has experienced and fully dedicated and equipped certification teams prepared to deploy immediately following an event in order to identify potential equipment certification site(s), establish the certification site(s), oversee certification operations, certify equipment, and provide accurate record keeping maximizing reimbursement. Certification can be generated cubic yardage and/or tonnage. Rostan certification teams are experienced with volumetric measurement and calculations for all types of debris contractor vehicles and equipment used in the industry. Our certification staff follow Rostan's standard operating procedures which are consistent with FEMA *Public Assistance Program & Policy Guide FP-104-009-2 / June 2020* and *Public Assistance Debris Monitoring Guide / March 2021* and contain some of the following components:

HaulPass® System Equipment/Vehicle Certification Form
HaulPass® Smartcard and Placard Issued for each vehicle or piece of equipment
Debris contractor Safety Checklist verified
Random QA/QC Re-Certifications – conduct random audits of contractor equipment to ensure the volume is consistent with the original placard

Rostan utilizes HaulPass® for digitally recording, storing and managing the information associated with each piece of equipment. More on the HaulPass® role is included in the Certifications subsection of *Section 4.1 Automated Debris Management Systems (ADMS)*.

Rostan certification teams can certify 24 hours per day, 7 days per week if required.

PPDR PROGRAM MANAGEMENT

Typically, FEMA does not provide federal support for work conducted on private property. In certain instances, eligible applicants can apply for federal support for this type of work if the extent of damage is extensive and deemed harmful to a community at-large. Private Property Debris Removal (PPDR) and Structural Demolition work in accordance with federal, state, and local requirements can require extensive logistical coordination, detailed record keeping, and operational aptitude. Rostan is highly adept at providing and managing all three of these aspects. Since 2011, Rostan has had the opportunity to serve multiple clients in this capacity.

This experience has allowed us to refine our approach to PPDR/Demolition projects. Initial focus is placed on determining the areas of impact and conducting site evaluations to determine the extent of damages and formulate site specific management plans. Historically, these site evaluations have involved FEMA and other governmental agencies such as the Florida Department of Environmental Protection (FDEP).

Once properties are identified they are placed into a queue that generally follows the FEMA 19-point checklist. This checklist includes processes that must be followed to remain eligible for reimbursement funding and conduct a safe debris removal effort. Some of these processes are lengthy and can consume considerable amounts of time therefore it is critical to implement appropriate project management tools and coordinate processes simultaneously.

A Right-of Entry (ROE) agreement signed by the property owner or the owner's authorized agent is required for each project site on private property. Without this document municipalities and their representatives do not have legal authority to access the property. At times, these are easy to obtain, and residents voluntarily submit them. In other times, residents have been displaced or even worse deceased, due the disaster. In instances where volunteered authority is not an option it is critical to have a consultant with experience in these matters. Rostan has this experience and has assisted with tracking down displaced residents and next of kin and developed paths forward whether it's through code enforcement and condemnation procedures or other alternatives. Rostan has developed a comprehensive data collection platform called Parcels tailored specifically to help manage PPDR/Demolition Programs. More on Parcels is included in *Section 4.1 Automated Debris Management Systems (ADMS)*.

ADDITIONAL MONITORING RELATED SERVICES

DRONES

Rostan may deploy drones in support of operations, data collection, and reporting objectives. Drones provide an aerial “set of eyes”, generating unique perspectives and the ability to access areas that are otherwise difficult to reach by traditional means. Drones can help locate debris in remote areas, capture baseline, ongoing, and post-event site conditions at DMS locations, and be used as a debris estimating tool. While drones have been around en masse for a number of years now, their utilization to support debris removal projects is just fully being realized.



CALL CENTER

Rostan can establish a call center for residential inquiries, claims reporting, and management of claims resolution if needed. This call center can be established locally or managed from one of our permanent office locations.

PUBLIC INFORMATION ASSISTANCE

Rostan can develop public notices, documents, narratives, and memos to support Town public information efforts and can support the Town PIO on an as-needed basis.

CONTRACT INVOICE REVIEW AND PAYMENT APPLICATIONS

Rostan will review, validate and reconcile debris management contractor(s) invoices prior to submission to the Town for processing. Rostan will conduct a meeting at the beginning of the debris management operation to fully explain the process to the Town and debris contractor(s) representatives. All invoices from the debris contractor(s) shall be directed to Rostan for reconciliation with field data collection databases.. Within seven (7) calendar days of receipt, invoices shall be reviewed by Rostan to be accepted or rejected. Rostan will issue in writing to the Town and the debris contractor the acceptance or rejection of the invoices and a payment recommendation. If the invoice is rejected, Rostan will clearly state the reasons for rejection and work with the debris contractor to resolve immediately.

DAMAGE CLAIMS

Rostan will coordinate with Town personnel to respond to any potential property damage claims resulting from the debris removal process. This includes damage to private property and damage observations to public facilities like road surfaces or drainage. Road damages resulting from debris removal efforts can be potentially be pursued as damages claimed as a result of a disaster event through FEMA's PA program. Rostan is pleased to provide our damage complaint tracking service built into the Tag Items feature in the Haulpass® toolbox. More information about Tag Items can be found in Section 4.1 Automated Debris Management System (ADMS).

ATTENTION!

Storm-generated debris removal crews are expected to be in your area within the next 24–48 hours.

Please separate your debris and place in the road right-of-way.

**** Black trash bags will be considered household garbage ****
**** and will NOT be picked up as part of this program. ****
**** If you must bag your storm-generated debris, please use clear plastic bags. ****

QUESTIONS? Please contact:

3.4 FEMA REGULATIONS AND PROCEDURES

As an integral part of debris monitoring consulting, Rostan provides financial consulting services to its clients as required to support the grant application and reimbursement process. We understand the dynamics of disaster recovery financial planning, resource allocation, as well as the need for financial stability. We have extensive experience in representing clients' costs to state and federal agencies responsible for administering grant programs.

Over the years, we have sought and secured more than \$5 billion dollars in grant funding for our clients. This includes funding through FEMA's PA and HMGP programs, FHWA, HUD CDBG grants, HHS, and NRCS. We take great care to ensure that our data collection and documentation efforts are secure, complete, and done in accordance with the guidance and policies of the appropriate funding agency. This includes continuing education efforts and ensuring that our decision-making personnel are up to speed with disaster-specific policies.

REIMBURSEMENT REQUESTS

Rostan can effectively manage eligible and ineligible items, provide appropriate and specific documentation of expenses, and direct allocation of costs to the appropriate funding source when match is required / multiple programs provide funding. The contract instrument, allocation of funding shares is delineated, and any prevailing limits or restrictions on specific funds are clearly outlined and structured.

DOCUMENTATION

Sub-grantees are required to maintain and submit specific documentation to the grantee to ensure complete and accurate documentation to demonstrate programmatic and financial compliance with all applicable regulations and guidance. Reimbursements will be unable to be processed unless all required documentation is complete and submitted. Rostan will assist with the maintenance of all documentation in an acceptable format and dovetail with program workflows and procedures, streamlined for review and auditing purposes. During project implementation, sub-grantees must submit quarterly reports, thoroughly documented requests for reimbursement, and maintain their project file. Rostan will ensure that these requirements are fulfilled for each grant / program as requested.

COMPLIANCE

It is critical that federal aid programs comply with all Environmental, Historic, Public Health & Safety Requirements/ Legal Requirements. Rostan will work closely (training, outreach, SOPs, site visits, and desk review) with the Town to ensure full compliance with all applicable laws, regulations, and other programmatic and financial requirements including all environmental, historic, and public health and safety requirements. Rostan will monitor project and grant activities, including checklists, database records, quarterly reports, site visits and conference calls to assure that all legal requirements of both programs are satisfied.

CLOSEOUT

To minimize challenges with the project close-out process, Rostan begins accounting for close-out on day one of implementation, ensuring details are not forgotten or documents misplaced by the time closeout preparation efforts begin. File review and monitoring will take place throughout the project life to minimize corrective actions at the end of a project. A project close-out process will be recommended to ensure that all contractual and programmatic requirements are satisfied. A final inspection or deliverables review is conducted after the project is 100% complete.

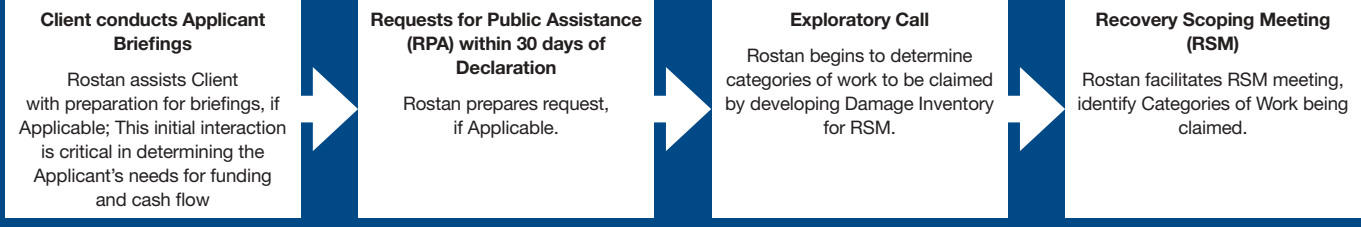
AUDIT ASSISTANCE

Rostan will provide audit coordination and assist the Town with responding to audit findings as necessary. This will be accomplished by thorough involvement in the review of audit findings with applicable auditors. In addition, the team will be available to provide feedback on corrective action plan development. Once a corrective action plan is finalized, the team will assign staff resources to follow-up on all corrective action plan elements and timelines to ensure that audits are resolved in a timely fashion.

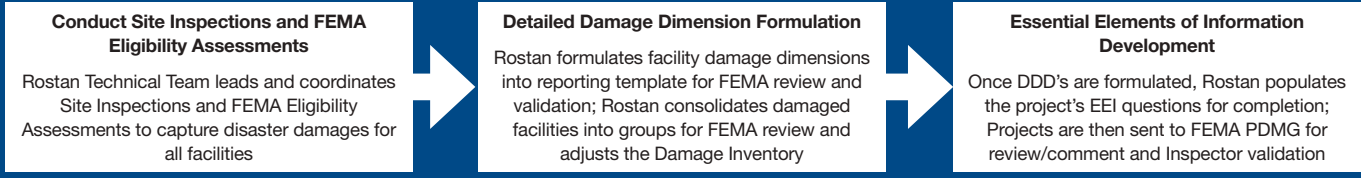


PA PROGRAM DELIVERY PROCESS

PHASE 1: OPERATIONAL PLANNING & APPLICANT COORDINATION



PHASE 2: ASSESSMENTS AND ELIGIBILITY – SITE INSPECTION, DDD FORMULATION, EEI DEVELOPMENT



PHASE 3: SCOPING AND COSTING VALIDATION



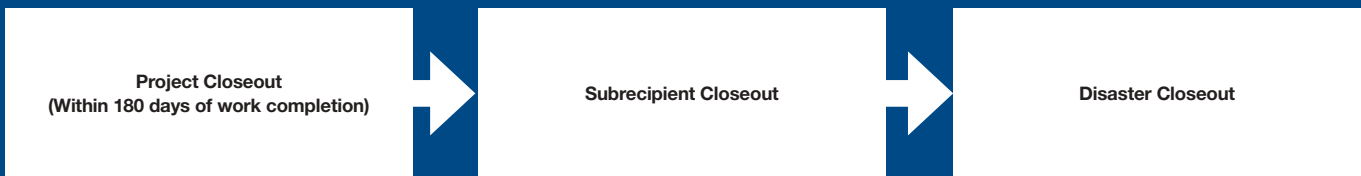
PHASE 4: OBLIGATION / AWARD or APPEAL PROCESS



PHASE 5: POST-AWARD MONITORING & AMENDMENTS



PHASE 6: FINAL RECONCILIATION & CLOSEOUT



4. DEBRIS MANAGEMENT SYSTEMS AND TRAINING MANUAL

4.1 AUTOMATED DEBRIS MANAGEMENT SYSTEM [ADMS]

HAULPASS®: BACKGROUND



Following Hurricane Katrina in 2005, while on deployment for the US Army Corps of Engineers (USACE), Rostan was responsible for the management, administration, and reconciliation of more than 25 million cubic yards worth of paper load tickets. This experience challenged Rostan to develop a better, more secure, and reliable approach to debris monitoring and the immense administrative burdens that encumbered the industry’s traditional approach. HaulPass® was developed and piloted to USACE in early 2006, proving to be a better approach that would become the industry benchmark for years to come.

For nearly 5 years, HaulPass® remained the singular ADMS solution in the debris monitoring services industry as competitors were slow to adapt. As a result, HaulPass® was the only ADMS to have been offered by respondents in all 11 Regions under the USACE Advanced Contracting Initiative (ACI) program and the only ADMS to be validated by the USACE in 2008. Industry competitors were soon forced to adapt or risk remaining uncompetitive in the lucrative federal marketplace.

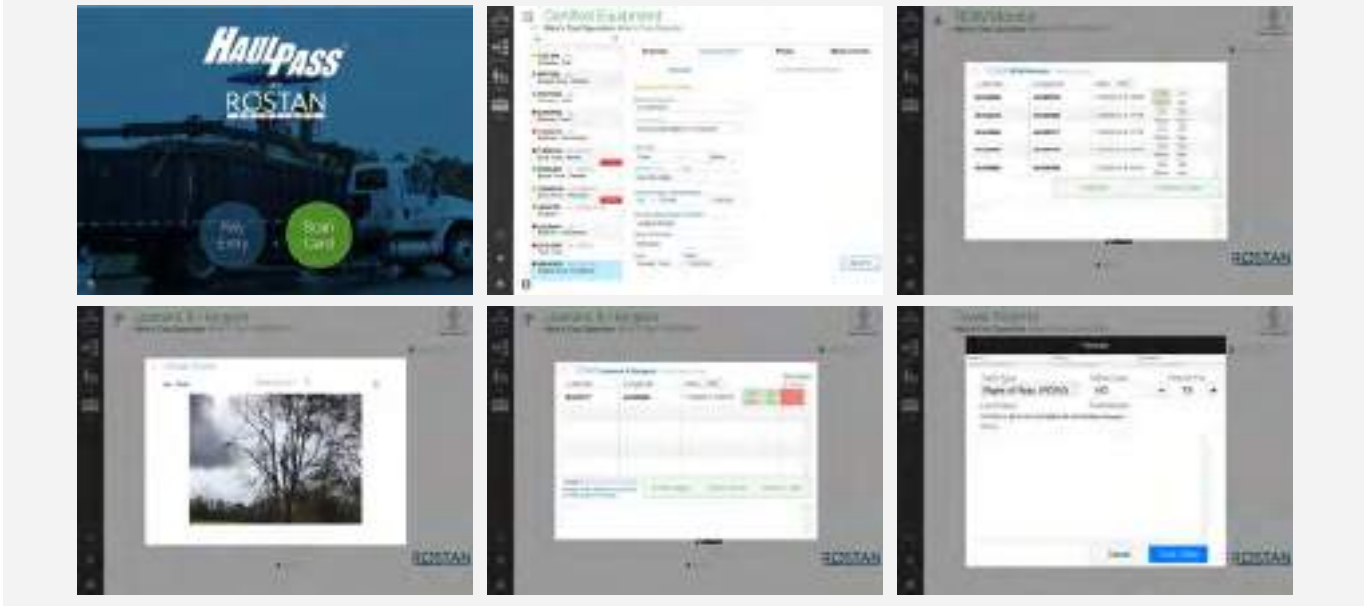
Rostan is the exclusive provider of our proprietary HaulPass® ADMS – the most proven system in the industry. HaulPass® is so reliable and easy to use that Rostan has not utilized paper load tickets since 2008 – for any client, period.

While HaulPass® in its original form remained extremely dependable until its retirement following the 2018 hurricane season, Rostan had begun a strategic rebuild to capitalize on emerging technologies and to move HaulPass® to a new operating platform to ensure its long-term viability. The updated HaulPass® was successfully deployed on its first assignment in the fall of 2019 marking the beginning of a new era for Rostan and HaulPass®. In the years since, having been deployed on more than a dozen projects to date, the updated HaulPass® has proven to be as reliable as the original while capitalizing on new technologies to develop features maximizing cutting edge hardware and software capabilities.

HAULPASS®: SYSTEM OVERVIEW

HaulPass® combines three primary components, our field application, data systems, and the website, to provide a comprehensive operations and data management platform organized to promote efficiency and minimize administrative burdens associated with federal grant programs. HaulPass® can now operate in two modes, completely connected (live) when data services are available throughout the project area, and in remote mode when connectivity may be limited, especially after a catastrophic event.

HAULPASS® INTERFACE



FIELD APPLICATION




Designed on the Claris/FileMaker platform, a subsidiary of Apple Inc., the HaulPass® field application includes certification interfaces, ticketing modules, tools, operations and disposal site setup, configuration menus, and administration preferences. Built exclusively for Apple iOS devices, HaulPass® was optimized specifically for iPads. Combining an iPad with an RFID reader/writer enveloped in a custom case, both produced by Infinite Peripherals, results in a hardware outfit that can run the entire field application. To produce paper receipts, HaulPass® integrates a thermal printer into select processes if necessary.

General access to the field application is restricted to authorized users only and application features including ticketing modules are further restricted based on user permission sets. The permissions structure invokes an enhanced level of control and security that was not achievable on older hardware platforms.

The field applications encompass a level of flexibility and customization options that enable HaulPass® to meet data collection demands of even the most unique projects. Supported by a full development team, HaulPass® has transitioned from a data collection and load ticketing application to an operations management platform, complete with multiple ticketing modules, equipment certifications, survey and assessment tools, and contractor damage tracking.

DATA SYSTEMS

HaulPass® is supported by a variety of data platforms that are seamlessly integrated to develop, process, transfer, store, and secure/backup data. Rostan maintains ownership and control of all data systems and storage services ensuring that we will always have access to client data.

AWS S3 and Glacier	
	Serves as the foundation for HaulPass® cloud storage needs. S3 is a secure, durable, and scalable object storage infrastructure that supports HaulPass® data storage demands for active and recent projects. Glacier is used for long-term/indefinite storage of past-project data long after it is typically needed.
MySQL	
	Serves to process and temporarily store data synchronized through MirrorSync. MirrorSync is the sync engine that communicates between the field application and MySQL. MySQL ultimately synchs with the FileMaker Database on standard process schedules.
FileMaker	
	Serves as the HaulPass® development and architectural platform and houses the primary database structure.

Rostan can integrate an API directly with our data systems if necessary.

THE WEBSITE

To complement HaulPass®, Rostan has also undertaken a complete rebuild of our web interface, www.haulpass.com. The website, accessible by credentialed project stakeholders, provides users with the ability to query, export, and review data in multiple format types as well as interact with the HaulPass® GIS interface supported by ESRI/ArcGIS.

DATA ACCESS

The HaulPass® website is the primary direct access interface for project stakeholders. Project data is used to monitor work progress, review work performed and produce project reports, reconcile contractor invoices, drive operational objectives, and support reimbursement claims. HaulPass® data is arranged in a series of standard reports and can be queried to dissect standard report data before exporting in .xlsx (Excel) or .pdf (PDF) formats. PDF records allow stakeholders to export ticket imagery that is not otherwise available in standard table format. PDF records also include a map reproduction of the pickup and disposal locations. Rostan can easily develop and make available client specific reports upon request.

MAPPING AND GIS

The HaulPass® website has an interactive GIS interface supported by ESRI/ArcGIS that is available to project stakeholders and updated as data points are generated. Queries allow users to dissect geographical data and retrieve ticket records associated with geo-points. Queries are stackable, making it easy to define a particular data subset. The map displays in traditional and satellite view and has the capacity to integrate layers for greater operational awareness.

HAULPASS®: CORE MODULES

HaulPass® core modules include two primary categories, ticketing and certifications. Certifications enables user and equipment to interact with the ticketing modules to collect data and track debris removal efforts as they occur.

