

SECTION NO(S): 86028000
S.R. NO.(S): 834
COUNTY: Broward
PERMIT NO.: 20-L-491-000009

**DISTRICT FOUR (4) AMENDMENT NUMBER TWENTY (20) TO STATE
OF FLORIDA DEPARTMENT OF TRANSPORTATION INCLUSIVE LANDSCAPE
MAINTENANCE MEMORANDUM OF AGREEMENT**

This is Amendment Number Twenty (20) to the Agreement dated December 5, 2007, made and entered into this _____ day of _____ 20____ by and between the State of Florida Department of Transportation hereinafter called the “**DEPARTMENT**” and the **CITY OF POMPANO BEACH**, a municipal corporation of the State of Florida, hereinafter called the “**AGENCY**”.

WHEREAS, the parties entered into the Inclusive Landscape Maintenance Memorandum of Agreement dated December 5, 2007 for the purpose of maintaining the landscape improvements by the AGENCY on various State Road(s) including State Road 834 (Sample Road); and

WHEREAS, the DEPARTMENT and the AGENCY have agreed to add additional landscape improvements to be installed on State Road 834 (Sample Road) in accordance with the above referenced Agreement; and

NOW THEREFORE, for and in consideration of mutual benefits that flow each to the other, the parties covenant and agree as follows:

1. Pursuant to paragraph 1, page 1 of the Amendment Number Six (6) Landscape Inclusive Maintenance Memorandum of Agreement dated August 9, 2013, the DEPARTMENT will allow an adjacent property owner to construct additional landscape improvements or to modify and improvement located as indicated in **Exhibit “A”**, State Road 834 (Sample Road) from M.P. 5.423 to M.P. 5.598, in accordance with the plans attached as **Exhibit “B”**.
2. The AGENCY shall agree to maintain the additional landscape improvements in the Agreement described above according to **Exhibit “F”** Maintenance Plan, of the original agreement, and as follows:

II. SPECIFIC PROJECT SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS:

The existing Gumbo Limbo trees and the proposed Live Oak trees shall be allowed to grow to mature height. Routine pruning and trimming may be required at regular intervals on a yearly basis to maintain the health, visibility into the site and the price sign without impairing the health, structure, and integrity of the trees.

Except as modified by this Amendment, all terms and conditions of the AGREEMENT shall remain in full force and effect.

LIST OF EXHIBITS

Exhibit A - Landscape Improvements Maintenance Boundaries
Exhibit B – Landscape Improvement Plan

In Witness whereof, the parties hereto have executed with this Amendment effective the _____ day _____ year written and approved.

CITY OF POMPANO BEACH

By: _____
Chairperson/Mayor/Manager

Attest: _____ (SEAL)
Clerk

Legal Review Date

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

By: _____
Transportation Development Director

Attest: _____ (SEAL)
Executive Secretary

Legal Review Date

Office of the General Counsel _____

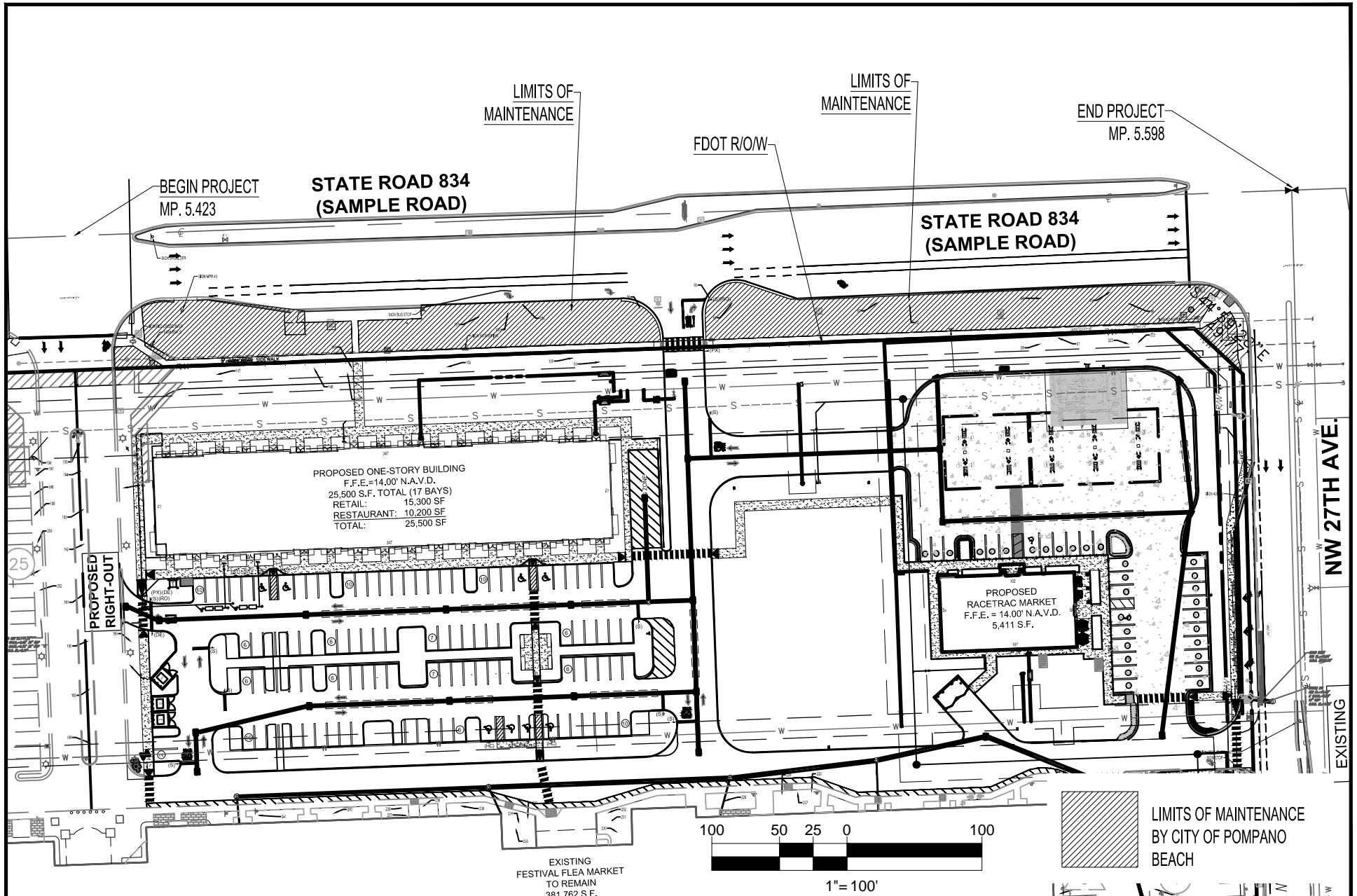
SECTION NO(S): 86028000
S.R. NO.(S): 834
COUNTY: Broward
PERMIT NO.: 20-L-491-000009

EXHIBIT A

**LANDSCAPE IMPROVEMENTS
MAINTENANCE BOUNDARIES**

- I. PERMIT PROJECT LANDSCAPE IMPROVEMENTS MAINTENANCE LIMITS:
State Road 834 (Sample Road) from M.P. 5.423 to M.P. 5.598
- II. INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT LIMITS FOR STATE ROAD 834 (Sample Road):
State Road 834 (Sample Road) from M.P. 5.030 (Turnpike) to M.P. 9.481 (State Road 5)
- III. LANDSCAPE IMPROVEMENTS MAINTENANCE BOUNDARY LIMITS MAP:

Please See Attached

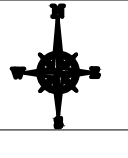


PROJECT: FESTIVAL MARKETPLACE	
2700/2800 SAMPLE ROAD, POMPANO BEACH, FL	
PROJECT NO: F190044	DATE: 11/12/2020
PREPARED BY: MDG	SCALE: 1" = 100'
FDOT LANDSCAPE PERMIT NO.:	2019-L-491-00009

**LANDSCAPE IMPROVEMENT
MAINTENANCE BOUNDARY
MAP**

THOMAS
ENGINEERING GROUP

6300 NW 31ST AVENUE, FT. LAUDERDALE, FL 33309 - TEL: (954)202-7000



SECTION NO(S): 86028000
S.R. NO.(S): 834
COUNTY: Broward
PERMIT NO.: 20-L-491-000009

EXHIBIT B

LANDSCAPE IMPROVEMENT PLANS

The AGENCY agrees to install the landscape improvements in accordance with the plans and specifications attached hereto and incorporated herein.

