



Agenda

WINDERMERE TREE BOARD

**Chair: Susan Carter
Secretary: Frank Krens
Treasurer: Pamela Schrimsher
Leslie Brabec
Council Liaison: Tom Stroup**

Agenda

**May 18, 2023
10:00 AM**

**COMMUNITY CONFERENCE ROOM
614 MAIN STREET; BUILDING 100
WINDERMERE, FL 34786**

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 Windermere Tree Board:

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 Windermere Tree Board 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 Windermere Tree Board 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

Mission Statement: Augment community awareness of our Urban Forest, provide education regarding the benefits of trees and a commitment to protect, preserve and proliferate our community's Urban Forest, and beautification of our Windermere Parks and Recreation Areas.

1. THE MEETING IS CALLED TO ORDER BY THE CHAIR

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

3. OLD BUSINESS

a. Other Items for Consideration

- i. Approved Trees to be Planted

4. NEW BUSINESS

a. Minutes

- i. Windermere Tree Board Meeting Minutes - March 23, 2023 (Attachment - Board Option)

b. Membership

- i. Leslie Brabec Resignation (Attachment)

c. Other Items for Consideration

- ii. Windermere Tree Board Final Recommendation on Downtown Windermere Properties 500 Block Redevelopment Project (Attachment)

- iii. Future direction of Windermere Tree Board

4. ADJOURN

MINUTES - DRAFT

Windermere Tree Board **March 23, 2023**

Mission Statement: Augment community awareness of our Urban Forest, provide education regarding the benefits of trees and a commitment to protect, preserve and proliferate our community's Urban Forest. Beautify our Windermere Parks and Recreation Areas.

Tree Board Members: Susan Carter (Chairman), Frank Krens (Recording Sec.), Leslie Brabec, Pamela Schrimsher;
Town Liaison: TBD

1. THE MEETING IS CALLED TO ORDER

Tree Board Chairman Susan Carter called the meeting to order at 9:07am in the Windermere Town Hall at 520 Main Street, Windermere, FL 34786. The requirement for a quorum was met.

Participants:

- **Tree Board** – Susan Carter, Leslie Brabec, Pamela Schrimsher, and Frank Krens
- **TOW Public Works** – Tonya Elliott-Moore, Public Works Director

2. OPEN FORUM / PUBLIC COMMENT – None

3. NEW BUSINESS

- a. **Minutes** – Pam Schrimsher moved to approve the February minutes as written, Leslie Brabec seconded and they were approved 4/0.

- b. **Plant Grant**

Susan Carter reviewed features of grant programs hosted by cities Winter Park and Mount Dora. Tonya Elliott-Moore recommended that Tree Board draft a Tree Policy for approval by Town Council. Tonya said that a “policy” would be more amenable to update and revision than an ordinance or other more formal document. The Tree Policy would guide tree plantings, maintenance, and other tree efforts. It would also be useful for public education and communication. Tonya recommended that the Tree Policy:

- have a catchy title, like “Protect Our Canopy”, to get attention and help promote public buy-in,
- include a description, vision, and mission,
- have two distinct parts:
 - o Town Property / Street Trees
 - o Residential Trees / Grant Program,
- be reviewed by Town Planner Brad Cornelius and possibly the Town Attorney,
- obtain Town Council approval before implementation.

There was discussion on how to proceed to generate a Tree Policy. It was agreed to use the following process, which would involve all Tree Board members while complying with the Florida Sunshine Law:

- Generate a rough draft. Pam Schrimsher offered to so this.

MINUTES - DRAFT

- Distribute the draft along with the agenda for the next meeting, giving time for Tree Board Members to review and work on the draft individually.
- Use the next meeting as a workshop to further develop the Policy together as a Board.

Tonya Elliott-Moore recommended that we start with ideas from Winter Park's tree policy rather than starting from scratch. Frank Krens offered to forward a soft copy of the 2006 Windermere Urban Management Plan to all present in the meeting as a potential source of ideas.

Tonya reminded Tree Board members that the Town has budget to plant and maintain trees on Town property and that the Tree Board can draw on this budget to plant trees on Town property without waiting for development of the Tree Policy.

c. Replacement Planting at Central Park

Chairman Susan Carter recommended planting of two live oaks or nuttall oaks in open space along the right-of-way on Oakdale Street by Central Park and two or three cypress or nuttall oaks near the tennis courts on Main Street. The two trees for Central Park would fill the large gap where a mature live oak was lost in the last hurricane. Leslie Brabec noted that there is a small, dead (~4 ft tall) pine tree in Central Park.

Pam Schrimsher made a motion that we move ahead to have two live oak or nuttall oak trees planted by Central Park. Leslie Brabec seconded, and the motion passed 4/0.

d. Historic Citrus Grove

Following up on the decision made at the February meeting to treat the trees in the historic grove, Susan Carter reported that the first treatment had been done. During the meeting, Tonya Elliott-Moore called Public Works Operations Manager, Travis Mathias and asked him to take photos of the trees in their existing state to compare with photos to be taken later as the treatment progresses.

e. Three Trees near Entrance to 5th Avenue Parking Lot

Frank Krens noted that the two oaks either side of the entrance to the 5th Avenue parking lot and the oak that was moved to the berm are surviving and seem to be doing well. Susan Carter said she still has concerns, that the trees were not high-quality specimens when planted, and that they continue to have issues with rooting and otherwise.

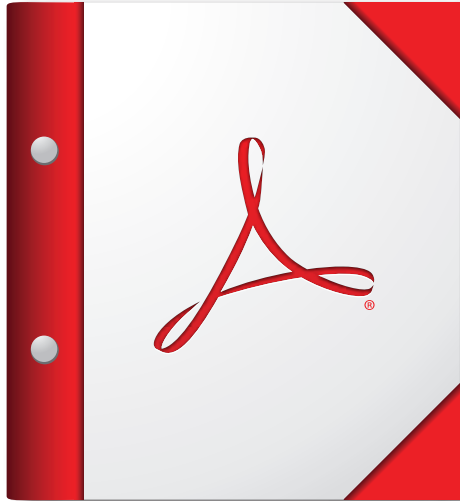
Pam Schrimsher made a motion that Tree Board get quotes for feeding and pruning of those three trees. Frank Krens Seconded and the motion passed 4/0.

f. TOW Acceptable Plant List

There was discussion about updating the Town's Acceptable Plant List. There was consensus that the list should include "Florida Friendly" plants rather than just "Florida Native". Susan Carter offered to provide input to the Town Planner for update.

5. ADJOURN – With no further business, the meeting was adjourned at 10:39am.

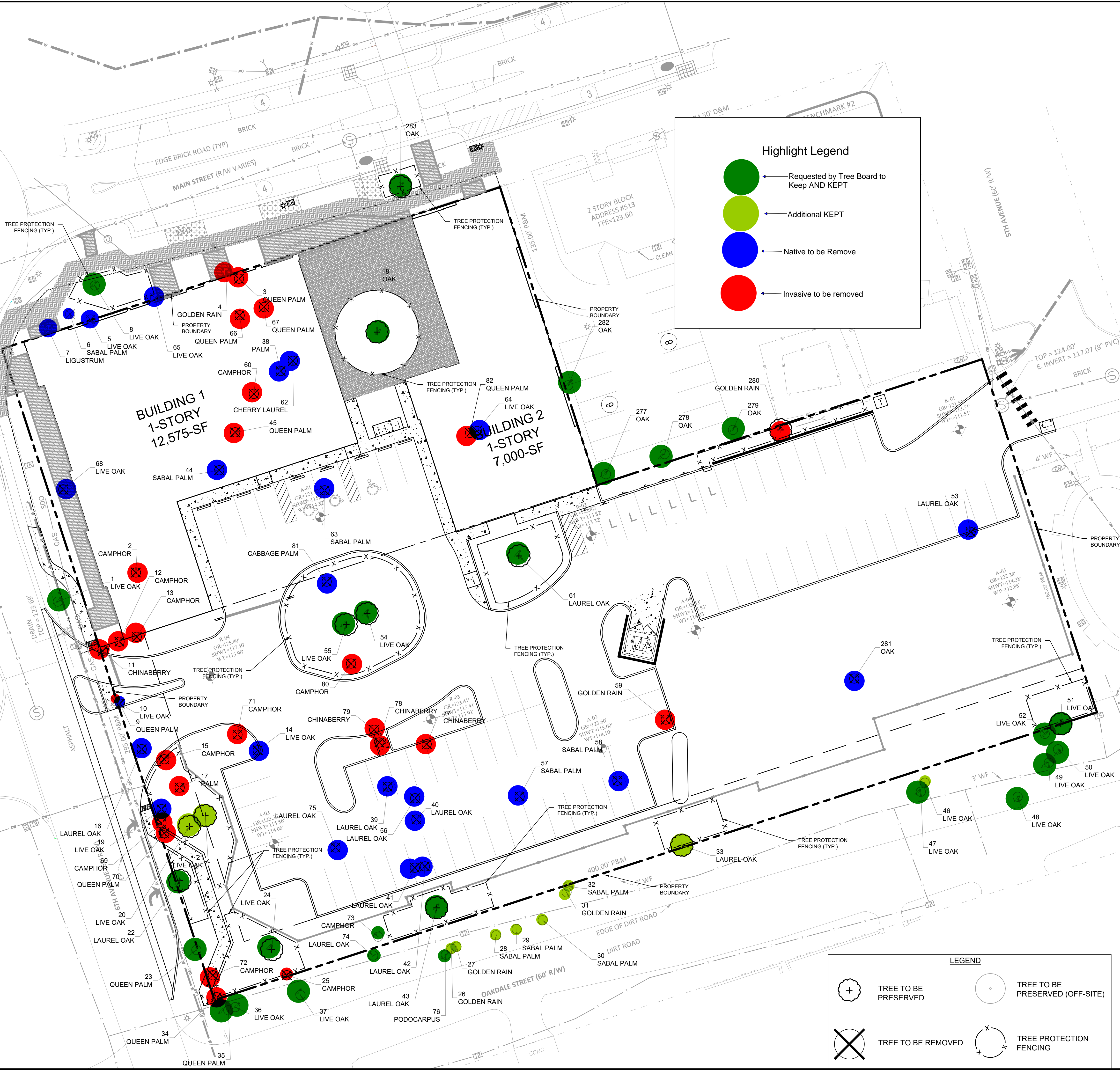
6. NEXT MEETING – April 20, 9:30am



**For the best experience, open this PDF portfolio in
Acrobat X or Adobe Reader X, or later.**

[Get Adobe Reader Now!](#)

Plotted By: Ceiber, Marcus. Sheet Set: Windermere Downtown Property. Layout: L0.50 TREE MITIGATION PLAN. May 03, 2023. 06:39:20pm. K:\ORL_EWA\14975004-Windermere Downtown Property\CADD\CONSTRUCTION\050 - TREE MITIGATION PLAN.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 collaboration by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



Highlight Legend

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

NORTH
 GRAPHIC SCALE IN FEET
 0 10 20 40

QUEEN PALM 8 REMOVE INGRESS/EGRESS ONSITE
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. 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	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	42	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 TANK	ONSITE
59	GOLDEN RAIN	10	REMOVE	INVASIVE	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	QUEEN PALM	9	REMOVE	PROP. BUILDING	OFF-SITE
66	QUEEN PALM	4	REMOVE	PROP. BUILDING	ONSITE
67	OAK	25	REMOVE	PROP. SIDEWALK	ONSITE
68	CAMPHOR	10	REMOVE	INVASIVE	ONSITE
69	QUEEN PALM	7	REMOVE	PROP. SIDEWALK	ONSITE
70	CAMPHOR	32	REMOVE	PROP. CURB	ONSITE
71	CAMPHOR	12	REMOVE	PROP. SIDEWALK	ONSITE
72	CAMPHOR	14	PRESERVE	INVASIVE	OFF-SITE
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	CAMPHOR	6	REMOVE	PROP. CURB	ONSITE
80	SABAL PALM	13	REMOVE	PROP. CURB	ONSITE
81	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE
82	OAK	35	PRESERVE		OFF-SITE
83	OAK	29	PRESERVE		OFF-SITE
84	OAK	36	PRESERVE		OFF-SITE
85	GOLDEN RAIN	38	REMOVE	PROP. WALL/PARKING	ONSITE
86	OAK	29	REMOVE	PROP. SEPTIC	ONSITE
87	OAK	36	PRESERVE		OFF-SITE
88	OAK	18	PRESERVE		OFF-SITE

LEGEND

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

WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE

SHEET NUMBER L0.50

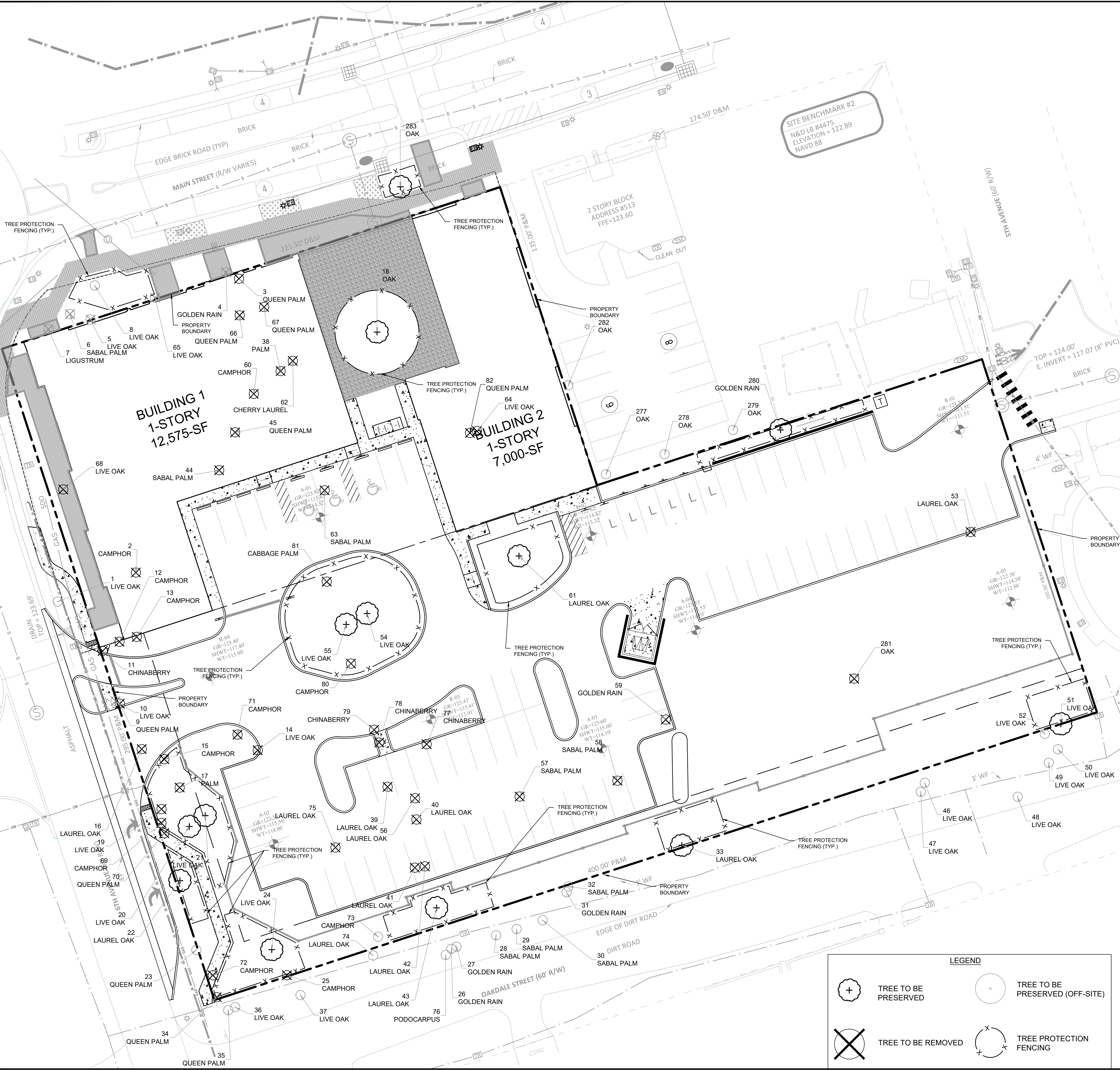
TRIE MITIGATION PLAN

Kimley-Horn

© 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

LICENSED PROFESSIONAL KHA PROJECT 149975004 DATE 02/09/2023 SCALE AS SHOWN DESIGNED BY AKP DRAWN BY AKP CHECKED BY AKP	REVISIONS No. DATE BY
--	--------------------------

Plotted By: Ceiber, Marcus. Sheet Set: Windermere Downtown Property. Layout: L0.50 TREE MITIGATION PLAN. May 03, 2023. 06:39:20pm. K:\ORL_EWA\14975004-Windermere Downtown Property\CADD\CONSTRUCTION\0.50 - TREE MITIGATION PLAN.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 observation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



GRAPHIC SCALE IN FEET
 0 10 20 40

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. 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	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	42	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 TANK	ONSITE
59	GOLDEN RAIN	10	REMOVE	INVASIVE	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	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE
67	QUEEN PALM	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

Kimley»Horn
 © 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

LICENSED PROFESSIONAL
 KHA PROJECT
 149975004
 DATE
 02/09/2023
 SCALE
 AS SHOWN
 DESIGNED BY
 AKP
 DRAWN BY
 AKP
 CHECKED BY
 AKP
 DATE:

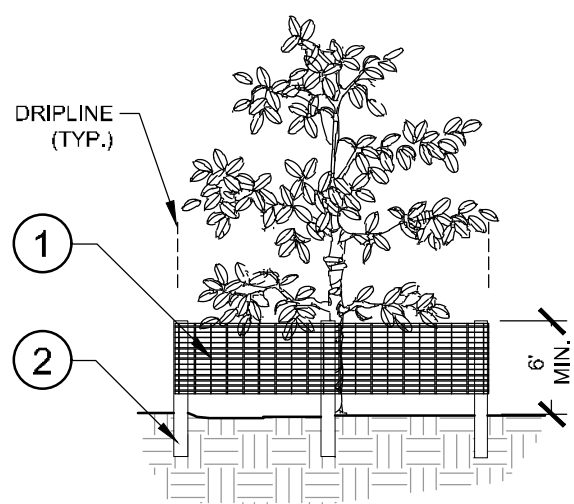
TREE MITIGATION PLAN

WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE
 SHEET NUMBER
L0.50

Plotted By: Ceiler, Marcus Sheet: Sct: Windermere Downtown Property Layout: L0.51 TREE MITIGATION CHART May 03, 2023 06:20:43pm K:\DBL-Civil\14997304-Windermere Downtown Property\CADD\CONSTR\PlanSheets\L0.50 - TREE MITIGATION PLAN.dwg
 This document, together with the concepts and designs presented herein, is an instrument of service, and its preparation and use are intended only for the specific purpose and client for which it was prepared. Release of and improper reliance on this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

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
14	LIVE OAK	37	REMOVE	PROPOSED PARKING	ONSITE	REPLACED	
16	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	QUEEN 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	QUEEN 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	QUEEN PALM	9	REMOVE	PROP. BUILDING	ONSITE	PAYMENT REQ'D	9
67	QUEEN 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

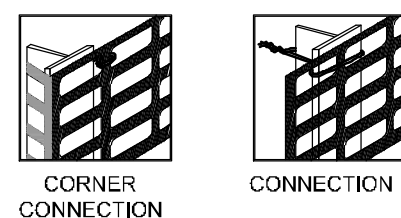
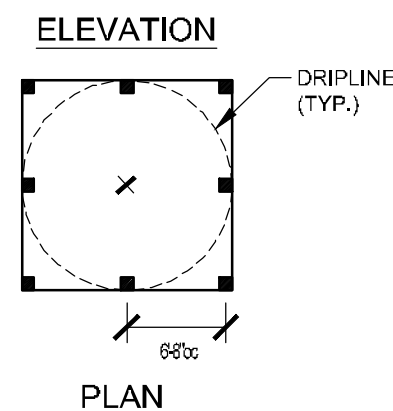


- 6" "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
- 8" TALL METAL "T" POSTS OR 2" x 2" x 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

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 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
 L0.50 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

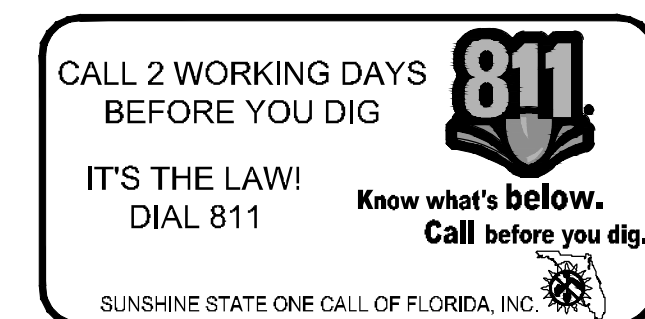
PROHIBITED WITHIN THIS AREA:

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.