CERTIFICATIONS

HaulPass® certifications include two certification types, one focused on users, and the other focused on the equipment used to remove debris.

User certifications provide credentialed employees with access to the HaulPass® system. Users are provided with role-based access to the different features, functions, and modules included within HaulPass®. Dedicated user roles enable Rostan to keep tight control over system access minimizing a user's ability to create redundant, unnecessary, or even worse fraudulent records.

Equipment certifications are required FEMA documentation and primarily serve to establish the debris carrying capacity of each truck, container, or trailer. HaulPass® completely digitizes the certification process to include photo documentation, certified measurements, and signature verification of the certifier, contractor representative, and stakeholder witness if necessary. Each piece of certified equipment is issued a HaulPass® card used to transfer load ticket and transactional data between the point of collection and the point of temporary or final disposal.

TICKETING

HaulPass® incorporates a series of ticketing modules designed to track typical post-disaster debris streams. Ticketing modules were designed with flexibility in mind to allow for easy on-the-fly adjustment when new debris types are inevitably encountered. Primary ticketing functions include ROW debris removal and disposal, hazardous trees, stumps and limb removal, and specialized debris such as white goods and vehicles and vessels. All ticketing modules require certified users to verify each equipment certification prior to initiating a transaction-based ticket.

ROW MODULE

The ROW module is designed to capture equipment specific transactions that involve one or many loading locations and one disposal location. ROW transactions are generated in two parts consisting of load (field) data and disposal (tower) data that when combined create a complete ticket record. The ROW module pairs with the Tower module to complete what are primarily volume or weight-based transactions and incorporates distance and disposal-based fees that may be associated with the hauling transactions.

HAZARDOUS TREES MODULE

The Hazardous Trees module is used to document the removal of overhead hazards to include hanging limbs and trees that require complete removal. FEMA has established specific requirements for hazardous trees to include verifiable measurements and photo documentation to prove the hazards physical relation to the ROW. Hazardous trees are treated as per unit transactions and do not require the use of the Tower module. Each transaction creates a digital ticket record which can include a paper receipt as needed.

SPECIALIZED DEBRIS MODULE

Specialized Debris modules were developed to capture less common debris streams typically produced only by the most severe disaster events. White goods (appliances) and vehicle and vessel removal are two Specialized Debris streams that require the capture of unique data points. This led to the creation of modules specifically designed to capture the necessary elements associated with each debris type.

TOWER MODULE

The Tower module pairs with all ticketing modules that required a disposal location. Authorized system users verify the hauling equipment, authorize acceptance of debris, and assign a quantity to each load received. The Tower module requires disposal site configurations which are established the HaulPass® operations setup menu. Digital ticket records are closed, and a paper receipt can be issued to the equipment operator as needed.

HAULPASS®: TOOLBOX

HaulPass® includes a built-in toolbox full of system enhancing features. A few of these integrated tools are discussed in greater depth below:

TAG ITEM – FEATURES

The Tag Item tool was designed to enhance operations management by enabling field users to document project aspects that aren't directly tied to ticketing functions. Each tagged item is assigned a class and requires associated data points like location, point of contact, photos,

and notes. Classes include categories like contractor caused damages, missed or ineligible debris piles, and infrastructure damages. This tool has replaced traditional spreadsheets, paper documentation, emails, and has proven itself as an essential component of HaulPass®.

FEE REPORTS

One of the more critical debris removal tasks is the ability to accurately capture project costs in near-real time. This helps prevent cost overruns and ensures communities work within their budget constraints. The HaulPass® Fee Reports tool is an export function that allows Rostan to review debris hauling expenditures as needed and as they occur. Contractor fee schedules can be added to HaulPass® data tables allowing ticket data to query the fee schedule and produce associated hauling costs. Fee reports are validated and upon approval become the supporting documentation for invoice reconciliation and reimbursement requests.

SURVEYS – TYPES

HaulPass® has two built-in Survey tools each with a distinct function set. The first survey type is utilized to establish debris removal needs and/or to verify debris removal completion. This survey tool creates a bread crumb trail of verified debris locations, debris types, and estimated quantities. Images may also accompany each survey record. This operational tool can be used to support preliminary damage assessments and damaged inventory submittals, as well as verify debris has been removed from remaining areas near the end of a debris collection project. The second survey type focuses on property or parcel surveys and is integrated with the Parcels app to establish a need for debris removal from private property under the FEMA PPDR program.

The HaulPass® toolbox is continually adapting to incorporate new features aimed at expediting recovery through efficient design and simplicity of use.

HAULPASS®: HARDWARE

One of the key considerations made while updating HaulPass® was streamlining the system's hardware requirements. The new system is a slimmed down version of the original, supported by strong vendor relationships that enable Rostan to procure additional hardware and supplies as needed to support project efforts.

HARDWARE

Rostan maintains on-hand and in a ready state sufficient equipment to supply more than 400 field personnel with HaulPass® equipment. We maintain strong vendor accounts with our major hardware providers and can secure additional hardware in less than 48 hours. In more than 15 years providing ADMS as a service we have never delayed a project or have been unable to properly service a client due to hardware shortages.

CONSUMABLES

While HaulPass® is now capable of running entirely digitally in a connected environment, smart cards remain integral to HaulPass® ability to run in a non-connected environment. We source our smart cards, which are now contactless, factory direct, purchasing them 10,000 at a time. We currently have several years' worth of smart cards in inventory.

HaulPass® is designed to produce thermal paper receipts for load tickets if necessary. We keep on-hand enough paper products to produce 100,000 load tickets with more available on short notice. HaulPass® is not dependent on paper and can run completely paperless. Rostan has integrated an email function whereby emails are sent to contractors containing PDFs of load ticket receipts.

HAULPASS®: EXPORTS & REPORTS

HaulPass® is the data collection engine that drives all Rostan reporting. From singular ticket exports to daily operational summaries, Rostan utilizes HaulPass® data to develop components of every project deliverable.

HAULPASS® : SUPPORTING APPLICATIONS

Though HaulPass® remains Rostan's primary debris monitoring data collection platform, Rostan has continued to expand our service offerings by developing complementary supporting applications that provide added value and enhance our ability to provide cost-effective services. A brief overview of these applications is provided below.

PARCELS

Parcels is a HaulPass® expansion dedicated to documenting the FEMA Private Property Debris Removal (PPDR) Process. Aptly named, Parcels mirrors the FEMA administrative checklist designed to ensure administrative and operational compliance when working under the PPDR program. Parcels serves as a standalone application that integrates with the HaulPass® Survey tool and ticketing modules, consolidating property documentation into a user-friendly interface and creating a reimbursement ready property portfolio. Some of Parcels features include:

USER-BASED LOGIN ACCESS

Access to data collected is restricted due to document sensitivity and privacy concerns. This data will be collected on behalf of the Town and will be shared with verified stakeholders only upon approval by Town officials. Furthermore, user roles can be restricted to read only disabling the ability of a user to change data.

DATA INTEGRATION

Rostan can integrate external data sets into its database. Rostan has developed several API calls to interact with our data platforms.

SITE PROFILES

Field evaluations are responsible for identifying sites or potential sites that may require PPDR/Demolition work. The creation of a site profile creates a unique ID number and initiates a system of checkpoints. When the physical PPDR/Demolition work is complete, the Site profile will be updated to include additional elements and provide a Site closeout checklist. Site profiles are the blueprint for each site and are integral to the recovery operation.

TASKING

Tasking allows users, such as the Town, to assign a task to a Rostan representative. A task might be simple like “Mr. Johnson has her insurance certificate but is unable to mail it. Can you send someone to retrieve it from 1324 West Apple Street please?” This feature allows users in-app communication and reduces the use of external emails and other forms of communication resulting in increased operational continuity.

DIGITAL RECORD KEEPING/FILE MANAGEMENT

Though paper records are often necessary, we digitize as many aspects of the PPDR/Demolition process as possible. This means creating a digital record for each site and managing associated documents. Site specific digital records may include photographs, maps, load tickets, ROE forms, utility letters, occupancy notices, etc. These digital records are updated daily and mirror the field folder. Digitizing records allows multiple users to access the same file simultaneously and increases operational and logistical efficiency. At the end of the project Rostan will turn over all original documents and a digital record of each site to the Town.

EXPORTS/REPORTS

All data collected can be queried to provide reports and meet reporting requirements of the Town. Typically, we generate a broad project status report and provide .CSV or Excel files for download.

CONFIGURABILITY

Parcels can be tailored to meet specific Town needs. Whether it is added functionality like user configurable reports or a change as simple as where a link is on a page, we will make every effort to accommodate these requests.

CAPTURE

Capture is an infrastructure assessment platform that was added to augment Rostan’s long-term recovery service offerings. Capture performs a similar function to the HaulPass® Survey tool but with a focus on defining damages and producing reports consistent with the FEMA damage, description, and dimensions template.

RESOURCES

Resources converges human resources with inventory management to reduce paperwork requirements and capture labor utilization in a format compatible with Rostan’s accounting and payroll systems. This application brings administrative efficiencies and serves to support Rostan invoicing in a manner compliant with the reimbursement guidelines and governing policies that apply to debris monitoring services. While most of the Resources functions are internal to Rostan, the Town will realize a benefit during project worksheet development, obligation, and reimbursement requests.

A PROVEN PRODUCT

HaulPass® has been successfully deployed uninterrupted and without failure since 2006. Deployed in response to some of the most devastating natural disasters in history, the HaulPass® resume and proven reliability in the hands of a veteran debris removal monitoring team has established it as the industry’s most trusted ADMS system. We would welcome the opportunity to provide the Town with a thorough demonstration and incorporate any feedback on how we can customize our digital platforms to best meet the needs of the Town. We can also pre-certify Town force account equipment that may be utilized in response to a future debris recovery project.

4.2 ANNOTATED TRAINING MANUAL

In order to comply with the Town's page count requirements, following is an annotated index of a Rostan training manual intended to introduce new hires to the debris removal monitoring process. Rostan maintains additional training manuals/presentations specific to different aspects of the debris removal monitoring process. We would be happy to share our full Field Monitor training manual upon request.

DEBRIS CONTRACTOR MONITOR TRAINING	
SECTION 1: OVERVIEW	
1.1	WHAT IS DEBRIS MONITORING?
	Summary Explanation
1.2	WHAT TO EXPECT
	Job Summary, Roles and Responsibilities
1.3	PRIORITIES
	Operational Safety • Integrity • Promptness • Professionalism • Assist Client In Maximizing Their Federal Grant Funding
1.4	PHILOSOPHY
	We Are Here To Help, Not Hinder • Your Bottom-Line Responsibilities We Should Communicate Openly • Non-Confrontational
1.5	INDIVIDUAL SAFETY
1.6	MANDATORY PERSONAL PROTECTIVE EQUIPMENT
	Safety Vest • Hard Hat • Safety Shoes (Steel Or Fiberglass Toe) • Long Pants • Outerwear Applicable To The Weather Conditions; E.g., Raingear • Safety Glasses • Hearing Protection Available • Dust Masks Available
SECTION 2: THE MONITORING PROCESS	
2.1	MONITOR ROLES OVERVIEW
	Loading Site Monitor • Debris Management Site (DMS) Monitor • Tree Crew Monitor
2.2	LOADING SITE MONITORS
	Safety Considerations • Responsibilities • Typical R.O.W. Curbside Loading Site Work Area Safety: Traffic Awareness • Driving Safety • Heat Stress
2.3	GENERAL DEBRIS ELIGIBILITY CRITERIA
	Summary • Basic Debris Types Description
2.4	DMS TOWER MONITORS
	DMS Tower Monitor Role and Responsibility Summary • DMS Safety Considerations
2.5	TRUCK CERTIFICATION
	Explanation of Necessity • Description of Truck Certification Process • HaulPass® Card Explanation and Description
SECTION 3: AUTOMATED DEBRIS MANAGEMENT SYSTEM	
3.1	HARDWARE OVERVIEW
3.2	DETAILED HARDWARE DESCRIPTION AND INSTRUCTIONS
	Symbol Motorola MC70 PDA • TSL Smart Card Reader • Zebra RW420 Bluetooth Mobile Printer • PDA Vehicle Charger
3.3	DISTRIBUTION OF FIELD EQUIPMENT
	Description of Process • Replacement of Field Equipment
3.4	RIGHT-OF-WAY APPLICATION
	Description of Process • Troubleshooting
SECTION 4: SAFETY REVIEW	

5. FORM OF CONTRACT

Rostan has reviewed within the Town's RFP Attachment A and Exhibits A – E, and agrees to be bound by the terms and conditions.





DEBRIS MONITORING & PUBLIC ASSISTANCE CONSULTING SERVICES



RFP #2023-02 | June 30, 2023



DEBRIS MONITORING & PUBLIC ASSISTANCE CONSULTING SERVICES FOR THE TOWN OF WINDERMERE, FLORIDA



Photo Courtesy: NOAA



SECTION 6 – REQUIRED FORMS

Fee Schedule – Exhibit D to Attachment A

Byrd Anti-Lobbying Certification – Exhibit E to Attachment A

Drug Free Workplace Certification – Attachment B

Equal Employment Opportunity Certification – Attachment C

Non-Collusion Oath – Attachment D

Good Faith Affidavit – Attachment E

SUBMITTED BY

ROSTAN SOLUTIONS, LLC

3433 Lithia Pinecrest Road
Suite 287

Valrico, Florida 33596

Travis Mays, Vice President

Office: 813.333.7042

Mobile: 713.823.2002

Fax: 813.333.7330

Email: tmays@rostan.com

Website: www.rostan.com



EXHIBIT D TO ATTACHMENT A

FEE SCHEDULE

Debris Monitoring Operations		
Description	Unit	Rate per Hour
Project Manager	Hour	\$90.00
Operations Manager	Hour	\$80.00
Field Supervisor	Hour	\$50.00
Tower Monitor	Hour	\$37.00
Field Monitor	Hour	\$37.00
Clerical / Administrative Assistant	Hour	\$30.00
Data/GIS Specialist	Hour	\$75.00
Environmental Specialist	Hour	\$65.00
Billing/Invoice Analyst	Hour	\$30.00
FEMA Specialist	Hour	\$115.00
Public Assistance/Grants Management		
Description	Unit	Rate per Hour
Program Manager	Hour	\$175.00
Grants Management Consultant	Hour	\$155.00
Consultant/Scientist/Planner/Engineer	Hour	\$135.00
Benefit Cost Analysis Specialist	Hour	\$140.00
GIS / HAZUS Specialist	Hour	\$125.00
Field Technician	Hour	\$70.00
Administrative Specialist	Hour	\$50.00

***Additional Public Assistance/Grants Management roles/rates may be provided if necessary. Each additional role must include a detailed description of the services to be provided.

Rostan exclusively uses the HaulPass® ADMS for all data collection efforts eliminating the need for Data Entry Clerks. Costs associated with the utilization and deployment of HaulPass® are included in the above listed rates.

Expenses and Travel: Rates are inclusive of all costs with the exception of those expenses related to per diem for meals and incidentals, allowable mileage and/or rental vehicles, rental vehicle petroleum products, airfare, and lodging (lodging may be billed as actual cost or as a lodging per diem cost item). Per diem amounts will comply with General Services Administration (GSA) Federal Travel Regulation (FTR) and Travel/Per Diem Bulletins. Receipts will be provided for non per diem expense costs.

Exhibit E to Attachment A

APPENDIX A, 44 C.F.R. PART 18 – CERTIFICATION REGARDING LOBBYING (Byrd Anti-Lobbying)

Certification for Contracts, Grants, Loans, and Cooperative Agreements
(To be submitted with each bid or offer exceeding \$100,000)

The undersigned [Contractor] certifies, to the best of his or her knowledge, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, Rostan Solutions, LLC, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.

Signature of Contractor's Authorized Official 

Name and Title of Contractor's Authorized Official Sam Rosania, Principal/Executive Vice President

Date 6/28/2023

Attachment B
DRUG-FREE WORKPLACE CERTIFICATION

THE BELOW SIGNED Respondent CERTIFIES that it has implemented a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the work place and specifying the actions that will be taken against employees for violation of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under quote a copy of the statement specified in subsection 1.
4. In the statement specified in subsection 1, notify the employees that, as a condition of working on the commodities or contractual services that are under quote, the employee will abide by the terms of the statement and will notify the employer of any conviction or plea of guilty or nolo contendere to any violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in, drug abuse assistance or rehabilitation program if such is available in the employee's community, by an employee who is convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

Date: 6 / 28 / 2023

Signature: 

Printed Name: Sam Flosania

Title: Principal/Executive Vice President

Company: Rostan Solutions, LLC

ATTACHMENT C
EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

The Town requires compliance with State and Federal regulations governing Equal Employment Opportunity, External Equal Opportunities (EO), External On-the-Job Training (OJT), Title VI, and the Americans with Disabilities Act (ADA) programs.

Sub-recipients of federal-aid contracts must include notifications in all solicitations for bids of work or material and agreements subject to Title VI of the Civil Rights Act of 1964 and other nondiscrimination authorities. Sub-recipients, contractors and subcontractors may not discriminate in their employment practices or in the selection and retention of any subcontractor.

By signing this document, the Respondent hereby certifies their commitment to assure nondiscrimination in its programs and activities to the effect that no person shall on the grounds of race, color, national origin, sex, age, disability or income status be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination or retaliation under any federally or non-federally funded program or activity administered by the sub-recipient and/or its contractors.

Company Name: Rostan Solutions, LLC

Authorized Representative Name and Title: Sam Rosania, Principal/Executive Vice President

Signature of Authorized Representative: 

**Attachment D
NON-COLLUSION OATH**

STATE OF South Carolina

COUNTY OF Charleston

Before me, the Undersigned, a Notary Public, for and in the County and State aforesaid, personally appeared:

Sam Rosania and made oath that the Respondent herein, its agents, servants, and/or employees, to the best of its knowledge and belief, have not in any way colluded with anyone for and on behalf of the Respondent, or themselves, to obtain information that would give the Respondent an unfair advantage over others, nor have they colluded with anyone for and on behalf of the Respondent, or themselves, to gain any favoritism in the award of the Contract.



Affiant Signature

Sworn to (or affirmed) and subscribed before me this 28th day of June,

20 23, by Sam Rosania.



Signature of Notary Public

[STAMP HERE]

State of South Carolina

Personally Known OR Produced Identification _____

Type of Identification Produced: _____



**Attachment E
GOOD FAITH AFFIDAVIT**

I hereby propose to provide the services requested in the Town's RFP and, if awarded, enter into a contract with the Town. I agree that the terms and conditions of the Town's RFP shall take precedence over any conflicting terms and conditions submitted with my proposal and agree to abide by all conditions of the RFP, unless a properly completed Exceptions to Solicitation form is submitted. I acknowledge that the City may not accept the proposal due to any exceptions.

I certify that all information contained in my proposal is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this proposal on behalf of the company as its agent and that the company is ready, willing, and able to perform if awarded a contract.

I further certify, under oath, that this proposal is made without prior understanding, agreement, connection, discussion or collusion with any other person, company or corporation submitting a proposal for the same product or service; no gratuities, gifts or kick-backs were offered or given by the Respondent or anyone on its behalf to gain favorable treatment concerning this procurement; no elected official, employee or agent of Town or of any other company is interested in said proposal; and that the undersigned executed this affidavit with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

Rostan Solutions, LLC
Company Name

3433 Lithia Pinecrest Road, Suite 287
Mailing Address

Valrico, FL 33596
City, State & Zip Code

T: 813-333-7042 | F: 813-333-7330
Telephone Number/Fax Number


Authorized Signature

Sam Rosania, Principal/Executive Vice President
Name & Title, Printed

srosania@rostan.com
Email Address

State of South Carolina

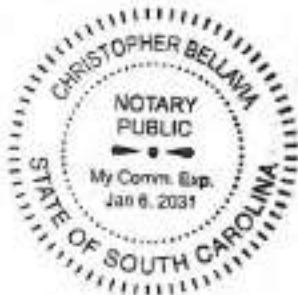
County of Charleston

This foregoing instrument was acknowledged before me this 28th day of June, 2023, by

Sam Rosania who is personally known to me or produced _____ as identification.