Please see attached plans prepared by:

Michael D. Grosswirth, RLA
Thomas Engineering Group

Sheets L-1.0, 1.2 & 1.2
L-2.0, 2.1, 2.2, 2.3 & 2.4
L-3.0, 3.1, 3.2 & 3.3

Date: October 30, 2020

REVISIONS			
REV.	DATE	COMMENT	BY

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FDOT PERMIT

PROJECT No.: F190044
DRAWN BY: JIV
CHECKED BY: MDG
DATE: 05-23-19
CAD I.D.: F190044 - TREE DISPOSITION

PROJECT:
**FESTIVAL MARKETPLACE
POMPAÑO BEACH, FL**

FOR

URBN DESIGN
696 NE 125TH STREET
NORTH MIAMI, FL 33415

IT IS REQUIRED TO HAVE A
PRE-CONSTRUCTION MEETING WITH THE
URBAN FORESTRY STAFF PRIOR TO
COMMENCEMENT OF ANY LANDSCAPE
WORK OR SITE WORK AFFECTING EXISTING
TREES. CONTACT WADE COLLUM AT
954-545-7766 or wade.collum@copbfl.com

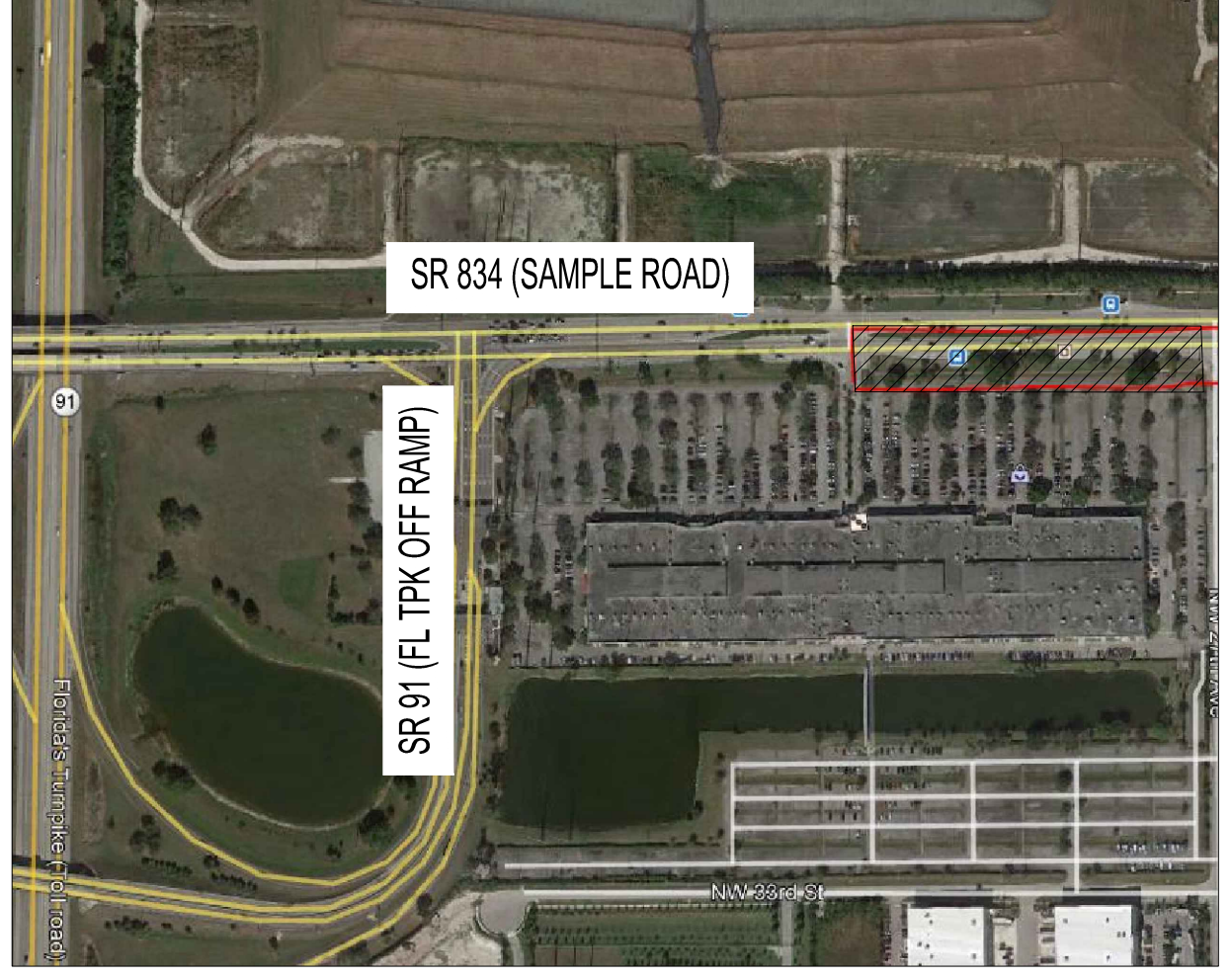
THOMAS
ENGINEERING GROUP

6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL D. GROSSWIRTH
REGISTERED LANDSCAPE ARCHITECT
LA 6866871
October 30, 2020
FLORIDA BUSINESS REGISTRATION NO. 27528

SHEET TITLE:
**TREE DISPOSITION
PLAN - RETAIL
BUILDING**

SHEET NUMBER:
L-1.0



PLAN KEY (NTS)

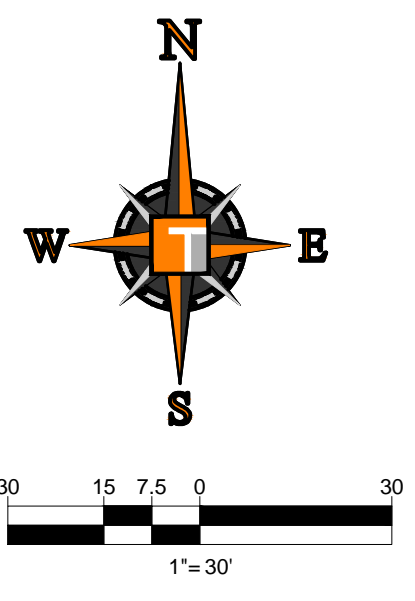
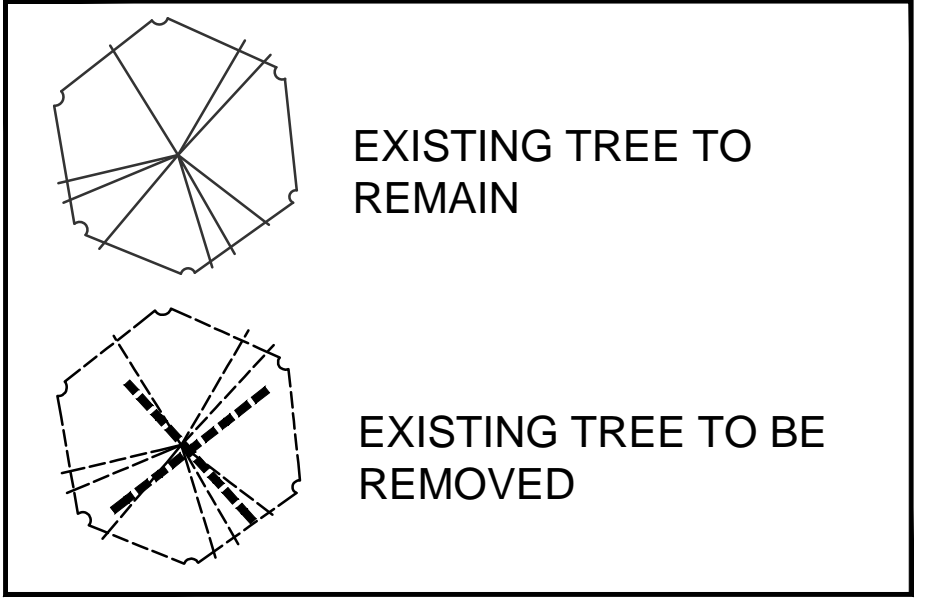
TREES TO BE REMOVED SHALL BE CUT DOWN TO THE STUMP 12-16" ABOVE GRADE). APPLY POTASSIUM NITRATE BASED PRODUCT (TBD) TO REMAINING STUMP TO INITIATE ROTTING OF THE STUMP FOR REMOVAL. SUBMIT PRODUCT SPECIFICATION TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL BY THE CITY OF POMPAÑO BEACH URBAN FORESTER.

ALL TREE WORK TO BE PERFORMED
BY A BROWARD COUNTY REGISTERED
TREE TRIMMER.

PLEASE SEE SHEET L-1.1 FOR TREE
DISPOSITION CHART

UNLESS OTHERWISE SPECIFIED, ALL EXISTING HEDGES,
SHRUBS AND GROUND COVERS WITHIN THE SCOPE OF
WORK AREA AREA TO BE REMOVED.

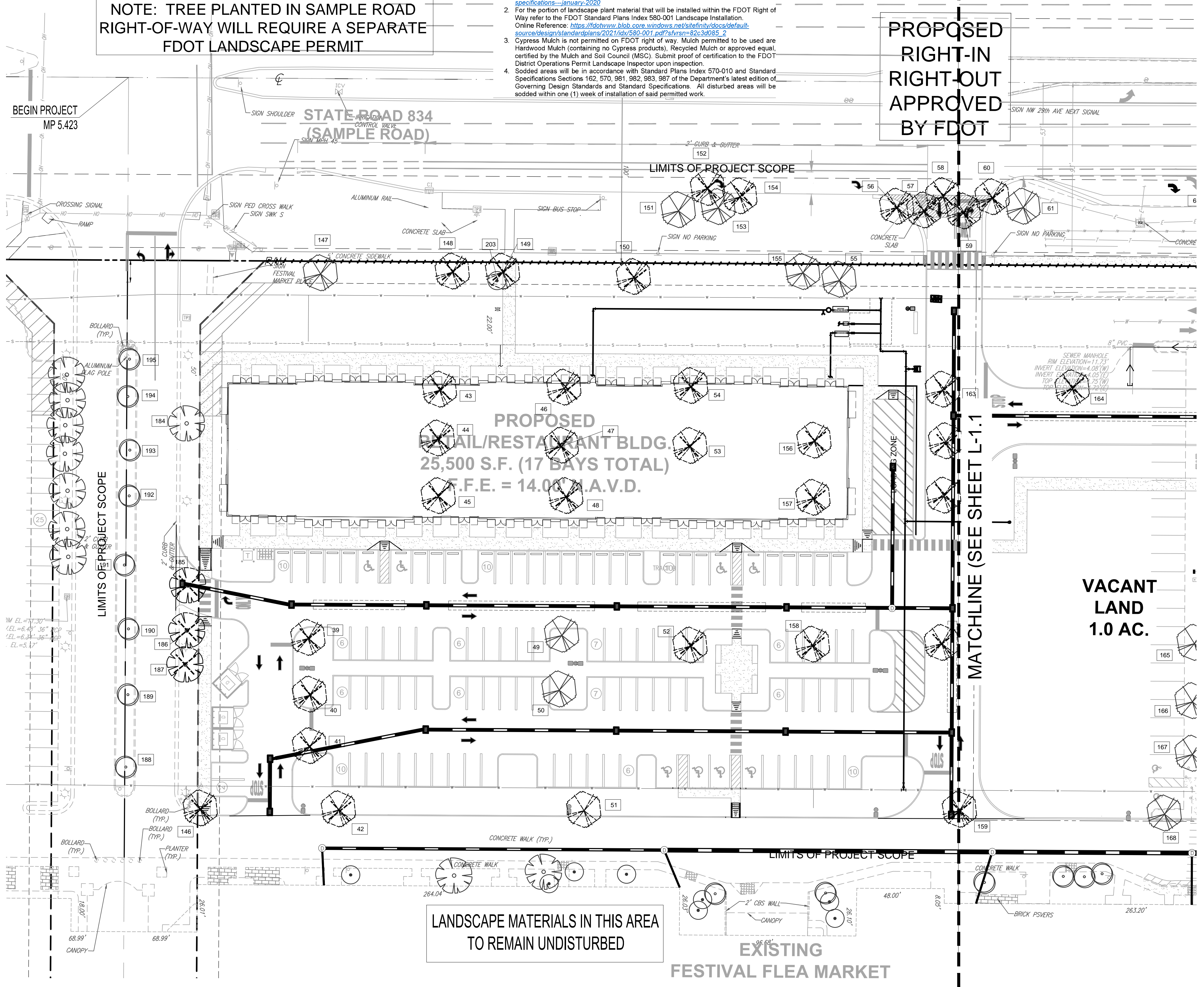
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DESIGN SPEED = 45 MPH
FDOT LANDSCAPE PERMIT #2020-L-491-00009