Kimley»Horn
 © 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

LICENSED PROFESSIONAL

KHA PROJECT 149973004

DATE 02/09/2023

SCALE AS SHOWN

DESIGNED BY AKP

DRAWN BY AKP

CHECKED BY AKP DATE:

TREE MITIGATION CHART

WINDERMERE DOWNTOWN PROPERTY

FL

SHEET NUMBER
L0.51

NO. REVISIONS DATE BY

TOWN OF WINDERMERE

TREE MITIGATION SPECIFICATIONS

A. GENERAL

- 1. CONTRACTOR SHALL ADHERE TO ALL TREE PROTECTION REQUIREMENTS LISTED IN THESE SPECIFICATIONS AND/OR THOSE LISTED IN THE CITY OR COUNTY ZONING CODE, TREE PROTECTION (LATEST EDITION), WHICHEVER IS MORE STRINGENT SHALL APPLY.
2. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION PROCEDURES WITH THE PROJECT ARBORIST PRIOR TO BEGINNING WORK.
3. ANY AREAS SUBJECT TO EROSION MUST BE ADEQUATELY STABILIZED WITH VEGETATION MATERIAL THAT WILL, WITHIN A REASONABLE TIME FRAME, DETER SOIL DISTURBANCE.
4. NO SIGNS, BUILDING PERMITS, WIRES OR OTHER ATTACHMENTS OF ANY KIND SHALL BE ATTACHED TO ANY TREE OR PALM, GUY WIRES DESIGNED TO PROTECT TREES ARE EXCLUDED FROM THIS PROHIBITION.
5. EXISTING TREE LOCATIONS AND SIZES ARE ESTIMATES AND ARE BASED ON A SURVEY PROVIDED BY THE OWNER SELECTED SURVEYOR.
6. CONTRACTOR SHALL COORDINATE TREE REMOVAL WITH PERMITTING AGENCY AND PROJECT ARBORIST PRIOR TO CONSTRUCTION. NO PERSON MAY REMOVE OR CAUSE TO BE REMOVED ANY PROTECTED TREE OR PALM WITHOUT FIRST HAVING PROCURED A PERMIT AS PROVIDED BY THE APPROPRIATE PERMITTING AGENCY.
7. FOR PROTECTED TREES OR PALMS BEING REMOVED, THE CONTRACTOR MUST GIVE THE PERMITTING AGENCY REASONABLE OPPORTUNITY TO RELOCATE TREES DESIGNATED FOR REMOVAL TO ANOTHER SITE AT THE PERMITTING AGENCY'S EXPENSE.
8. CONTRACTOR IS RESPONSIBLE FOR POSSESSING ALL REQUIRED APPLICATOR LICENSES, BUSINESS REGISTRATIONS AND INSURANCE, PESTICIDE LABELS, AND MATERIAL DATA SAFETY SHEETS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR HAVING ALL SPILL CONTAINMENT MATERIALS AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT FOR PESTICIDE APPLICATIONS AND ACCIDENTAL SPILLS ON SITE AT ALL TIMES. THE OWNER RESERVES THE RIGHT TO INSPECT EACH APPLICATOR AND HAVE THESE MATERIALS PRESENTED BEFORE AND DURING ANY PESTICIDE TREATMENT.
9. WHERE TRAFFIC AREAS ARE PROPOSED WITHIN THE DRIP LINE OF PROTECTED TREES AND LESS THAN FOUR (4) INCHES OF GRADE CHANGE ARE PROPOSED, PERMEABLE SURFACES THAT ALLOW AIR AND WATER INTO THE SOIL SHOULD BE USED IN LIEU OF ASPHALT OR OTHER SUCH IMPERVIOUS SURFACES.
10. TREE WELLS OF AN APPROVED DESIGN SHALL BE CONSTRUCTED AROUND ALL TREES TO BE PRESERVED WHEN MORE THAN FOUR INCHES OF FILL IS TO BE DEPOSITED WITHIN THE DRIP LINE AREA OF THOSE TREES. COORDINATE WITH PROJECT ARBORIST.
11. THE SEQUENCE OF TREE MITIGATION AND PRESERVATION MEASURES IS IMPERATIVE TO THE HEALTH AND SURVIVABILITY OF THE SUBJECT TREES AND SHALL BE COORDINATED WITH THE OWNER SELECTED PROJECT ARBORIST. THE DESIRED SEQUENCE IS OUTLINED BELOW:
a. TREE PROTECTION FENCING.
b. ROOT PRUNING AND ROOT BARRIERS.
c. CLEARING.
d. TREE CANOPY PRUNING.
e. FERTILIZATION.
f. INSECTICIDE.
g. IRRIGATION.

B. TREE PROTECTION FENCING

- 1. PRIOR TO THE ERECTION OF ANY TREE PROTECTION FENCING, ALL FOREIGN SURFACE MATERIAL, TRASH OR DEBRIS SHALL BE REMOVED FROM THE AREA TO BE ENCLOSED BY THE FENCING. AFTER ERECTION OF THE FENCING NO SUCH MATERIAL OR LITTER SHALL BE PERMITTED TO REMAIN WITHIN THE PROTECTED AREA.
2. TREE PROTECTION FENCING SHALL BE PLACED AROUND ALL PROTECTED TREES TO CREATE A PROTECTIVE ROOT ZONE AND SHALL REMAIN IN PLACE UNTIL SITE CLEARING, LAND ALTERATION, AND CONSTRUCTION ACTIVITIES ARE COMPLETE.
3. NATIVE GROUND COVER AND UNDERSTORY VEGETATION EXISTING WITHIN THE PROTECTED AREA SHALL REMAIN THROUGHOUT CONSTRUCTION. OTHER DESIGNATED VEGETATION AND INVASIVE PLANT SPECIES SHALL BE REMOVED ONLY BY MANUAL LABOR UTILIZING HAND TOOLS, OR BY OTHER METHODS APPROVED BY THE PROJECT ARBORIST.
4. TREE PROTECTION FENCING TYPES AND LOCATIONS SHALL BE ERECTED AS SHOWN ON THE TREE MITIGATION PLANS AND DETAILS, OR AS REQUESTED BY LOCAL AGENCY.
5. FINAL LOCATIONS SHALL BE COORDINATED WITH AND APPROVED BY THE PROJECT ARBORIST.
6. NO MATERIALS, EQUIPMENT, SPOIL, WASTE OR WASHOUT WATER MAY BE DEPOSITED, STORED, OR PARKED WITHIN 20 FEET OF THE TREE PROTECTION ZONE.
7. EROSION CONTROL DEVICES SUCH AS SILT FENCING, DEBRIS BASINS, AND WATER DIVERSION STRUCTURES SHALL BE INSTALLED TO PREVENT SILTATION AND/OR EROSION WITHIN THE TREE PROTECTION ZONE.
8. CONSTRUCTION ACTIVITY SHALL NOT DESTROY OR IRREVERSIBLY HARM THE ROOT SYSTEM OF PROTECTED TREES. POST HOLES AND TRENCHES LOCATED CLOSE TO PROTECTED TREES SHALL BE ADJUSTED TO AVOID DAMAGE TO MAJOR ROOTS.
9. DO NOT INSTALL CONDUIT, DRAIN OR IRRIGATION LINES, OR ANY UTILITY LINE WITHIN THE TREE PROTECTION ZONE WITHOUT THE APPROVAL OF THE PROJECT ARBORIST. IF LINES MUST TRAVERSE THE PROTECTION AREA, THEY SHALL BE TUNNELED OR BORED UNDER THE TREE.
10. CONTRACTOR'S ACCESS TO FENCED TREE PROTECTION AREAS WILL BE PERMITTED ONLY WITH APPROVAL OF THE PROJECT ARBORIST.
11. EXCAVATION OR GRADING REQUIRED WITHIN THE PROTECTED AREA SHALL BE LIMITED TO THREE (3) INCHES OF CUT OR FILL. COORDINATE WITH PROJECT ARBORIST.
12. STRUCTURES AND UNDERGROUND FEATURES TO BE REMOVED WITHIN THE TREE PROTECTION ZONE SHALL BE COORDINATED WITH THE PROJECT ARBORIST.
13. TREE PROTECTION FENCING AROUND TREES TO BE RELOCATED SHALL BE ERECTED UNTIL THE TREE IS READY TO BE RELOCATED AND NEW FENCING SHALL BE ERECTED AT THE TREES NEW LOCATION AND WILL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETE.
14. IF ANY DAMAGE TO TREE PROTECTION FENCING SHOULD OCCUR BY ACCIDENT OR NEGLIGENCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIRS.
15. IF TEMPORARY HULL OR ACCESS ROADS MUST PASS OVER THE PROTECTED AREA OF TREES TO BE PRESERVED, A ROAD BED OF SIX (6) INCHES OF MULCH OR GRAVEL SHALL BE CREATED TO PROTECT THE SOIL. THE ROAD BED MATERIAL SHALL BE REPLISHED AS NECESSARY TO MAINTAIN A SIX (6) INCH ROAD BED AT ALL TIMES. CONTRACTOR SHALL REMOVE ALL SUCH MATERIALS FROM THE SITE AS SOON AS TEMPORARY ACCESS IS NO LONGER NECESSARY.
16. CONTRACTOR SHALL COORDINATE WITH THE PROJECT ARBORIST PRIOR TO THE REMOVAL OF ALL TREE PROTECTION FENCING.

C. ROOT PRUNING/TRENCHING

- 1. TRENCHING LOCATIONS SHALL BE APPROVED IN THE FIELD BY THE PROJECT ARBORIST.
2. TRENCHING EQUIPMENT THAT WILL TURN AT HIGH RPM'S IS PREFERRED, AND SHALL BE APPROVED BY THE PROJECT ARBORIST. APPROVED EQUIPMENT WILL BE USED TO PERFORM ALL ROOT PRUNING OPERATIONS. A MINIMUM DEPTH OF THREE FEET IS REQUIRED.
3. INSTALL ROOT BARRIER WHERE DESIGNATED, SEE TREE MITIGATION PLAN AND DETAIL SHEETS.
4. THE TRENCH SHALL BE BACKFILLED WITH PREVIOUSLY EXCAVATED SOIL AND COMPACTED IMMEDIATELY.
5. TREES TO BE RELOCATED SHALL BE ROOT PRUNED A MINIMUM OF TWELVE (12) WEEKS PRIOR TO TREE RELOCATION.
6. WHEN THE TREE ROOT ZONE WILL BE DISTURBED, AFFECTED ROOTS MUST BE SEVERED BY CLEAN PRUNING CUTS AT THE POINT WHERE CONSTRUCTION IMPACTS THE ROOTS.

D. CLEARING

- 1. ANY BRUSH CLEARING REQUIRED WITHIN THE TREE PROTECTION ZONE SHALL BE ACCOMPLISHED WITH HAND-OPERATED EQUIPMENT.
2. CONTRACTOR SHALL CLEAR ALL TREE PROTECTION AREAS OF VINES, SHRUBS, GROUND COVERS, WEEDS, SAPLINGS, AND INVASIVES LISTED ON THE LATEST EDITION OF THE FLORIDA EXOTIC PEST PLANT COUNCIL'S LIST OF INVASIVE SPECIES.
3. PROJECT ARBORIST MUST APPROVE METHODS OTHER THAN HAND CLEARING.

- 4. A TWO (2) INCH LAYER OF MULCH SHALL BE APPLIED OVER THE SURFACE OF EXPOSED ROOTS OF PROTECTED TREES DURING THE SITE CLEARING PHASE.

E. TREE CANOPY PRUNING

- 1. TREE PRUNING SPECIFICATIONS SHALL BE DEFINED BASED ON SPECIFIC RECOMMENDATIONS OF THE PROJECT ARBORIST. INFORMATION PRESENTED BELOW SHOULD BE USED AS A GUIDELINE.
2. CONTRACTOR SHALL VISIT THE SITE WITH THE PROJECT ARBORIST TO VERIFY THE EXTENT OF REQUIRED PRUNING.
3. ALL PRUNING SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A QUALIFIED INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST OR AN AMERICAN SOCIETY OF CONSULTING ARBORISTS (ASCA) REGISTERED CONSULTING ARBORIST (RCA).
4. AT LEAST ONE MEMBER OF THE PRUNING CREW SHALL BE AN ISA CERTIFIED ARBORIST.
5. WHILE IN THE TREE, THE ARBORIST SHALL PERFORM AN AERIAL INSPECTION TO IDENTIFY DEFECTS THAT REQUIRE TREATMENT. ANY ADDITIONAL WORK NEEDED SHALL BE REPORTED TO THE OWNER.
6. PRUNING CUTS SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE ANSI A300 PRUNING STANDARD (AMERICAN NATIONAL STANDARD FOR TREE CARE OPERATIONS) AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF ANSI Z133.1 SAFETY STANDARD. PRUNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ISA'S 'BEST MANAGEMENT PRACTICES: TREE PRUNING'.
7. WHERE TEMPORARY CLEARANCE IS NEEDED FOR ACCESS, BRANCHES SHALL BE TIED BACK TO HOLD THEM OUT OF THE CLEARANCE ZONE.
8. NO MORE THAN 20 PERCENT OF LIVE FOLIAGE SHALL BE REMOVED WITHIN ANY TREE.
9. ALL TREES WITHIN THE PROJECT AREA SHALL BE PRUNED AS FOLLOWS:
a. LIVE BRANCH PRUNING SHOULD BE PERFORMED ONLY WHEN THE DANGER OF INSECT OR DISEASE INFESTATION IS NOT PRESENT.
b. REMOVE STUBS, CUTTING OUTSIDE THE WOUND WOOD TISSUE THAT HAS FORMED AROUND THE BRANCH.
c. CLEANING, OR THE SELECTIVE REMOVAL OF DEAD, DISEASED, BROKEN, OR CROSSING BRANCHES DOWN TO ONE INCH IN DIAMETER OR AS DIRECTED BY THE PROJECT ARBORIST.
d. PRUNING CUTS LARGER THAN 4 INCHES IN DIAMETER, EXCEPT FOR DEAD WOOD, SHALL BE AVOIDED.
e. PRUNING CUTS THAT EXPOSE HEARTWOOD SHALL BE AVOIDED WHENEVER POSSIBLE.
f. ALL TREES WITH CROWNS THAT PROJECT INTO PARKING LOT/ROADWAY AREAS SHALL BE RAISED TO 14 FEET ABOVE FINISHED GRADE.
g. ALL TREES WITH CROWNS THAT PROJECT INTO SIDEWALK AREAS SHALL BE RAISED TO A HEIGHT OF 8 FEET ABOVE FINISHED GRADE.
9. TREES, WHOSE ROOT SYSTEMS WILL BE IMPACTED SHALL RECEIVE THE FOLLOWING PRUNING TO COMPENSATE FOR ROOT LOSS:
a. THE LOCATION AND SIZE OF BRANCHES FOR REDUCTION SHALL BE DEFINED BY THE PROJECT ARBORIST.
b. REDUCTION, OR THE SELECTIVE PRUNING TO REDUCE TREE HEIGHT OR SPREAD.
c. REDUCE END WEIGHT ON HEAVY, HORIZONTAL BRANCHES BY SELECTIVELY REMOVING SMALL DIAMETER BRANCHES. NO GREATER THAN 2 TO 3 INCHES, NEAR THE ENDS OF SCAFFOLD BRANCHES.
d. RASING SHALL CONSIST OF SELECTIVE PRUNING TO PROVIDE VERTICAL CLEARANCE.
10. PROPOSED/REPLACEMENT TREES
a. PRUNING SHALL BE LIMITED TO CLEANING.
11. BRUSH SHALL BE CHIPPED AND SPREAD (ONLY WHEN DISEASE OR INSECT INFESTATION IS NOT PRESENT) UNDERNEATH TREES WITHIN THE TREE PROTECTION ZONE TO A MAXIMUM DEPTH OF THREE (3) INCHES, LEAVING THE TRUNK CLEAR OF MULCH.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EXCESS DEBRIS ON A DAILY BASIS.

F. FERTILIZATION

- 1. CONTRACTOR SHALL COORDINATE FERTILIZATION PLAN, FOLLOWING BEST MANAGEMENT PRACTICES WITH THE PROJECT ARBORIST PRIOR TO COMMENCEMENT OF WORK.
2. EVERY EFFORT SHALL BE MADE TO UTILIZE CHEMICALS OF AN ORGANIC OR BIODEGRADABLE NATURE IN ORDER TO OFFER THE LEAST IMPACT TO THE NATURAL ENVIRONMENT. CONTRACTOR IS RESPONSIBLE FOR MIXING, APPLYING, AND DISPOSAL OF ALL CHEMICALS IN ACCORDANCE WITH STRICT ADHERENCE TO MANUFACTURER'S SPECIFICATIONS, COORDINATE WITH PROJECT ARBORIST FOR FURTHER INSTRUCTION.
3. ONLY TREES AFFECTED BY CONSTRUCTION OR AS SHOWN ON THE TREE MITIGATION PLAN AND TREE INVENTORY SCHEDULE SHALL BE TREATED.
4. TREES SPECIFIED TO RECEIVE FERTILIZER SHALL BE TREATED AS FOLLOWS:
a. MIX FERTILIZER ACCORDING TO MANUFACTURER'S SPECIFICATIONS INTO A TANK WITH AGITATION CAPABILITY.
b. MIX WETTING AGENT ACCORDING TO MANUFACTURER'S SPECIFICATIONS INTO SAME TANK WITH FERTILIZER. AGITATE MIX.
c. INJECT THE MIXTURE WITH A HYDRAULIC INJECTION SYSTEM INTO THE UPPER 6-12 INCHES OF SOIL WITH A SOIL PROBE. INJECT AT THE RATE OF ONE THIRD (1/3) GALLON AT EACH INJECTION SITE.
d. THE CRITICAL ROOT ZONE AREA PLUS 2' BEYOND THE CRITICAL ROOT ZONE SHALL BE INJECTED, BUT NOT BEYOND ROOT PRUNING LOCATIONS.
e. FERTILIZER SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF ANY AERATION SYSTEMS.
f. EMPTY PRODUCT CONTAINERS SHALL BE STOCKPILED FOR INSPECTION BY THE PROJECT ARBORIST PRIOR TO DISPOSAL.
5. INSECTICIDE
7. NOTIFY PROJECT ARBORIST IF ANY INFESTATION IS NOTICED.
8. FOLLOW PROJECT ARBORIST'S RECOMMENDED PROCEDURES.
9. FOLLOW ALL MANUFACTURERS' RECOMMENDATIONS CONCERNING APPLICATION. READ ALL WARNING LABELS.
10. ANY PETS, AS WELL AS, THE PETS FOOD AND WATER BOWLS SHOULD BE REMOVED FROM THE AREA AND ANY SWIMMING POOLS SHOULD BE COVERED. COORDINATE WITH PROJECT ARBORIST FOR FURTHER INSTRUCTION.
11. ENSURE COMPLETE COVERAGE AND REAPPLY 2-3 MONTHS AFTER INITIAL APPLICATION UTILIZING SAME PROCEDURE.