Signature of Notary

[STAMP HERE]





**TOWN OF WINDERMERE
EXECUTIVE SUMMARY**

SUBJECT: Disaster Debris Removal Services Agreement

REQUESTED ACTION: Staff Recommends Approval

- Work Session (Report Only)
- Regular Meeting

DATE OF MEETING: August 8, 2023

Special Meeting

CONTRACT: N/A

Vendor/Entity: _____

Effective Date: _____

Termination Date: _____

Managing Division / Dept: _____

Public Works

BUDGET IMPACT: TBD By Event

- Annual
- Capital
- N/A

FUNDING SOURCE: _____

Reserves

EXPENDITURE ACCOUNT: _____

HISTORY/BACKGROUND/RECOMMENDATIONS:

Mayor & Council,

History

Windermere, as with all Counties and Cities in Florida experiences severe weather events - from localized to wide spread. Recent Hurricane Ian is a reminder of how intense of an impact one event can have to our area. Furthermore, one of the largest financial impacts that a municipality can suffer is the cost for debris removal, infrastructure repair and overall recovery from a natural event.

Background

When an event is declared as a State or National disaster, State and Federal funds may be applied for to reimburse local agencies for a percentage of their cost of cleanup and/or repair the damages that occurred to their infrastructure as a result of the event. In order to apply for the funds, accurate tracking and itemized documentation of the time, amount and cost incurred is imperative. Having a vendor that is experienced in specific debris recovery and coordination is parallel in bringing the Town back to pre-event conditions and in streamlining the reimbursement process. Proper procurement procedures and policies must be followed for the acquisition of these services.

Recommendation

Submittals were solicited for RFP #2023-03 Disaster Debris Removal Services via DemandStar and the Town website. Eight (8) vendors submitted, however, only seven (7) submitted qualified bids (see the attached breakdown for contractor/s and costing)

As noted from the seven (7) qualified contractor responses, they all have depth of experience in the recovery and removal/management of large debris. They also have long-term experience in these services as a result of nature events. The responses also indicate that the costing from each bidder is comparable, on an average, against each respondent.

For this, Staff recommends that the Town contract with two (2) contractors. 1) Raynor Shine Services, LLC. as they have the equipment and manpower to remove larger quantities and own property outside of the Town limits in which to manage the debris, including final disposal, after roadside removal. Additionally, they also have the equipment and manpower to move internally within our limited access dirt/tree imbedded roadway system. As a backup debris removal contractor, should Raynor Shine be unable to fulfill the duties, or need assistance in completing the tasks, staff recommends 2) Aftermath Disaster Recovery.

Raynor Shine has specific knowledge of the Town's unique footprint from past experience that occurred during Hurricane Irma and Ian. Aftermath Disaster Recovery is well equipped to handle this process for the Town should the need arise.

Staff recommends entering into a primary contract with Raynor Shine Services LLC, and selecting Aftermath Disaster Recovery as the backup contractor for Disaster Debris Removal Services.



THE TOWN OF WINDERMERE

REQUEST FOR PROPOSALS

for

RFP #2023-03 Disaster Debris Removal Services

RFP# 2023-03

DUE: June 30, 2023
3:00 P.M.

Deliver or mail responses to:
Tonya Elliott Moore, Public Works Director
Town of Windermere – Administrative Offices
614 Main Street
Windermere, FL 34786

REQUEST FOR PROPOSALS (RFP)
for
DISASTER DEBRIS REMOVAL SERVICES

The Town of Windermere, FL (Town) invites qualified firms (Respondent) to respond to this Request for Proposals (RFP) to provide Disaster Debris Removal Services.

Overview

The Town is seeking to enter into a stand-by agreement with a qualified firm to provide post-disaster Disaster Debris Removal Services.

All services shall comply with current FEMA guidance and local, State, and Federal regulations. A comprehensive scope of work is included as Attachment B.

SBE/MBE Participation

Please note that the Town encourages the participation of small business enterprises (SBEs) and/or minority business enterprises (MBEs) in this procurement.

Term

Upon acceptance of the terms by both the Respondent and the Town, The Town intends to enter into a three (3) year contract term with an option to renew for an additional two (2) years thereafter (or 60 months). Renewals will be mutually agreed upon prior to the expiration of the original term, incorporating the same terms and conditions as the original agreement.

Submittal Requirements

Respondents desiring to provide services, as described in the scope of services, shall submit one (1) original bound, one (1) original unbound and one (1) digital copy (USB) of their proposal no later than:

3:00 p.m. on June 30, 2023 at the following location:
Town 614 Main Street, Windermere, Florida 34786

Offers by telephone or telegram shall not be accepted. Also, proposers are instructed NOT to fax their proposal. Faxed proposals shall be rejected as non-responsive regardless of where the fax is received.

Respondents are cautioned that they are responsible for delivery to the specific location cited above. Therefore, if your proposal is delivered by an express mail carrier or by any other means, it is your responsibility to ensure delivery to the above address. This office will not be responsible for deliveries made to any place other than the specified address.

It is the sole responsibility of the bidder to ensure that his or her proposal reaches the Town. The time and date for receipt of proposals will be strictly observed. Any proposals received after the submittal deadline will be deemed non-responsive and returned to the Respondent unopened.

Questions/Inquiries

The Town will accept inquiries or questions regarding the contents of this RFP until one (1) week prior to the submittal deadline. Answers to questions will be addressed through addenda and issued no later than four (4) days prior to the submittal deadline. If the Town is unable to provide answers in a timely manner, the submittal deadline may be extended as necessary.

Inquiries and Questions should be directed to the following contact:

Tonya Elliott Moore, Public Works Director – tmoore@town.windermere.fl.us

Minimum Qualifications

The Respondent must demonstrate the following:

1. The proposer must demonstrate experience managing hurricane debris projects for at least five government entities involving a minimum of 50,000 cubic yards of debris for each client in the past 5 years.
2. Documented knowledge and experience of Federal, State and Local emergency agencies, state and federal programs, funding sources and reimbursement processes.
3. Experience with special disaster recovery program management services including private property/right-of-entry (ROE) work, waterways clean-up and reimbursement, FEMA appeals processing, hauler invoice reconciliation and contracting.
4. Ability to provide and Automated Debris Management System (ADMS) to capture debris removal and disposal efforts.
5. Respondent must be prepared to deploy debris removal equipment within 48 hours from notice to proceed. When additional debris personnel are needed to meet requirements of the contract, Respondent shall increase the number of debris monitors as needed.

Proposal Format

The Proposal should be limited to no more than 50 pages (exclusive of required forms) and address the following criteria in an organized, easily identifiable manner:

1. Cover Letter – Provide a cover letter that included a brief introduction to the Respondent, why the Respondent believes they are uniquely qualified to provide the requested services, and contact information for the Respondent's primary point of contact.
2. Table of Contents – Provide a table of contents that identifies each section and sub-section of the Respondents proposal.
3. Experience and Key Personnel – Provide detailed description of projects the Respondent has completed for services similar to those requests in this RFP. Identify key personnel, including an organizational chart and concise resumes for those individuals anticipated to serve the Town on behalf of the Respondent.
4. Qualifications – Provide evidence that the firm meets the minimum qualifications required by this RFP and include a minimum of 3 references from clients whom the Respondent has

provided similar services in the past 5 years. Please include the name of the client, contact information, contract term and value, and the amount of debris monitored. References from Florida clients are preferable.

5. Project Understanding and Approach – Provide a comprehensive understanding of the solicited services and the Respondent’s approach to providing these services.
6. Form of Contract – The form of the Contract to be used by the Town is attached hereto as Attachment A along with Exhibits A – E. The Respondent must include a statement that it has reviewed Attachment A and Exhibits A – E and agrees to be bound by the terms and conditions. The contract terms and conditions in Attachment A and Exhibits A – E are not negotiable.
7. Complete and submit with the Proposal the following forms:
 - a. Fee Schedule – Exhibit D to Attachment A
 - b. Drug Free Workplace Certification – Attachment B
 - c. Equal Employment Opportunity Certification – Attachment C
 - d. Non-Collusion Oath – Attachment D
 - e. Good Faith Affidavit – Attachment E

Selection Criteria

The following weighted criteria will be utilized to select the Respondent awarded this contract.

Key Personnel and Past Project Experience	25
Qualifications of the Firm	20
Project Understanding and Approach	25
Management Systems / Training Manual	10
Cost Proposal/Unit Rates	20
TOTAL	100

Presentations

Presentations from the top-ranked respondents may be requested at the Town’s discretion if the Town is unable to determine an awardee based on proposal alone.

Terms and Conditions

The Town reserves the right to accept or reject any or all proposals, with or without cause, to waive technicalities, or to accept the proposal which, in its sole judgment, best serves the interest of the Town, or to award a contract to the next most qualified proposer if the successful offer fails to execute a contract within (10) days of approval by the Town.

The Town reserves the right to request clarification of information submitted and to request additional information of one or more Respondents.

Any proposal may be withdrawn until the date and time set above for the submission of the proposals. Any proposal not so withdrawn shall constitute an irrevocable offer, for a period of thirty (30) days, to provide to the Town the services set forth in this RFP, or until one or more of the Respondents have been awarded.

Costs of preparation of a response to this request for proposals are solely those of the proposer. The Town assumes no responsibility for any such costs incurred by the proposer. The proposer also agrees that the Town bears no responsibility for any costs associated with any administrative or judicial proceedings resulting from the solicitation process.

The contractor awarded this contract shall maintain adequate records to justify all charges, expenses, and costs incurred in estimating and performing the work for at least five (5) years after completion of the contract resulting from this RFP. The Town shall have access to all records, documents and information collected and/or maintained by others in the course of the administration of the agreement. This information shall be made accessible at the awardees place of business to the Town, for purposes of inspection, reproduction and audit without restriction.

Attachments and Exhibits:

Attachment A – Contract Agreement for Disaster Debris Removal Services

- **Exhibit A to Attachment A** – Respondent’s Response to the RFP
- **Exhibit B to Attachment A** – Scope of Work
- **Exhibit C to Attachment A** -- Additional FEMA Contractual Provisions
- **Exhibit D to Attachment A** – Fee Schedule / Equipment List / Employee List
- **Exhibit E to Attachment A** – Certification Regarding Lobbying (Byrd Anti-Lobbying)

Attachment B -- Drug Free Workplace Certification

Attachment C – Equal Employment Opportunity Certification

Attachment D – Non-Collusion Oath

Attachment E – Good Faith Affidavit

ATTACHMENT A
CONTRACT AGREEMENT FOR
DISASTER DEBRIS REMOVAL SERVICES

EXHIBIT A TO ATTACHMENT A

CONTRACTOR'S RESPONSE

to

RFP #2023-03 Disaster Debris Removal Services

EXHIBIT B TO ATTACHMENT A

SCOPE OF WORK

EXHIBIT C TO ATTACHMENT A
ADDITIONAL FEMA CONTRACT PROVISIONS

EXHIBIT D TO ATTACHMENT A
FEE SCHEDULE / EQUIPMENT
LIST / EMPLOYEE LIST

EXHIBIT E TO ATTACHMENT A

CERTIFICATION REGARDING LOBBYING (BYRD ANTI-LOBBYING)

ATTACHMENT B

DRUG FREE WORKPLACE CERTIFICATION

ATTACHMENT C

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

ATTACHMENT D
NON-COLLISION OATH

ATTACHMENT E
GOOD FAITH AFFIDAVIT



AGREEMENT FOR DISASTER DEBRIS REMOVAL SERVICES
between
THE TOWN OF WINDERMERE
and

This Agreement is dated _____, 2023 (the “Effective Date”) and is between the **Town of Windermere, Florida**, a municipal corporation chartered and operating under the laws of the State of Florida (the “Town”), and _____ **[business name]**, a _____ **[type of corporation/company]**, (the “Contractor”).

The Town issued **RFP #2023-03 Disaster Debris Removal Services** (the “RFP”), pursuant to which the Town has selected the Contractor to perform some or all of the services set forth in the RFP.

The Town and the Contractor therefore agree as follows:

1. **Scope of Services; Agreement Documents.**

a. The Contractor shall diligently and timely perform the Scope of Services requested by the Town in **Exhibit B** under the terms of this Agreement and the Exhibits hereto. The Town may request changes or amendments to the Scope of Services. Such changes will not be binding unless mutually agreed to in writing and signed by the Town and the Contractor.

b. This Agreement, together with **Exhibits A-E** attached hereto and all of which are incorporated herein by this reference, shall comprise the entire Agreement. This Agreement and the following attachments shall together be referred to as the “Agreement Documents”:

- **Exhibit A** – Contractor’s Response to the RFP
- **Exhibit B** – Scope of Work
- **Exhibit C** -- Additional FEMA Contractual Provisions
- **Exhibit D** – Fee Schedule
- **Exhibit E** – Certification Regarding Lobbying (Byrd Anti-Lobbying)

Upon discovery the Town or the Contractor shall promptly notify the other in writing of any conflicts, ambiguities, inconsistencies, errors, or omissions in, between or among any of Agreement Documents and shall cooperate in effecting a resolution. In the event the parties disagree regarding the resolution, the Town shall make the final determination regarding which document and which terms and conditions govern.

2. **Term.** The initial term of this Agreement shall be for there (3) years, beginning on the Effective Date and ending on _____. This Agreement may, by mutual written agreement of the parties, be extended for two (2) additional years.

3. **Payment.** The Contractor is to provide with each invoice submitted to the Town, a detailed daily description of all work occurred, including, but not limited to, all hauling load/trip tickets - separated in an electronic format capable of saving and sending in a common electronic means, i.e., excel spreadsheet. All invoices received by the Town are payable within thirty days from the date of receipt, provided they have first been approved by the Town Manager or his designee. The amount of payment shall be based on the approved fee schedule attached hereto as **Exhibit D**.

4. **Taxes.** The Contractor shall pay all federal, state, and local taxes, to include sales tax, social security, workman's compensation, unemployment insurance, and other required taxes which may be chargeable against labor, material, equipment, real estate and any other items necessary to and in the performance of this Agreement.

5. **Termination for Convenience.** The Town may for any reason whatsoever terminate this Agreement upon ten days written notice to the Contractor. In the event of termination, the Contractor shall cease work and shall deliver to the Town all documents, including reports, surveys, plans, tracings, specifications, and all other data and material prepared or obtained by the Contractor in connection with this Agreement. The Town shall, upon delivery of the aforesaid documents, pay the Contractor for work completed through the date of termination and which is approved by the Town. Payment for work completed will constitute payment in full for services performed by Contractor.

6. **Indemnification and Limitation of Liability.**

a. The Contractor shall defend, indemnify, and hold harmless the Town, its officers, directors, agents, contractors, employees, and council members from and against all claims, damages, losses, and expenses, (including but not limited to fees and charges of attorneys or other professionals and court and arbitration or other dispute resolution costs) arising out of or resulting from: (i) the performance of services by the Contractor or any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable, (ii) breach of the terms of this Agreement by the Contractor or any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable, (iii) violations of applicable law by any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may

be liable, (iv) disease or death of third parties (including Town employees and agents and those of the Contractor), or (v) damage to property to the extent attributable to the negligence or willful misconduct of the Contractor or any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable.

b. The Contractor expressly waives all claims against the Town, and its officers, directors, agents, contractors, employees, and council members for any loss, damage, personal injury or death occurring as a consequence of the Contractor's activities or the performance of services under this Agreement.

c. In no event shall the Town be liable to the Contractor for indirect, special, or consequential damages, including, but not limited to, loss of revenue, loss of profit, cost of capital, or loss of opportunity regardless of whether such liability arises out of contract, tort (including negligence), strict liability, or otherwise.

d. The Town shall not assume any liability for the acts, omissions, or negligence of the Contractor its agents, servants, employees, or subcontractors. In all instances, the Contractor shall be responsible for any injury or property damage resulting from any activities conducted by the Contractor.

e. The Town's limits of liability are set forth in Section 768.28 of the Florida Statutes, and nothing herein shall be construed to extend the liabilities of the Town beyond that provided in Section 768.28 of the Florida Statutes. Nothing herein is intended as a waiver of Town's sovereign immunity under Section 768.28 of the Florida Statutes. Nothing hereby shall inure to the benefit of any third party for any purpose, including but not limited to anything which might allow claims otherwise barred by sovereign immunity or operation of law.

7. **Insurance.**

a. The Contractor shall, at its expense, procure and maintain during the term of this Agreement insurance approved by Town of the following types or such other insurance as the Town may require from time to time:

- (1) **Worker's Compensation:** statutory benefits, as required by law.
- (2) **Employer's Liability:** limits of One Hundred Thousand Dollars (\$100,000) bodily injury by accident, injury and disease, and a Five Hundred Thousand Dollar (\$500,000) policy aggregate limit.
- (3) **Comprehensive General Liability:** in an amount of at least One Million Dollars (\$1,000,000.00) for injuries, including but not limited to wrongful and accidental death per person and Five Million Dollars (\$5,000,000.00) for any one accident, and property damage insurance in an amount of at least One Million Dollars (\$1,000,000.00).
- (4) **Comprehensive Automobile Liability:** in an amount of at least One Million Dollars (\$1,000,000.00) bodily injury for each person and Five Million Dollars (\$5,000,000.00) for each occurrence and One Million Dollars (\$1,000,000.00) Property Damage for each accident.

- (5) **Professional Liability/Errors and Omissions:** One Million Dollars (\$1,000,000.00), with a maximum deductible of One Hundred Thousand Dollars (\$100,000.00). The errors and omissions policy shall be in effect and shall insure against the Consultant's negligent acts, errors or omissions relating to the services performed under this Agreement. Consultant shall include the Town as an additional insured under the policy terms and conditions.

b. On or before the Effective Date, the Contractor shall furnish the Town certificates of insurance evidencing compliance with the coverage requirements in this section and allowing thirty days written notice of any change, cancellation, or non-renewal. The certificates must contain the following words: "*Should any of the above described policies be canceled before the expiration date, the issuing company will mail a thirty day notice to the certificate holder named herein.*" Thereafter the Contractor shall provide, annually, certificates evidencing that such insurance remains in effect to the extent required under this Agreement.

8. **Compliance with Federal, State, and Local Laws.** The Contractor shall comply with all applicable federal, state, and local laws and ordinances.

9. **Ownership of Documents.** All documents, including detailed reports, plans, original tracings, specifications, and all other data, prepared or obtained by the Contractor in connection with the services hereunder shall be delivered to, and shall become the property of the Town prior to the final payment to or upon completion of work by the Contractor.

10. **Public Records.** To the extent Contractor is acting on behalf of the Town as provided under Subsection 119.011(2) of the Florida Statutes, Contractor shall:

- (1) Keep and maintain public records required by the Town to perform the services under this Agreement.
- (2) Upon request from the Town's custodian of public records, provide the Town with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119 of the Florida Statutes or otherwise provided by law.
- (3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if the Contractor does not transfer the records to the Town.
- (4) Upon completion of the Agreement, transfer, at no cost, to the Town all public records in possession of Contractor or keep and maintain public records required by the Town to perform the service. If the Contractor transfers all public records to the Town upon completion of the Agreement, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public

records upon completion of the Agreement, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the Town, upon request from the Town's custodian of public records, in a format that is compatible with the information technology systems of the Town.

b. If the Contractor fails to provide the public records to the Town within a reasonable time the Contractor may be subject to penalties under Section 119.10 of the Florida Statutes. Further, the Town may exercise any remedies at law or in equity, including, without limitation, the right to (i) impose sanctions and assess financial consequences, (ii) withhold and/or reduce payment, and (iii) terminate this Agreement in accordance with the terms hereof.

c. **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE TOWN'S CUSTODIAN OF PUBLIC RECORDS AT (407-876-2563 X 5323, DBURKHALTER@TOWN.WINDERMERE.FL.US, 614 MAIN STREET, WINDERMERE, FLORIDA 34786.**

11. **Ambiguities.** Both parties have been allowed equal input regarding the terms and wording of this Agreement and have had the benefit of consultation with legal counsel prior to its execution, such that all language herein shall be construed equally against the parties, and no language shall be construed strictly against its drafter.