- FDOT PLANTING NOTES**
- For the portion of landscape plant material that will be installed within the FDOT Right of Way, landscape installation shall comply with current applicable FDOT Maintenance Specification 580. Online Reference: <https://www.fdot.gov/programmanagement/maintenance/2019-jan/maintenance-specifications-january-2020>
 - For the portion of landscape plant material that will be installed within the FDOT Right of Way refer to the FDOT Standard Plans Index 580-001 Landscape Installation. Online Reference: <https://dotclearing.blob.core.windows.net/infocps/default-source/designstandards/2021/580-001.pdf?st=82c3d882>
 - Cypress Mulch is not permitted on FDOT right of way. Mulch permitted to be used are Hardwood Mulch (containing no Cypress products), Recycled Mulch or approved equal, certified by the Mulch and Soil Council (MSC). Submit proof of certification to the FDOT District Operations Permit Landscape Inspector upon inspection.
 - Sodded areas will be in accordance with Standard Plans Index 570-010 and Standard Specifications Sections 162, 570, 981, 982, 983, 987 of the Department's latest edition of Governing Design Standards and Standard Specifications. All disturbed areas will be sodded within one (1) week of installation of said permitted work.

**PROPOSED
RIGHT-IN
RIGHT-OUT
APPROVED
BY FDOT**



**NOTE: TREE PLANTED IN SAMPLE ROAD
RIGHT-OF-WAY WILL REQUIRE A SEPARATE
FDOT LANDSCAPE PERMIT**

BEGIN PROJECT
MP 5.423

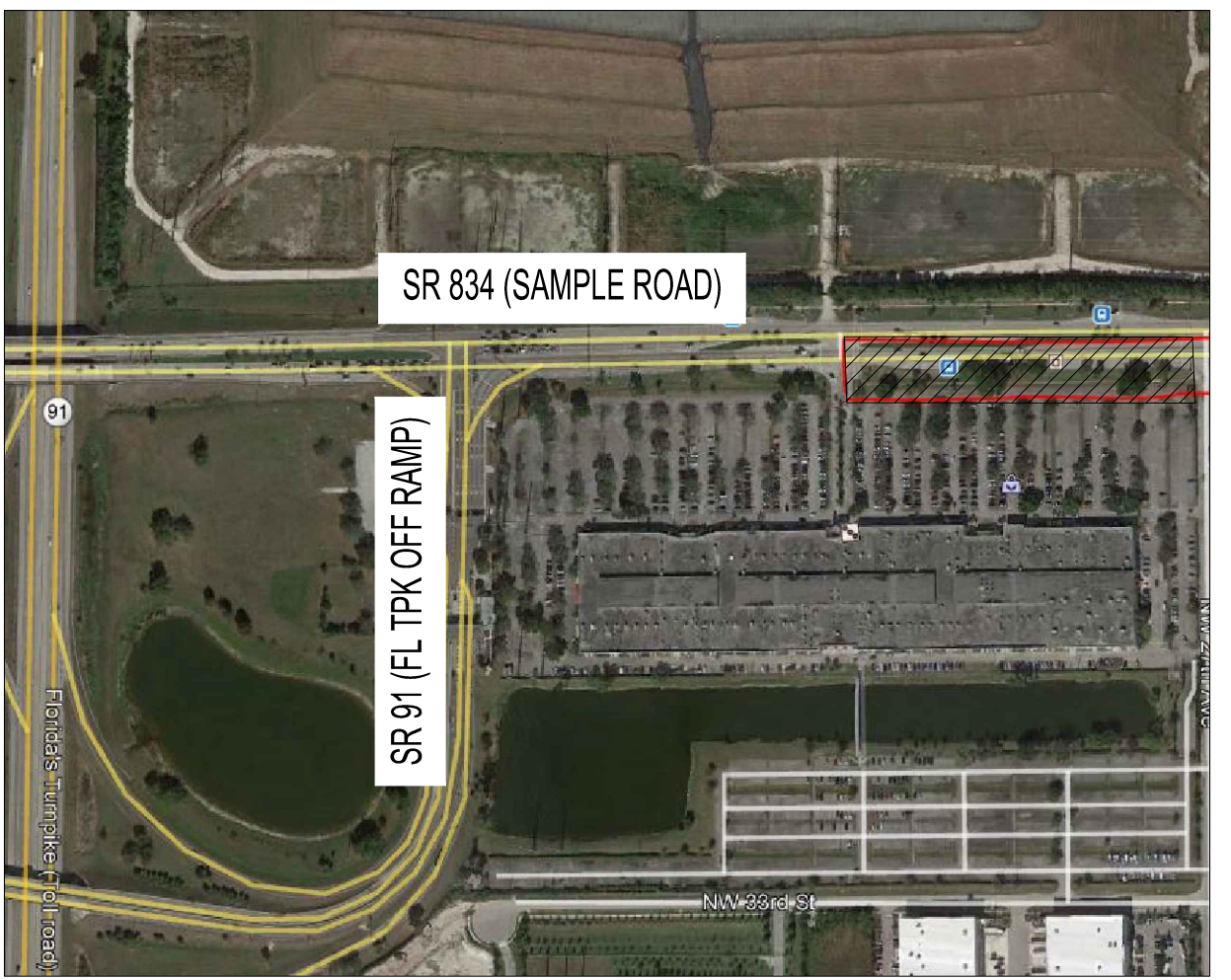
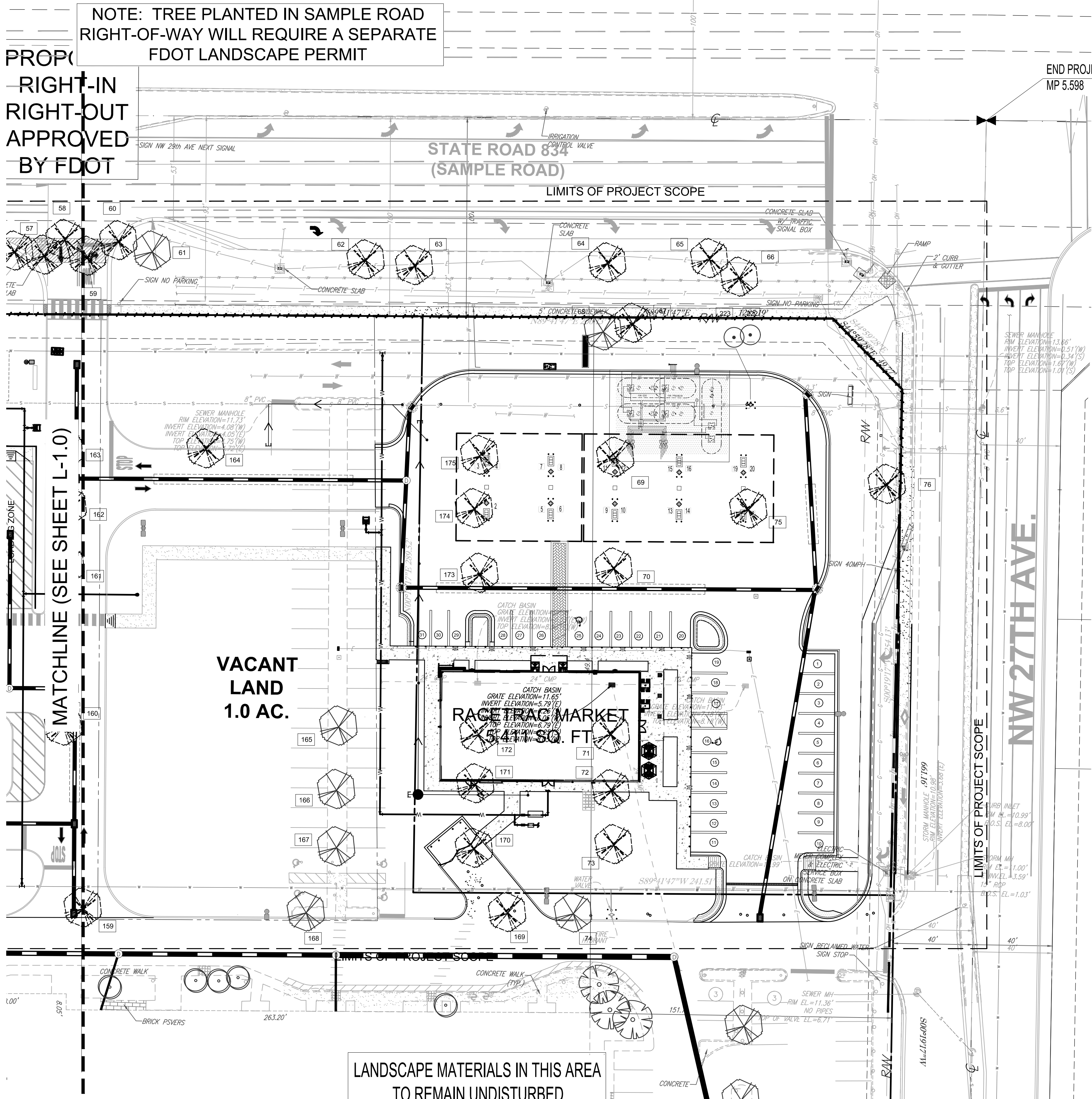
1" W. EL. = 1.37'
1/2" E.L. = 6.49' 36"
1/4" E.L. = 6.04' 36"
E.L. = 5.17'