H. IRRIGATION

- 1. EVERY EFFORT SHALL BE MADE TO WATER THE PRESERVED TREES AND TRANSPLANTS, CONTRACTOR SHALL IRRIGATE BY HAND OR BY TEMPORARY IRRIGATION.
2. IRRIGATE AS REQUIRED BY PROJECT ARBORIST UNTIL PERMANENT IRRIGATION IS INSTALLED AND OPERATING.
3. UNDERGROUND IRRIGATION SHALL NOT BE INSTALLED WITHIN THE DRIP LINES OF EXISTING TREES UNLESS ROOT PROTECTION MEASURES ARE PROVIDED AND APPROVED BY PROJECT ARBORIST.

I. TREE REMOVALS

- 1. PRIOR TO AND DURING LAND CLEARING, INCLUDING GRUBBING, ALL TREES TO BE REMOVED SHALL BE CLEARLY MARKED BY PROJECT ARBORIST WITH RED SURVEY RIBBONS AT 36 INCHES MINIMUM ABOVE GRADE.
2. CONTRACTOR SHALL REMOVE ALL TREES AS SHOWN ON THE TREE MITIGATION PLANS AFTER THE TREE PROTECTION FENCING IS INSTALLED.
3. ALL TREES SHOWN TO BE REMOVED SHALL BE FELLED WITH A CHAIN SAW AND STUMP GROUND 6" BELOW SURFACE, ANY TREE SHOWN TO BE REMOVED THAT IS IN AN AREA WHERE COMPACTION IS CRITICAL SHALL BE FELLED WITH A CHAIN SAW AND STUMP REMOVED BY CONTRACTOR.
4. ALL WOOD AND STUMPS FROM REMOVALS SHALL BE HAULED FROM THE SITE THE SAME DAY, EXCEPT FOR TOPS. ALL TOPS ARE TO BE MULCHED AND STOCKPILED OR HAULED DIRECTLY TO MULCHED AREAS FOR RELOCATED TREES IF SCHEDULING PERMITS. TOPS

- SHALL BE CHIPPED AND PLACED IN THE TREE PROTECTION ZONE TO A DEPTH OF THREE (3) INCHES. ALL EXCESS WOOD CHIPS SHOULD BE HAULED OFF-SITE AFTER TRANSPLANTING IS COMPLETE.

- 5. ALL BURN PITS IF APPLICABLE MUST BE APPROVED BY THE PROJECT ARBORIST AND OWNER.

- 6. TREES TO BE REMOVED THAT HAVE BRANCHES EXTENDING INTO THE CANOPY OF TREES TO REMAIN MUST BE REMOVED BY A QUALIFIED ISA CERTIFIED ARBORIST AND NOT BY DEMOLITION OR CONSTRUCTION CONTRACTORS. THE QUALIFIED ARBORIST SHALL REMOVE THE TREE IN A MANNER THAT CAUSES NO DAMAGE TO THE TREES AND UNDERSTORY VEGETATION TO REMAIN.
7. TREES TO BE REMOVED LOCATED WITHIN THE TREE PROTECTION ZONE SHALL BE REMOVED BY A QUALIFIED ISA CERTIFIED ARBORIST. THE TREES SHALL BE CUT NEAR GROUND LEVEL AND THE STUMP GROUND OUT.

L. TOPSOIL

- 10. CONTRACTOR SHALL COORDINATE ALL EARTHWORK OPERATIONS WITHIN TREE PROTECTION AREAS WITH THE PROJECT ARBORIST PRIOR TO BEGINNING WORK.
11. ALL TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, FINE LOAMY SOIL POSSESSING CHARACTERISTICS OF REPRESENTATIVE TOPSOIL IN THE VICINITY THAT PRODUCES HEAVY GROWTH.
12. TOPSOIL PH RANGE OF 5.5 TO 7.0, 3-5 PERCENT ORGANIC MATERIAL MINIMUM, FREE FROM SUBSOIL, OBJECTIONABLE WEEDS, LITTER, SODS, STIFF CLAY, STONES LARGER THAN ONE (1) INCH IN DIAMETER, STUMPS, ROOTS, TRASH, TOXIC SUBSTANCES, OR ANY OTHER MATERIAL WHICH MAY BE HARMFUL TO PLANT GROWTH.
13. VERIFY AMOUNT STOCKPILED IF ANY, AND SUPPLY ADDITIONAL AS NEEDED FROM NATURALLY WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT LEAST FOUR (4) INCHES DEEP. DO NOT OBTAIN TOPSOIL FROM BOGS OR MARSHES.
14. PROJECT ARBORIST SHALL APPROVE ALL TOPSOIL PRIOR TO PLACEMENT.

M. REPAIR OF DAMAGED TREES

- 1. IF DAMAGE TO ANY TREE SHOULD OCCUR BY ACCIDENT OR NEGLIGENCE DURING THE CONSTRUCTION PERIOD, THE PROJECT ARBORIST SHALL APPRAISE THE DAMAGE AND MAKE RECOMMENDATIONS TO THE OWNER FOR REPAIR BY THE CONTRACTOR.
2. IF ANY TREE DESIGNATED TO BE SAVED IS REMOVED FROM THE SITE WITHOUT PERMISSION OF THE OWNER'S REPRESENTATIVE, THE PROJECT ARBORIST SHALL APPRAISE THE TREE AND MAKE RECOMMENDATIONS TO THE OWNER FOR REPLACEMENT BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF THE TREE AND ANY FEES THAT MAY BE ASSESSED TO THE OWNER BY THE GOVERNING AGENCY.

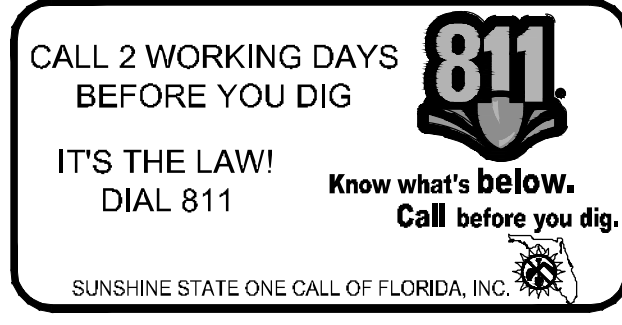
Table with columns: No., REVISIONS, DATE, BY

Kimley Horn logo and contact information: © 2022 KIMLEY-HORN AND ASSOCIATES, INC. 189 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801. PHONE: 407-698-1511. WWW.KIMLEY-HORN.COM. REGISTRY No. 35106

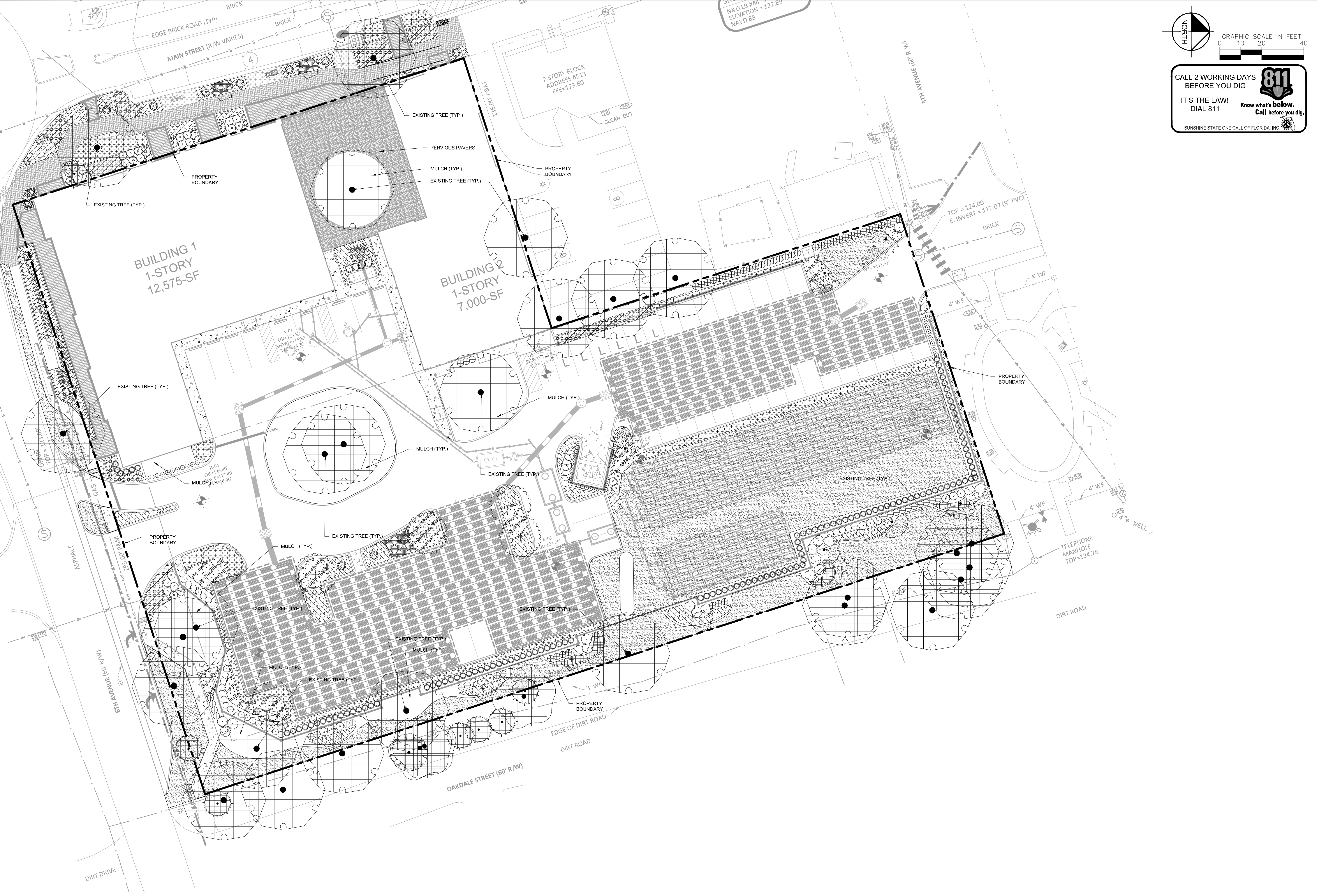
Table with columns: KHA PROJECT 149973004, DATE 02/09/2023, SCALE AS SHOWN, DESIGNED BY AKP, DRAWN BY AKP, CHECKED BY AKP, DATE

TREE MITIGATION NOTES

WINDERMERE DOWNTOWN PROPERTY TOWN OF WINDERMERE, FL



Plotted By: Ceiler, Marcus. Sheet: Sct: Windermere Downtown Property. Layout: L1.00 OVERALL LANDSCAPE PLAN. May 03, 2023 08:21:28pm. K:\GR-Civil\14997504-Windermere Downtown Property\CADD\CONSTR\PlanSheets\L1.00 - LANDSCAPE PLAN.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.



NORTH
 GRAPHIC SCALE IN FEET
 0 10 20 40
CALL 2 WORKING DAYS BEFORE YOU DIG
811
 IT'S THE LAW! DIAL 811
 Know what's below. Call before you dig.
 SUNSHINE STATE ONE CALL OF FLORIDA, INC.

A LANDSCAPE PLAN
L1.00

WINDERMERE DOWNTOWN PROPERTY TOWN OF WINDERMERE	SHEET NUMBER L1.00	
	LANDSCAPE PLAN	
Kimley»Horn © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 189 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801 PHONE: 407-698-1511 WWW.KIMLEY-HORN.COM REGISTRY No. 35106	LICENSED PROFESSIONAL	
	KHA PROJECT 149975004	
DATE 02/09/2023		CHECKED BY AKP
SCALE AS SHOWN		DATE
DESIGNED BY AKP		DRAWN BY AKP
DRAWN BY AKP		CHECKED BY AKP
REVISIONS		DATE
BY		DATE

PLANT SCHEDULE

CANOPY TREE		CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	DROUGHT TOL	NATIVE
		QVC	2	QUERCUS VIRGINIANA 'CATHEDRAL' SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1	CATHEDRAL LIVE OAK	100 GAL	3.5" CAL MIN	14' HT., 16' SPR.	YES	YES
		UPA	4	ULMUS PARVIFOLIA ALLEE TM SINGLE, STRAIGHT TRUNK, FULL, FLORIDA #1	ALLEE LACEBARK 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
		KPE	3	EXISTING GOLDEN RAIN TREE CONTRACTOR LIABLE FOR DAMAGES	TO REMAIN	EXISTING	-	-		
		PAE	7	EXISTING PALM CONTRACTOR LIABLE FOR DAMAGES	TO REMAIN	EXISTING	-	-		
		PME	1	EXISTING PODOCARPUS TREE CONTRACTOR LIABLE FOR DAMAGES	TO REMAIN	EXISTING	-	-		
		QVE	27	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	9	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	28	ABELIA X GRANDIFLORA 'EDWARD GOUCHER' FULL	EDWARD GOUCHER GLOSSY ABELIA	3 GAL	36" OC	24" HT MIN	YES	YES
		GM	21	GARDENIA AUGUSTA MIAMI SUPREME' STANDARD, FULL	MIAMI SUPREME GARDENIA	7 GAL	SEE PLAN	48" HT MIN	NO	NO
		IF	120	ILICIJUM FLORIDANUM FULL	FLORIDA ANISE	3 GAL	36" OC	20" HT MIN	YES	YES
		PM	101	PODOCARPUS MACROPHYLLOS FULL TO BASE, CLOSELY MATCHING	PODOCARPUS	3 GAL	24" OC	36" HT MIN	YES	NO
		RF	41	RHOODODENDRON X 'FASHION' FULL	FASHION GLENN DALE AZALEA	7 GAL	SEE PLAN	30" HT MIN	YES	NO
		RG	22	RHOODODENDRON X 'MRS. G. G. GERBING' FULL	LARGE WHITE AZALEA	7 GAL	SEE PLAN	36" HT MIN	NO	NO
		RR	6	RHOODODENDRON X 'FORMOSA' FULL	FORMOSA AZALEA	7 GAL	SEE PLAN	36" HT MIN	YES	YES
		VS	73	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	35	BOUGAINVILLEA X 'MISS ALICE' THORNLESS FULL	MISS ALICE BOUGAINVILLEA	3 GAL	12" HT MIN	36" OC	YES	NO
		JM	19	JASMINUM MULTIFLORUM FULL	DOWNEY JASMINE	3 GAL	14" HT MIN	30" OC	YES	NO
		NF	41	NEPHROLEPIS FALCATA FULL	MACHO FERN	3 GAL	12" HT MIN	30" OC	YES	NO
		PA	177	PLUMBAGO AURICULATA FULL	BLUE PLUMBAGO	3 GAL	12" HT MIN	36" OC	YES	NO
		RA	198	RHAPHOLEPIS 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 ELATIOI FULL	CAST IRON PLANT	1 GAL	20" HT, MIN	18" OC	YES	NO
		LMS	804	LIRIOPPE MUSCARI 'BIG BLUE' FULL	BIG BLUE LILYTURF	1 GAL	12" FULL	18" OC	YES	NO
		TM	2,121	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	16,961 SF	STENOTAPHRUM SECUNDATUM 'FLORITAM' 100% INSECT/DISEASE FREE, LAID TIGHT, ROLLED	FLORITAM ST. AUGUSTINE SOD	SOD	-	-	NO	NO

LANDSCAPE NOTES

1. ALL LANDSCAPE MATERIAL TO BE FLORIDA GRADE #1 OR BETTER QUALITY
2. ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL
3. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE
4. ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
5. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
6. ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
7. 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.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS.
10. 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.
11. 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.
12. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR WARRANTY PERIOD. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
13. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
14. 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.
15. 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.
16. ALL LANDSCAPE AREAS WILL BE PROVIDED WITH PERMANENT AUTOMATIC IRRIGATION SYSTEM.
17. TREE SUPPORT MATERIALS ARE TO BE REMOVED FROM EACH TREE ONCE IT IS "ESTABLISHED" (AS APPROVED BY THE LANDSCAPE ARCHITECT).
18. 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.