12. **Headings.** The headings or captions of sections or paragraphs used in this Agreement are for convenience of reference only and are not intended to define or limit their contents, nor are they to affect the construction of or to be taken into consideration in interpreting this Agreement.

13. **Modification; Waiver.** No provision of this Agreement may be modified, waived, or discharged unless that modification, waiver, or discharge is agreed to in writing signed by both parties, and if necessary, approved by the Town Council of the Town of Windermere. No waiver by either party of any breach of this Agreement by the other party will constitute a waiver of any other breach occurring at the same time or before or after.

14. **Severability.** If any provision of this Agreement is found by a court of competent jurisdiction to be invalid or unenforceable to any extent, the remainder of this Agreement shall not be affected thereby and shall remain enforceable to the greatest extent permitted by law.

15. **Governing Law; Venue.** This Agreement shall be governed by and construed in accordance with laws of the State of Florida, and venue for any action arising out of or related to this Agreement shall be in the Circuit Court for the Ninth Judicial Circuit in Orange County, Florida.

16. **Entire Agreement.** This Agreement contains the entire agreement of the parties with respect to the services to be performed under the RFP. Previous agreements and understandings of the parties with respect to such matters are null and void and of no effect.

17. **Notices.**

a. For a notice, or other communication, under this Agreement to be valid, it must be in writing and signed by the sending party, and the sending party must use one of the following methods of delivery: (1) personal delivery; (2) registered or certified mail, in each case return receipt requested and postage prepaid; and (3) nationally recognized overnight courier, with all fees prepaid. Delivery via facsimile, or email, is also permitted provided it is followed by delivery via one of methods (1)-(3) above and any such delivery via facsimile or email shall not be deemed to have been received pursuant to subsection 17.c. until such delivery pursuant to methods (1)-(3) above shall be deemed to have been received pursuant to Section 17.c.

b. For a notice, or other communication, under this Agreement to be valid, it must be addressed to the receiving party at the addresses listed below for the receiving party, or to any other address designated by the receiving party in a notice in accordance with this Section 17.

As to Town:

Town of Windermere
Robert Smith, Town Manager
Town of Windermere
614 Main Street
Windermere, Florida 34786
rsmith@town.windermere.fl.us
407-876-2563 x 5324

As to Contractor:

c. Subject to Section 17.d., a valid notice or other communication under this Agreement is effective when received by the receiving party. A notice, or other communication, is deemed to have been received as follows:

- (1) if it is delivered in person, or sent by registered or certified mail, or by nationally recognized overnight courier, upon receipt as indicated by the date on the signed receipt; and

(2) if the receiving party rejects or otherwise refuses to accept it, or if it cannot be delivered because of a change in address for which notice was not given, then upon that rejection, refusal, or inability to deliver.

d. If a notice or other communication is received after 5:00 p.m. on a business day at the location specified in the address for the receiving party, or on a day that is not a business day, then the notice is deemed received at 9:00 a.m. on the next business day.

e. Any notice requiring prompt action shall be contemporaneously sent by facsimile transmission or electronic mail.

18. **Assignability**. The Contractor shall not assign any interest in this Agreement, and shall not transfer any interest in same, whether by assignment or novation, without the prior written approval of the Town.

19. **Independent Contractor**. The Contractor is and shall remain an independent contractor and not an employee of the Town.

Authorized parties are signing this Agreement as of the Effective Date stated in the introductory clause.

Town of Windermere:

_____ :

By: _____
Name: Robert Smith
Title: Town Manager

By: _____
Name: _____
Title: _____

Exhibit A – Contractor’s Response to the RFP

Exhibit B – Scope of Work

Exhibit C -- Additional FEMA Contractual Provisions

Exhibit D – Fee Schedule / Equipment List / Employee List

Exhibit E – Certification Regarding Lobbying (Byrd Anti-Lobbying)

APPENDIX A, 44 C.F.R. PART 18 – CERTIFICATION REGARDING LOBBYING (Byrd Anti-Lobbying)

**Certification for Contracts, Grants, Loans, and Cooperative Agreements
(To be submitted with each bid or offer exceeding \$100,000)**

The undersigned [Contractor] certifies, to the best of his or her knowledge, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.
 - 1.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, _____, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.

Signature of Contractor’s Authorized Official _____

Name and Title of Contractor’s Authorized Official _____

Date _____

RFP 2023-03 Debris Removal								
Fee Schedule	Raynor Shine Services hand delivered 6/28/2023	Looks Great Services of MS , Inc 6/30/2023 @9:57am	DRC Emergency Services 6/28/2023@10:10am	D& J Enterprise 6/29/2023@10:04am	Aftermath Disaster 6/29/2023@10:04am	SDR 6/29/2023@10:04am	KDF Enterprises 6/29/2023 @10:04am	Dobson Woods and Water 6/30/2023@11:57am
Cut and Toss/Clearing Roadway/hauling from ROM to DMS- include equipment includes operator					included 2 additional expense sheets for services not listed			Responder did not submit the required documents-1 unbound copy rec'd
Crew (3) including equipment operator, labor w/chainsaw	\$300.00	\$225.00	\$400.00	\$425.00	\$180.00	\$245.00	\$275.00	
5-4 CY Dump truck	\$110.00	\$90.00	\$145.00	\$165.00	\$75.00	\$108.00	\$130.00	
14-24 CY Dump truck	\$125.00	\$105.00	\$150.00	\$195.00	\$85.00	\$114.00	\$140.00	
large than 24 CY dump/transport truck	\$150.00	\$105.00	\$165.00	\$195.00	\$110.00	\$132.00	\$150.00	
skid steer/front loader	\$210.00	\$125.00	\$150.00	\$165.00	\$105.00	\$104.50	\$150.00	
Grapple truck	\$225.00	\$225.00	\$245.00	\$295.00	\$220.00	\$225.00	\$265.00	
35-50 ft ariel lift/bucker truck	\$225.00	\$145.00	\$245.00	\$165.00	\$200.00	\$192.00	\$260.00	
Rubber tire backhoe	\$175.00	\$110.00	\$275.00	\$165.00	\$165.00	\$132.00	\$160.00	
Traffic control	\$225.00	\$35.00	\$175.00	\$55.00	\$50.00	\$72.00	\$150.00	
Operator w/chainsaw	\$70.00	\$40.00	\$95.00	\$35.00	\$65.00	\$39.00	\$45.00	
Chipper	\$175.00	\$55.00	\$350.00	\$550.00	\$195.00	\$195.00	\$295.00	
Other appropriate equipment	\$175.00							
Climber with gear (hourly)			\$140.00					
Project manager			\$125.00					
Equipment transport			\$120.00					
Debris Removal								
Debris removal from ROW to Town DMS (yd3)		\$6.75		\$8.15	\$6.90	\$7.50	\$7.55	
Debris removal from temporary Town DMS to Contractor managed DMS (yd3)	\$90.00	\$6.00		\$7.00	\$10.90	\$7.25	\$6.50	
Debris removal from ROW to Contractor managed DMS (yd3)	\$11.50	\$6.75		\$8.15	\$6.90	\$7.75	\$7.55	
Final disposal /grinding chipping (y	\$14.50	\$3.85		\$11.25	\$7.00	\$7.25	\$9.67	
Stump grinding 0"-24"	\$13.00	\$95.00		\$375.00	\$180.00	\$290.00	\$295.00	
Stump grinding "25-48"	\$150.00	\$210.00		\$425.00	\$275.00	\$425.00	\$445.00	
Stump grinding greater than 49"	\$225.00	\$305.00		\$475.00	\$400.00	\$570.00	\$865.00	
Leaning Trees/Hangers (hourly)	\$350.00	\$210.00		\$225.00	\$400.00	\$265.00	\$400.00	
Other appropriate	\$150.00							

	\$150.00						
Extraction & hauling to DMS to DMS or Final Disposal, 24"-36"			\$300.00				
Extraction & hauling to DMS to DMS or Final Disposal, "36-48"			\$450.00				
Extraction & hauling to DMS to DMS or Final Disposal, 48" -60"			\$650.00				
Extraction & hauling to DMS to DMS or Final Disposal, 60" -72"			\$750.00				
Extraction & hauling to DMS to DMS or Final Disposal, greater than 72"			\$1,050.00				
Partially uprooted							
'6-12"			\$125.00				
13"-24"			\$395.00				
25"-36"			\$695.00				
25"36"			\$795.00				
37"-72"			\$895.00				
Greater than 72"			\$995.00				
Hangers			\$138.50				
Marine debris removal							
land based equipment (yd3)			\$98.50				
Marine based equipment			\$228.50				

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1 EXECUTIVE SUMMARY

Raynor Shine Services, LLC has a full understanding of the commitment needed to fulfill the services requested by the Town of Windermere of this Request for Proposal(RFP). We have provided these services for multiple entities throughout the state of Florida and look forward to the opportunity to provide these services for the Town of Windermere. We will call upon our highly skilled staff of grapple operators, semi drivers, grinder and production operators as well as all our managing staff and support units to address the challenges that exist in the administration of this complex multi-faceted operation. The core values of the Raynor Shine team include accountability, integrity, innovation and commitment to community. Raynor Shine employees derive this commitment and dedication from years of providing excellence service to our clients. We have witnessed the positive effects and outcomes of our services on the economy, communities and people's lives.

We at Raynor Shine believe because of our unique business structure and model we can provide a complete process that's needed to perform all the requirements of this RFP. We are considered a one stop shop, because of our ability to collect debris, process it and distribute the final product. We don't believe most of our competitors have this advantage. We also are local to the Central Florida area, therefore we would have a very quick response and assessment to the current event.

In preparing this proposal, our team has carefully reviewed this RFP's requirements and has determined that our current process supports our ability to meet all the RFP requirements.

Our staff has multiple qualified personnel to assist with managing these types of projects, but for this particular RFP the points of contact would be one of our owners, Mike Dinkel — President who can be reached by calling Raynor Shine main office number — 407-595-5332. Again we look forward to the opportunity of providing Disaster Relief Services to the Town of Windermere.

Qualifications to serve as the Disaster Relief Storm Contractor for Town of Windermere

Raynor Shine is an experienced, local leader in providing Disaster Relief Services to a number of municipalities and local small and large businesses. Raynor Shine has over 10 years of experience in disaster relief and debris collection services. Our expertise and applications include:

- On-time service commitment
- Start to finish recycling process
 1. Material Recovery
 2. Green Waste and Wood waste recycling
 3. Delivering Bulk Mulch

- Experienced equipment operators
- We divert green waste from landfills
- We support sustainable green waste reuse
- We have the equipment and capability to service clients throughout Florida
- Organized staff and support units
- Locally owned and operated
- Current Debris contracts with municipalities throughout the state of Florida

2.0 EXPERIENCES & KEY PERSONNEL

Raynor Shine currently operates and manages its own permitted yard waste and recycling yard in the City of Apopka, Florida. We collect and process nearly 1 million cubic yards of wood at our location. We also distribute end products as renewable sources of energy and mulch products to commercial landscape and maintenance companies. We have been providing these types of products and services for the last 9 years.

During September of 2017 the state of Florida was put under the order of a State of Emergency by Gov. Rick Scott. The approaching Hurricane IRMA made landfall some time just before 9/11/2018 near Naples, Florida causing widespread damage throughout the state. Raynor Shine immediately went from daily operation mode into disaster relief mode and began the process of cleaning-up smaller municipalities. Two weeks after the storm hit, Raynor Shine was contracted with Ashbritt, one of the largest storm disaster and recovery contractors in the nation to collect debris and manage several DMS locations. Over the next 2 months Raynor Shine was collecting and processing debris for Orange County and City of Orlando, who are customers of Ashbritt. It was determined that we collected and processed nearly 181,000 cubic yards between the 2 municipalities. We also managed the final destination of all processed material. We also became very familiar with the monitoring process that FEMA uses to determine reimbursement eligibility. Thompson and Tetrattech monitoring was among the monitoring companies that we have recently worked with after Hurricane IRMA. We have also come accustomed to using the HaulPass system for our ADMS(automated debris data management system). We completed the collecting, processing and final destination for Orange County and City of Orlando in less than 5 months.

The City of Winter Garden, Town of Oakland, Town of Windermere and the City of Ocoee are among the municipalities we assisted during the most recent damages from hurricane IRMA. We collected, processed and distributed over 60, 000 cubic yards of debris for the City of Ocoee. This process took about 5 weeks. We also collected 16,352 cubic yards for Town of Windermere, 10,000 cubic yards for Town of Oakland, and 6,000 cubic yards for the City of Winter Garden. All these projects were completed within 5 weeks or less of their start dates.

Town of Windermere

RF# #2023-03 Disaster Debris Removal Services

2.1 Key Personnel

2.1 KEY PERSONNEL

Mike Dinkel — Owner

100 Hermit Smith Rd Apopka, FL 32703

Office: 407-595-5332

Cell: 407-257-8567

2.2 KEY PERSONNEL RESUME

Michael Dinkel

100 Hermit Smith Road, Apopka, Florida 32703

407-595-5332 — art@goraynorshine.com — www.goraynorshine.com

ACCOMPLISHMENTS

Successfully operated and managed a debris and roll-off collection service for over 9 years. Assisted or directly involved in over 4 storm clean-up projects throughout the United States.

Experience

Owned and operated a Raynor Shine Services 10 years.

Owned and operated other business in Florida since the late 1980s.

Skills

- Field Supervisor
- Debris collection site manager
- Grapple and operations manager
- Excel and other office software

2.3 ORGANIZATIONAL CHART



XXXXXXXXXX

Town of Windermere

RFP #2023-03 Disaster Debris Removal Services3 Qualifications**3 QUALIFICATIONS****QUALIFICATIONS OF FIRM**

Raynor Shine Services, INC confirms that the company will secure at its own expense; all necessary personnel and resources required to perform the services under this contract. Such personnel shall not be employees or have any relationship with Town of Windermere. All subcontractors are part of a strong local network team working together to service Town of Windermere for the common goal of a full recovery in the event of a disaster. It is Raynor Shine's intent to successfully complete this contract using Tier 1 and 2 contractors in order to ensure fairness and due diligence for the said project herein.

Raynor Shine has a fully permitted locations currently located in Orange County, and currently provides services throughout the State of Florida. Previously Raynor Shine also managed three County yard and wood waste landfills for the Hillsborough County BOCC, and has held the grinding/processing operations for the Lake County and New Port Richey yard and wood waste landfills. Raynor Shine proudly holds extensive relations with several municipalities across the State of Florida, including The City of Orlando.

Along with state of the art grapple and trucking transport divisions, Raynor Shine currently owns and operates a fully permitted green waste management facility located at 100 Hermit Smith Rd Apopka, FL 32703. Since 2010, daily operations consist of receiving and processing/grinding wood products, yard waste and vegetative debris to make a sellable finished product. Finished wood and soil products are loaded and transported to many companies and municipalities throughout the State of Florida, including various power plants and farms. Raynor Shine is also currently a major mulch provider for surrounding City and County municipalities. The Apopka location currently collects debris from various municipalities including The City of Orlando. Raynor Shine has passed every oversight inspection by the State and County DEP, and has processed over 4 million cubic yards of material during that five year period. Raynor Shine proposes to utilize and recycle all finished material and divert all finished products from being landfilled or wasted.

Raynor Shine's grapple/hauling/trucking division already currently serves all areas within Orange County on a daily basis, and teamed with our Tier 2 contractors, is fully capable of hauling over 10,000 cubic yards of debris daily. Working with the leading Tree and Landscaping Services throughout Central Florida, our state of the art grapple fleet hauls wood waste debris to our facility to be processed, and our trucking division hauls the finished materials from the processing facilities located statewide. All of Raynor Shine's employees exercise safety and due care to ensure that property damages do not occur.

Raynor Shine's corporate headquarters is located at 100 Hermit Smith Rd, Apopka, FL 32703. This location is 30 acres and not only houses Raynor Shine's permitted grapple, mechanical mulch installation and trucking transport divisions, but also our full service facility operated by our certified technicians. Our fully equipped service trucks are on call with experienced field technicians and available for emergency assistance. All equipment is inspected and fully operational prior to mobilization. The Apopka location is also a licensed mulch retail yard, where the majority of our available finished products are stored.

Town of Wintermere

RFP #2023-03 Disaster Debris Removal Services

3.1 Qualifications References

3.1 REFERENCES

Agency: Ashbritt — Orange County and City of Orlando Hurricane Irma cleanup

Address: 565 E. Hillsboro Blvd, Deerfield Beach, FL

Contact: Jared Muskowitz

Phone:

Email: jmuskowitz@ashbritt.com

Service: Clean up storm debris from City streets, hauled material, managed dumpsites, retail finished product.

Dates: 09/2017 — 01/2018 (182,000 cubic yards hauled and processed)

Dollar value: \$1,230,051

Agency: City of Ocoee

Address: 150 North Lakeshore Drive, Ocoee, Florida 34761

Contact: Andra Haynes — Project Manager/Public Works Dept

Phone: 407-905-3170

Email: skrug@ci.ocoee.fl.us

Service: Hurricane Irma Debris Removal, hauling and disposal: final destination site

Dates: 09/2017 — 12/2017 (60,000 cubic yards hauled and processed)

Dollar value: \$1,200,000

Agency: City of Dallas Sanitation Services, City of Dallas

Address: 3112 Canton, Dallas, TX 75226

Contact: Johnny Jackson, District 5

Phone: (214) 670-3555

Town of Windermere

RFP #2023-03 Disaster Debris Removal Services

3.1 Qualifications References

Service: Clean up storm debris from City streets, transfer debris to refuse sites for recycling (4 million CY)

Dates: 04/2010 -- 05/2011

Agency: City of Duncanville

Address: 203 E. Wheatland Rd, Duncanville, TX 75116

Contact: Brunswick O. Morton

Phone: (972) 780-5058

Email: bmorton@ci.duncanville.tx.us

Service: Storm generated pick up and removal

4.0 PROJECT UNDERSTANDING AND APPROACH

DEBRIS MANAGEMENT PROCESS

Raynor Shine Services, INC shall provide a TDSRS or a final destination site for vegetative debris if deemed necessary by the Town of Windermere. The sites shall be maintained in full accordance with all applicable Federal, State and local laws, ordinances, regulations and standards. Along with state of the art grapple and trucking transport divisions, Raynor Shine currently owns and operates a fully permitted green waste management facility in Ocoee, located in Orange County, Florida. Daily operations consist of receiving and processing wood products, yard waste and vegetative debris to make a sellable finished product. Finished wood and soil products are loaded and transported to many companies throughout the State of Florida. Raynor Shine currently collects debris from several city and county municipalities throughout the State of Florida. Raynor Shine has passed every oversight inspection by the State and County DEP, and currently processes over 1,000,000 cubic yards of material annually.

EQUIPMENT OPERATIONS

Raynor Shine will keep all equipment maintained and in good working condition at all times. Equipment is repaired and maintained at our full service facility by our certified technicians located at 100 Hermit Smith Road, Apopka, Florida. Our certified field technicians equipped with state of the art service trucks are on call and available for emergency technical assistance. All equipment is inspected and fully operational prior to mobilization.

Raynor Shine has a large variety of equipment and maintains its partnerships with national equipment manufacturing companies to ensure equipment availability and replacement in the event of a storm or machinery breakdown. Sufficient back up equipment shall be available for substitution and normal routine maintenance. All equipment is fitted with protective structures and fire extinguishers.