LANDSCAPE MATERIALS IN THIS AREA
TO REMAIN UNDISTURBED

**NOTE: SEVERAL TREES SCHEDULED TO REMAIN MAY
REQUIRE STRUCTURAL BRACING, CABLING AND CROWN
REDUCTION TO IMPROVE STABILITY AND INTEGRITY OF
THE TREE. WORK SHALL BE PERFORMED, IF NECESSARY,
BY AN BOARD CERTIFIED MASTER ARBORIST.**

**NOTE: TREES SCHEDULED TO REMAIN WHICH EXIST
ADJACENT TO INTERIOR DRIVE AISLES, SHALL BE ROOT
PRUNED AS NEEDED UNDER THE SUPERVISION OF AN ISA
CERTIFIED ARBORIST AND IN ACCORDANCE WITH DETAIL
ON SHEET L-1.2**

- FDOT GENERAL NOTES**
- GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY 2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs)
website: <https://www.fdot.gov/design/standardplans>
 - GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, January 2020 Standard Specifications for Road and Bridge Construction.
website: <https://www.fdot.gov/programmanagement/implemented/specbooks>
 - Contractor shall repair all damage done to FDOT property during demolition, relocation &/or installation activities at his sole expense.
 - Any plant material substitution within or impacting the FDOT Right of Way whether requested by the Contractor, Owner, Landscape Architect or other will need to get approval from the FDOT District Landscape Architect.
 - Ownership of all suitable excavated materials, as determined by the Department, shall remain in the Department until a final acceptance of the permitted project is fulfilled. Excavated materials shall be hauled by the Permittee, at their cost & expense from the site to the Broward Operations Center or stockpiled in those areas as directed by the Department, including asphalt millings.



- #### FDOT PLANTING NOTES
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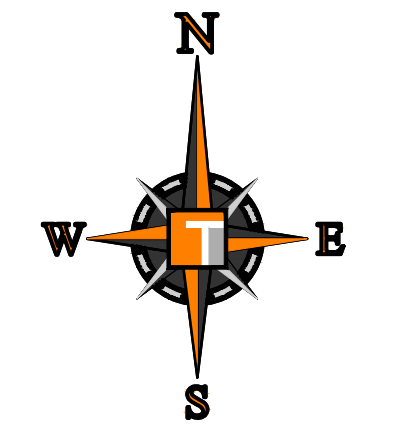
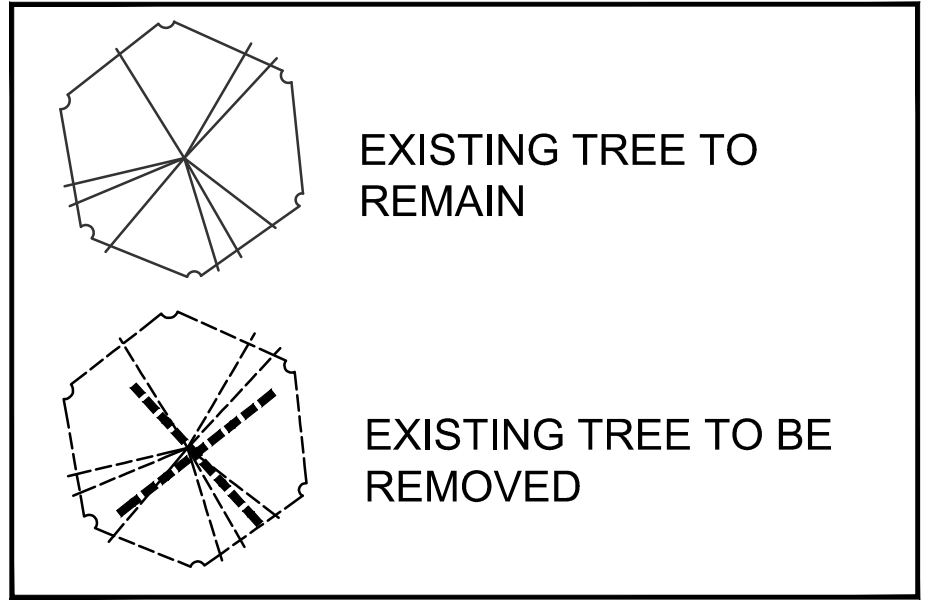
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PLEASE SEE SHEET L-1.1 FOR TREE DISPOSITION CHART

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THOMAS ENGINEERING GROUP
 CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
 6300 NW 31ST AVENUE | 4850 W. KENNEDY BLVD. | 125 W INDIANTOWN RD.
 FORT LAUDERDALE, FL 33309 | TAMPA, FL 33609 | JUPITER, FL 33458
 P: 954-202-7000 | P: 813-379-1100 | P: 561-203-7503
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REV.	DATE	REVISIONS	BY

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FDOT PERMIT

PROJECT No.:	F190044
DRAWN BY:	JV
CHECKED BY:	MDG
DATE:	05-23-19
CAD I.D.:	F190044 - TREE DISPOSITION

PROJECT:
FESTIVAL MARKETPLACE
POMPANO BEACH, FL

FOR
URBN DESIGN
 696 NE 125TH STREET
 NORTH MIAMI, FL 33415

THOMAS ENGINEERING GROUP
 6300 NW 31ST AVENUE
 FORT LAUDERDALE, FL 33309
 PH: (954) 202-7000
 FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL D. GROSSWIRTH
 REGISTERED LANDSCAPE ARCHITECT
 October 30, 2020
 FLCHA # 272992-00171
 FLORIDA BUS. REG. # 272992-00171
 FLORIDA BUS. REG. # 272992-00171

SHEET TITLE:
TREE DISPOSITION PLAN - RACETRAC
 SHEET NUMBER:
L-1.1

DESIGN SPEED = 45 MPH
 FDOT LANDSCAPE PERMIT #2020-L-491-00009

BEGIN PROJECT
MP 5.423

END PROJECT
MP 5.598

PROPOSED
RIGHT-IN
RIGHT-OUT
APPROVED
BY FDOT

STATE ROAD 834
(SAMPLE ROAD)

STATE ROAD 834
(SAMPLE ROAD)

PROPOSED
RETAIL/RESTAURANT BLDG.
25,500 S.F. (17 BAYS TOTAL)
F.F.E. = 14.00' N.A.V.D.
HIGHEST POINT +30'47"

L-2.1

L-2.2

VACANT
LAND
1.0 AC.
TO BE SODDED
(AS SHOWN &
SERIALIZED)
(SEE SHEETS
L-3.0 - L-3.3)

RACETRAC MARKET
5,411 SQ. FT.
TOP OF PARAPET
+19'10"

EXISTING
FESTIVAL FLEA MARKET
TO REMAIN
381,762 S.F.
F.F.E.=12.94' N.A.V.D.

LIMITS OF PROJECT SCOPE

FDOT GENERAL NOTES

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FDOT PLANTING NOTES

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- Sodded areas will be in accordance with Standard Plans Index 570-010 and Standard Specifications Sections 162, 570, 961, 982, 983, 987 of the Department's latest edition of Governing Design Standards and Standard Specifications. All disturbed areas will be sodded within one (1) week of installation of said permitted work.

OVERALL PLANT SCHEDULE

TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
BS	20	Gumbo Limbo	Bursera simaruba	B & B	3" Cal	16' Ht	5'-6"	Yes	High	4 CT
BSS	4	Gumbo Limbo	Bursera simaruba	B & B	6" Cal	18-20' oa	6-7'	Yes	High	4 CT
CD	6	Pigeon Plum	Coccoloba diversifolia	B & B	2" Cal	16' Ht	5'	Yes	High	4.5 CT
CEZ	6	Silver Button Wood	Conocarpus erectus sericeus	25 gal	2" Cal	8-10' Ht	3-4'	Yes	Low	Yes
CS	4	Orange Geiger Tree	Cordia sebestena	25 gal	2" Cal	10' Ht	5'	Yes	High	4 CT
LB	8	Wild Tamarind	Lysitoma bahamensis	B & B	6" Cal	18-20' oa	7-8' spr.	Yes	Medium	
LI	30	Crape Myrtle	Lagerstroemia indica 'Tuskegee'	25 gal	2" Cal	10' Ht	5'	No	High	4 CT
LL	7	Glossy Privet	Ligustrum lucidum	25 gal	3" Cal	10' Ht	4'-5'	No	High	multi
OV	36	Southern Live Oak	Quercus virginiana	B & B	4" Cal	16' Ht	5'-6"	Yes	High	6 CT
OVZ	14	Southern Live Oak	Quercus virginiana	B & B	6" Cal	20-22' Ht	7-8' spr.	Yes	High	6 CT
TC	13	Yellow Trumpet Tree	Tabebuia caribibia	B & B	3" Cal	16' Ht	5'-6"	No	High	4 CT
TH	7	Pink Tabebuia	Tabebuia heterophylla	FG/B&B	4" Cal	16' Ht	5'-6"	No	High	6 CT
THZ	6	Pink Tabebuia	Tabebuia heterophylla	FG/B&B	6" Cal	18-20' oa	6-7'	No	High	6 CT