CALL 2 WORKING DAYS BEFORE YOU DIG

811

IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE

SHEET NUMBER **L1.01**

LANDSCAPE SCHEDULE & NOTES

LICENSED PROFESSIONAL

KHA PROJECT 149973004

DATE 02/09/2023

SCALE AS SHOWN

DESIGNED BY AKP

DRAWN BY AKP

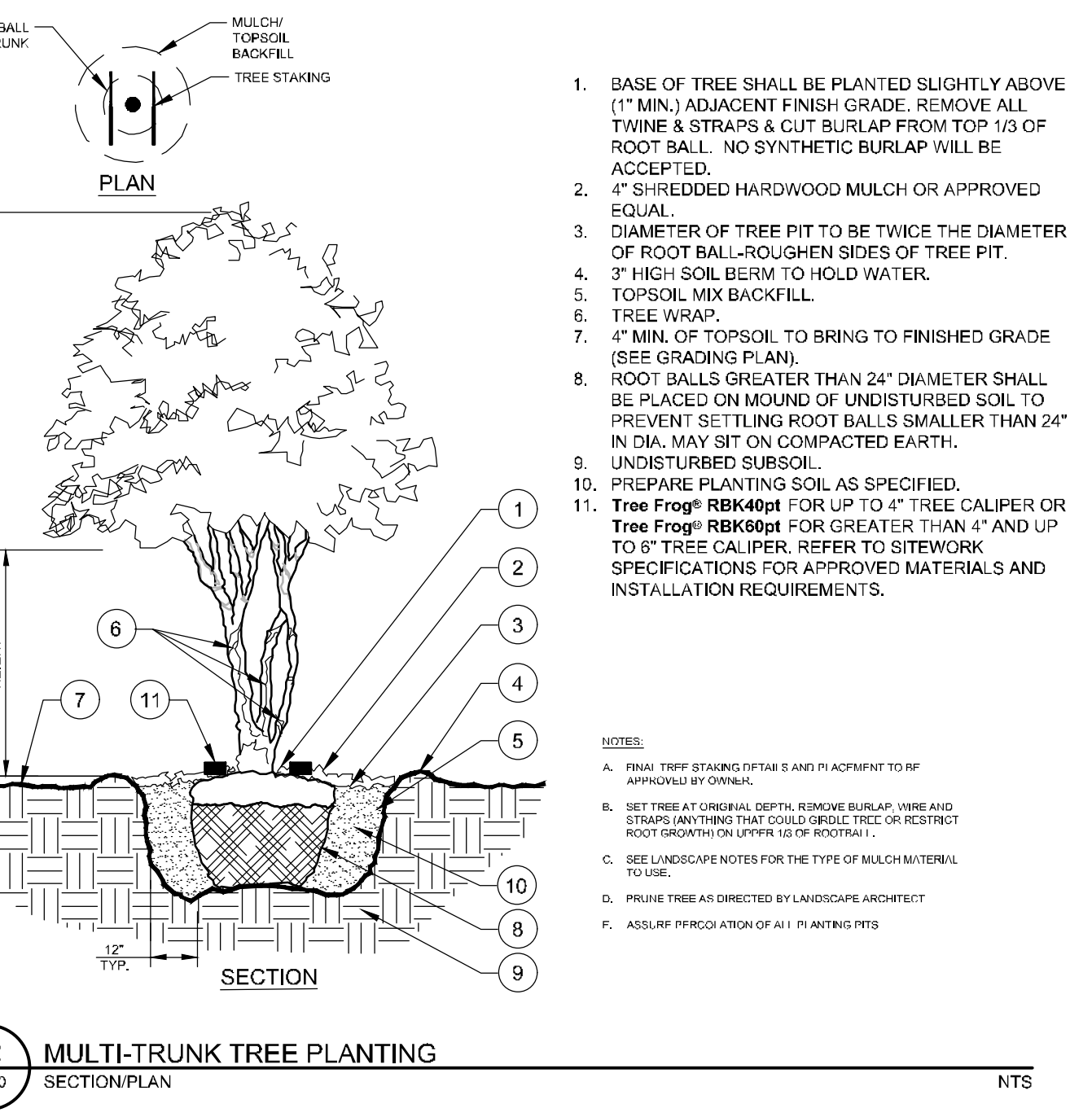
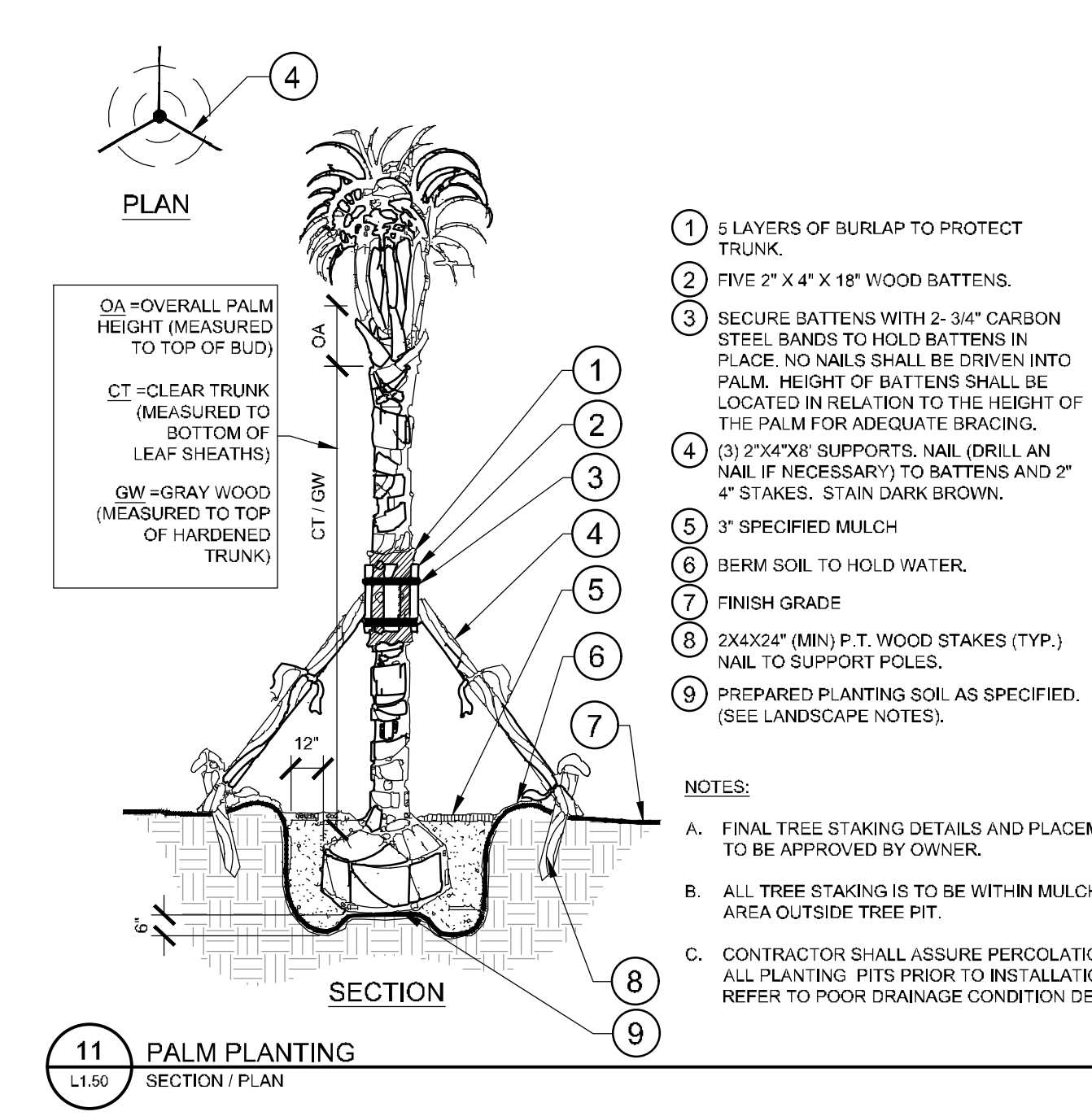
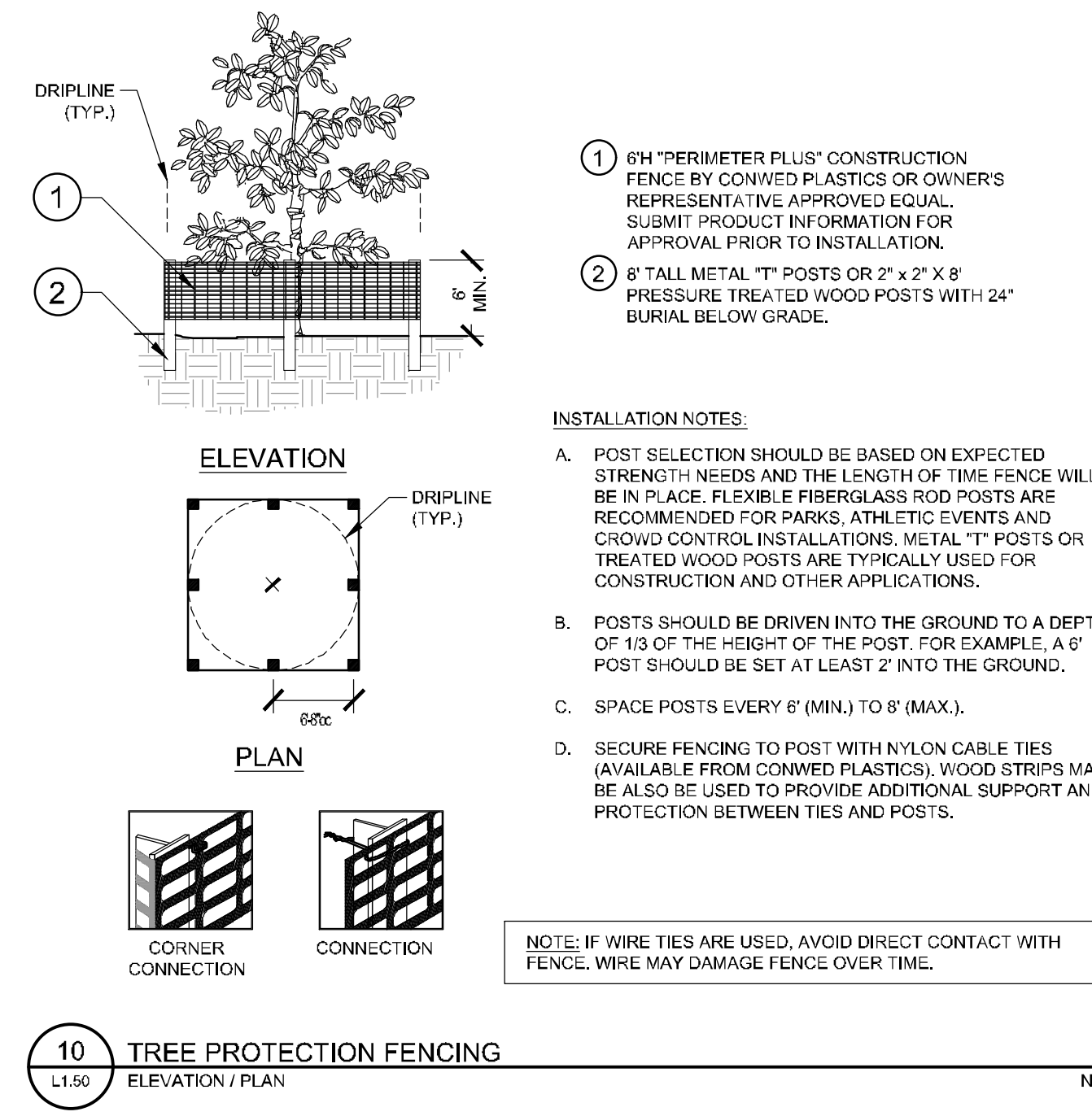