All Raynor Shinc employees receive training in safe equipment operations, and fire prevention procedures. Safety meetings are conducted weekly. Hearing protection is implemented when operating machinery over 85 decibels, safety goggles, vests, leather gloves and a dust respirator shall be worn to protect from dust. Tub grinding and screening areas require hard hats.



AGREEMENT FOR DISASTER DEBRIS REMOVAL SERVICES

between

THE TOWN OF WINDERMERE

and

Raynor Shine Services LLC

This Agreement is dated 6/21, 2023 (the "Effective Date") and is between the **Town of Windermere, Florida**, a municipal corporation chartered and operating under the laws of the State of Florida (the "Town"), and Raynor Shine Services LLC [business name], a LLC [type of corporation/company], (the "Contractor").

The Town issued **RFP #2023-03 Disaster Debris Removal Services** (the "RFP"), pursuant to which the Town has selected the Contractor to perform some or all of the services set forth in the RFP.

The Town and the Contractor therefore agree as follows:

1. **Scope of Services; Agreement Documents.**

a. The Contractor shall diligently and timely perform the Scope of Services requested by the Town in **Exhibit B** under the terms of this Agreement and the Exhibits hereto. The Town may request changes or amendments to the Scope of Services. Such changes will not be binding unless mutually agreed to in writing and signed by the Town and the Contractor.

b. This Agreement, together with **Exhibits A-E** attached hereto and all of which are incorporated herein by this reference, shall comprise the entire Agreement. This Agreement and the following attachments shall together be referred to as the "Agreement Documents":

- **Exhibit A** – Contractor's Response to the RFP
- **Exhibit B** – Scope of Work
- **Exhibit C** – Additional FEMA Contractual Provisions
- **Exhibit D** – Fee Schedule
- **Exhibit E** – Certification Regarding Lobbying (Byrd Anti-Lobbying)

Upon discovery the Town or the Contractor shall promptly notify the other in writing of any conflicts, ambiguities, inconsistencies, errors, or omissions in, between or among any of Agreement Documents and shall cooperate in effecting a resolution. In the event the parties disagree regarding the resolution, the Town shall make the final determination regarding which document and which terms and conditions govern.

2. **Term.** The initial term of this Agreement shall be for three (3) years, beginning on the Effective Date and ending on _____. This Agreement may, by mutual written agreement of the parties, be extended for two (2) additional years.

3. **Payment.** The Contractor is to provide with each invoice submitted to the Town, a detailed daily description of all work occurred, including, but not limited to, all hauling load/trip tickets - separated in an electronic format capable of saving and sending in a common electronic means, i.e., excel spreadsheet. All invoices received by the Town are payable within thirty days from the date of receipt, provided they have first been approved by the Town Manager or his designee. The amount of payment shall be based on the approved fee schedule attached hereto as **Exhibit D**.

4. **Taxes.** The Contractor shall pay all federal, state, and local taxes, to include sales tax, social security, workman's compensation, unemployment insurance, and other required taxes which may be chargeable against labor, material, equipment, real estate and any other items necessary to and in the performance of this Agreement.

5. **Termination for Convenience.** The Town may for any reason whatsoever terminate this Agreement upon ten days written notice to the Contractor. In the event of termination, the Contractor shall cease work and shall deliver to the Town all documents, including reports, surveys, plans, tracings, specifications, and all other data and material prepared or obtained by the Contractor in connection with this Agreement. The Town shall, upon delivery of the aforesaid documents, pay the Contractor for work completed through the date of termination and which is approved by the Town. Payment for work completed will constitute payment in full for services performed by Contractor.

6. **Indemnification and Limitation of Liability.**

a. The Contractor shall defend, indemnify, and hold harmless the Town, its officers, directors, agents, contractors, employees, and council members from and against all claims, damages, losses, and expenses, (including but not limited to fees and charges of attorneys or other professionals and court and arbitration or other dispute resolution costs) arising out of or resulting from: (i) the performance of services by the Contractor or any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable, (ii) breach of the terms of this Agreement by the Contractor or any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable, (iii) violations of applicable law by any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may

be liable, (iv) disease or death of third parties (including Town employees and agents and those of the Contractor), or (v) damage to property to the extent attributable to the negligence or willful misconduct of the Contractor or any person or organization directly or indirectly employed by the Contractor to perform or furnish any of the services or anyone for whose acts any of them may be liable.

b. The Contractor expressly waives all claims against the Town, and its officers, directors, agents, contractors, employees, and council members for any loss, damage, personal injury or death occurring as a consequence of the Contractor's activities or the performance of services under this Agreement.

c. In no event shall the Town be liable to the Contractor for indirect, special, or consequential damages, including, but not limited to, loss of revenue, loss of profit, cost of capital, or loss of opportunity regardless of whether such liability arises out of contract, tort (including negligence), strict liability, or otherwise.

d. The Town shall not assume any liability for the acts, omissions, or negligence of the Contractor its agents, servants, employees, or subcontractors. In all instances, the Contractor shall be responsible for any injury or property damage resulting from any activities conducted by the Contractor.

e. The Town's limits of liability are set forth in Section 768.28 of the Florida Statutes, and nothing herein shall be construed to extend the liabilities of the Town beyond that provided in Section 768.28 of the Florida Statutes. Nothing herein is intended as a waiver of Town's sovereign immunity under Section 768.28 of the Florida Statutes. Nothing hereby shall inure to the benefit of any third party for any purpose, including but not limited to anything which might allow claims otherwise barred by sovereign immunity or operation of law.

7. Insurance.

a. The Contractor shall, at its expense, procure and maintain during the term of this Agreement insurance approved by Town of the following types or such other insurance as the Town may require from time to time:

- (1) **Worker's Compensation:** statutory benefits, as required by law.
- (2) **Employer's Liability:** limits of One Hundred Thousand Dollars (\$100,000) bodily injury by accident, injury and disease, and a Five Hundred Thousand Dollar (\$500,000) policy aggregate limit.
- (3) **Comprehensive General Liability:** in an amount of at least One Million Dollars (\$1,000,000.00) for injuries, including but not limited to wrongful and accidental death per person and Five Million Dollars (\$5,000,000.00) for any one accident, and property damage insurance in an amount of at least One Million Dollars (\$1,000,000.00).
- (4) **Comprehensive Automobile Liability:** in an amount of at least One Million Dollars (\$1,000,000.00) bodily injury for each person and Five Million Dollars (\$5,000,000.00) for each occurrence and One Million Dollars (\$1,000,000.00) Property Damage for each accident.

- (5) **Professional Liability/Errors and Omissions:** One Million Dollars (\$1,000,000.00), with a maximum deductible of One Hundred Thousand Dollars (\$100,000.00). The errors and omissions policy shall be in effect and shall insure against the Consultant's negligent acts, errors or omissions relating to the services performed under this Agreement. Consultant shall include the Town as an additional insured under the policy terms and conditions.

b. On or before the Effective Date, the Contractor shall furnish the Town certificates of insurance evidencing compliance with the coverage requirements in this section and allowing thirty days written notice of any change, cancellation, or non-renewal. The certificates must contain the following words: "*Should any of the above described policies be canceled before the expiration date, the issuing company will mail a thirty day notice to the certificate holder named herein.*" Thereafter the Contractor shall provide, annually, certificates evidencing that such insurance remains in effect to the extent required under this Agreement.

8. **Compliance with Federal, State, and Local Law.** The Contractor shall comply with all applicable federal, state, and local laws and ordinances.

9. **Ownership of Documents.** All documents, including detailed reports, plans, original tracings, specifications, and all other data, prepared or obtained by the Contractor in connection with the services hereunder shall be delivered to, and shall become the property of the Town prior to the final payment to or upon completion of work by the Contractor.

10. **Public Records.** To the extent Contractor is acting on behalf of the Town as provided under Subsection 119.011(2) of the Florida Statutes, Contractor shall:

- (1) Keep and maintain public records required by the Town to perform the services under this Agreement.
- (2) Upon request from the Town's custodian of public records, provide the Town with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119 of the Florida Statutes or otherwise provided by law.
- (3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if the Contractor does not transfer the records to the Town.
- (4) Upon completion of the Agreement, transfer, at no cost, to the Town all public records in possession of Contractor or keep and maintain public records required by the Town to perform the service. If the Contractor transfers all public records to the Town upon completion of the Agreement, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public

records upon completion of the Agreement, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the Town, upon request from the Town's custodian of public records, in a format that is compatible with the information technology systems of the Town.

b. If the Contractor fails to provide the public records to the Town within a reasonable time the Contractor may be subject to penalties under Section 119.10 of the Florida Statutes. Further, the Town may exercise any remedies at law or in equity, including, without limitation, the right to (i) impose sanctions and assess financial consequences, (ii) withhold and/or reduce payment, and (iii) terminate this Agreement in accordance with the terms hereof.

c. **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE TOWN'S CUSTODIAN OF PUBLIC RECORDS AT (407-876-2563 X 5323, DBURKHALTER@TOWN.WINDERMERE.FL.US, 614 MAIN STREET, WINDERMERE, FLORIDA 34786.**

11. **Ambiguities.** Both parties have been allowed equal input regarding the terms and wording of this Agreement and have had the benefit of consultation with legal counsel prior to its execution, such that all language herein shall be construed equally against the parties, and no language shall be construed strictly against its drafter.

12. **Headings.** The headings or captions of sections or paragraphs used in this Agreement are for convenience of reference only and are not intended to define or limit their contents, nor are they to affect the construction of or to be taken into consideration in interpreting this Agreement.

13. **Modification; Waiver.** No provision of this Agreement may be modified, waived, or discharged unless that modification, waiver, or discharge is agreed to in writing signed by both parties, and if necessary, approved by the Town Council of the Town of Windermere. No waiver by either party of any breach of this Agreement by the other party will constitute a waiver of any other breach occurring at the same time or before or after.

14. **Severability.** If any provision of this Agreement is found by a court of competent jurisdiction to be invalid or unenforceable to any extent, the remainder of this Agreement shall not be affected thereby and shall remain enforceable to the greatest extent permitted by law.

15. **Governing Law; Venue.** This Agreement shall be governed by and construed in accordance with laws of the State of Florida, and venue for any action arising out of or related to this Agreement shall be in the Circuit Court for the Ninth Judicial Circuit in Orange County, Florida.

16. **Entire Agreement.** This Agreement contains the entire agreement of the parties with respect to the services to be performed under the RFP. Previous agreements and understandings of the parties with respect to such matters are null and void and of no effect.

17. **Notices.**

a. For a notice, or other communication, under this Agreement to be valid, it must be in writing and signed by the sending party, and the sending party must use one of the following methods of delivery: (1) personal delivery; (2) registered or certified mail, in each case return receipt requested and postage prepaid; and (3) nationally recognized overnight courier, with all fees prepaid. Delivery via facsimile, or email, is also permitted provided it is followed by delivery via one of methods (1)-(3) above and any such delivery via facsimile or email shall not be deemed to have been received pursuant to subsection 17.c. until such delivery pursuant to methods (1)-(3) above shall be deemed to have been received pursuant to Section 17.c.

b. For a notice, or other communication, under this Agreement to be valid, it must be addressed to the receiving party at the addresses listed below for the receiving party, or to any other address designated by the receiving party in a notice in accordance with this Section 17.

As to Town:

Town of Windermere
Robert Smith, Town Manager
Town of Windermere
614 Main Street
Windermere, Florida 34786
rsmith@town.windermere.fl.us
407-876-2563 x 5324

As to Contractor:

*Raynor Shine Services LLC
Michael Dinkel owner
100 Hermit Smith Rd
Apopka, FL 32703
mdinkel@raynorshine.com
407-595-5332*

c. Subject to Section 17.d., a valid notice or other communication under this Agreement is effective when received by the receiving party. A notice, or other communication, is deemed to have been received as follows:

- (1) if it is delivered in person, or sent by registered or certified mail, or by nationally recognized overnight courier, upon receipt as indicated by the date on the signed receipt; and

(2) if the receiving party rejects or otherwise refuses to accept it, or if it cannot be delivered because of a change in address for which notice was not given, then upon that rejection, refusal, or inability to deliver.

d. If a notice or other communication is received after 5:00 p.m. on a business day at the location specified in the address for the receiving party, or on a day that is not a business day, then the notice is deemed received at 9:00 a.m. on the next business day.

e. Any notice requiring prompt action shall be contemporaneously sent by facsimile transmission or electronic mail.

18. **Assignability.** The Contractor shall not assign any interest in this Agreement, and shall not transfer any interest in same, whether by assignment or novation, without the prior written approval of the Town.

19. **Independent Contractor.** The Contractor is and shall remain an independent contractor and not an employee of the Town.

Authorized parties are signing this Agreement as of the Effective Date stated in the introductory clause.

Town of Windermere:


_____ :

By: _____
Name: Robert Smith
Title: Town Manager


By: 
Name: _____
Title: Administrator

Exhibit B

Disaster Debris Removal Services

Scope of Work

Town of Windermere is seeking to contract with qualified Contractor(s) to provide all labor, materials, personnel and equipment needed to conduct disaster debris removal services in the Town's Rights-of-Way, facility grounds and/or any other areas deemed necessary within the Town. Due to the urgency and level of service required following a disaster event, the Town seeks proposals from qualified Contractor(s) with sufficient experience in the specialized management of disaster response for the purpose of debris removal services during the preparation, response, recovery, and mitigation phases of potential emergency situations or disasters. Consequently, qualified Contractors must have the capacity and ability to rapidly mobilize and respond to potential wide-scale debris volumes related to a natural disaster or man-made event impacting the Town as a result but not limited to, tornadoes, wind storms, tropical storms, hurricanes.

TOWN'S RIGHT TO INSPECT

The Town or its authorized agent shall have the right to inspect the Contractor's files to determine status of work on the project.

TERMS AND CONDITIONS OF CONTRACT

The Town has developed standard contract/agreements. The Contractor shall be required to return a signed standard Town contract/agreement contained within the RFP with your submittal.

A contract/agreement resulting from this RFP shall be subject to the terms and conditions set forth in a standard Town contract and any terms and conditions included in the RFP. The Town reserves the right to include in any contract document such terms and conditions, as it deems necessary for the proper protection of the rights of the Town. The Town will not be obligated to sign any contracts, maintenance and/or service agreements or other documents provided by the Contractor(s) with their submittal until approved by the Council.

GENERAL

1. **License/Certification:** Bidder must list on the Price Sheet their current occupational license (business tax receipt) for the municipality in which they are registered, professional license, and any other authorizations inclusive of the Federal Emergency Management Agency (FEMA) certifications necessary to carry out and perform the work required by the project pursuant to all applicable Federal, State and Local Law, Statute, Ordinances, and rules and regulations of any kind. The lowest, most responsive bidder(s) shall submit copies of all licenses/certifications listed within five (5) business days' notice.

2. **Pre-Event Coordination Meeting:** The Successful Contractor(s) may be required to attend an annual pre-hurricane season kickoff meeting with the Town and its debris monitoring firm(s) at no cost to the Town.
3. **Maintenance of Traffic:** Contractor will be responsible for all traffic control per FDOT specifications. If any work that requires M.O.T. is done on Town owned roadways, a M.O.T. certified employee will be required on site.
4. **Compliance:** When appropriate, the Contractor(s) shall comply with the most current revision of A.N.S.I. Z-133.1 and A300, Standard for Tree Care Operations for pruning, trimming, and removal of trees.
5. **Communication:** The Contractor(s) staff working on site shall be equipped with a cell phone or smart phone; cell phone and smart phone numbers must be kept up to date and any changes must be IMMEDIATELY communicated to the Town Public Works Department for distribution to Town departments. The Contractor(s) owner/authorized representative must be equipped with the technology capable of receiving email outside of the office.
6. **Hourly Rates:** For the purpose of the Qualification, and all hourly rates for cutting and removal services shall be based on a minimum THREE (3) person crew and shall be PER CREW HOUR. If Contractor chooses to provide additional staff to their crew, the rate SHALL NOT change.
 - In the case of hourly rates, time starts when the Contractor arrives and begins working at the site; Town of Windermere will not pay ANY travel charges, including fuel surcharges, during the course of this agreement.
7. **Work Hours:** The Contractor(s) shall conduct those debris removal operations that generate noise levels above that normally associated with the routine traffic flow, during daylight hours only. Work may be performed seven days (7) per week. Adjustments to work hours, as local conditions may dictate, shall be coordinated between the Town and the Contractor(s). Unless otherwise directed, the Contractor must be capable of conducting volumetric reduction operations at DMS locations on a twenty-four (24) hour, seven (7) days a week basis.
8. **Response Time:** The Contractor(s) will be required to respond within two (2) hours of a Town declared event. The Contractor shall be able to provide at least three separate three-man crews with cutting and clearing equipment able to respond to at least three separate locations at the same time in the Town. Anticipated needs will be for rights of way "cut and toss" cutting and clearing services, and possible loading and hauling services.
 - The Contractor(s) shall prioritize work as "first priority" for the Town above all other jobs.

- If the primary Contractor cannot meet the above time frames, or if the event warrants additional resources to fulfill the Town's needs, the secondary Contractor will be contacted. Repeated failure to meet the time frames as listed may result in the contract termination.
9. **Site Clean Up:** The Awarded Contractor shall clean up the site to include removal and disposal of all debris at the end of each day's operation unless otherwise approved by the Town. Contractor shall remove sawdust, small twigs, chips, leaves, trunks, and limbs from the street, parking lot, and sidewalks. All sites are to be restored to equal or better pre-work condition prior to the storm event. Contractor is responsible for the Solid Waste disposal fees or other governmental/municipal fees.
10. **Invoice Requirements:** Invoices must include sufficient documentation (e.g. equipment used, hours worked, work location with street address and/or GPS coordinates, equipment number, cubic yards) to support the payment requested by the Contractor. All documentation necessary for the processing reimbursement by the federal reimbursement agencies such as the Federal Emergency Management Agency (FEMA), Federal Highway Administration Emergency Relief (FHWA-ER), and the National Resource Conservation Service (NRCS), is to be supplied with each invoice or payment will be withheld until receipt of said documentation. The Contractor shall comply with any invoicing or reporting requirements specified by FEMA or any other federal or state reimbursing agency. The Contractor shall invoice the Town separately for debris removal costs associated with the various reimbursing agencies. Invoices will be submitted in electronic format and hard copy. All payment provisions will be based on unit prices with the exception of work as specified as "cut and toss" cutting and clearing of the public rights of way. Contractor will not be paid for the removal, transportation, storage, reduction, and/or disposal of any material, vegetation and construction as may be determined by the Town and/or government as ineligible debris and/or not legitimate.
11. **Reports:** Contractor shall supply and submit periodic written reports to the Town as requested or required, detailing the progress of the debris removal and disposal. These reports may include, but not limited to:
- a. **Daily Reports** - Daily reports shall detail the locations where passes for the debris removal were conducted, the quantity of debris (by type) removed and disposed of, the total number of the personnel crews engaged in the debris management operations, and the hours of equipment in operation. The reports will be segregated by the debris removal work associated with the responsible reimbursing agency, e.g. FEMA, FHWA, NRCS. Contractor shall also report damages to private property caused by the debris operation or damage claims made by citizens and such other information as maybe required to completely

describe the daily conduct of Contractor's operation. Contractor shall also maintain hazardous waste reports.

- b. Debris Reporting Tickets** – The Contractor shall provide serialized debris reporting tickets for each load of debris. These tickets shall be used as the basis of any electronic generated billing and/or reports. Each debris reporting ticket shall contain all of the following, or no payment will be issued for that ticket.