PALM TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
RE	13	Florida Royal Palm	Roystonia elata	B & B	20-22' gw	18-20'		Yes	High	30-34' oa hts
SP	42	Cabbage Palmetto	Sabal palmetto	B & B	18-22' oa	10'		Yes	High	
SO	8	Queen Palm	Syagus romanzoffiana	FG/B&B	18' Ht			No	Medium	
VM	8	Montgomery Palm	Veitchia montgomeryana	FG/B&B	20' gw	12'		No	High	single trunk
VMZ	8	Manila Palm double	Veitchia merillii	45 gal	8-10' gw			No	High	double
VMZ	21	Montgomery Palm	Veitchia montgomeryana	FG/B&B	18-22' oa	12'		No	High	single trunk
VMT	4	Montgomery Palm	Veitchia montgomeryana	FG/B&B	18-22' oa	12'		No	High	triple trunk

SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
CHS	843	Red Tip Coccoloba	Chrysobalanus icaco 'Red Tip'	NA	30"	36"	36"	Yes	High	Full to base
COH	30	Red Tip Coccoloba	Chrysobalanus icaco 'Red Tip'	NA	24"	24"	24"	Yes	High	Full to base
COV	12	Croton	Croton variegatum 'Picramnia'	7 gal	As Shown	30"	24"	No	Medium	3 spp.
CRI	9	Queen Emma' Crinum	Crinum augustum 'Queen Emma'	15 gal	As Shown	48"	48"	No	Medium	Full to base
LJ	11	Glossy Privet	Ligustrum japonicum	Container	multi-trunk	6-8' hts.	4-5'	No	High	multi
PRT	10	Pigmy Date Palm Triple	Phoenix roebelenii	As Shown	5-6' Ht	3-4'		No	Medium	
VIA	72	Mirrorleaf Viburnum	Viburnum anawakia	-	42"	72"	36-42"	No	High	full to base
VIB	245	Sandankwa Viburnum	Viburnum suspensum	NA	24"	24"	24"	No	High	full to base

SHRUB AREAS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
DUR	553	Sky Flower	Duranta repens 'Dwarf Golden'	n/a	18"	16-18"	16-18"	Yes	High	Full
HAP	809	Fine Bush	Hamelia patens 'compacta'	n/a	24"	18-24"	18-24"	Yes	High	Full to base
JAS	467	Southern Wax Jasmine	Jasminum simplicifolium	n/a	24"	18"	18"	No	Medium	Full to base
MLM	485	Pink Mandy Grass	Muhlenbergia capillaris	n/a	16"	14-16"	14-16"	Yes	High	Full to base
NEB	176	Boston Fern	Nephrolepis exaltata 'Bostoniensis'	-	24"	18"	18"	Yes	High	
PHK	39	Philodendron	Philodendron x xanadu	-	24"	20"	20"	No	Medium	
PLU	499	Plumbago	Plumbago auriculata	n/a	24"	18"	18"	No	Medium	Soft blue flowers
VOZ	81	Walter's Viburnum	Viburnum obovatum	n/a	18"-24"	16-18"		Yes	High	

GROUND COVERS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
IRM	1,003	Green Island Ficus	Ficus microcarpa 'Green Island'	n/a	18"	14-16"	14-16"	No	Medium	
IVS	1,226	Dwarf Schilling's Holly	Ilex vomitoria 'Schilling's Dwarf'	n/a	16"	14-16"	14-16"	Yes	High	
LAN	488	Gold Mound Lantana	Lantana camara 'Gold Mound'	n/a	18"	12-14' Ht	14-16"	Yes	High	sterile species
LIR	935	Lily Turf	Liriope muscari	n/a	16"	12-14"	10-12"	No	High	Full clumps

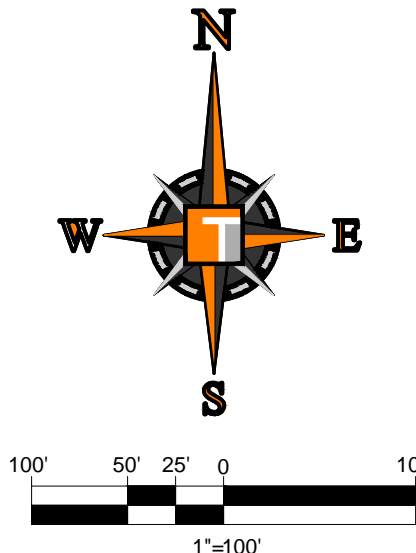
SOD	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
PAS	22,284 s.f.	Bahia Grass	Paspalum notatum	n/a				Yes	High	

SEE SHEET L-2.3 FOR OVERALL COST ESTIMATE AND FOR SEPARATE PLANS LISTS FOR RETAIL AND CONVENIENCE STORE.

CITY OF POMPANO BEACH, FLORIDA - LANDSCAPE CODE COMPLIANCE CHART
FESTIVAL MARKET PLACE (RETAIL BUILDING AND SERVICE STATION)
B-3 (GENERAL BUSINESS)

25% Max of Required Trees May be Palms
TOTAL SITE AREA: 248,360 s.f. (5.7 AC)
RETAIL BLDG AREA: 25,500 s.f.
BASECATEG: 5,411 s.f.

REQUIRED	PROVIDED
13 TREES	103 TREES (8 Existing)
414 SHRUBS	414 SHRUBS
NA	NA
28 TREES	28 TREES (2 Existing)
15 TREES	15 TREES
6,608 sq. ft.	6,916.92 sq. ft.
2,055.2 sq. ft.	2,877 sq. ft.
57 SHRUBS	179 SHRUBS
13 SHRUBS	82 SHRUBS
57 SHRUBS	150 SHRUBS
13 SHRUBS	108 SHRUBS
17 SHRUBS	201 SHRUBS
10 SHRUBS	55 SHRUBS
10 SHRUBS	85 SHRUBS
10 SHRUBS	201 SHRUBS
20 TREES	26 TREES (6 Existing)
16 TREES	16 TREES
20 TREES	20 TREES (3 Existing)
9 TREES	9 TREES
197 TREES	211 TREES
14 PALMS @ 3.1 = 4 TREES	NATIVE TREES: 121211 (87%) (2 Existing)
	NATIVESHRUBS: 47619953 (88%)



THOMAS
ENGINEERING GROUP

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
TAMPA, FL 33609
P: 813-379-4100
P: 561-203-7603
P: 941-262-7000

125 W INDIANTOWN RD.
JUPITER, FL 33468
P: 561-203-7603

REVISIONS

REV.	DATE	COMMENT	BY:

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FDOT PERMIT

PROJECT No.: F190044
DRAWN BY: JVV
CHECKED BY: MDG
DATE: 05-23-19
CAD I.D.: F190044 - LANDSCAPE PLAN-RT

FESTIVAL MARKETPLACE
POMPANO BEACH, FL

FOR

URBN DESIGN
696 NE 125TH STREET
NORTH MIAMI, FL 33415

THOMAS
ENGINEERING GROUP

6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL D. GROSSWIRTH
REGISTERED LANDSCAPE ARCHITECT
October 31, 2020
FLORIDA BUSINESS REGISTRATION # 122995
FLORIDA BUSINESS REGISTRATION # 27528

SHEET TITLE:
OVERALL LANDSCAPE PLAN

SHEET NUMBER:
L-2.0

DESIGN SPEED = 45 MPH
FDOT LANDSCAPE PERMIT #2020-L-491-0009

BEGIN PROJECT
MP 5.423

NOTE: TREE PLANTED IN SAMPLE ROAD
RIGHT-OF-WAY WILL REQUIRE A SEPARATE
FDOT LANDSCAPE PERMIT

Right Turn on Red Allowed
Limit of Clear Sight Line d=565'
per FDM Chapter 212, Exhibit
212.7, Design Speed 45 MPH

STATE ROAD 834
(SAMPLE ROAD)

PROPOSED
RETAIL/RESTAURANT BLDG.
25,500 S.F. (17 BAYS TOTAL)
F.F.E. = 14.00' N.A.V.D.
HIGHEST POINT +30'-0"

EXISTING
FESTIVAL FLEA MARKET
TO REMAIN

MATCHLINE (SEE SHEET L-2.2)