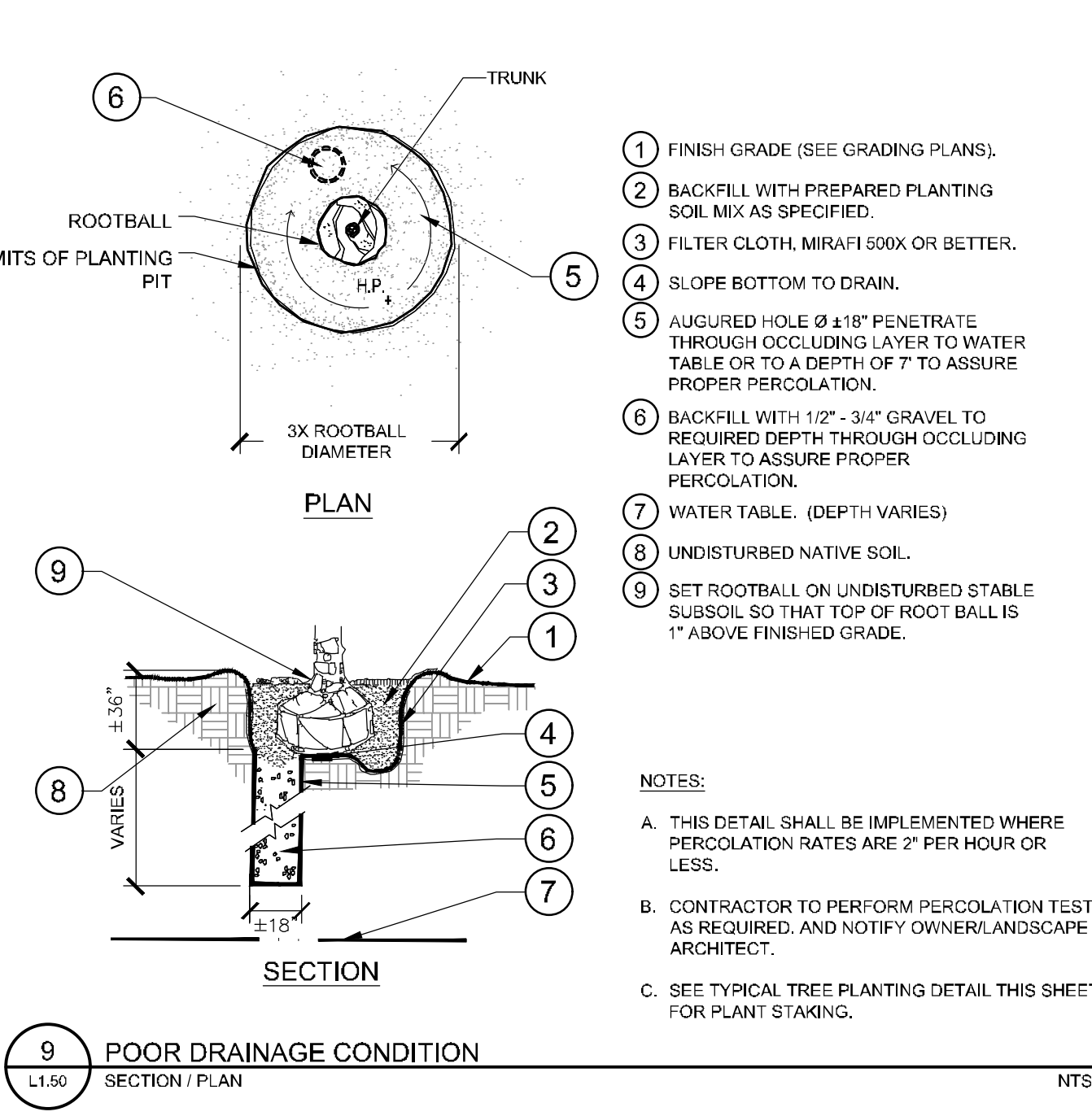
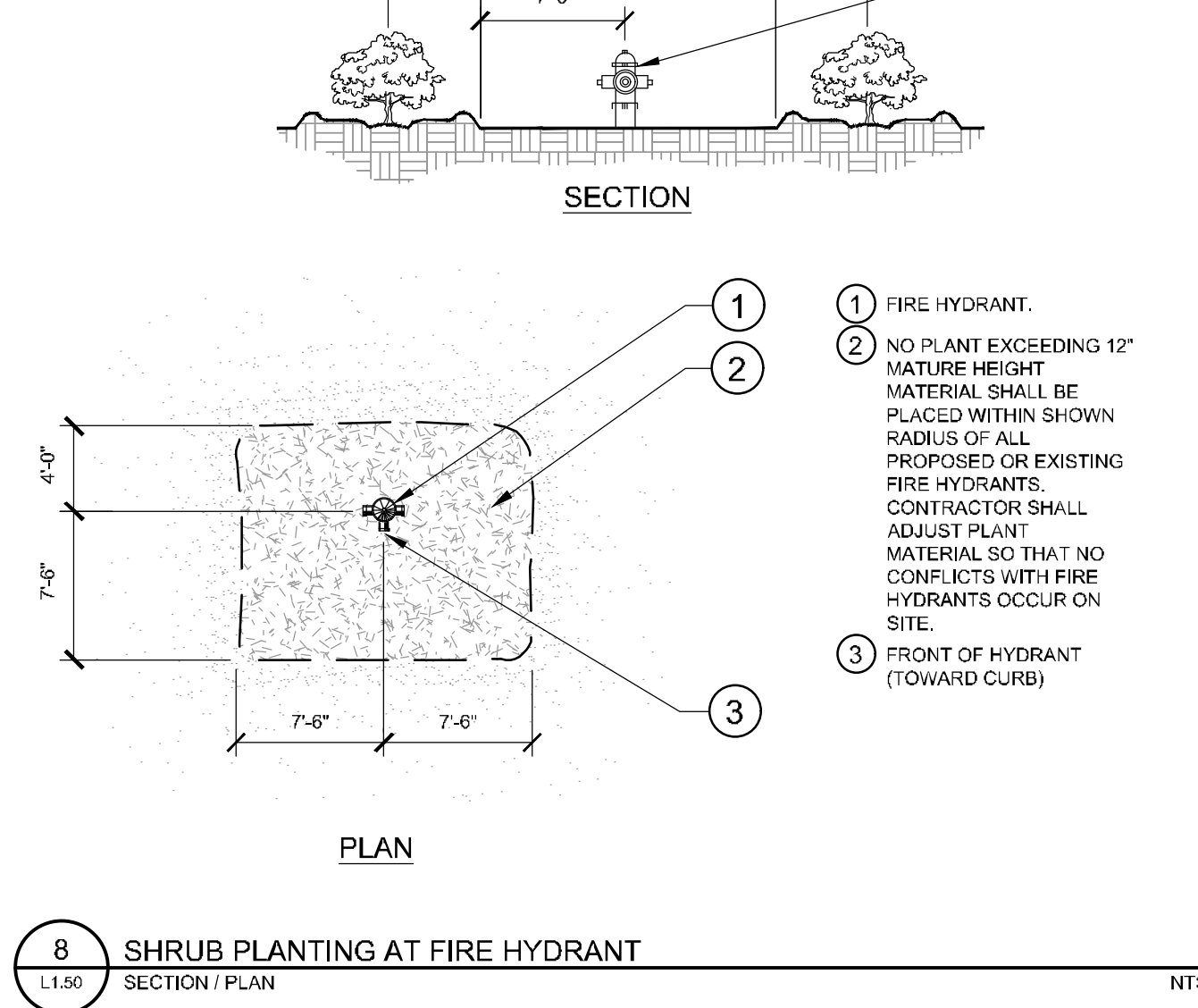
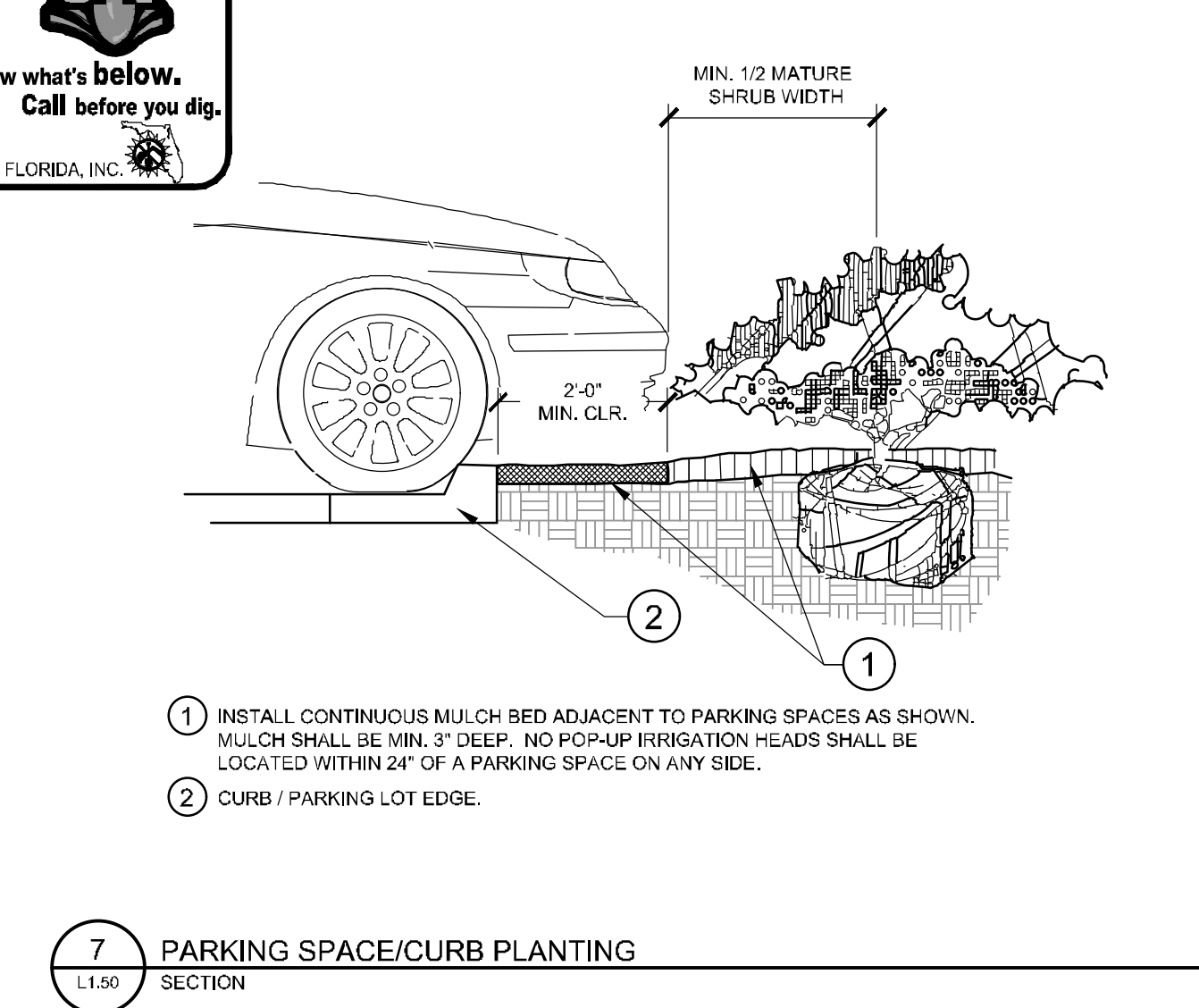
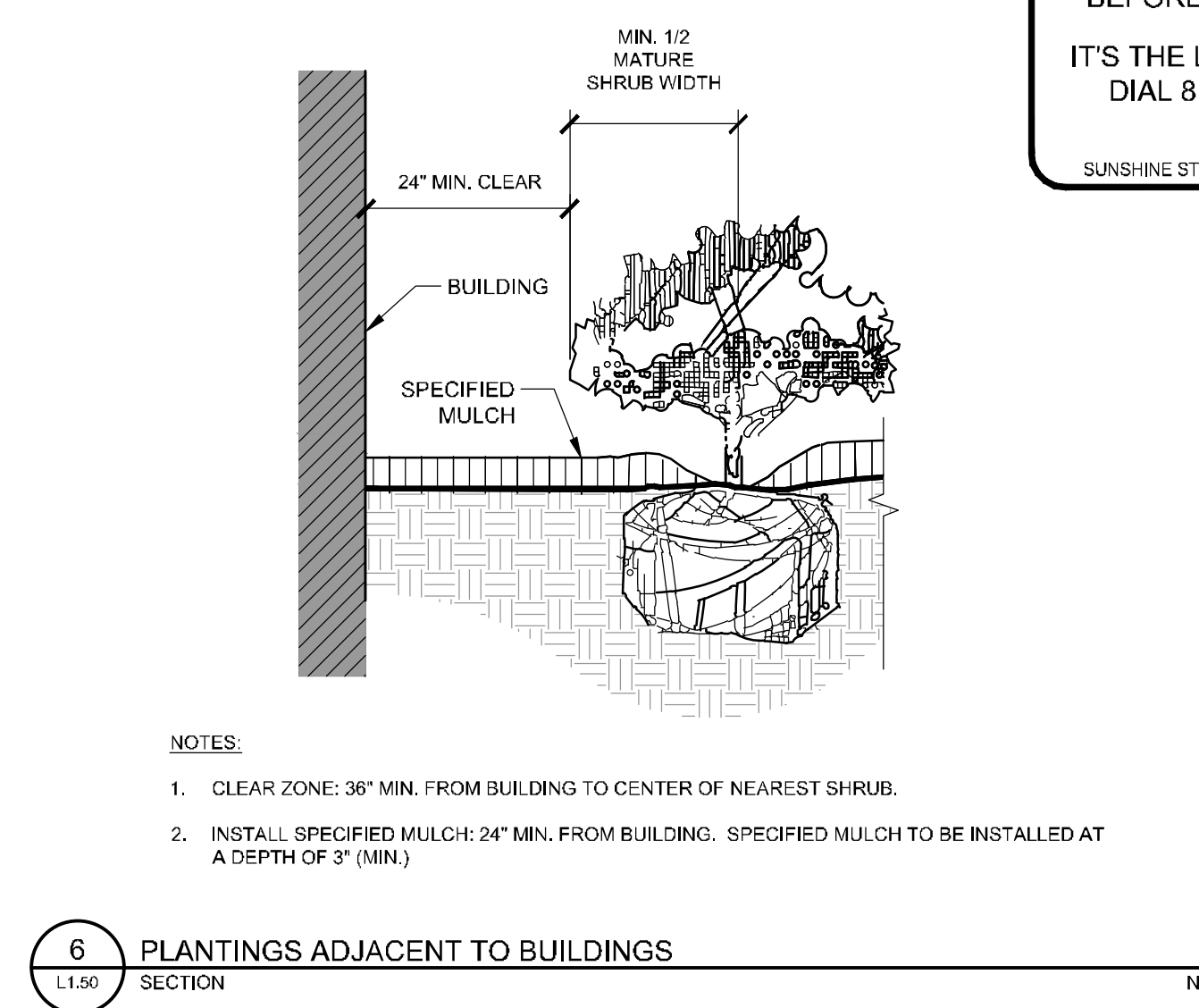
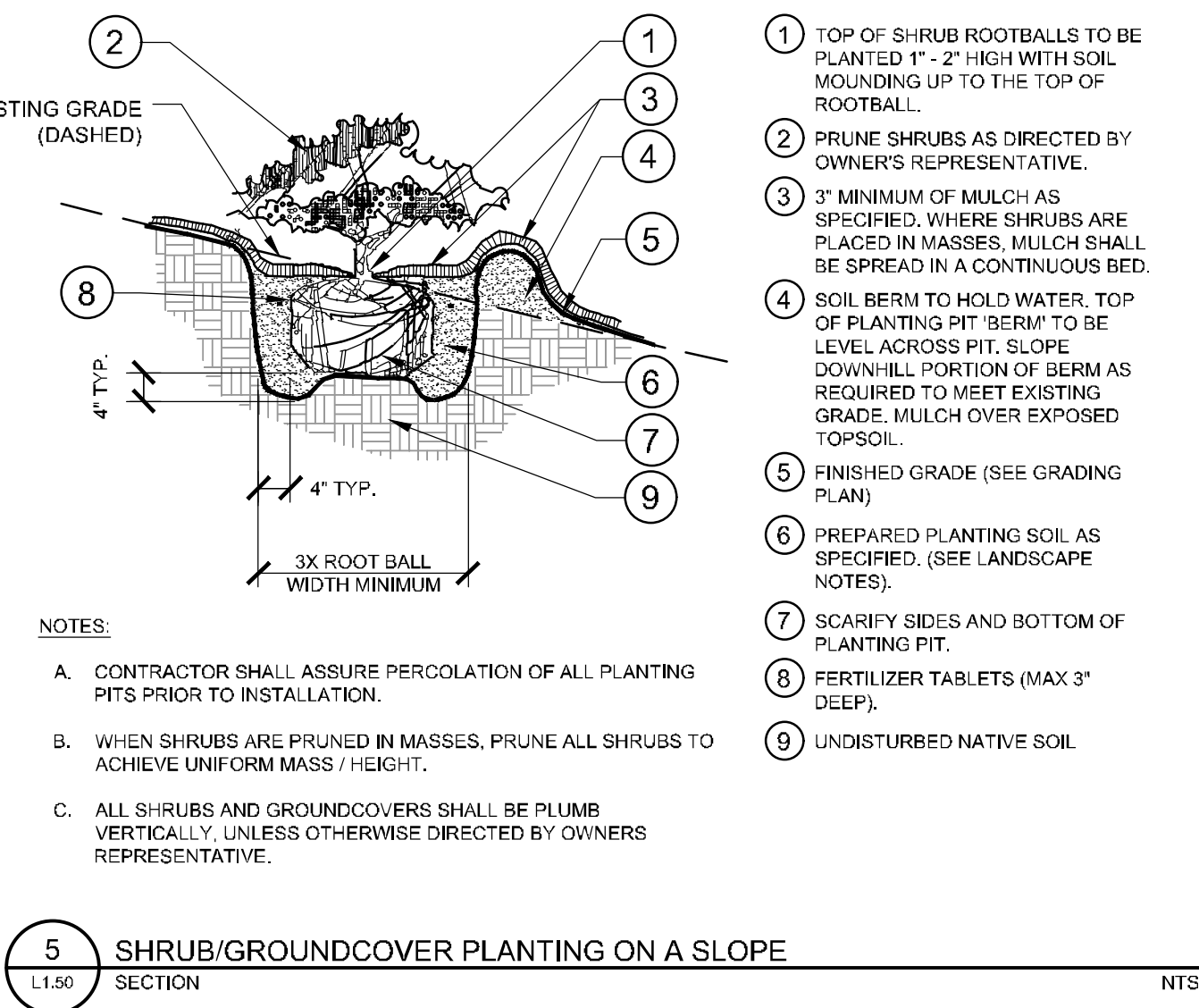
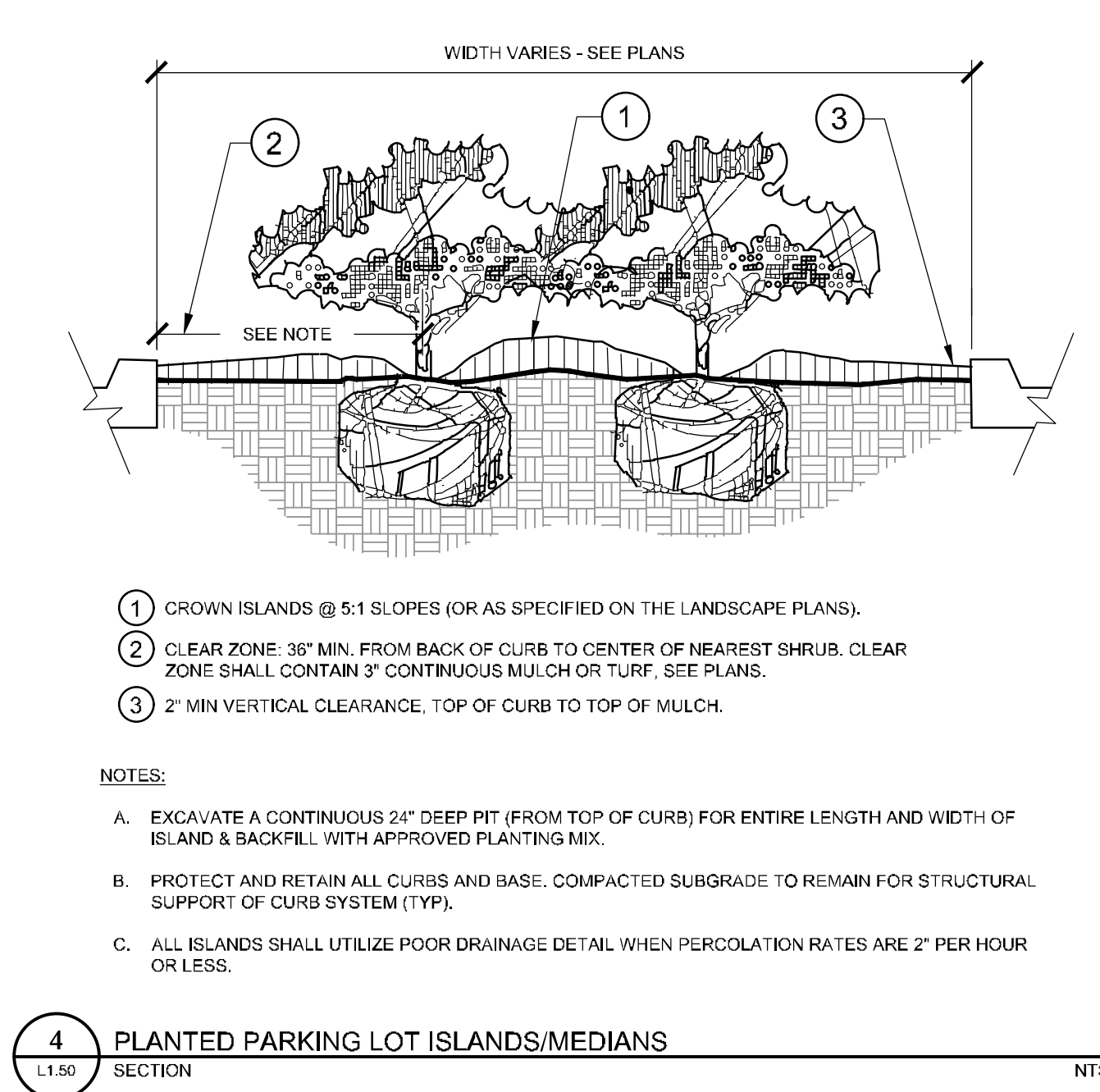
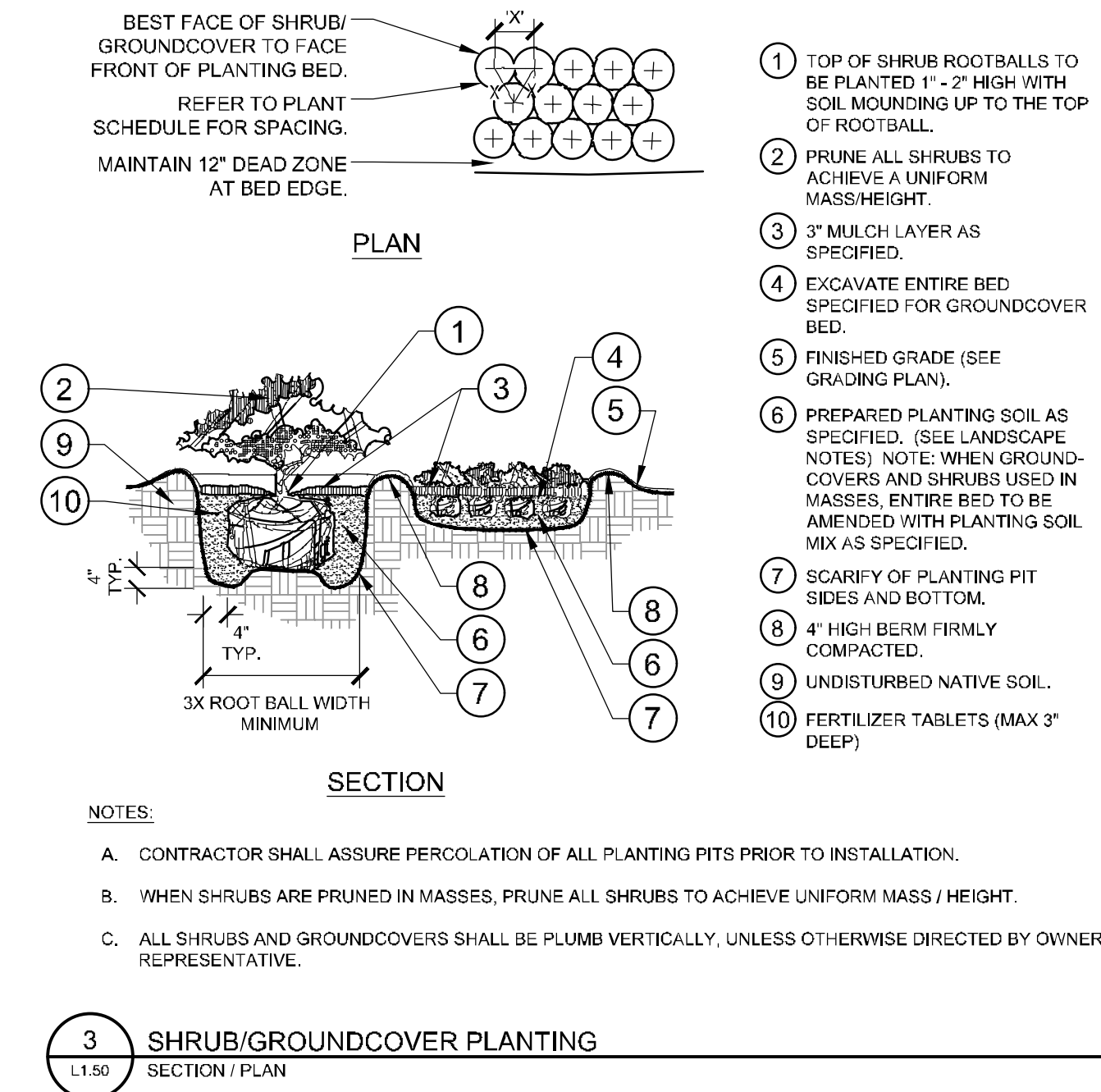
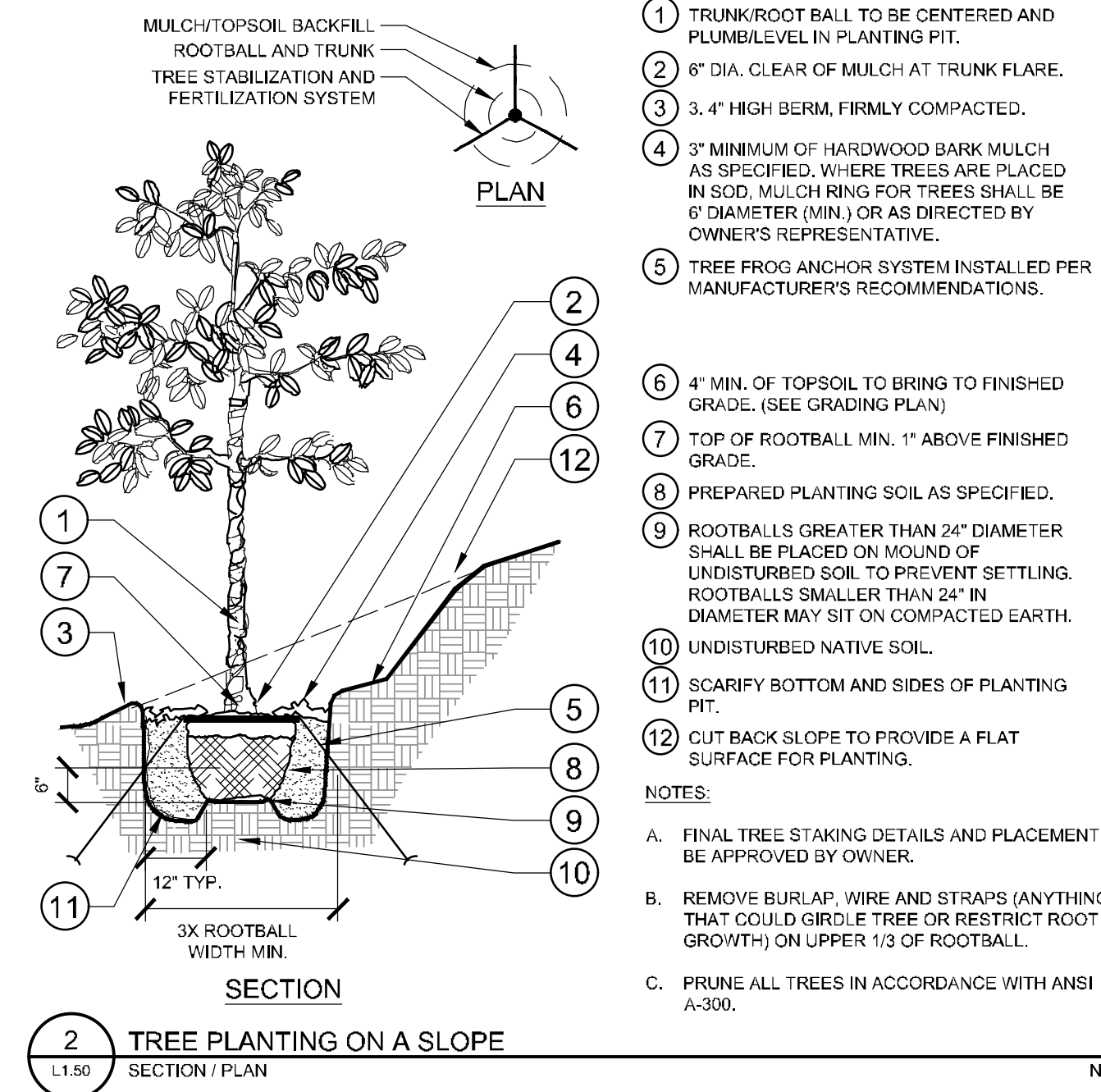
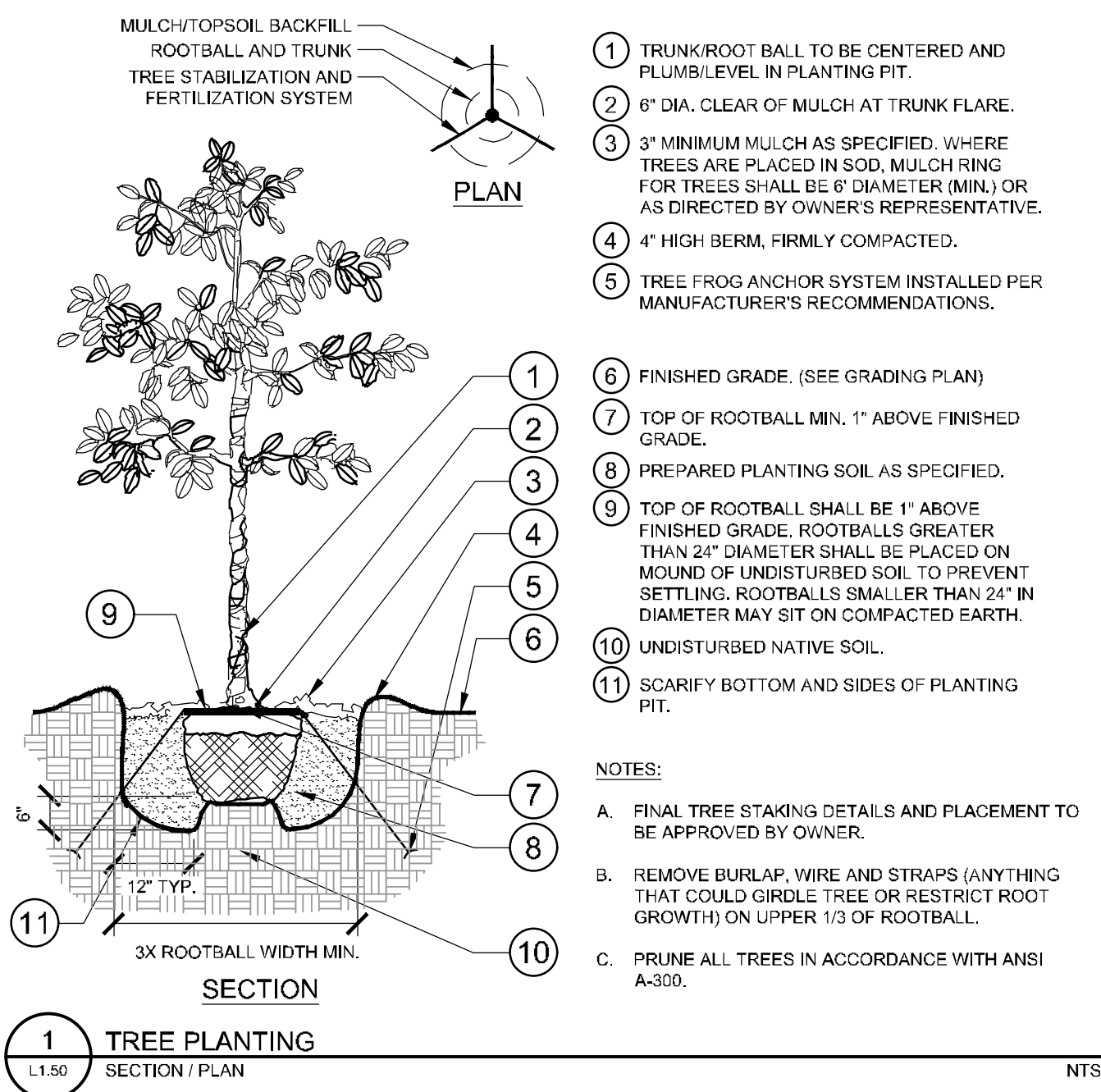
CHECKED BY AKP