- Loading location with an exact street address or GPS coordinates
- Percentage estimate of the debris load
- Truck number and certified capacity
- Driver name
- Contractor and subcontractor
- Date
- Time of departure from loading location
- Time of arrival at the disposal site (temporary if utilized and final)
- Type of debris
- Pass classification

The time of departure and time of arrival must be on the same day. No payment will be issued for pre-loading of debris. No altered ticket will be acceptable for payment. All debris removal tickets shall be provided in an electronic database on a searchable format along with hard copies.

- c. Role and Responsibility of Debris Monitoring Consultant** – The Town may employ the services of a debris monitoring consultant to provide oversight of the Contractor's operations. In this capacity, the consultant acts as the Town's agent and has the authority to act on its behalf, including direction to the Contractor on all operational, reporting and administrative matters.

SCOPE OF WORK

Solicitation of Qualified firms to provide for the removal of all debris and disposal management services in accordance with all applicable federal, state and local laws, and environmental regulations. Under this contract, work shall consist of coordinating and mobilizing an appropriate number of cleanup crews, as determined by the Public Works Director or their agent. Work shall include the clearing and removing of any and all eligible debris as the most currently defined (at the time of the event) by the Public Assistance grant program guidelines of the Federal Emergency Management Agency (FEMA). Eligible also includes meeting any changes on definition, rules or requirements regarding debris removal reimbursement as stipulate by FEMA during the course of a

debris removal project. The aforementioned definition of "Eligible" applies to all uses throughout this RFP. Work will include: examining debris to determine whether or not debris is Eligible; loading the debris; hauling debris to Town approved temporary Debris Management Site(s) (DMS) or Contractor owned, leased or managed permitted Final Disposal/Destination Site. Debris not defined as eligible by FEMA will not be loaded, hauled, dumped or reimbursed under this contract unless written instructions are given to the Contractor by the Town Public Works Director or agent designee. It shall be the Contractor's responsibility to load, transport, reduce and properly dispose of any and all disaster generated debris which is the result of the event under which the Contractor and the Town have contracted under this RFP, unless otherwise directed by the Town Public Works Director or agent designee, in writing. This includes, but not limited to:

a. Emergency Road Clearing

At the request of the Town, work shall consist of all labor, equipment, fuel and associated costs necessary to clear and remove debris from the Town roadways, as know as "Cut and Toss" to make them passable immediately following the declared disaster event. All roadways designated by the Public Works Director or agent designee shall be clear and passable within 60 working hours of from the time of the event has reached winds less than 40 MPH. The Town may wish to extend the Contractors' 60-hour limit through a written request. The Contractor shall assist the Town and its representatives in ensuring proper documentation of emergency road clearance activities by documenting the type of equipment and/or labor utilized (i.e., certification), starting and ending times, and zones/areas/roads worked. Services performed under this Contract element will be compensated using Hourly Labor and Equipment Price Schedule.

b. Rights of Way Debris Removal

Under this contract, work shall consist of all labor, equipment, fuel, traffic control costs and other associated costs necessary to pick up and transport Eligible disaster-related vegetative debris existing on the Town ROW to a Town approved temporary DMS or Contractor Final Disposal Site in accordance with all federal, state and local rules and regulations.

1. For the purpose of this contract, Eligible vegetative debris that is piled in immediate close proximity to the street and is accessible from the street with the loading equipment (i.e., not behind a fence or other physical obstacle) will be removed.
2. Removal of Eligible vegetative debris existing in the Town will be performed as identified by the Public Works Director or their agent designee.
3. Once the debris removal vehicle has been issued a load ticket from the Town or authorized agent, the debris removal vehicle will proceed immediately to a temporary DMS or Contractor Final Disposal/Destination Site.
4. All Eligible debris will be removed from each location before proceeding to the next location unless directed otherwise by the Town or authorized agent.
5. Entry onto private property for the removal of eligible vegetation that possess an immediate threat to life, public health and safety and general

welfare to the public, will only be permitted when directed to do so by the Town.

6. Any eligible debris, such as fallen trees, which extends onto the ROW from private property shall be cut at the ROW line and removed.
7. The Contractor must provide traffic control as conditions require or as directed by the Town or authorized agent.

c. Stump Grinding/Removal

- a. All tree stumps and major roots projecting through or appearing at the surface must be removed at least six inches (6") below the lowest soil level adjacent to the stump, or until deep roots are no longer encountered.
- b. Holes created by the stump and root grinding must be filled, graded and compacted with soil the same day. Contractor shall use material similar to that found in the hole and surrounding tree base, approved as acceptable by the Town.
- c. Before filling holes, all routing chips and debris shall be removed from the hole and hauled from the site.
- d. Clean up the site to include removal and disposal of all debris at the end of the each days' operations; see Site Clean Up specification above.

ATTACHMENT C: ADDITIONAL PROVISIONS FOR FEMA RELATED PROJECTS

Equal Employment Opportunity

During the performance of this contract, the Respondent agrees as follows:

- (1) The Respondent will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Respondent will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Respondent agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- (2) The Respondent will, in all solicitations or advertisements for employees placed by or on behalf of the Respondent, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.
- (3) The Respondent will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Respondent's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The Respondent will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The Respondent will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the Respondent's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Respondent may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions as may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The Respondent will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Respondent will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance; Provided, however, That in the event the Respondent becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency the Respondent may request the United

States to enter into such litigation to protect the interests of the United States."

Copeland Anti-Kickback Act

Compliance with the Copeland "Anti-Kickback" Act.

- (1) **Respondent.** The Respondent shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.
- (2) **Subcontracts.** The Respondent or subcontractor shall insert in any subcontracts the clause above and such other clauses as the FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The Respondent shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- (3) **Breach.** A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a Respondent and subcontractor as provided in 29 C.F.A. § 5.12."

Contract Work Hours and Safety Standards Act

Compliance with the Contract Work Hours and Safety Standards Act.

- (1) **Overtime requirements.** No Respondent or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (2) **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1) of this section the Respondent and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Respondent and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation.

of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.

- (3) Withholding for unpaid wages and liquidated damages. The Town of Windermere shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Respondent or subcontractor under any such contract or any other Federal contract with the same prime Respondent, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime Respondent, such sums as may be determined to be necessary to satisfy any liabilities of such Respondent or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.
- (4) Subcontracts. The Respondent or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Respondent shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section."

Clean Air Act

- (1) The Respondent agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
- (2) The Respondent agrees to report each violation to the (name of the state agency or local or Indian tribal government) and understands and agrees that the (name of the state agency or local or Indian tribal government) will, in turn, report each violation as required to assure notification to the (name of recipient), Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- (3) The Respondent agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FEMA.

Federal Water Pollution Control Act

- (1) The Respondent agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- (2) The Respondent agrees to report each violation to the (name of the state agency or local or Indian tribal government) and understands and agrees that the (name of the state agency or local or Indian tribal government) will, in turn, report each violation as required to assure notification to the (name of recipient), Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

- (3) The Respondent agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FHMA.

Suspension and Debarment

- (1) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the Respondent is required to verify that none of the Respondents, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- (2) The Respondent must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- (3) This certification is a material representation of fact relied upon by (insert name of subrecipient). If it is later determined that the Respondent did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (name of state agency serving as recipient and name of subrecipient), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- (4) The Respondent agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended)

Respondents who apply or bid for an award of \$25,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient."

Procurement of Recovered Materials

- (1) In the performance of this contract, the Respondent shall make maximum use of products containing recovered materials that are EPA designated items unless the product cannot be acquired-
 - (i) Competitively within a timeframe providing for compliance with the contract performance schedule.

(ii) Meeting contract performance requirements; or

(iii) At a reasonable price.

- (2) Information about this requirement is available at EPA's Comprehensive Procurement Guidelines web site, <http://www.epa.gov/cpg/>. The list of EPA-designate items is available at <http://www.epa.gov/cpg/products.htm>.

Access to Record

- (1) The Respondent agrees to provide (insert name of state agency or local or Indian tribal government), (insert name of recipient), the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Respondent which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.
- (2) The Respondent agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- (3) The Respondent agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract."

DRS Seal, Logo, and Flags

The Respondent shall not use the DRS seal(s), logos, crests, or reproductions of flags or likenesses of DRS agency officials without specific FEMA pre-approval.

Compliance with Federal Law, Regulations and Executive Orders.

This is an acknowledgement that FEMA financial assistance will be used to fund the contract only. The Respondent will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

No Obligation by Federal Government.

The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, Respondent, or any other party pertaining to any matter resulting from the contract.

Program Fraud and False or Fraudulent Statements or Related Act

The Respondent acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Respondent's actions pertaining to this contract.

**EXHIBIT D TO ATTACHMENT A
FEE SCHEDULE**

Cut and Toss/Clearing Roadways/Hauling from ROM to DMS – Equipment includes Operator

Equipment/Personnel	Unit	Unit Price
Crew (3 Person - Including Equipment Operator, Labors w/chainsaws)	Hour	110.00/Hr
5-14 CY Dump Truck	Hour	125.00/Hr
14-24 CY Dump Truck	Hour	150.00/Hr
Larger Than 24 CY Dump/Transport Truck	Hour	210.00/Hr
Skid Steer / Front Loader	Hour	225.00/Hr
Grapple Truck	Hour	225.00/Hr
35-50 Foot Ariel Lift / Bucket Truck	Hour	175.00/Hr
Rubber Tire Backhoe	Hour	225.00/Hr
Traffic Control	Hour	70.00/Hr
Operator w/ Chainsaw	Hour	60.00/Hr
Chipper	Hour	175.00/Hr
Other Appropriate Equipment	Hour	175.00/Hr

Debris Removal (Other)

Services	Unit	Unit Price
Debris Removal from ROW to Town DMS	Cubic Yard	90.00
Debris Removal from Temporary Town DMS to Contractor Managed DMS	Cubic Yard	11.50
Debris Removal from ROW to Contractor Managed DMS	Cubic Yard	14.50
Final Disposal/Grinding/Chipping	Cubic Yard	13.00
Stump Grinding	0-24"	150.00
Stump Grinding	25" – 48"	225.00
Stump Grinding	Greater Than 49"	350.00
Leaning Trees/Hangers	Hour	125.00
Other Appropriate		150.00

Exhibit E – Certification Regarding Lobbying (Byrd Anti-Lobbying)

APPENDIX A, 44 C.F.R. PART 18 – CERTIFICATION REGARDING LOBBYING (Byrd Anti-Lobbying)

Certification for Contracts, Grants, Loans, and Cooperative Agreements
(To be submitted with each bid or offer exceeding \$100,000)

The undersigned [Contractor] certifies, to the best of his or her knowledge, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
 - 1.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, Raynor Shine Services, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.

Signature of Contractor's Authorized Official _____



Name and Title of Contractor's Authorized Official _____

John Shigley Administrator

Date _____

6/21/23

**EXHIBIT B
DRUG-FREE WORKPLACE CERTIFICATION**

THE BELOW SIGNED Respondent CERTIFIES that it has implemented a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the work place and specifying the actions that will be taken against employees for violation of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under quote a copy of the statement specified in subsection 1.
4. In the statement specified in subsection 1, notify the employees that, as a condition of working on the commodities or contractual services that are under quote, the employee will abide by the terms of the statement and will notify the employer of any conviction or plea of guilty or nolo contendere to any violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in, drug abuse assistance or rehabilitation program if such is available in the employee's community, by an employee who is convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

Date: 6 / 21 / 2023

Signature: 

Printed Name: John Shigley

Title: Administrator

Company: Raynor Shine Services, LLC

EXHIBIT C
EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

The Town requires compliance with State and Federal regulations governing Equal Employment Opportunity, External Equal Opportunities (EO), External On-the-Job Training (OJT), Title VI, and the Americans with Disabilities Act (ADA) programs.

Sub-recipients of federal-aid contracts must include notifications in all solicitations for bids of work or material and agreements subject to Title VI of the Civil Rights Act of 1964 and other nondiscrimination authorities. Sub-recipients, contractors and subcontractors may not discriminate in their employment practices or in the selection and retention of any subcontractor.

By signing this document, the Respondent hereby certifies their commitment to assure nondiscrimination in its programs and activities to the effect that no person shall on the grounds of race, color, national origin, sex, age, disability or income status be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination or retaliation under any federally or non-federally funded program or activity administered by the sub-recipient and/or its contractors.

Company Name: Raynor Shine Services, LLC

Authorized Representative Name and Title: John Shigley Administrator

Signature of Authorized Representative: 

EXHIBIT D
NON-COLLUSION OATH

STATE OF Florida

COUNTY OF Orange

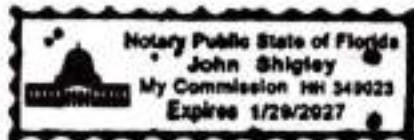
Before me, the Undersigned, a Notary Public, for and in the County and State aforesaid, personally appeared:


Michael Dinkel and made oath that the Respondent herein, its agents, servants, and/or employees, to the best of its knowledge and belief, have not in any way colluded with anyone for and on behalf of the Respondent, or themselves, to obtain information that would give the Respondent an unfair advantage over others, nor have they colluded with anyone for and on behalf of the Respondent, or themselves, to gain any favoritism in the award of the Contract.


Affiant Signature

Sworn to (or affirmed) and subscribed before me this 21 day of June,
20 23, by Michael Dinkel.

[STAMP HERE]




Signature of Notary Public
State of Florida

Personally Known OR Produced Identification _____

Type of Identification Produced: _____

**EXHIBIT E
GOOD FAITH AFFIDAVIT**

I hereby propose to provide the services requested in the Town's RFP and, if awarded, enter into a contract with the Town. I agree that the terms and conditions of the Town's RFP shall take precedence over any conflicting terms and conditions submitted with my proposal and agree to abide by all conditions of the RFP, unless a properly completed Exceptions to Solicitation form is submitted. I acknowledge that the City may not accept the proposal due to any exceptions.

I certify that all information contained in my proposal is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this proposal on behalf of the company as its agent and that the company is ready, willing, and able to perform if awarded a contract.

I further certify, under oath, that this proposal is made without prior understanding, agreement, connection, discussion or collusion with any other person, company or corporation submitting a proposal for the same product or service; no gratuities, gifts or kick-backs were offered or given by the Respondent or anyone on its behalf to gain favorable treatment concerning this procurement; no elected official, employee or agent of Town or of any other company is interested in said proposal; and that the undersigned executed this affidavit with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

Raynor Shine Services, LLC
Company Name

100 Hermit Smith RD
Mailing Address


Authorized Signature

Apopka, FL 32703
City/State & Zip Code

407-595-5332
Telephone Number/Fax Number

Michael Dinkel
Name & Title, Printed

shigley@yoraynorshine.com
Email Address

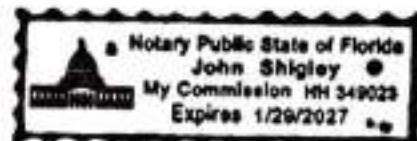
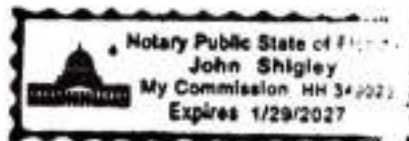
State of Florida

County of Orange

This foregoing instrument was acknowledged before me this 21 day of June, 2023, by Michael Dinkel, who is personally known to me or produced as identification.


Signature of Notary

[STAMP HERE]



Employee List

JOB DESCRIPTION	QUANTITY	YEARS OF EXPERIENCE	SPECIALIZED CERTIFICATIONS (Please list)
Certified Arborist (s)			
Foreman / Lead (s)	2	10	
Bucket Operator (s)			
Climber (s)			
Grounds Person (s)			
Laborer (s)	5	5	
Supervisor (s)	2	10	
MOT Certification (s)			

RFP #2023-03, Disaster Debris Removal Services – Addendum Questions – 6/22/23

1. Does the Town have any pre-designated temporary debris reduction sites? Yes, Windermere recreation Center, 11465 Park Ave, Windermere, FL 34786. This site will need to be emptied multiple times per day and/or the contractor will need to haul directly to final destination site.
2. The line item for leaning trees/ hangers is priced per hour on the pricing sheet. This is typically priced per tree. Will the town consider changing this to per tree? No
3. Can the town confirm the first three line items for debris removal are for removing vegetative debris and construction and demolition debris only? Work shall include the clearing and removing of any and all eligible debris as the most currently defined (at the time of the event) by the Public Assistance grant program guidelines of the Federal Emergency Management Agency (FEMA). It is anticipated this will be vegetative, construction, and demo debris.
4. Can the Town confirm that grinding hazardous stumps is supposed to be priced per stump? Contractor can include another line item for hazardous stumps if needed.
5. Will annual contract price increases based on Consumer Price Index (CPI) be allowed? If the contractor wishes to have a CPI increase each year, please include that in your submittal.
6. Will the payment for hazardous trees and limbs be for the cut only and placement of debris safely onto the ROW for collection? Anything needed for contractor to take to final disposal.
7. Will the payment for Hazardous Stumps include hauling? If including, yes it should.
8. Will payment for "Final Disposal/Grinding/Chipping" be based on logging and outgoing cubic yards? Where the contractor will be paid for the grind/processing for the incoming cubic yards and the final disposal on the outgoing cubic yards? All fees are to be included in the Cubic Yard unit rate for final disposal.
9. Will tipping fees be treated as a pass-through expense? Tipping fees should be included in unit prices.
10. Is it in error that the RFP mentions monitoring responsibilities? For example, the monitoring firm typically supplies the ADMS system. No monitoring, just disaster debris removal services. However, even though there is an independent monitoring firm on-site, the hauler needs to ensure they are also tracking their work and efforts as well.
11. Copy of previous bid tabulation. This has been uploaded to DemandStar



**TOWN OF WINDERMERE
EXECUTIVE SUMMARY**

SUBJECT: RFP 2023-04: Emergency Tree Removal and Maintenance Services

REQUESTED ACTION: Staff Recommends Approval

Work Session (Report Only)

DATE OF MEETING: 8/08/23

Regular Meeting

Special Meeting

CONTRACT: N/A

Vendor/Entity: _____

Effective Date: _____

Termination Date: _____

Managing Division / Dept: _____

BUDGET IMPACT: \$

Annual

FUNDING SOURCE: _____

Capital

EXPENDITURE ACCOUNT: _____

N/A

HISTORY/FACTS/ISSUES:

Mayor and Council,

The Town of Windermere advertised RFP 2023-04: Emergency Tree Removal and Maintenance Services. This service would be on an on call basis during emergency situations (Blocked Roadway, Storm Damage, etc). All successful parties were required to demonstrate qualifications, experience, abilities, availability/response time, and price to successfully accomplish and support all aspects of the prescribed scope of work within the RFP.

Two responses were received as follows:

- Enviro Tree Service
- T&K Tree Service

Staff has reviewed the submittals and checked the references for T and K Tree Services. Due to the cost differences in the submittals, staff is recommending entering into a contract with T and K Tree Services as the primary contractor and Enviro Tree Service as the secondary contractor.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE
SERVICES



TOWN OF WINDERMERE
REQUEST FOR QUALIFICATIONS
RFP: #2023-04 EMERGENCY TREE REMOVAL AND
MAINTENANCE SERVICES

RESPONSES ARE DUE BY 3:00 PM JUNE 30, 2023

MAIL OR DELIVER RESPONSES TO:

ATT: Tonya Elliott Moore, Public Works Director
614 Main St.
Windermere, FL 34786

CONTACT:

Tonya Elliott Moore, Public Works Director
614 Main St.
Windermere, FL 34786
Phone: (407) 876-6480, Fax (407) 876-0103
Email: tmoore@town.windermere.fl.us

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

1. OVERVIEW

The Town of Windermere is accepting written proposals from all qualified and interested firms to provide Emergency Tree Removal and Maintenance Services. This would be on an on call basis during emergency situations (Blocked Roadway, Storm Damage, etc). All successful parties will demonstrate qualifications, experience, abilities, availability/response time, and price to successfully accomplish and support all aspects of the prescribed scope of work.