PLANT SCHEDULE RETAIL										
TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
BS	11	Gumbo Limbo	Bursera simaruba	B & B	3" Cal	16' Ht	5'-6"	Yes	High	4 CT
BS2	4	Gumbo Limbo	Bursera simaruba	B & B	6" Cal	18-20' oa	6'-7"	Yes	High	4 CT
LB	8	Wild Tamarind	Lysitoma bahamensis	B & B	6" Cal	18-20' oa	7'-8" spr.	Yes	Medium	6 CT
LI	18	Crape Myrtle	Lagerstroemia indica 'Tuskegee'	25 gal	2" Cal	10' Ht	5'	No	High	4 CT
QV	9	Southern Live Oak	Quercus virginiana	B & B	4" Cal	16' Ht	5'-6"	Yes	High	6 CT
QV2	14	Southern Live Oak	Quercus virginiana	B & B	6" Cal	20-22' Ht.	7'-8" spr.	Yes	High	6 CT
TC	6	Yellow Trumpet Tree	Tabebuia carabiba	B & B	3" Cal	16' Ht	5'-6"	No	High	4 CT
TH2	6	Pink Tabebuia	Tabebuia heterophylla	FG/B&B	6" Cal	18-20' oa	6-7'	No	High	6 CT
PALM TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
RE	9	Florida Royal Palm	Roystonea elata	B & B	3" Cal	20-22' gw	18-20'	Yes	High	30-34' oa hts
SP	30	Cabbage Palmetto	Sabal palmetto	B & B	6" Cal	18-22' oa	10'	Yes	High	
SQ	8	Queen Palm	Syagrus romanzoffiana	FG/B&B	18" Ht			No	Medium	
VM	8	Montgomery Palm	Veitchia montgomeryana	FG/B&B	20" gw	12'		No	High	single trunk
VM3	15	Montgomery Palm	Veitchia montgomeryana	FG/B&B	18-22' oa	12'		No	High	single trunk
VMT	4	Montgomery Palm	Veitchia montgomeryana	FG/B&B	18-22' oa	12'		No	High	triple trunk
SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
CH3	460	Red Tip Coccoloba	Chrysobalanus icaco 'Red Tip'	NA	30"	36"	36"	Yes	High	Full to base
CHH	20	Red Tip Coccoloba	Chrysobalanus icaco 'Red Tip'	NA	24"	24"	24"	Yes	High	Full to base
COV	12	Croton	Codiaeum variegatum 'Pictum'	7 gal	As Shown	30"	24"	No	Medium	3 ppp
LJ	11	Glossy Privet	Ligustrum japonicum	Container	multi-trunk	6-8' hts.	4-5'	No	High	multi
PRT	10	Pigmy Date Palm Triple	Phoenix roebelenii	As Shown	5-6' Ht	3-4'		No	Medium	
VIA	58	Mirrorleaf Viburnum	Viburnum awabakia	-	42"	72"	36-42"	No	High	full to base
VIB	106	Sandankwa Viburnum	Viburnum suspensum	NA	24"	24"	24"	No	High	Full to base
SHRUB AREAS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
DUR	262	Sky Flower	Durania repens 'Dwarf Golden'	n/a	18"	16-18"	16-18"	Yes	High	Full
HAP	207	Fire Bush	Hamelia patens 'compacta'	n/a	24"	18-24"	18-24"	Yes	High	Full to base
JAS	356	Southern Wax Jasmine	Jasminum simplicifolium	n/a	24"	18"	18"	No	Medium	Full to base
MUH	408	Pink Muhly Grass	Muhlenbergia capillaris	n/a	18"	14-16"	14-16"	Yes	High	Full
NEB	176	Boston Fern	Nephrolepis exaltata 'Bostoniensis'	-	24"	18"	18"	Yes	High	Full
PLU	435	Plumbago	Plumbago auriculata	n/a	24"	18"	18"	No	Medium	Soft blue flowers
GROUND COVERS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
FIM	826	Green Island Ficus	Ficus microcarpa 'Green Island'	n/a	18"	14-16"	14-16"	No	Medium	
IVS	1,118	Dwarf Schilling's Holly	Ilex vomitoria 'Schilling's Dwarf'	n/a	16"	14-16"	14-16"	Yes	High	
LAN	369	Gold Mound Lantana	Lantana camara 'Gold Mound'	n/a	18"	12-14' Ht	14-16"	Yes	High	sterile species

ALL AREAS LABELED AS "SOD" TO BE STENOTAPHRUM SECUNDATUM, V. 'FLORITAM' SOLID SOD, UNLESS OTHERWISE SPECIFICALLY NOTED. ALL MULCH TO BE PER SPECIFICATION FOUND ON SHEET L-2.4 UNLESS OTHERWISE SPECIFICALLY NOTED. ALL QUANTITY TAKE-OFFS BY CONTRACTOR.

FDOT PLANTING NOTES

- For the portion of landscape plant material that will be installed within the FDOT Right of Way, landscape installation shall comply with current applicable FDOT Maintenance Specification 580. Online Reference: <https://www.fdot.gov/programmanagement/maintenance/2019-jan/maintenance-specifications-january-2020>
- For the portion of landscape plant material that will be installed within the FDOT Right of Way refer to the FDOT Standard Plans Index 580-001 Landscape Installation. Online Reference: https://fdotwww.blob.core.windows.net/standardplans/standardplans/2021-fdv/580-001.pdf?stfrsm=82c3d085_2
- Cypress Mulch is not permitted on FDOT right of way. Mulch permitted to be used are Hardwood Mulch (containing no Cypress products), Recycled Mulch or approved equal, certified by the Mulch and Soil Council (MSC). Submit proof of certification to the FDOT District Operations Permit Landscape Inspector upon inspection.
- Sodded areas will be in accordance with Standard Plans Index 570-010 and Standard Specifications Sections 162, 570, 381, 382, 383, 387 of the Department's latest edition of Governing Design Standards and Standard Specifications. All disturbed areas will be sodded within one (1) week of installation of said permitted work.

FDOT GENERAL NOTES

- GOVERNING STANDARD PLANS:**
Florida Department of Transportation, FY 2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).
website: <https://www.fdot.gov/design/standardplans>
- GOVERNING STANDARD SPECIFICATIONS:**
Florida Department of Transportation, January 2020 Standard Specifications for Road and Bridge Construction.
website: <https://www.fdot.gov/programmanagement/implemented/specbooks>
- Contractor shall repair all damage done to FDOT property during demolition, relocation &/or installation activities at his sole expense.
- Any plant material substitution within or impacting the FDOT Right of Way whether requested by the Contractor, Owner, Landscape Architect or other will need to get approval from the FDOT District Landscape Architect.
- Ownership of all suitable excavated materials, as determined by the Department, shall remain in the Department until a final acceptance of the permitted project is fulfilled. Excavated materials shall be hauled by the Permittee, at their cost & expense from the site to the Broward Operations Center or stockpiled in those areas as directed by the Department, including asphalt millings.

ANY EXISTING SOD IN RIGHT-OF-WAY OR ON ADJACENT PROPERTY DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED WITH SAME SOD SPECIES BY CONTRACTOR.

PLANT SPACING SHALL SUPERCEDE PLANT QUANTITY TO FILL LANDSCAPE BED.

NOTE: ALL EXISTING SOIL, WITHIN LANDSCAPE AREAS ADJACENT TO VEHICULAR USE AREAS IS REQUIRED TO BE REMOVED, INSPECTED AND THEN REPLACED WITH A 60/40 MIX OF SAND TO TOPSOIL. (SEE L-2.4); ALL ROAD ROCK, CONCRETE, ASPHALT, & OTHER NON-NATURAL MATERIAL WITHIN LANDSCAPE AREAS IS REQUIRED TO BE REMOVED AND BE REPLACED WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION

IT IS REQUIRED TO HAVE A PRE-CONSTRUCTION MEETING WITH THE URBAN FORESTRY STAFF PRIOR TO COMMENCEMENT OF ANY LANDSCAPE WORK OR SITE WORK AFFECTING EXISTING TREES. CONTACT WADE COLLUM AT 954-545-7766 or wade.collum@copbfl.com

ALL HEDGED ABUTTING CITY RIGHTS OF WAY SHALL BE MAINTAINED AT A HEIGHT NO GREATER THAT 24".

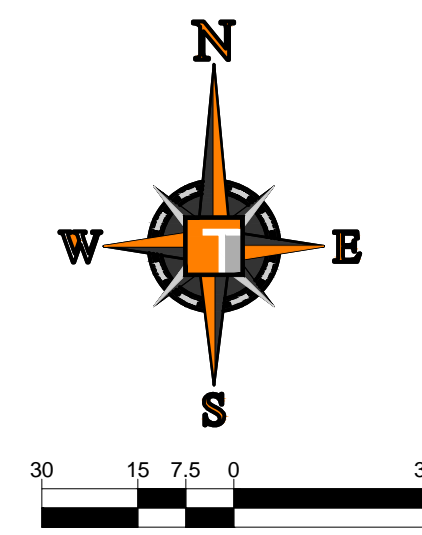
REFER TO SHEET L-2.3 FOR PLANT MATERIALS, CODE REQUIREMENT CHART, COST ESTIMATE AND PLANTING DETAILS, AND SHEET L-2.4 FOR LANDSCAPE GENERAL NOTES.

NOTE: ALL ABOVE GROUND MECHANICAL EQUIPMENT SUCH AS, BUT NOT LIMITED TO, EXTERIOR UTILITY BOXES, METERS, AND TRANSFORMERS NOT CURRENTLY KNOWN OR DEPICTED SHALL BE VISUALLY SCREENED A MINIMUM OF 6" ABOVE TOP OF EQUIPMENT. BACK FLOW PREVENTERS SHALL BE PAINTED TO MATCH THE PRINCIPAL STRUCTURE.

THIS SITE CONTAINS TREES THAT WILL REQUIRE REMOVAL AND/OR RELOCATION. FINAL MITIGATION REQUIREMENTS TO BE DETERMINED.

IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE WITH 50% OVERLAP.

PER CITY ORDINANCE SEC 50.02(A)(4) AND SEC 100.35(E), STREET TREES SHALL NOT BE PLACED ON TOP OF OR 5' TO EITHER SIDE OF ANY CITY OWNER UTILITY INFRASTRUCTURE. ALSO, PLEASE NOTE THAT NO TREES, SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 3' RADIUS OF A CITY OWNED LATERAL CLEANOUT OR WATER AND/OR REUSE METER.



DESIGN SPEED = 45 MPH
FDOT LANDSCAPE PERMIT #2020-L-491-00009

THOMAS ENGINEERING GROUP
CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
6300 NW 31ST AVENUE | 4850 W. KENNEDY BLVD. | 125 W. INDIANTOWN RD.
FORT LAUDERDALE, FL 33309 | TAMPA, FL 33609 | JUPITER, FL 33468
P: 954-202-7000 | P: 813-379-4100 | P: 561-203-7503
WWW.THOMASENGINEERINGGROUP.COM

REVISIONS

REV.	DATE	COMMENT	BY

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FDOT PERMIT
PROJECT No.: F190044
DRAWN BY: JLV
CHECKED BY: MDG
DATE: 05-23-19
CAD I.D.: F190044 - LANDSCAPE PLAN-RT

FESTIVAL MARKETPLACE
POMPAÑO BEACH, FL
FOR

URBN DESIGN
696 NE 125TH STREET
NORTH MIAMI, FL 33415

THOMAS ENGINEERING GROUP
6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL D. GROSSWIRTH
LA 6866871
REGISTERED LANDSCAPE ARCHITECT
October 31, 2020
FLORIDA BUSINESS REGISTRATION #171
FLORIDA BUSINESS REGISTRATION #171
FLORIDA BUSINESS REGISTRATION #171

SHEET TITLE:
LANDSCAPE PLAN
SHEET NUMBER:
L-2.1

NOTE: TREE PLANTED IN SAMPLE ROAD RIGHT-OF-WAY WILL REQUIRE A SEPARATE FDOT LANDSCAPE PERMIT

END PROJECT
MP 5.598

STATE ROAD 834
(SAMPLE ROAD)