Kimley»Horn

© 2023 KIMLEY-HORN AND ASSOCIATES, INC.
189 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801
PHONE: 407-698-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

NO.	REVISIONS	DATE	BY

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.



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.

Kimley-Horn
© 2022 KIMLEY-HORN AND ASSOCIATES, INC.
189 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801
PHONE: 407-698-1511
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

LICENSED PROFESSIONAL
KHA PROJECT 149973004
DATE 02/09/2023
SCALE AS SHOWN
DESIGNED BY AKP
DRAWN BY AKP
CHECKED BY AKP

LANDSCAPE DETAILS

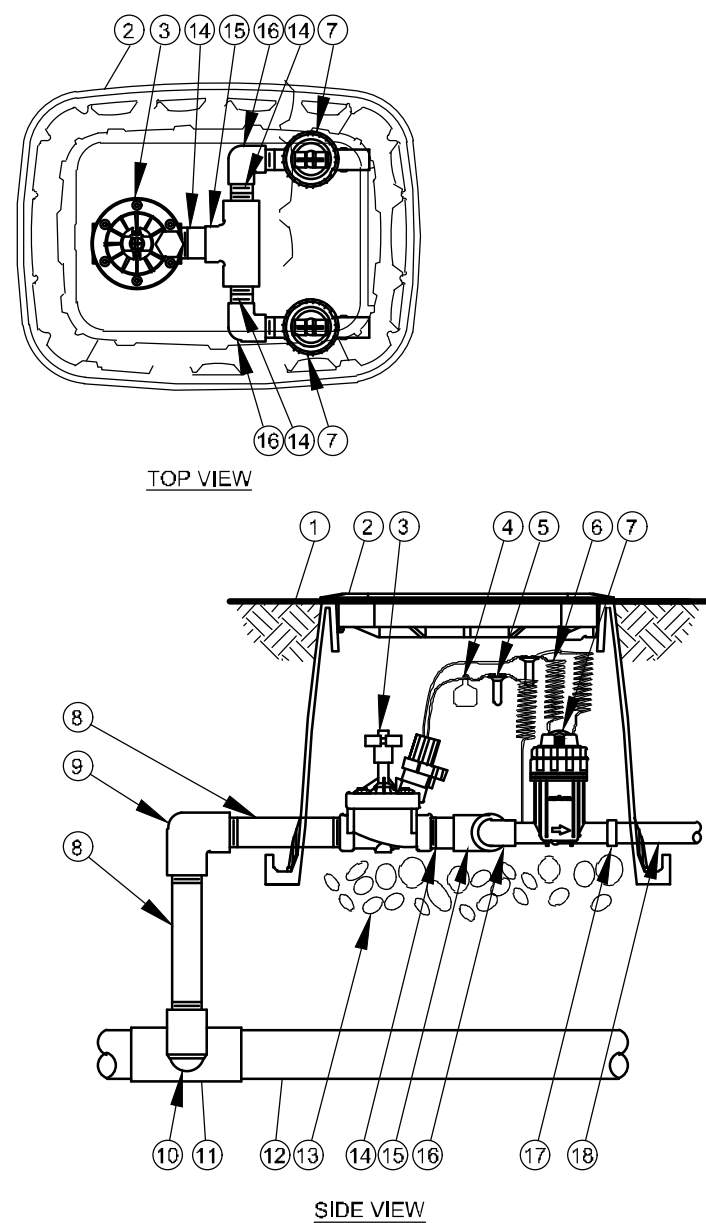
WINDERMERE DOWNTOWN PROPERTY

SHEET NUMBER **L1.50**

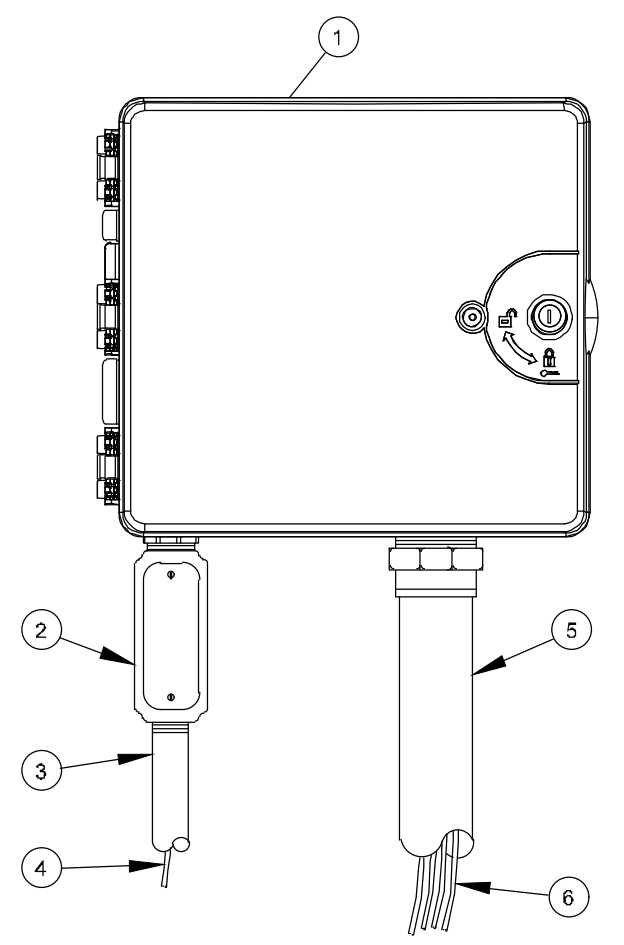
TOWN OF WINDERMERE

NO.	REVISIONS	DATE	BY

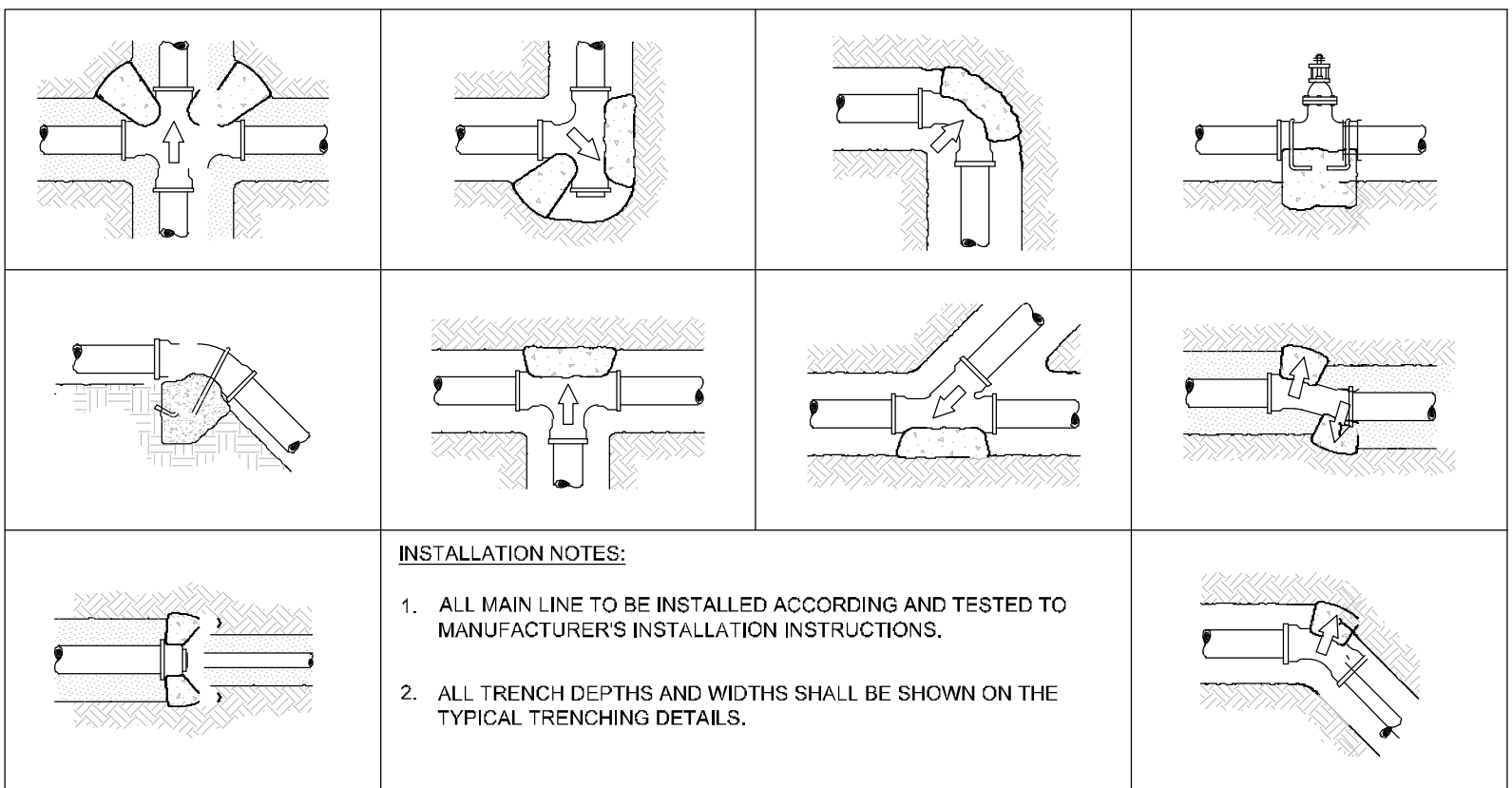
This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



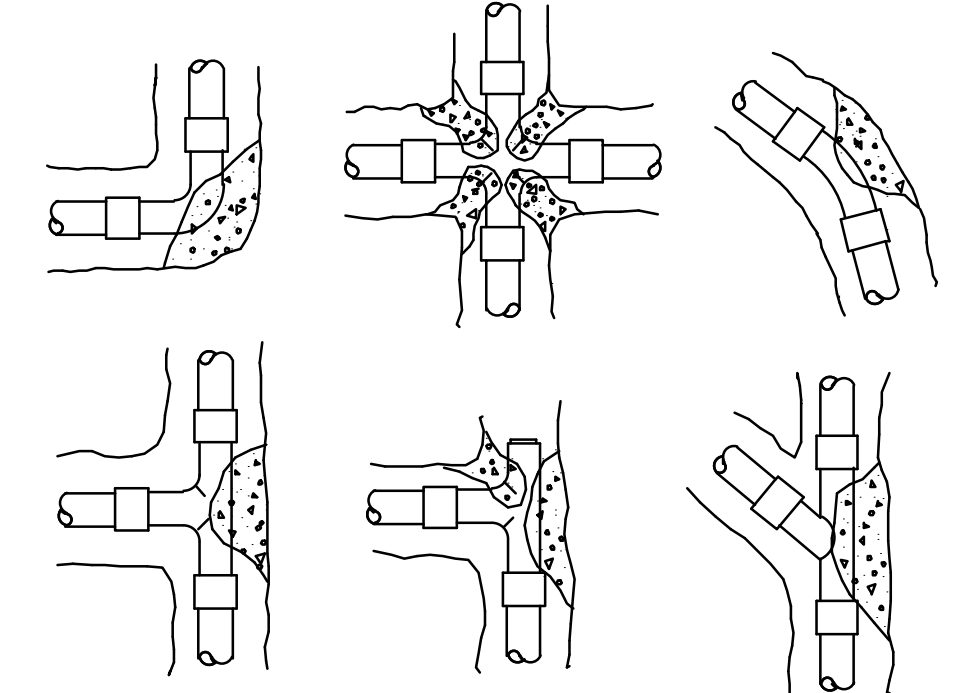
- 1 FINISH GRADE/TOP OF MULCH
- 2 VALVE BOX WITH COVER:
- 3 REMOTE CONTROL VALVE:
- 4 ID TAG
- 5 WATERPROOF CONNECTION:
- 6 30-INCH LINEAR LENGTH OF WIRE, COILED
- 7 PRESSURE REGULATING QUICK CHECK BASKET FILTER:
- 8 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- 9 PVC SCH 40 ELL
- 10 PVC SCH 80 NIPPLE (2-INCH 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 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.



- 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.



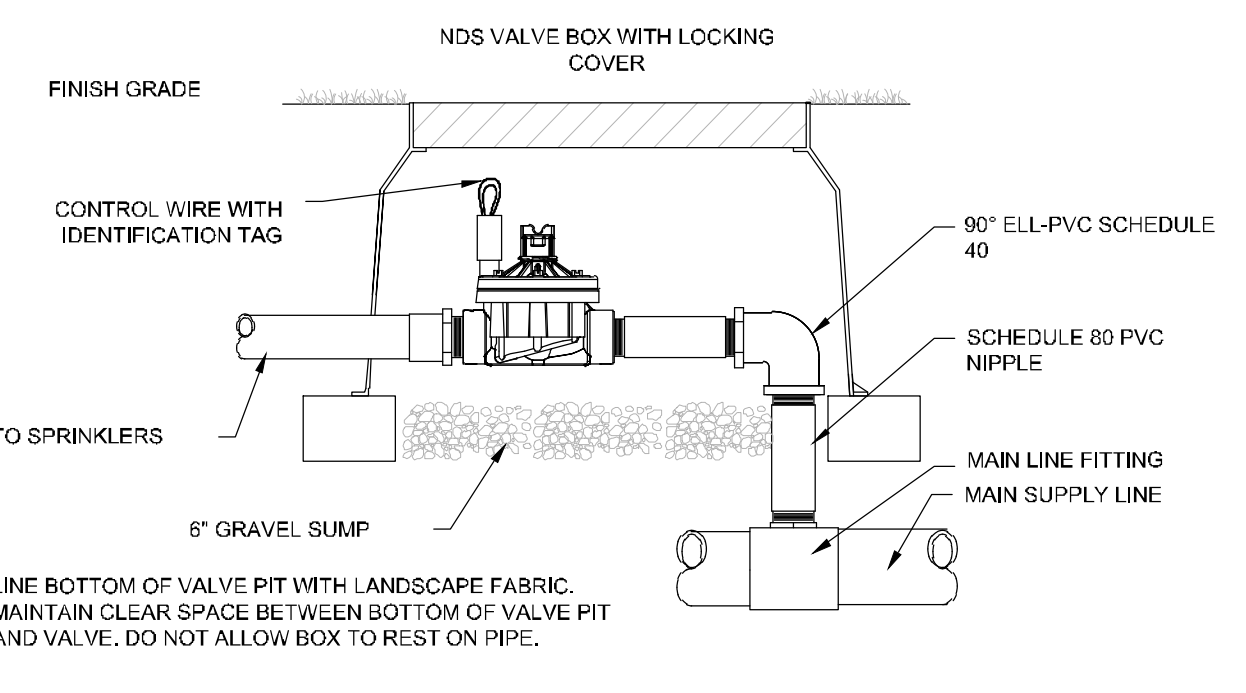
- INSTALLATION NOTES:
1. 3000 PSI CONCRETE OR BETTER IS TO BE USED FOR THRUST BLOCKS.
 2. FOR 45°/90° FITTINGS, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED.
 3. FOR 22°/12° FITTINGS, MINIMUM OF 0.5 CUBIC FEET OF CONCRETE TO BE USED.
 4. FOR TEES, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED. THRUST BLOCKS REQUIRED FOR IRRIGATION MAINLINE 2 1/2" AND LARGER.