Those firms interested in providing this service are instructed to submit three (3) bound copies, one (1) unbound original, and one (1) electronic copy (CD: PDF Format) of their qualifications pertinent to the scope of work prior to June 30, 2023, to the attention of Tonya Elliott Moore, Public Works Director 614 Main St. Windermere, FL 34786. Qualification documents received after this date and time will not be considered. The Town of Windermere reserves the right to reject any and all qualification documents received, to solicit new qualification documents, or take any other such actions that may be deemed to be in the best interest of the Town of Windermere. The Town of Windermere is an Equal Opportunity Employer. MBE/WBE/DBE businesses are encouraged to participate. The Town of Windermere strictly enforces open and fair competition.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

2. SUBMISSION REQUIREMENTS:

Firms are invited to submit qualifications documents to the Town of Windermere to provide Emergency Tree Removal and Maintenance Services.

Requirements for submission and selection criteria may be obtained from the Town of Windermere's web site at www.town.windermere.fl.us. All questions pertaining to this Request for Qualifications (RFP) should be directed, in writing, to Tonya Elliott Moore, Public Works Director, by email tmoore@town.windermere.fl.us. Any addenda to this RFP shall be made on the Town website. It is the sole responsibility of those submitting an RFP to check the website for addendums. These questions are due by June 23, 2023. Final addenda will be posted by June 26, 2023.

Proposers must submit one (1) original response unbound marked "Original", three (3) bound copies marked "Copies", and one (1) electronic copy (CD; PDF Format) of the submittal in a sealed envelope clearly marked on the outside with the Proposers name and "RFP 2023-04 Emergency Tree Removal and Maintenance Services" addressed and delivered to:

**Att: Tonya Elliott Moore, Public Works Director
614 Main Street
Windermere, FL 34786**

All qualifications must be received by Tonya Elliott Moore before 3:00 pm June 30, 2023. Any qualifications received after this date and time will be automatically rejected. Materials may be delivered by Certified Mail, Return Receipt, hand delivered or couriered. Faxed or emailed proposals will be automatically rejected. Hand delivered qualification documents may request a receipt. If sent by mail or courier, the above mentioned envelope shall be enclosed in another envelope addressed to the entity and address stated above. Proposers should be aware that certain "express mail" services will have to meet the required time frame of submittal or be deemed automatically rejected. It is the sole responsibility of the Proposer to ensure their proposal is received in a timely manner.

The Town of Windermere reserves the right to reject any and all proposals, to waive informalities in any or all qualification documents, to re-advertise for RFP's, and to separately accept or reject any item or items and to negotiate contracts in the best interest of the Town of Windermere.

While every effort has been made to ensure the accuracy and completeness of the information in this RFP we recognize that the information may not be complete in every detail and that all work may not be expressly mentioned in these specifications. It is the responsibility of the proposing company to include in their proposal all pertinent information in accordance with the objectives of the Town.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

3. Instructions to Respondents

3.01 Description

Town of Windermere is seeking qualified firms to provide On Call Emergency Tree Removal and Maintenance Services

3.02 Copies of Responding Documents

Only complete sets of Responding Documents will be issued and shall be used in preparing responses. The Town does not assume any responsibility for errors or misinterpretations resulting from the use of incomplete sets.

3.03 Disqualification of Respondents

- A. **NON-COLLUSION AFFIDAVIT:** Any person submitting a response to this invitation must execute the enclosed NON-COLLUSION AFFIDVIT. If it is discovered that collusion exists among the Responders the response of all participants in such collusion shall be rejected , and no participants will be considered in future responses for the same work
- B. **PUBLIC ENTITY CRIME:** A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a response/bid on a contract to provide any goods or services to a public entity submit response/bids on leases or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in section 287.017, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list.
- C. **DRUG-FREE WORKPLACE FORM:** Any person submitting a response or qualification documents in response to this invitation must execute the enclosed DRUG-FREE WORKPLACE FORM and submit it with the response. Failure to complete this form in every detail and submit it with your response will result in immediate disqualification of your response.
- D. **CONFLICT OF INTEREST:** Any Respondent who is deemed to have a conflict of interest prohibited by Chapter 112, Florida Statutes, shall be disqualified.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

- E. **PROHIBITED COMMUNICATION:** Any form of communication, except for written correspondence authorized herein, shall be prohibited regarding this particular request for qualifications, or any other competitive solicitation between:
1. Any person or person's representative seeking an award from such competitive solicitation; and
 2. Any Town Council Member or any Town staff authorized to act on behalf of the Council to award a particular contract (Selection Committee Member, etc)

For the purpose of this section, a person's representative shall include but not limited to, the person's employee, partner, officer, director, consultant, lobbyist, or any actual or potential subcontractor or consultant of the person.

This prohibition on communication shall be in effect as of the publication of the bid advertisement. The provisions of this section shall not apply to oral communications at any public proceeding, oral presentations before selection committees, contract negotiations, presentations made to the Council if requested, and protest hearings.

The provisions of this section shall terminate at time of award of grant writing services, rejects all bids, or otherwise takes action which ends the solicitation process.

3.04 EXAMINATION OF RFP DOCUMENTS

Each Respondent shall carefully examine the RFP and other contract documents, and inform him or herself thoroughly regarding any and all conditions and requirements that may in any manner affect cost, progress, or performance of the work to be performed under the contract. Ignorance on the part of the Respondent in no way relieves the Respondent of the obligations and responsibilities assumed under the contract.

Should a Respondent find discrepancies or ambiguities in, or omissions from, the specifications, or be in doubt as to their meaning, Respondent shall notify the Town Manager in writing prior to the Response Question Due Date.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

3.05 INTERPRETATIONS, CLARIFICATIONS, AND ADDENDA

No oral interpretations will be made to any potential Respondent as to the meaning of the contract documents. Any inquiry or request for interpretation received on or before June 1, 2023 will be given consideration. Any changes or interruption will be made in writing in the form of an addendum and, if used, will be posted on the Town Web Site www.town.windermere.fl.us. Each respondent shall acknowledge receipt of any addenda in their proposal. If the acknowledgement is not included, the response to the RFP will constitute acknowledgment. It is the responsibility of all Respondents to verify all addenda prior to submitting a response to the RFP.

3.06 GOVERNING LAWS AND REGULATIONS

The Respondent is required to be familiar with and shall be responsible for complying with all Federal, State, and Local laws, ordinances, rules, and regulations that in any manner affect the work including grant award terms for all grants to which a respondent may apply on behalf of the Town.

3.07 SIGNATURE OF RESPONDENT

The Respondent must sign the response forms in the space provided for the signature. If the Respondent is a professional association or other business entity, the title of the officer signing the response on behalf of the entity must be stated and evidence of the officer's authority to sign the response must be submitted. The Respondent shall state in the response the name and address of each person interested therein.

3.08 COST OF PROPOSAL

The Town of Windermere assumes no responsibility or liability for the costs incurred by the submitting firm to prepare and/or submit a proposal. The entire cost of preparing and submitting qualification documents, or any work in connection therewith will be borne by the submitting firm or team of firms.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

4. Scope of Services

PROJECT SCOPE

Town of Windermere is seeking to contract with a qualified firm to provide all labor, materials, personnel and equipment needed to provide Emergency Tree Removal and Maintenance Services.

4.01.1 Services will include the following to the extent approved by the Town Council and/or Town Manager

- The successful bidder will demonstrate the capabilities to respond on short notice during an emergency event for the purposes of Emergency Tree Removal and Maintenance Services.
- Firm must be available twenty four (24) hours a day seven (7) days a week including Holidays.
- Respondent must have a Certified ISA Certified Arborist on Staff during all calls.
- Firm is to provide all materials and labor to remove and dispose of debris.
- Disposal of all felled and down trees, and substantially damaged vegetation, shall be carried out in a safe and professional manner.
- Firm is responsible for all costs and fees resulting from handling, transporting, and disposing of all removed material.
- Felled and down trees, and substantially damaged vegetation shall be limbed, bucked, or chipped.
- For Emergency situations such as Hurricanes or a major storm event resulting in a significant amount of tree damage/debris, Contractor will be required to have a debris storing location as to meet FEMA and local, State, Federal guidelines to be measured for documentation purposes.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

5. Qualification/Experience requirements:

The Respondent must submit qualification/experience.

5.01 Respondents must demonstrate the following:

- Years in service
- Experience with Municipal and County governments;
- Basic knowledge of the Town of Windermere and it's Tree Canopy;
- Ability to comply with all local, State, and Federal regulations as it relates to removal, safety regulations, and disposal of tree and limb debris.
- Respondent must demonstrate their service approach to providing above described services for the Town on an emergency on call basis including estimated response time.

5.02 Supervision and Personnel

Respondent must demonstrate how the operation will be supervised and what current quality controls policies would be in place for the service.

5.03 Records

Respondent shall be required to maintain records in accordance with local, State, and Federal Public Records Retention Requirements. Firm must also be familiar with documentation and filing requirements of FEMA, FDEP, and FDOT.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

6. FEES FOR SERVICES

6.01 Price

Respondent must provide pricing list for Emergency Tree Removal and Maintenance Services to include but not limited to:

- Mobilization Costs
- Tree Removal Cost (various height and DBH)
- Various equipment hourly rates (bobcat, etc.)
- Transport/Disposal Cost
- All other costs associated with adhering to the above mentioned scope of service.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

7. EVALUATION/PROPOSAL FORMAT

Qualification documents will be evaluated on the basis of Scope of Services listed demonstrating they are qualified and will be listed as available to seek out grant opportunities and submit all such grant opportunities to the Town for approval by the Town Council to apply.

Proposals will be evaluated based on the information provided in the response. All Respondents who demonstrate previous success in grant writing who are not disqualified on some other basis outlined in this RFP shall be approved as a qualified vendor. For qualification documents to be eligible, the format must be strictly followed. All qualification documents should be type written, bound 8 1/2 x 11 format, and should be properly identified by name of respondent and marked with "Consulting Services RFP 2023-04 "Emergency Tree Removal and Maintenance Services" to facilitate effective evaluation by the Town, qualification documents shall be limited to 25 pages. MBE/WBE/DBE certificate(s), other appendix documentation, sectional dividers, and front and back covers will not be counted towards the total. A letter of interest or executive summary, not to exceed three (3) additional pages, may also be included in the proposal. Qualification documents that exceed this length will be considered non responsive and will not be evaluated. During this RFP process, any intentional omissions, alterations, or false representations will be grounds for rejection of any proposal.

Proposals must include the following tabbed sections:

1. Company or Personal Background
2. Experience
3. References
4. Service approach
5. Cost proposal
6. Required Forms
 - a. Response Cover
 - b. Hold Harmless Agreement
 - c. Certificate of Insurance
 - d. Non Collusion Affidavit
 - e. Drug Free Workplace Form

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

8. Indemnification and Insurance

8.01.1 Indemnification and Hold Harmless

The Respondent agrees to indemnify and hold the Town harmless for any and all claims, liability, losses and causes of action which may arise out of its fulfillment of the contract awarded pursuant to this RFP. It agrees to pay all claims and losses, including related court costs and reasonable attorneys' fees, and shall defend all suits filed due to the negligent acts, error or omissions or Respondent employees and/or agents

In the event the completion of a project awarded pursuant to this RFP (to include the work of others) is delayed or suspended as a result of the Respondent's failure to purchase or maintain the required insurance, the Respondent shall indemnify the Town from any and all increased expenses resulting from such delay.

8.01.2 Insurance Requirements

Respondent must provide a certificate of insurance with their response.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

RESPONSE TO: **REQUEST FOR QUALIFICATIONS: RFP 2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES**
TONYA ELLIOTT MOORE, PUBLIC WORKS DIRECTOR
614 MAIN ST. WINDERMERE, FL 34786

I acknowledge receipt of any/all Addenda: _____

I have included:

- Hold Harmless Agreement
- Certificate of Insurance
- Non Collusion Affidavit
- Drug Free Workplace Form

Mailing Address:

_____ TELEPHONE _____

_____ FAX: _____

_____ DATE _____

BY signing and submitting this proposal, I am certifying that (a) I am a citizen of the United States; (b) I am not a member or an employee of any taxing authority; and (c) I do not represent any property owner in an administrative or judicial review of property tax issues.

Signature of Respondent

Witness

STATE OF FLORIDA
COUNTY OF _____

Sworn to (or affirmed) and subscribed before me this ____ day of ____, 20__, by (name of person making statement).

Notary Public

Personally Known _____ OR Produced Identification _____

Type of Identification Produced _____

My Commission Expires _____

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

HOLD HARMLESS AGREEMENT

I _____ (Respondent) agrees to indemnify and hold the Town harmless for any and all claims, liability, losses and causes of action which may arise out of its fulfillment of the contract awarded pursuant to this RFP. It agrees to pay all claims and losses, including related court costs and reasonable attorneys' fees, and shall defend all suits filed due to the negligent acts, error or omissions of Respondent or employees and/or agents of Respondent.

In the event the completion of a project awarded pursuant to this RFP (to include the work of others) is delayed or suspended as a result of the Respondent's failure to purchase or maintain the required insurance, the Respondent shall indemnify the Town from any and all increased expenses resulting from such delay.

Signature of Respondent

Witness

STATE OF FLORIDA
COUNTY OF _____

Sworn to (or affirmed) and subscribed before me this _____ day of _____, 20____, by (name of person making statement).

Notary Public

Personally Known _____ OR Produced Identification _____
Type of Identification Produced _____

My Commission Expires _____

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

NON-COLLUSION AFFIDAVIT

I _____ (Respondent) of the firm of _____ (Respondent Firm Name) responded to the notice for calling for qualification for Emergency Tree Removal and Maintenance Services for the Town of Windermere. This proposal has been executed with full authority to do so. This response has been arrived at independently without collusion, consultation, communication or agreement for the purposes of restricting competition, as to any matter relating to qualifications or responses of any other responder or with any competitor, and no attempt has been made or will be made by the Responder to induce any other person, partnership or corporation to submit, or not to submit, a response for the purpose of restricting competition;

The Statements contained within this affidavit are true and correct, and made with full knowledge that the Town of Windermere relies upon the truth of the statements contained in this affidavit in awarding contracts for said services.

Signature of Respondent

Witness

STATE OF FLORIDA
COUNTY OF _____

Sworn to (or affirmed) and subscribed before me this _____ day of _____, 20____, by (name of person making statement).

Notary Public

Personally Known _____ OR Produced Identification _____
Type of Identification Produced _____

My Commission Expires _____

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

DRUG FREE WORKPLACE CERTIFICATION

In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against an employee for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug free workplace, available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees from drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under this solicitation a copy of the statement specified in subsection (1) above.
4. In the statement specified in subsection (1), notify the employees that, as a condition of working in the commodities or contractual services that are under this solicitation, the employee will abide by the terms of the statement and will notify the employee of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the work place no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in, a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Signature of Respondent

Witness

RFP 2023-04 Emergency Tree Removal				
Vendor Name	Enviro Tree Services (6/30/2023@9:30am)	Cost	T&K Enterprises (6/30/2023@10:59am)	Cost
Mobilization Costs	Routine & schedule tree trimming of hardwoods (any height rate per crew hour	\$300.00	cost includes -deploying crew to a single emergency event for the entire duration of the work performed	\$250.00
	Routine & schedule tree trimming of Palm Trees (any height rate per crew hour	\$300.00		
	Hazardous conditions tree removal rate, rate used in lieu of tree removal rates below for hazardous conditions in accordance with the bid; rate per crew hr. with a (4 hr.) minimum	\$450.00		
	Emergency response rate for tree trimming (any height or tree removal; two (2) hour response time in accordance with scope of work; rate per crew hour with a (4hr) minimum	\$450.00		
Tree Removal Cost	Brazilian Pepper Tree			
height from Ground	5' or smaller	\$300.00	5' or shorter	\$25.00
	6'-10'	\$600.00	6'or-10'	\$85.11
	10'-48'	\$800.00	10'-15'	\$215.09
	16' or higher	\$950.00	16'-20'	\$435.00
Tree Removal Rate by DBH				
	12" or under -w/o stump grinding	\$600.00	8"-12"	\$444.84
	13"-24" -w/o stump grinding	\$950.00	13"-48"	\$593.11
	25"-36" w/o stump grinding	\$2,358.00	25"-36"	\$1,186.23
	37"-48" w/o stump grinding	\$4,400.00	37"-48"	\$2,075.90
	12" or under -w/ stump grinding	\$650.00	Over 48"	\$3,262.13
	13"-24" -w/stump grinding	\$1,082.00		
	25"-36" w/ stump grinding	\$2,880.00		
	37"-48" w/ stump grinding	\$5,144.00		
Equipment Rates				
			Mini Skid steer per hr.	\$94.56
			Crane	\$304.73
			Lift	\$286.47
			Skid Steer	\$148.93
			stump grinder	\$211.00
Transport/Disposal Costs				
			70 yard load	\$600.00
All other costs				
	Stump grinding per diameter- per inch	\$5.50	stump Grinder per hr.	\$211.15

**RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE
SERVICES**



**TOWN OF WINDERMERE
REQUEST FOR QUALIFICATIONS
RFP: #2023-04 EMERGENCY TREE REMOVAL AND
MAINTENANCE SERVICES**

RESPONSES ARE DUE BY 3:00 PM JUNE 30, 2023

MAIL OR DELIVER RESPONSES TO:

ATT: Tonya Elliott Moore, Public Works Director
614 Main St.
Windermere, FL 34786

CONTACT:

Tonya Elliott Moore, Public Works Director
614 Main St.
Windermere, FL 34786
Phone: (407) 876-6480, Fax (407) 876-0103
Email: tmoore@town.windermere.fl.us

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

1. OVERVIEW

The Town of Windermere is accepting written proposals from all qualified and interested firms to provide Emergency Tree Removal and Maintenance Services. This would be on an on call basis during emergency situations (Blocked Roadway, Storm Damage, etc). All successful parties will demonstrate qualifications, experience, abilities, availability/response time, and price to successfully accomplish and support all aspects of the prescribed scope of work.

Those firms interested in providing this service are instructed to submit three (3) bound copies, one (1) unbound original, and one (1) electronic copy (CD: PDF Format) of their qualifications pertinent to the scope of work prior to June 30, 2023, to the attention of Tonya Elliott Moore, Public Works Director 614 Main St. Windermere, FL 34786. Qualification documents received after this date and time will not be considered. The Town of Windermere reserves the right to reject any and all qualification documents received, to solicit new qualification documents, or take any other such actions that may be deemed to be in the best interest of the Town of Windermere. The Town of Windermere is an Equal Opportunity Employer. MBE/WBE/DBE businesses are encouraged to participate. The Town of Windermere strictly enforces open and fair competition.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

2. SUBMISSION REQUIREMENTS:

Firms are invited to submit qualifications documents to the Town of Windermere to provide Emergency Tree Removal and Maintenance Services.

Requirements for submission and selection criteria may be obtained from the Town of Windermere's web site at www.town.windermere.fl.us. All questions pertaining to this Request for Qualifications (RFP) should be directed, in writing, to Tonya Elliott Moore, Public Works Director, by email tmoore@town.windermere.fl.us. Any addenda to this RFP shall be made on the Town website. It is the sole responsibility of those submitting an RFP to check the website for addendums. These questions are due by June 23, 2023. Final addenda will be posted by June 26, 2023.

Proposers must submit one (1) original response unbound marked "Original", three (3) bound copies marked "Copies", and one (1) electronic copy (CD; PDF Format) of the submittal in a sealed envelope clearly marked on the outside with the Proposers name and "RFP 2023-04 Emergency Tree Removal and Maintenance Services" addressed and delivered to:

**Att: Tonya Elliott Moore, Public Works Director
614 Main Street
Windermere, FL 34786**

All qualifications must be received by Tonya Elliott Moore before 3:00 pm June 30, 2023. Any qualifications received after this date and time will be automatically rejected. Materials may be delivered by Certified Mail, Return Receipt, hand delivered or couriered. Faxed or emailed proposals will be automatically rejected. Hand delivered qualification documents may request a receipt. If sent by mail or courier, the above mentioned envelope shall be enclosed in another envelope addressed to the entity and address stated above. Proposers should be aware that certain "express mail" services will have to meet the required time frame of submittal or be deemed automatically rejected. It is the sole responsibility of the Proposer to ensure their proposal is received in a timely manner.