Right Turn on Red Allowed
Limit of Clear Sight Line d=565'
per FDM Chapter 212, Exhibit 212.7, Design Speed 45 MPH

PLANT SCHEDULE RACETRAC

TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
BS	9	Gumbo Limbo	Bursera simaruba	B & B	3" Cal	16' Ht	5'-6"	Yes	High	4' CT
CD	5	Pigeon Plum	Coccoloba diversifolia	B & B	3" Cal	16' Ht	5'	Yes	High	4.5' CT
CE2	6	Silver Button Wood	Conocarpus erectus sericeus	25 gal	2" Cal	8'-10' Ht	3'-4"	Yes	Low	
CS	4	Orange Geiger Tree	Cordia sebestena	25 gal	2" Cal	10' Ht	5'	Yes	High	4' CT
LI	12	Crape Myrtle	Lagerstroemia indica 'Tuskegee'	25 gal	2" Cal	10' Ht	5'	No	High	4' CT
LL	7	Glossy Privet	Ligustrum lucidum	25 gal	3" Cal	10' Ht	4'-5"	No	High	multi
QV	26	Southern Live Oak	Quercus virginiana	B & B	4" Cal	16' Ht	5'-6"	Yes	High	6' CT
TC	7	Yellow Trumpet Tree	Tabebuia caraba	B & B	3" Cal	16' Ht	5'-6"	No	High	4' CT
TH	7	Pink Tabebuia	Tabebuia heterophylla	FG&B&B	4" Cal	16' Ht	5'-6"	No	High	6' CT

PALM TREES	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
RE	4	Florida Royal Palm	Roystonea elata	B & B		20-22' gw	18-20'	Yes	High	30-34' oa hts
SP	12	Cabbage Palmetto	Sabal palmetto	B & B		18-22' oa	10'	Yes	High	
VM2	8	Manila Palm 'double'	Veitchia merrilli	45 gal		8-10' gw		No	High	double
VM3	6	Montgomery Palm	Veitchia montgomeryana	FG&B&B		18-22' oa	12'	No	High	single trunk

SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
CH3	383	Red Tip Coccolup	Chrysobalanus icaco 'Red Tip'	NA	30"	36"	36"	Yes	High	Full to base
CHH	10	Red Tip Coccolup	Chrysobalanus icaco 'Red Tip'	NA	24"	24"	24"	Yes	High	Full to base
CRI	9	'Queen Emma' Crinum	Crinum augustum 'Queen Emma'	15 gal	As Shown	48"	48"	No	Medium	Full to base
VIA	14	Mirrorleaf Viburnum	Viburnum awabukia	-	42"	72"	36-42"	No	High	Full to base
VIB	139	Sandankwa Viburnum	Viburnum suspensum	NA	24"	24"	24"	No	High	Full to base

SHRUB AREAS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
DUR	291	Sky Flower	Duranta repens 'Dwarf Golden'	n/a	18"	16-18"	16-18"	Yes	High	Full
HAP	602	Fire Bush	Hamelia patens 'compacta'	n/a	24"	18-24"	18-24"	Yes	High	Full to base
JAS	111	Southern Wax Jasmine	Jasminum simplicifolium	n/a	24"	18"	18"	No	Medium	Full to base
MUH	77	Pink Muhly Grass	Muhlenbergia capillaris	n/a	18"	14-16"	14-16"	Yes	High	
PHX	39	Philodendron	Philodendron x xanadu	-	24"	20"	20"	No	Medium	
PLU	64	Plumbago	Plumbago auriculata	n/a	24"	18"	18"	No	Medium	Soft blue flowers
VOZ	81	Walter's Viburnum	Viburnum obovatum	-	18"	18-24"	16-18"	Yes	High	

GROUND COVERS	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
FIM	177	Green Island Ficus	Ficus microcarpa 'Green Island'	n/a	18"	14-16"	14-16"	No	Medium	
IVS	108	Dwarf Schilling's Holly	Ilex vomitoria 'Schilling's Dwarf'	n/a	16"	14-16"	14-16"	Yes	High	
LAN	119	Gold Mound Lantana	Lantana camara 'Gold Mound'	n/a	18"	12-14" Ht	14-16"	Yes	High	sterile species
LIR	935	Lily Turf	Liriope muscari	n/a	16"	12-14"	10-12"	No	High	Full clumps

SOD	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	REMARKS
PAS	22,284 sf	Bahia Grass	Paspalum notatum	n/a				Yes	High	

ALL AREAS LABELED AS "SOD" TO BE STENOTAPHRUM SECUNDATUM, V. 'FLORITAM' SOLID SOD, UNLESS OTHERWISE SPECIFICALLY NOTED. ALL MULCH TO BE PER SPECIFICATION FOUND ON SHEET L-2.4 UNLESS OTHERWISE SPECIFICALLY NOTED. ALL QUANTITY TAKE-OFFS BY CONTRACTOR.

- EDOT PLANTING NOTES**
- For the portion of landscape plant material that will be installed within the FDOT Right of Way, landscape installation shall comply with current applicable FDOT Maintenance Specification 580. Online Reference: <https://www.fdot.gov/programmanagement/maintenance/2019-jan/maintenance-specifications-january-2020>
 - For the portion of landscape plant material that will be installed within the FDOT Right of Way refer to the FDOT Standard Plans Index 680-001 Landscape Installation. Online Reference: https://dotwww.blob.core.windows.net/sitefinity/docs/default-source/design/standardplans/2021/680-001.pdf?sfvrsn=923d0b85_2
 - Cypress Mulch is not permitted on FDOT right of way. Mulch permitted to be used are Hardwood Mulch (containing no Cypress products), Recycled Mulch or approved equal, certified by the Mulch and Soil Council (MSC). Submit proof of certification to the FDOT District Operations Permit Landscape Inspector upon inspection.
 - Sodded areas will be in accordance with Standard Plans Index 570-010 and Standard Specifications Sections 162, 570, 981, 982, 983, 987 of the Department's latest edition of Governing Design Standards and Standard Specifications. All disturbed areas will be sodded within one (1) week of installation of said permitted work.

- EDOT GENERAL NOTES**
- GOVERNING STANDARD PLANS:**
Florida Department of Transportation, FY 2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).
website: <https://www.fdot.gov/design/standardplans>
 - GOVERNING STANDARD SPECIFICATIONS:**
Florida Department of Transportation, January 2020 Standard Specifications for Road and Bridge Construction.
website: <https://www.fdot.gov/programmanagement/implemented/specbooks>
 - Contractor shall repair all damage done to FDOT property during demolition, relocation and/or installation activities at his sole expense.
 - Any plant material substitution within or impacting the FDOT Right of Way whether requested by the Contractor, Owner, Landscape Architect or other will need to get approval from the FDOT District Landscape Architect.
 - Ownership of all suitable excavated materials, as determined by the Department, shall remain in the Department until a final acceptance of the permitted project is fulfilled. Excavated materials shall be hauled by the Permittee, at their cost & expense from the site to the Broward Operations Center or stockpiled in those areas as directed by the Department, including asphalt millings.

NOTE: ALL ABOVE GROUND MECHANICAL EQUIPMENT SUCH AS, BUT NOT LIMITED TO, EXTERIOR UTILITY BOXES, METERS, AND TRANSFORMERS NOT CURRENTLY KNOWN OR DEPICTED SHALL BE VISUALLY SCREENED A MINIMUM OF 6" ABOVE TOP OF EQUIPMENT. BACK FLOW PREVENTERS SHALL BE PAINTED TO MATCH THE PRINCIPAL STRUCTURE.

ALL HEDGED ABUTTING CITY RIGHTS OF WAY SHALL BE MAINTAINED AT A HEIGHT NO GREATER THAT 24".

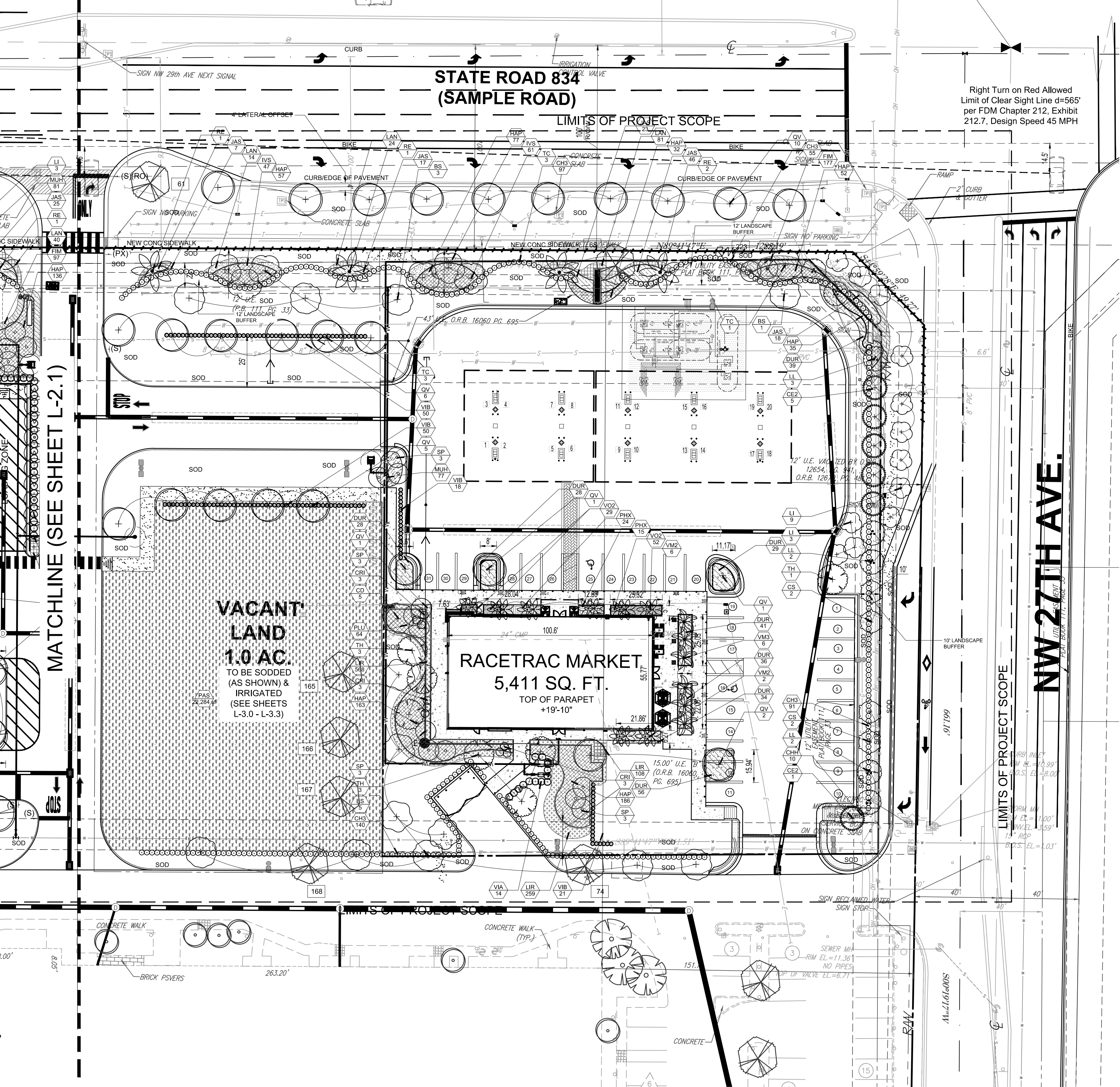
REFER TO SHEET L-2.3 FOR PLANT MATERIALS, CODE REQUIREMENT CHART, COST ESTIMATE AND PLANTING DETAILS, AND SHEET L-2.4 FOR LANDSCAPE GENERAL NOTES.