1 COMMERCIAL CONTROL DRIP ZONE VALVE KIT SECTION / PLAN NTS

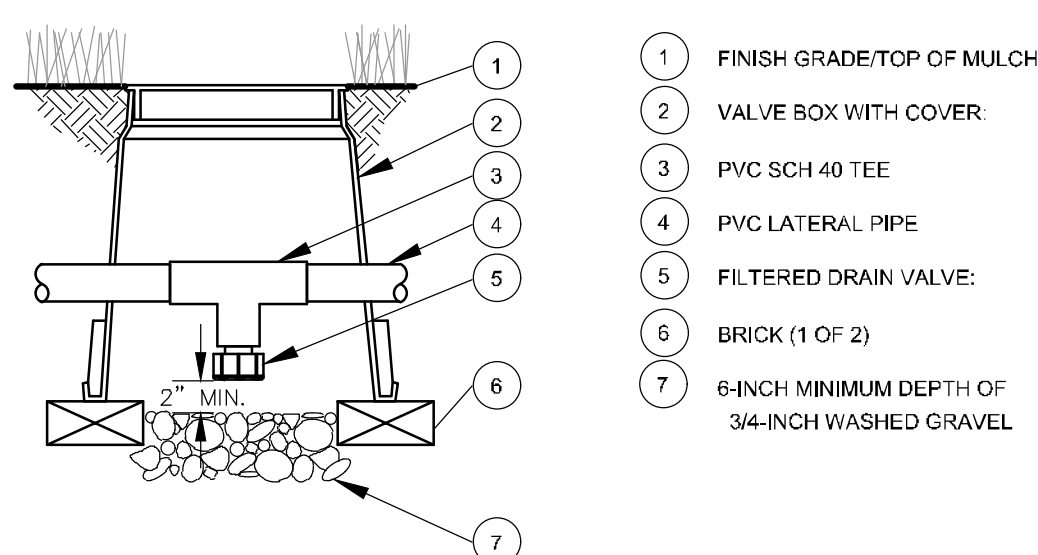
2 TYPICAL CONTROLLER ELEVATION NTS

3 TYPICAL THRUST BLOCK SECTION NTS

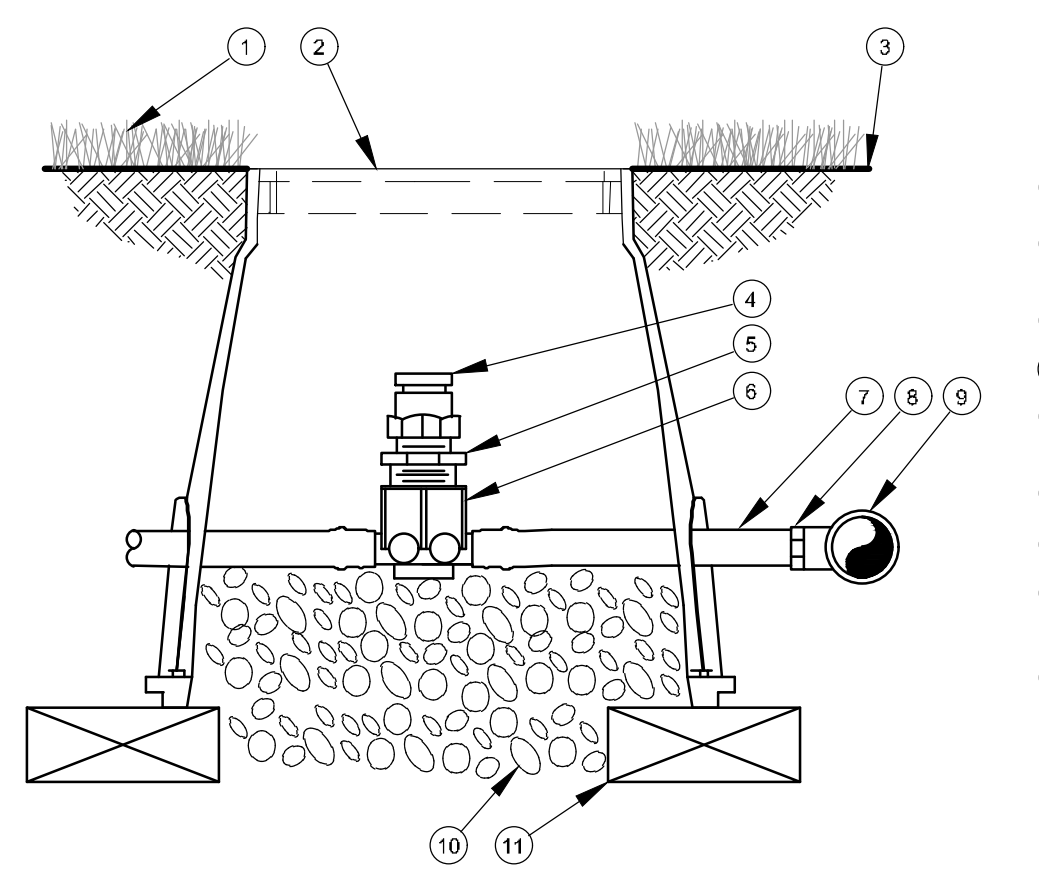
4 THRUST BLOCK REINFORCEMENT SECTION NTS



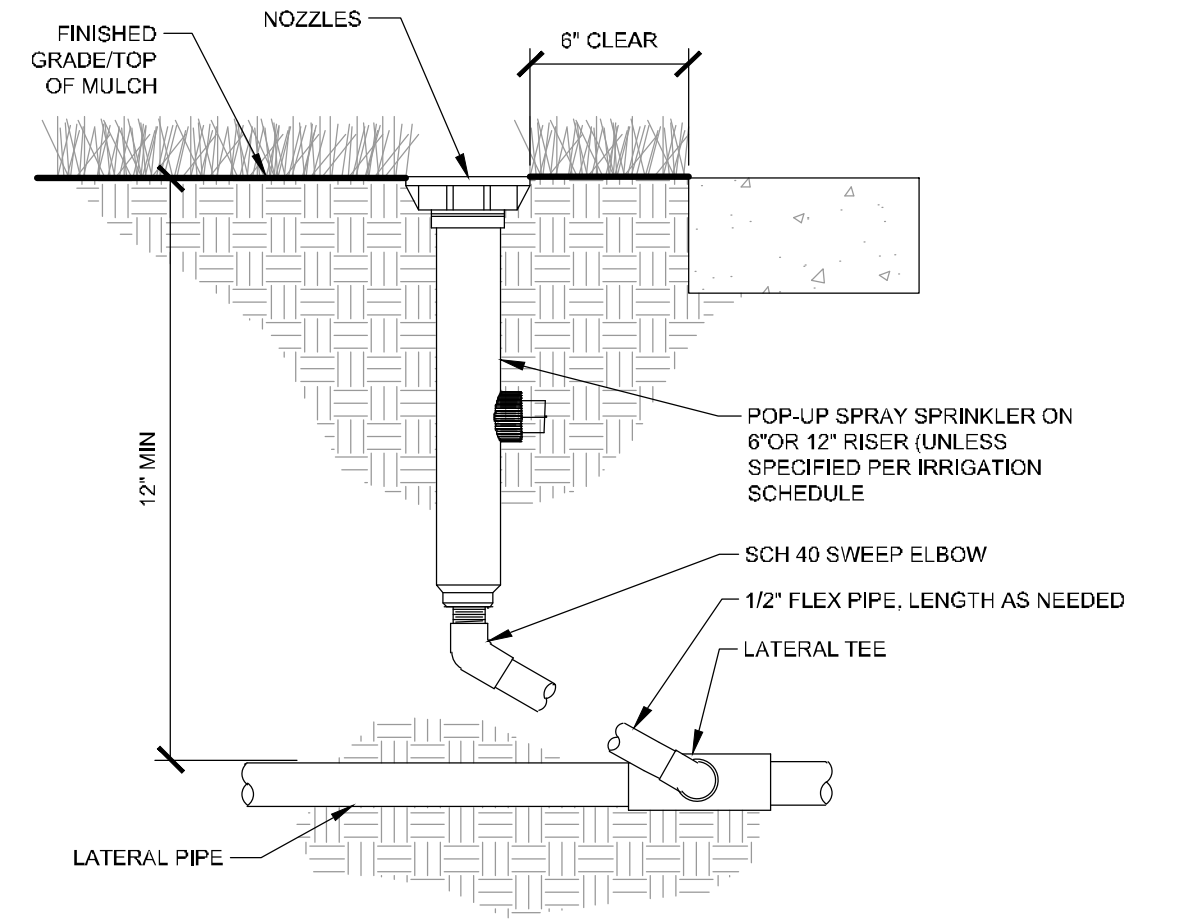
5 TYPICAL CONTROL VALVE SECTION NTS



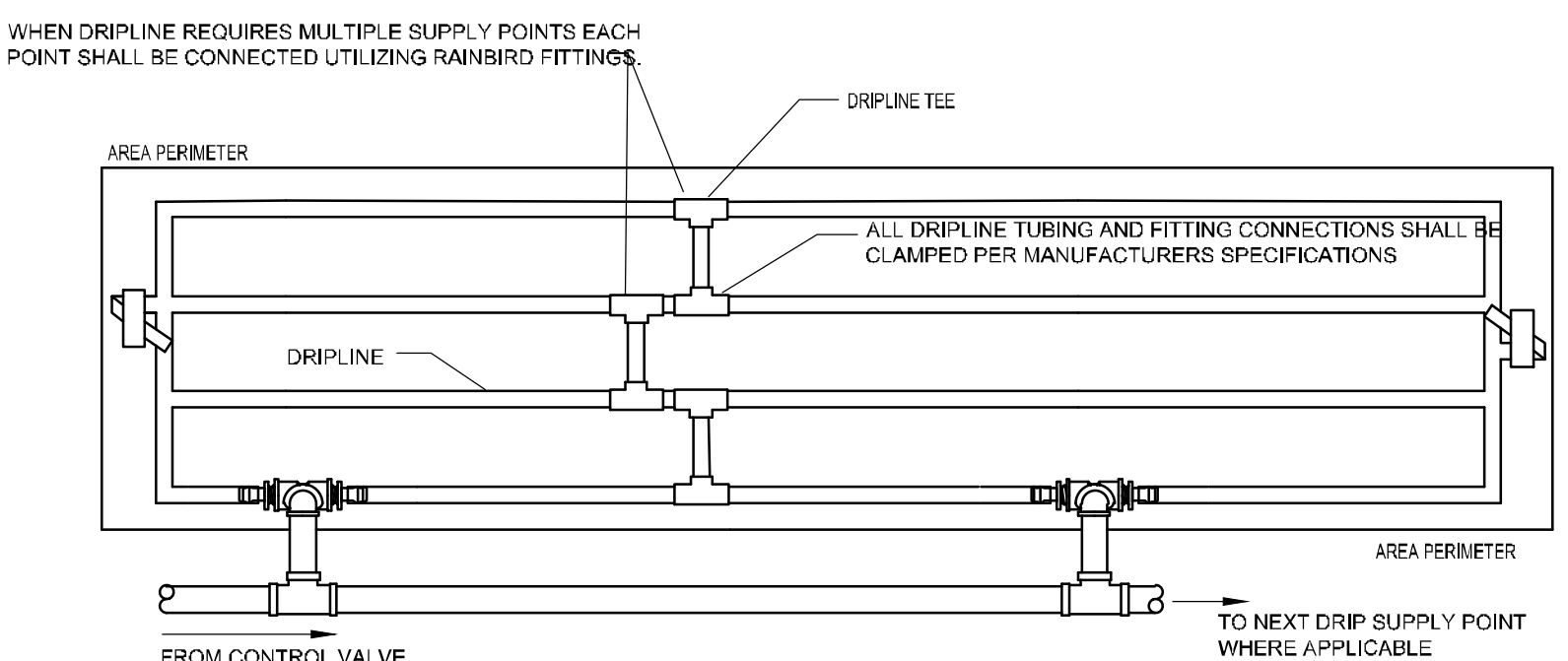
6 DRAIN VALVE SECTION NTS



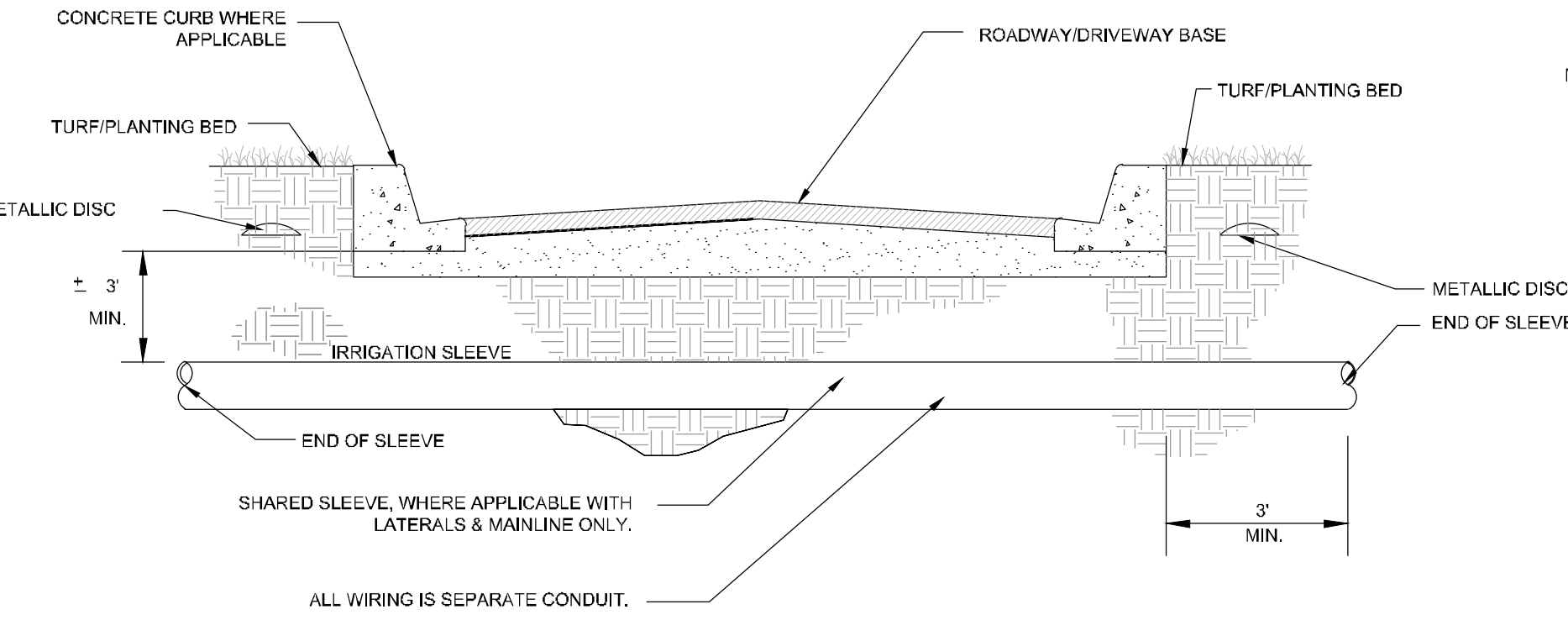
7 AIR RELIEF VALVE IN XFS DRIP LINE SECTION NTS



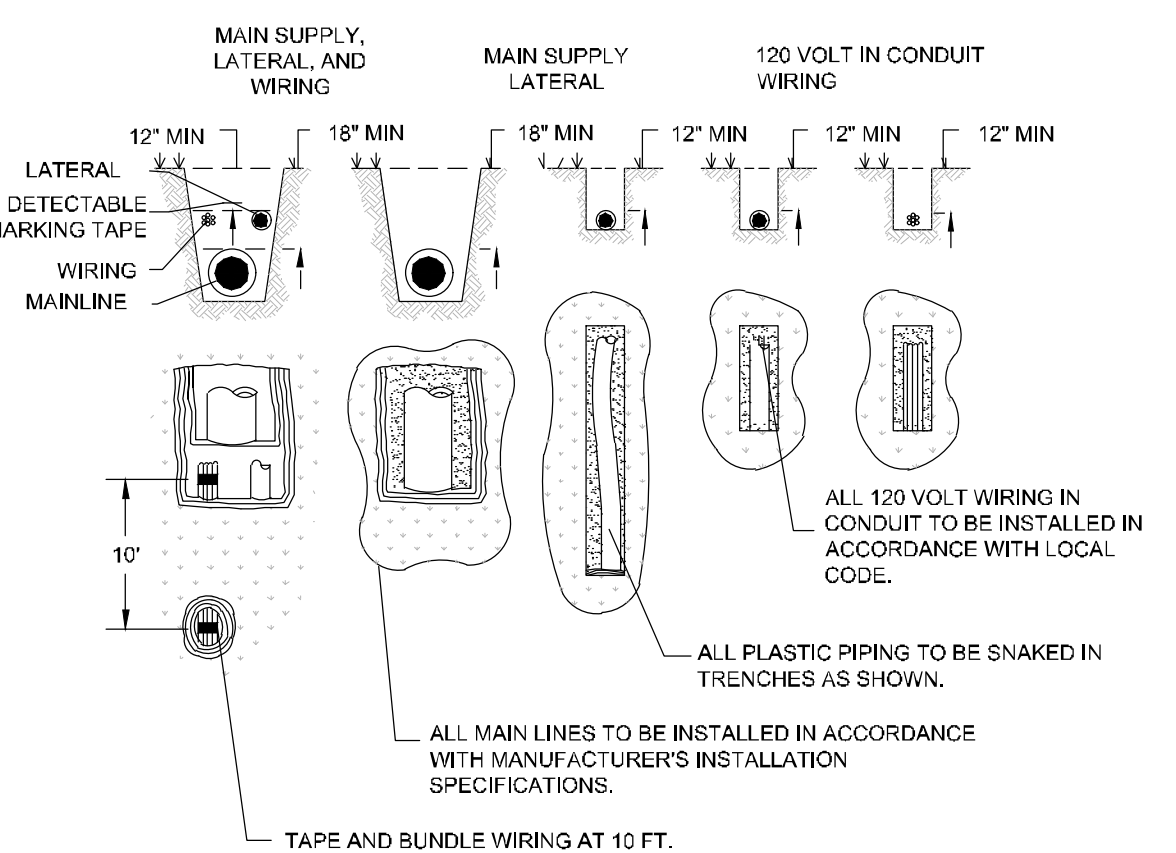
8 TYPICAL SPRAY / ROTAR HEAD SECTION NTS



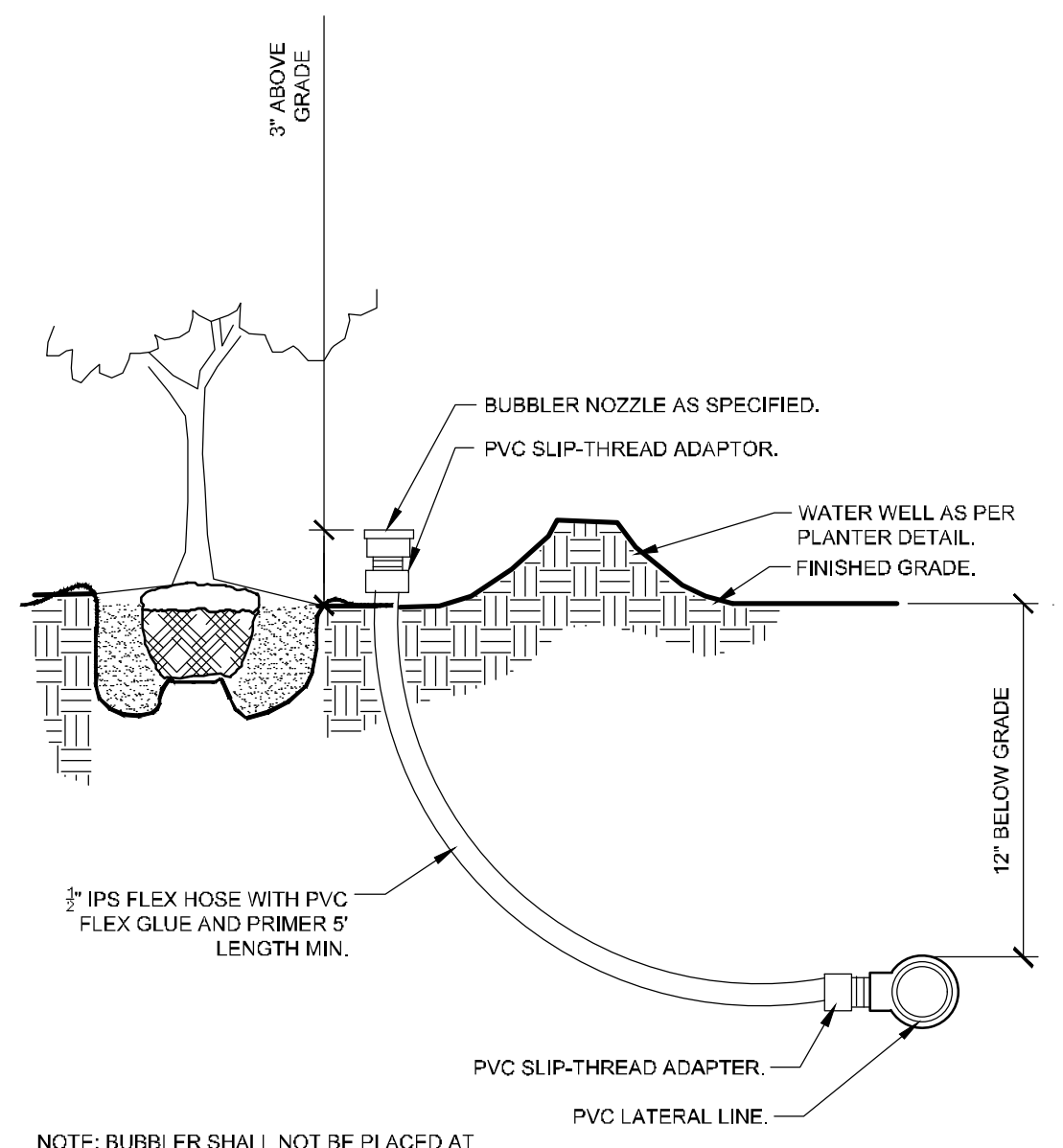
9 TYPICAL DRIP LINE PLAN NTS



10 TYPICAL SLEEVING SECTION NTS



11 TYPICAL TRENCHING SECTION / PLAN NTS



12 TYPICAL BUBBLER SECTION NTS

NO.	REVISIONS	DATE	BY

Kimley-Horn
 © 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

LICENSED PROFESSIONAL
 KHA PROJECT 149973004
 DATE 02/09/2023
 SCALE AS SHOWN
 DESIGNED BY AKP
 DRAWN BY AKP
 CHECKED BY AKP