The Town of Windermere reserves the right to reject any and all proposals, to waive informalities in any or all qualification documents, to re-advertise for RFP's, and to separately accept or reject any item or items and to negotiate contracts in the best interest of the Town of Windermere.

While every effort has been made to ensure the accuracy and completeness of the information in this RFP we recognize that the information may not be complete in every detail and that all work may not be expressly mentioned in these specifications. It is the responsibility of the proposing company to include in their proposal all pertinent information in accordance with the objectives of the Town.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

3. Instructions to Respondents

3.01 Description

Town of Windermere is seeking qualified firms to provide On Call Emergency Tree Removal and Maintenance Services

3.02 Copies of Responding Documents

Only complete sets of Responding Documents will be issued and shall be used in preparing responses. The Town does not assume any responsibility for errors or misinterpretations resulting from the use of incomplete sets.

3.03 Disqualification of Respondents

- A. **NON-COLLUSION AFFIDAVIT:** Any person submitting a response to this invitation must execute the enclosed NON-COLLUSION AFFIDAVIT. If it is discovered that collusion exists among the Responders the response of all participants in such collusion shall be rejected, and no participants will be considered in future responses for the same work
- B. **PUBLIC ENTITY CRIME:** A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a response/bid on a contract to provide any goods or services to a public entity submit response/bids on leases or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in section 287.017, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list.
- C. **DRUG-FREE WORKPLACE FORM:** Any person submitting a response or qualification documents in response to this invitation must execute the enclosed DRUG-FREE WORKPLACE FORM and submit it with the response. Failure to complete this form in every detail and submit it with your response will result in immediate disqualification of your response.
- D. **CONFLICT OF INTEREST:** Any Respondent who is deemed to have a conflict of interest prohibited by Chapter 112, Florida Statutes, shall be disqualified.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

- E. **PROHIBITED COMMUNICATION:** Any form of communication, except for written correspondence authorized herein, shall be prohibited regarding this particular request for qualifications, or any other competitive solicitation between:
1. Any person or person's representative seeking an award from such competitive solicitation; and
 2. Any Town Council Member or any Town staff authorized to act on behalf of the Council to award a particular contract (Selection Committee Member, etc)

For the purpose of this section, a person's representative shall include but not limited to, the person's employee, partner, officer, director, consultant, lobbyist, or any actual or potential subcontractor or consultant of the person.

This prohibition on communication shall be in effect as of the publication of the bid advertisement. The provisions of this section shall not apply to oral communications at any public proceeding, oral presentations before selection committees, contract negotiations, presentations made to the Council if requested, and protest hearings.

The provisions of this section shall terminate at time of award of grant writing services, rejects all bids, or otherwise takes action which ends the solicitation process.

3.04 EXAMINATION OF RFP DOCUMENTS

Each Respondent shall carefully examine the RFP and other contract documents, and inform him or herself thoroughly regarding any and all conditions and requirements that may in any manner affect cost, progress, or performance of the work to be performed under the contract. Ignorance on the part of the Respondent in no way relieves the Respondent of the obligations and responsibilities assumed under the contract.

Should a Respondent find discrepancies or ambiguities in, or omissions from, the specifications, or be in doubt as to their meaning, Respondent shall notify the Town Manager in writing prior to the Response Question Due Date.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

3.05 INTERPRETATIONS, CLARIFICATIONS, AND ADDENDA

No oral interpretations will be made to any potential Respondent as to the meaning of the contract documents. Any inquiry or request for interpretation received on or before June 1, 2023 will be given consideration. Any changes or interruption will be made in writing in the form of an addendum and, if used, will be posted on the Town Web Site www.town.windermere.fl.us. Each respondent shall acknowledge receipt of any addenda in their proposal. If the acknowledgement is not included, the response to the RFP will constitute acknowledgment. It is the responsibility of all Respondents to verify all addenda prior to submitting a response to the RFP.

3.06 GOVERNING LAWS AND REGULATIONS

The Respondent is required to be familiar with and shall be responsible for complying with all Federal, State, and Local laws, ordinances, rules, and regulations that in any manner affect the work including grant award terms for all grants to which a respondent may apply on behalf of the Town.

3.07 SIGNATURE OF RESPONDENT

The Respondent must sign the response forms in the space provided for the signature. If the Respondent is a professional association or other business entity, the title of the officer signing the response on behalf of the entity must be stated and evidence of the officer's authority to sign the response must be submitted. The Respondent shall state in the response the name and address of each person interested therein.

3.08 COST OF PROPOSAL

The Town of Windermere assumes no responsibility or liability for the costs incurred by the submitting firm to prepare and/or submit a proposal. The entire cost of preparing and submitting qualification documents, or any work in connection therewith will be borne by the submitting firm or team of firms.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

4. Scope of Services

PROJECT SCOPE

Town of Windermere is seeking to contract with a qualified firm to provide all labor, materials, personnel and equipment needed to provide Emergency Tree Removal and Maintenance Services.

4.01.1 Services will include the following to the extent approved by the Town Council and/or Town Manager

- The successful bidder will demonstrate the capabilities to respond on short notice during an emergency event for the purposes of Emergency Tree Removal and Maintenance Services.
- Firm must be available twenty four (24) hours a day seven (7) days a week including Holidays.
- Respondent must have a Certified ISA Certified Arborist on Staff during all calls.
- Firm is to provide all materials and labor to remove and dispose of debris.
- Disposal of all felled and down trees, and substantially damaged vegetation, shall be carried out in a safe and professional manner.
- Firm is responsible for all costs and fees resulting from handling, transporting, and disposing of all removed material.
- Felled and down trees, and substantially damaged vegetation shall be limbed, bucked, or chipped.
- For Emergency situations such as Hurricanes or a major storm event resulting in a significant amount of tree damage/debris, Contractor will be required to have a debris storing location as to meet FEMA and local, State, Federal guidelines to be measured for documentation purposes.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

5. Qualification/Experience requirements:

The Respondent must submit qualification/experience.

5.01 Respondents must demonstrate the following:

- Years in service
- Experience with Municipal and County governments;
- Basic knowledge of the Town of Windermere and its Tree Canopy;
- Ability to comply with all local, State, and Federal regulations as it relates to removal, safety regulations, and disposal of tree and limb debris.
- Respondent must demonstrate their service approach to providing above described services for the Town on an emergency on call basis including estimated response time.

5.02 Supervision and Personnel

Respondent must demonstrate how the operation will be supervised and what current quality controls policies would be in place for the service.

5.03 Records

Respondent shall be required to maintain records in accordance with local, State, and Federal Public Records Retention Requirements. Firm must also be familiar with documentation and filing requirements of FEMA, FDEP, and FDOT.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

6. FEES FOR SERVICES

6.01 Price

Respondent must provide pricing list for Emergency Tree Removal and Maintenance Services to include but not limited to:

- Mobilization Costs
- Tree Removal Cost (various height and DBH)
- Various equipment hourly rates (bobcat, etc.)
- Transport/Disposal Cost
- All other costs associated with adhering to the above mentioned scope of service.

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

7. EVALUATION/PROPOSAL FORMAT

Qualification documents will be evaluated on the basis of Scope of Services listed demonstrating they are qualified and will be listed as available to seek out grant opportunities and submit all such grant opportunities to the Town for approval by the Town Council to apply.

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RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

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In the event the completion of a project awarded pursuant to this RFP (to include the work of others) is delayed or suspended as a result of the Respondent's failure to purchase or maintain the required insurance, the Respondent shall indemnify the Town from any and all increased expenses resulting from such delay.

8.01.2 Insurance Requirements

Respondent must provide a certificate of insurance with their response.

1. Company Background

T&K Tree service and Stump grinding has been providing professional and reliable services to residential and commercial areas throughout Central Florida for over 19 Years. Tim and Kim Rioux have been successfully growing and operating the company since it's conception. T&K Tree service has focused on all aspects of tree services such as Tree Removal, Tree Trimming, Stump Grinding, Debris Hauling, Hazardous Tree Removal, Crane operation, 24 hour Emergency Service, and Statewide Storm Response.

We have worked with many municipal and county governments throughout the State of Florida as well as many states across East Coast and along the Gulf of Mexico. We have scouted the urban forest within of the Town of Windermere and found the canopy to be well within our capabilities. Our extensive experience managing trees and associated debris has allowed T&K to become experts in safety and regulation standards. Emergency response is one of T&K's specialties and we can have a crew dispatched and deployed in the town of Windermere within approximately 2.5 hours in the event of an emergency.

2. Experience

I. County of Brevard

Contract Title: Tree Trimming and Removal Services Bid #: B-5-20-06 Renewal Period: 12/04/2022 – 12/03/2023

We have had the contract for the County of Brevard for the past 5 years. The contract does not have a set dollar value as each bid is different and completion dates are based off approved work. This a county wide contract that includes all departments.

II. City of Palm Bay

Contract Title : Tree Trimming and Removal Service Bid #: B-5-20-06 Renewal Period: 12/02./2022 – 12/03/2023

We have had the contract for city wide trimming for the city of Palm Bay for the past 3 years. They piggyback off the County of Brevard's Contract since they fall into the County of Brevard. The contract does not have a set dollar value as each bid is different and completion dates are based off approved work.

III. Thrive Church

6156 S Williamson Blvd Port Orange, FL 32128

Remove large dead trees. Clean up all dead and fallen debris. Trim all Palm trees a throughout property. Remove any dead wood in trees.

Completed: February 2023

IV. Hazen Construction

Construction Site on Clyde Morris Blvd, Port Orange, Fl 32127

Remove large fallen trees. Remove all trees that have been severely damaged. Grind and Remove stumps. Clear our debris for the new construction.

Completed: October 2022

V. RW Group

1838 Mason Ave, Daytona Beach, FL 32117

Trim the entire property for yearly Maintenance. The goal is for all trees to look uniform and be cleared of any deadwood and new growth. Clear underbrush areas that are overgrown.

Completed: February 2023

3. References

REFERENCES					
NAME OF ORGANIZATION/COMPANY	CONTACT PERSON	COUNTY/CITY, STATE	PHONE NUMBER	EMAIL ADDRESS	DESCRIPTION OF SERVICES
EIG Restoration	Lisa Dunbar	New Smyrna Beach, FL	(386) 843 - 4513	ldunbar@eigrestoration.com	Emergency Services, After hours , Crane work
County of Brevard - Road and Bridge Dept.	Josef Gawel	Brevard County - FL	(321) 264 - 5084	josef.gawel@brevardfl.gov	Road and Bridge tree removal and trimming
County of Brevard - Parks and Rec. Dept.	Shawn Kittles	Brevard County - FL	(321) 264 - 5083	shawn.kittles@brevardfl.gov	Parks and Rec tree removal and trimming
ELM Landscape	Tom Allen	Orlando, FL	(407) 722 - 6500	tom@elm-landscaping.com	Property maintenance/ Commercial trimming

4. Service Approach

We equip our crews with bucket and claw trucks, chippers, stump grinders, and skid steers to make sure that they provide the best service to our customers. Our commitment to providing the best service has kept our customers coming back and referring us year after year. That is why after 19 years we are still growing.

We pride ourselves on thorough communication and quality results. Our team of project managers is always quick to return phone calls. We work with each client individually to make a detailed plan of every unique scope of work. As plans change, our customers are kept in the loop. Before we depart from a job, we make sure that the scope of work was completed to the satisfaction of every customer. If customers are unsatisfied for any reason, we stay until the job is completed to their highest standard. Furthermore, when disaster strikes, we are the first to the scene.

T&K has all the necessary equipment to complete any hazardous and/or emergency tree work. We maintain our trucks and equipment daily and we are quick to repair anything that needs to be serviced. Therefore, we are always ready to respond to an emergency within a moment's notice. Our trucks and equipment include but are not limited to the following:

TRUCKS	EQUIPMENT
2007 Sterling Grapple Truck	2022 Spider Lift
1978 Grove Tm5 Crane	2 - 2017 Vermeer Track Machines
2002 Gmc C series Bucket Truck	2017 Toro Track Machine
2004 International Chip Truck	2020 avant loader
1989 Ford F800 Boom Crane	Bobcat
1997 Ford 350	2021 Bandit
2 - 2002 Ford F350	2 - Vermeer Stump Grinders
1996 Ford F350	4 - Flatbed Trailers
2000 Ford F550	Dump Trailer
	Cargo Trailer

5. Cost Proposal:

EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICE

1. Mobilization	Emergency event	\$250
2. Mini-skid steer	Hour	\$94.56
3. Crane	Hour	\$304.73
4. Lift	Hour	\$286.47
5. Skid Steer	Hour	\$148.93
6. Stump Grinder	Hour	\$211.15
7. Transport/Disposal	70 Yard load	\$600

TREE REMOVAL RATE BY HEIGHT

Height from the ground	Price
1. 5' or shorter	\$25.10
2. 6'-10'	\$85.11
3. 10'-15'	\$215.09
4. 16'-20'	\$435.08

TREE REMOVAL RATE BY DBH

DBH	RATE
1. 8"-12"	\$444.84
2. 13"-24"	\$593.11
3. 25"-36"	\$1,186.23
4. 37"-48"	\$2,075.90
5. Over 48"	\$3,262.13

1. Mobilization – Includes the cost of deploying a crew to a single emergency event for the entire duration of the work performed.
2. Mini Skid Steer – The cost per hour per mini skid steer in operation.
3. Crane - The cost per hour per crane in operation.
4. Lift - The cost per hour per lift in operation.
5. Skid Steer – The cost per hour per bobcat in operation.
6. Transport/ Disposal- Includes the cost of hauling and disposing of tree debris per full 70-yard load disposed of.
7. Tree Removal rate by DBH: The cost per tree removal is broken down into different DBH ranges. DBH will be measured at 4.5 feet from the ground. The costs are also broken down into whether sump grinding is included in the tree removal.
8. Tree Removal by height – The cost per tree removal is broken down into different height ranges for small trees. Larger trees will be priced upon DBH.

6. REQUIRED FORMS

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

RESPONSE TO: REQUEST FOR QUALIFICATIONS: RFP 2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES
TONYA ELLIOTT MOORE, PUBLIC WORKS DIRECTOR
614 MAIN ST. WINDERMERE, FL 34786

I acknowledge receipt of any/all Addenda: Kim Roux

I have included:

- Hold Harmless Agreement
- Certificate of Insurance
- Non Collusion Affidavit
- Drug Free Workplace Form

Mailing Address:

720 Oliver Dr. TELEPHONE 386 405 4923
New Smyrna Fl FAX: _____
32168 DATE 6-23-23

BY signing and submitting this proposal, I am certifying that (a) I am a citizen of the United States; (b) I am not a member or an employee of any taxing authority; and (c) I do not represent any property owner in an administrative or judicial review of property tax issues.

Kim Roux
Signature of Respondent

Alice Faceth
Witness

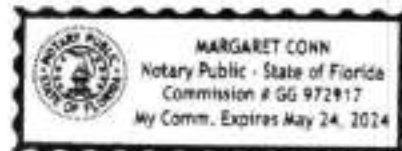
STATE OF FLORIDA
COUNTY OF Volusia

Sworn to (or affirmed) and subscribed before me this 23 day of June, 2023 by (name of person making statement). Kim Roux

Margaret Conn
Notary Public

Personally Known _____ OR Produced Identification X
Type of Identification Produced FLDL

My Commission Expires 5/24/2024



RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

HOLD HARMLESS AGREEMENT

Kim Rioux (Respondent) agrees to indemnify and hold the Town harmless for any and all claims, liability, losses and causes of action which may arise out of its fulfillment of the contract awarded pursuant to this RFP. It agrees to pay all claims and losses, including related court costs and reasonable attorneys' fees, and shall defend all suits filed due to the negligent acts, error or omissions of Respondent or employees and/or agents of Respondent.

In the event the completion of a project awarded pursuant to this RFP (to include the work of others) is delayed or suspended as a result of the Respondent's failure to purchase or maintain the required insurance, the Respondent shall indemnify the Town from any and all increased expenses resulting from such delay.

Kim Rioux
Signature of Respondent

Alice Facets
Witness

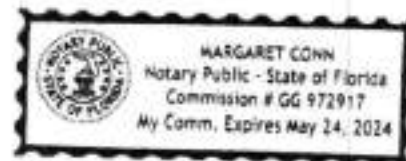
STATE OF FLORIDA
COUNTY OF Volusia

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Margaret Conn
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

06/29/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Southern Insurance Providers, LLC 3400 Nw 78th Ave Suite 107 Doral FL 33122	CONTACT NAME: Adrian Guerrero PHONE (A/C, No, Ext): (054) 451-1408 FAX (A/C, No): 054-451-0952 E-MAIL ADDRESS: Adrian@insprovider.com
	INSURER(S) AFFORDING COVERAGE INSURER A: MARKEL INSURANCE CO. NAIC # 38970 INSURER B: ASCENDANT COMMERCIAL INS CO 13683 INSURER C: ACCELERANT SPECIALTY INSURANCE CO 16890 INSURER D: INSURER E: INSURER F:
INSURED T&K Enterprises of Volusia County 720 Oliver Drive New Smyrna Beach, FL 32168	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

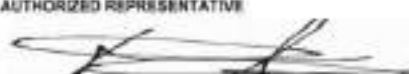
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:	X X	3AA815234	11/06/2022	11/06/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPROP AGG \$ Included \$
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	X X	CA-53544-2	10/16/2022	10/16/2023	COMBINED SINGLE LIMIT (Per accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ P.I.P. \$ 10,000
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
C	INLAND MARINE/EQUIPMENT		S0031IM000213	01/24/2023	01/24/2024	Covered Equipment \$227,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate holder is listed as additional insured

CERTIFICATE HOLDER **CANCELLATION**

Town of Windermere Tonya Elliott Moore Public Works Director 614 Main St. Windermere, Fl 34786	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

NON-COLLUSION AFFIDAVIT

I Kim Rioux (Respondent) of the firm of T&K Enterprises (Respondent Firm Name) responded to the notice for calling for qualification for Emergency Tree Removal and Maintenance Services for the Town of Windermere. This proposal has been executed with full authority to do so. This response has been arrived at independently without collusion, consultation, communication or agreement for the purposes of restricting competition, as to any matter relating to qualifications or responses of any other responder or with any competitor, and no attempt has been made or will be made by the Responder to induce any other person, partnership or corporation to submit, or not to submit, a response for the purpose of restricting competition;

The Statements contained within this affidavit are true and correct, and made with full knowledge that the Town of Windermere relies upon the truth of the statements contained in this affidavit in awarding contracts for said services.

Kim Rioux
Signature of Respondent

Glenn Jacobs
Witness

STATE OF FLORIDA
COUNTY OF Volusia

Sworn to (or affirmed) and subscribed before me this 23 day of June, 2023 by (name of person making statement) Kim Rioux

Margaret Chen
Notary Public

Personally Known _____ OR Produced Identification X
Type of Identification Produced FLDL

My Commission Expires 5/24/2024

RFP #2023-04 EMERGENCY TREE REMOVAL AND MAINTENANCE SERVICES

DRUG FREE WORKPLACE CERTIFICATION

In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against an employee for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug free workplace, available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees from drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under this solicitation a copy of the statement specified in subsection (1) above.
4. In the statement specified in subsection (1), notify the employees that, as a condition of working in the commodities or contractual services that are under this solicitation, the employee will abide by the terms of the statement and will notify the employee of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the work place no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in, a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.


Signature of Respondent


Witness