IRRIGATION DETAILS

WINDERMERE DOWNTOWN PROPERTY

SHEET NUMBER L2.50

This document, together with the concepts and designs presented herein, is an instrument of service, is intended only for the specific purpose and client for which it was prepared, and no other use or reliance shall be placed on it without written authorization and attestation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

1 TYPICAL SCHEMATIC IRRIGATION NOTES
L2.51

IRRIGATION SYSTEM NOTES:

1. THE IRRIGATION MAINLINE LAYOUT IS DIAGRAMMATIC. ANY CHANGES MADE IN THE IRRIGATION MAINLINE DUE TO FIELD CONDITIONS OR CONTRACTOR'S SUBMITTED DESIGN SHALL BE IN ACCORDANCE WITH THESE STANDARDS.
 2. SET SPRAY HEADS 6" AND ROTORS 12" IN FROM BACK OF CURB OR 24" IF PAVEMENT HAS NO CURB.
 3. 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 OF 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.
 4. CONTRACTOR TO PROVIDE NEW AUTOMATIC CONTROLLER FOR PROPOSED SYSTEM (NO BATTERY OPERATED CONTROLLERS ALLOWED), COORDINATE LOCATION WITH OWNER.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AUTOMATIC RAIN SENSOR, COORDINATE LOCATION WITH OWNER.
 6. IRRIGATION SHALL NOT BE COMBINED ON A SINGLE ZONE AND SHALL BE ZONED ACCORDING TO IRRIGATION TYPE, PRECIPITATION RATE, AND THE SYSTEM'S AVAILABLE WATER / PRESSURE. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO OWNER FOR REVIEW PRIOR TO INSTALLATION.
 7. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL FIELD VERIFY.
 8. CONTRACTOR TO FIELD VERIFY ALL POINT OF CONNECTION SOURCE INFORMATION INCLUDING PSI AND GPM PRIOR TO CONSTRUCTION.
 9. INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON-SITE.
 10. CONTRACTOR SHALL COORDINATE WITH THE PLANTING PLAN FOR PLANTER BED AND TREE LOCATIONS TO ENSURE ALL PLANT MATERIAL IS COVERED BY 100% HEAD-TO-HEAD IRRIGATION.
 11. CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT.
 12. PRODUCTS SHALL BE AS SPECIFIED OR APPROVED EQUAL.
- PRE-APPROVED MANUFACTURERS
1. TORO
2. HUNTER
3. RAINBIRD
13. IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR. WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE JURISDICTION.
 14. LOCATE ALL IRRIGATION LINES WITHIN LANDSCAPED AREAS WHENEVER POSSIBLE. ALL LINES UNDER PAVEMENT MUST BE SLEEVED WITHIN SCH. 40 PVC 2x SIZE OF PIPE AND FREE OF STONES/DEBRIS. ALL VALVES SHALL BE LOCATED WITHIN LANDSCAPED AREAS.
 15. MAINLINE SHALL NOT BE LOCATED WITHOUT PRIOR APPROVAL OF THE OWNER'S REPRESENTATIVE.
 16. THE IRRIGATION CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE FOR SLEEVEING AND DIRECTIONAL BORES.
 17. ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF THE SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS. ALL SLEEVES ON PLAN FOR WALL PENETRATIONS AND UNDER SIDEWALKS SHALL BE SIZED TWO PIPE SIZES GREATER THAN THE PIPE IT CARRIES.
 18. ALL PRESSURIZED MAINLINES AND LATERALS UNDER PAVEMENT SHALL BE WITHIN SCH. 40 PVC SLEEVES. WHERE ELECTRIC OR HYDRAULIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT.
 19. NUMBER THE TOP OF ALL VALVE BOX LIDS WITH MINIMUM 1" HEIGHT BLACK LETTERS TO CORRESPOND TO AUTOMATIC AND GATE VALVE DESIGNATIONS. ALL HOSE BIBB VALVE BOXES SHALL BE LABELED IN A SIMILAR MANNER WITH THE DESIGNATION "HB", LETTER OUTSIDE OF TIME CLOCK CABINETS TO CORRESPOND WITH IRRIGATION CLOCK PROGRAM DESIGNATION.
 20. THE IRRIGATION CONTRACTOR SHALL INSTALL A COLOR CODED METAL DETECTABLE MARKING TAPE WHICH CLEARLY NOTES: "CAUTION: IRRIGATION LINE BURIED BELOW." THE TAPE SHALL BE INSTALLED THE FULL LENGTH OF THE IRRIGATION MAINLINE.
 21. ELECTRIC SERVICE TO THE CONTROLLER SHALL BE PROVIDED BY THE GENERAL CONTRACTOR.
 22. ALL 24 VAC WIRING FROM DECODER TO VALVE SHALL BE OF DIRECT BURIAL COPPER WIRE. MAXIMUM LENGTH OF WIRE FROM DECODER TO VALVE SHALL NOT EXCEED 400 FEET. AS FOLLOWS:
CONTROL WIRES - #14
COMMON WIRES - #14
 23. ALL VALVES, SPLICES WITHIN CONTROL LINES, AND QUICK COUPLERS SHALL BE LOCATED WITHIN VDS VALVE BOXES AS FOLLOWS:
-RECTANGULAR 12"x17" HEAVY DUTY BOX. (PURPLE COVER FOR REUSE TO BE PROVIDED WHERE APPROPRIATE).
 24. ALL IRRIGATION HEADS/DRIP TUBING SHALL BE LOCATED ONE (1) FOOT FROM BACK OF CURB WHEN NEXT TO A ROADWAY. (THIS SHALL NOT INCLUDE PARKING AREAS OR DRIVE AISLES).
 25. HEADS, LATERALS, EMITTERS, AND VALVES ARE NOT SHOWN, BUT ARE NECESSARY FOR A FULLY FUNCTIONING IRRIGATION SYSTEM.
 26. LOCATE ALL VALVES IN PLANTING BEDS WITH A MINIMUM OF 3'-0" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. PIPE SIZES ON EITHER SIDE OF SECTION VALVES CONNECTING MAINLINE TO SECTION LATERAL SHALL BE ONE (1) PIPE SIZE LARGER THAN VALVE SIZE. WHERE MAINLINES RUN PARALLEL TO PAVEMENT OR CURBSING, THE MAINLINE SHALL BE OFFSET 2'-0" FROM THE EDGE OF PAVEMENT OR CURB.
 27. IRRIGATION ZONES SHALL BE SEPARATED FOR HIGH AND LOW WATER USE REQUIREMENTS AND OPERATED ON DIFFERENT WATERING CYCLES. BUBBLERS, DRIPLINE, AND SPRAY HEADS SHALL BE SEPARATED ON DIFFERENT VALVES. AT NO TIME SHALL MULTIPLE IRRIGATION HEAD TYPES BE LOCATED ON THE SAME VALVE.
 28. ALL DRIP ZONES SHALL BE INSTALLED WITH A FLUSH VALVE AND AIR RELIEF VALVE. IN THE EVENT THAT A DRIP ZONE HAS MORE THAN ONE HIGH OR LOW POINT, MORE THAN ONE AIR RELIEF VALVE OR FLUSH VALVE WILL BE REQUIRED FOR THAT ZONE. DRIPLINE SHALL PROVIDE 0.9 GPH EMITTERS, 12" O.C. WITH 12" LINE SPACING AT A MINIMUM.
 29. ALL WIRING FOR CONNECTION OF THE VALVES TO THE CONTROLLER SHALL FOLLOW MANUFACTURERS SPECIFICATIONS. IF REQUIRED, ALL WIRING FOR A TWO WIRE PATH SHALL BE WITH RED/BLUE TWISTED PAIR 14 AWG. ELECTRIC CONTROL LINES FROM THE DECODER TO THE SOLENOID VALVES SHALL BE TWISTED PAIR 18 AWG. ALL DECODERS SHALL BE GROUNDED EVERY 1,000 L.F. OR EVERY 10 DEVICES. ALL WIRE SHALL BE FURNISHED IN MINIMUM 2,500' REELS AND SPlicing SHALL BE MINIMIZED. BURY SPlice KIT. ALL 24 VOLT WIRING SHALL BE DONE IN ACCORDANCE WITH EXISTING CODES. SPlicing SHALL BE IN VALVE BOXES OR CONTROLLERS ONLY. IRRIGATION SYSTEM CONTROL SHALL BE TWO WIRE PATH. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S REQUIREMENTS FOR THIS INSTALLATION. TWO WIRE SYSTEM SHALL HAVE 2-WAY COMMUNICATIONS FIELD PROGRAMMABILITY, STATION SPECIFICATIONS AND INTEGRATED SURGE PROTECTION.
 30. ALL CONTROL WIRE SHALL BE INSTALLED IN A 1 1/2" ELECTRICAL CONDUIT.
 31. SMALLEST DIAMETER LATERAL PIPE SHALL BE 3/4".
 32. IRRIGATION SYSTEM SHALL BE CAPABLE OF SUPPLYING AN AVERAGE OF 1.05" OF WATER PER WEEK WITHIN WATERING RESTRICTIONS AS APPLICABLE.
 33. IRRIGATION SYSTEM SHALL NOT BE INSTALLED THROUGH EXISTING, OR PRESERVED PLANT COMMUNITIES. DO NOT TRENCH THROUGH EXISTING ROOT SYSTEMS OF ANY VEGETATION INTENDED TO BE PRESERVED.
 34. CONTRACTOR TO MINIMIZE IRRIGATION OVERTHROW TO IMPERVIOUS AND NATURAL AREAS THROUGH FIELD ADJUSTMENTS TO INDIVIDUAL HEADS.
 35. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THE CONDITION DENOTED ON THE LANDSCAPE PLAN.
 36. IRRIGATION PIPING INSTALLED UNDER ROADS AND SIDEWALKS SHALL BE IN SCHEDULE 40 PVC SLEEVEING AT 2X THE PIPE SIZE. ALL SLEEVEING SHALL BE FREE OF STONES AND DEBRIS.
 37. IRRIGATION SOURCE TO BE EITHER WELL, POTABLE, OR NON-POTABLE WATER. IRRIGATION CONTRACTOR TO VERIFY SOURCE PRIOR TO DESIGN.
 38. POINT OF CONNECTION TO BE DETERMINED BY OWNER. IRRIGATION SYSTEM CONNECTIONS TO THE LOCAL JURISDICTION SERVICE SHALL COMPLY WITH ALL APPLICABLE CODES.
 39. IRRIGATION CONNECTION MAY REQUIRE BACKFLOW PREVENTION, VERIFY WITH LOCAL JURISDICTION.
 40. IRRIGATION SYSTEM SHALL COMPLY WITH THE LOCAL JURISDICTION LAND DEVELOPMENT CODE.

No.	REVISIONS	DATE	BY

© 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

KHA PROJECT 149973004	LICENSED PROFESSIONAL			
	MARCUS J. CEIGER, P.E.			
	DATE: 02/09/2023			
	FL LICENSE NUMBER: 89199			
SCALE: AS SHOWN	DESIGNED BY: AKP	DRAWN BY: AKP	CHECKED BY: AKP	DATE: 5/3/2023

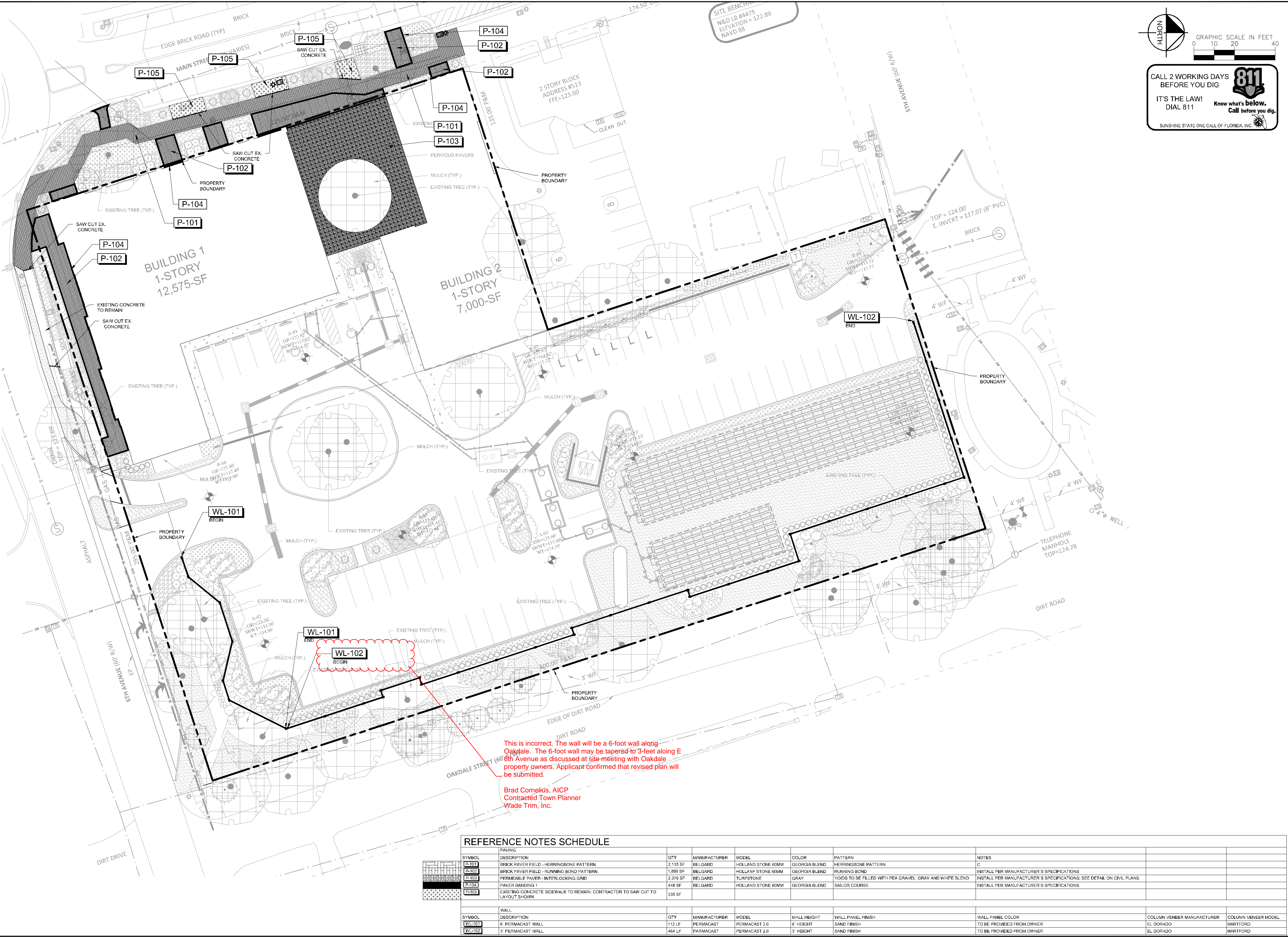
IRRIGATION SPECIFICATIONS

WINDERMERE DOWNTOWN PROPERTY

TOWN OF WINDERMERE FL

SHEET NUMBER L2.51

Plotted By: Ceiler, Marcus Sheet: Sct: Windermere Downtown Property Layout: L3.01 May 03, 2023 06:23:06pm K:\GBL_Civil\149973004-Windermere Downtown Property\CADD\CONSTR\PlanSheets\L3.00 - HARDSCAPE PLAN.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. Release of and improper reliance on this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NORTH
 GRAPHIC SCALE IN FEET
 0 10 20 40
CALL 2 WORKING DAYS BEFORE YOU DIG
811
 IT'S THE LAW! DIAL 811
 Know what's below. Call before you dig.
 SUNSHINE STATE ONE CALL OF FLORIDA, INC.

This is incorrect. The wall will be a 6-foot wall along Oakdale. The 6-foot wall may be tapered to 3-feet along E 8th Avenue as discussed at site meeting with Oakdale property owners. Applicant confirmed that revised plan will be submitted.
 Brad Cornelius, AICP
 Contracted Town Planner
 Wade Trim, Inc.

REFERENCE NOTES SCHEDULE

PARKING		QTY	MANUFACTURER	MODEL	COLOR	PATTERN	NOTES		
	BRICK PAVER FIELD - HERRINGBONE PATTERN	2,115 SF	BELGARD	HOLLAND STONE 60MM	GEORGIA BLEND	HERRINGBONE PATTERN			
	BRICK PAVER FIELD - RUNNING BOND PATTERN	1,889 SF	BELGARD	HOLLAND STONE 60MM	GEORGIA BLEND	RUNNING BOND	INSTALL PER MANUFACTURER'S SPECIFICATIONS		
	PERMEABLE PAVER - INTERLOCKING GRID	2,376 SF	BELGARD	TURFSTONE	GRAY	VOIDS TO BE FILLED WITH PEA GRAVEL, GRAY AND WHITE BLEND	INSTALL PER MANUFACTURER'S SPECIFICATIONS; SEE DETAIL ON CIVIL PLANS		
	PAVER BANDING 1	448 SF	BELGARD	HOLLAND STONE 60MM	GEORGIA BLEND	SAILOR COURSE	INSTALL PER MANUFACTURER'S SPECIFICATIONS		
	EXISTING CONCRETE SIDEWALK TO REMAIN; CONTRACTOR TO SAW CUT TO LAYOUT SHOWN	335 SF							
WALL		QTY	MANUFACTURER	MODEL	WALL HEIGHT	WALL PANEL FINISH	WALL PANEL COLOR	COLUMN VENEER MANUFACTURER	COLUMN VENEER MODEL
	6 PERMACAST WALL	112 LF	PERMACAST	PERMACAST 2.0	6' HEIGHT	SAND FINISH	TO BE PROVIDED FROM OWNER	EL DORADO	HARTFORD
	3' PERMACAST WALL	464 LF	PERMACAST	PERMACAST 2.0	3' HEIGHT	SAND FINISH	TO BE PROVIDED FROM OWNER	EL DORADO	HARTFORD

Kimley»Horn
 LICENSED PROFESSIONAL
 KHA PROJECT 149973004
 DATE 02/09/2023
 SCALE AS SHOWN
 DESIGNED BY AKP
 DRAWN BY AKP
 CHECKED BY AKP
 DATE: _____
 REVISIONS: _____
 BY: _____
 DATE: _____
WINDERMERE DOWNTOWN PROPERTY
 SHEET NUMBER **L3.01**
 TOWN OF WINDERMERE, FL