THIS SITE CONTAINS TREES THAT WILL REQUIRE REMOVAL AND/OR RELOCATION. FINAL MITIGATION REQUIREMENTS TO BE DETERMINED.

ANY EXISTING SOD IN RIGHT-OF-WAY OR ON ADJACENT PROPERTY DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED WITH SAME SOD SPECIES BY CONTRACTOR.

PLANT SPACING SHALL SUPERCEDE PLANT QUANTITY TO FILL LANDSCAPE BED.

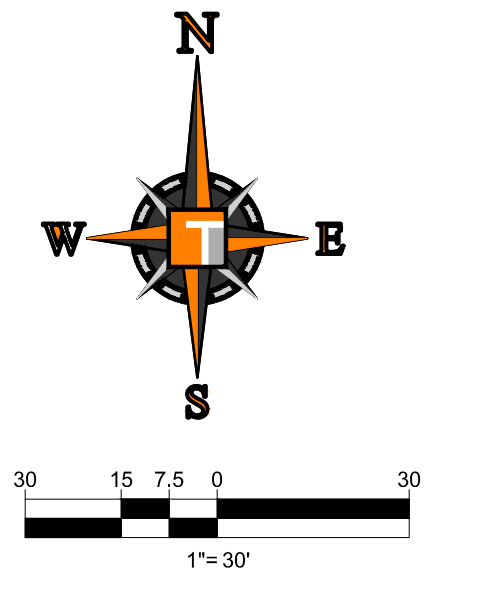
IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE WITH 50% OVERLAP.



NOTE: ALL EXISTING SOIL, WITHIN LANDSCAPE AREAS ADJACENT TO VEHICULAR USE AREAS IS REQUIRED TO BE REMOVED, INSPECTED AND THEN REPLACED WITH A 60/40 MIX OF SAND TO TOPSOIL. (SEE L-2.4); ALL ROAD ROCK, CONCRETE, ASPHALT, & OTHER NON-NATURAL MATERIAL WITHIN LANDSCAPE AREAS IS REQUIRED TO BE REMOVED AND BE REPLACED WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION

PER CITY ORDINANCE SEC 50.02(A)(4) AND SEC 100.35(E), STREET TREES SHALL NOT BE PLACED ON TOP OF OR 5' TO EITHER SIDE OF ANY CITY OWNER UTILITY INFRASTRUCTURE. ALSO, PLEASE NOTE THAT NO TREES, SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 3' RADIUS OF A CITY OWNED LATERAL CLEANOUT OR WATER AND/OR REUSE METER.

IT IS REQUIRED TO HAVE A PRE-CONSTRUCTION MEETING WITH THE URBAN FORESTRY STAFF PRIOR TO COMMENCEMENT OF ANY LANDSCAPE WORK OR SITE WORK AFFECTING EXISTING TREES. CONTACT WADE COLLUM AT 954-545-7766 or wade.collum@copbfl.com



DESIGN SPEED = 45 MPH
FDOT LANDSCAPE PERMIT #2020-L-491-0009

THOMAS ENGINEERING GROUP
CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
6300 NW 31ST AVENUE FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
P: 813-379-4100
P: 813-203-7603
P: 154-202-7000
TAMPA, FL 33609
JUPITER, FL 33458

REVISIONS

REV.	DATE	COMMENT	BY

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FDOT PERMIT

PROJECT No.: F190044
DRAWN BY: JV
CHECKED BY: MDG
DATE: 05-23-19
CAD I.D.: F190044 - LANDSCAPE PLAN-RT

FESTIVAL MARKETPLACE
POMPAHO BEACH, FL

FOR

URBN DESIGN
696 NE 125TH STREET
NORTH MIAMI, FL 33415

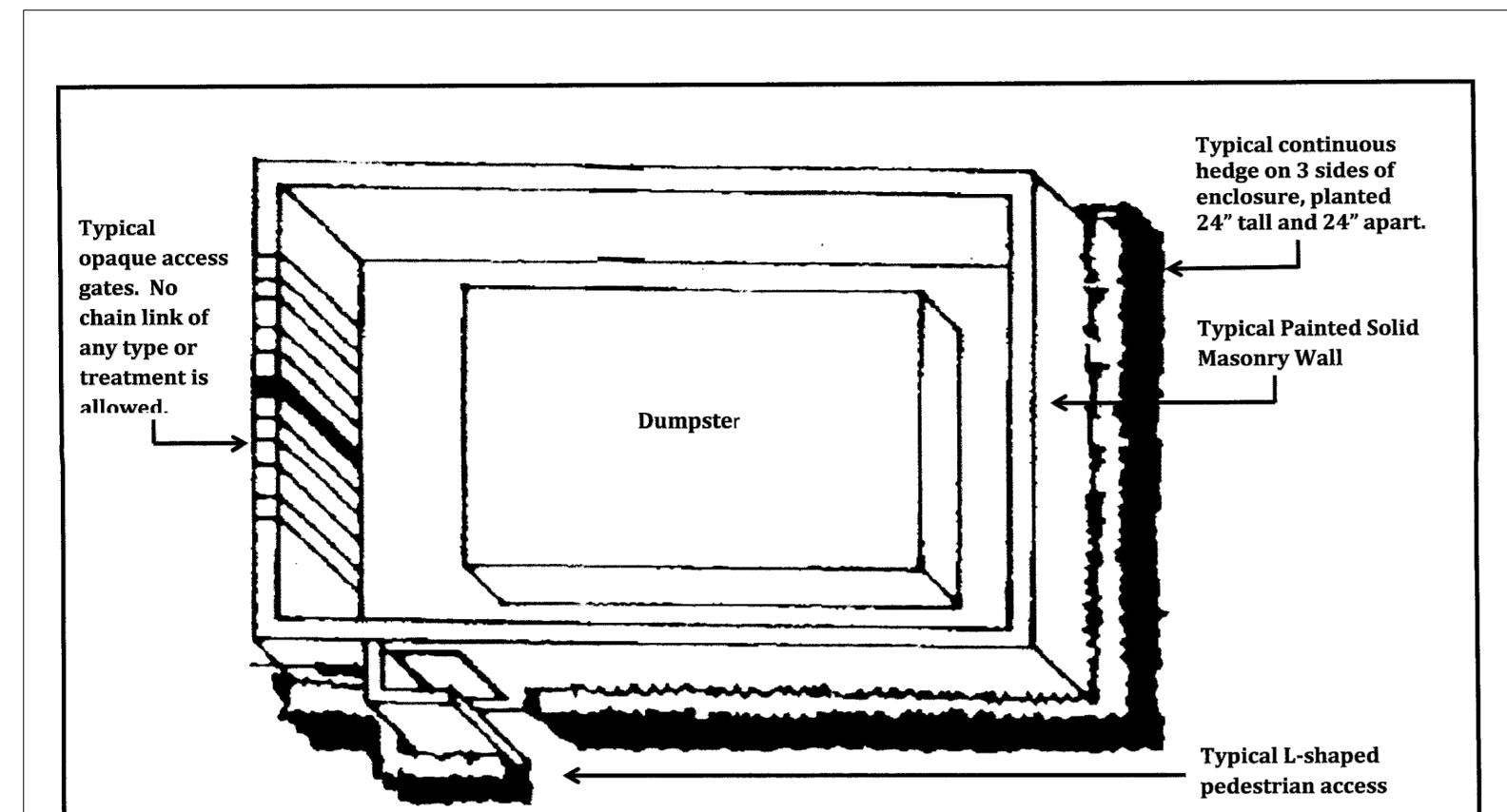
THOMAS ENGINEERING GROUP
6300 NW 31ST AVENUE FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
FX: (954) 202-7070
www.ThomasEngineeringGroup.com

MICHAEL D. GROSSWIRTH
REGISTERED LANDSCAPE ARCHITECT
LA 6866871
October 30, 2020
FL 122986
October 31, 2021
FLORIDA BUSINESS REGISTRATION No. 27528

SHEET TITLE:
LANDSCAPE PLAN
SHEET NUMBER:
L-2.2

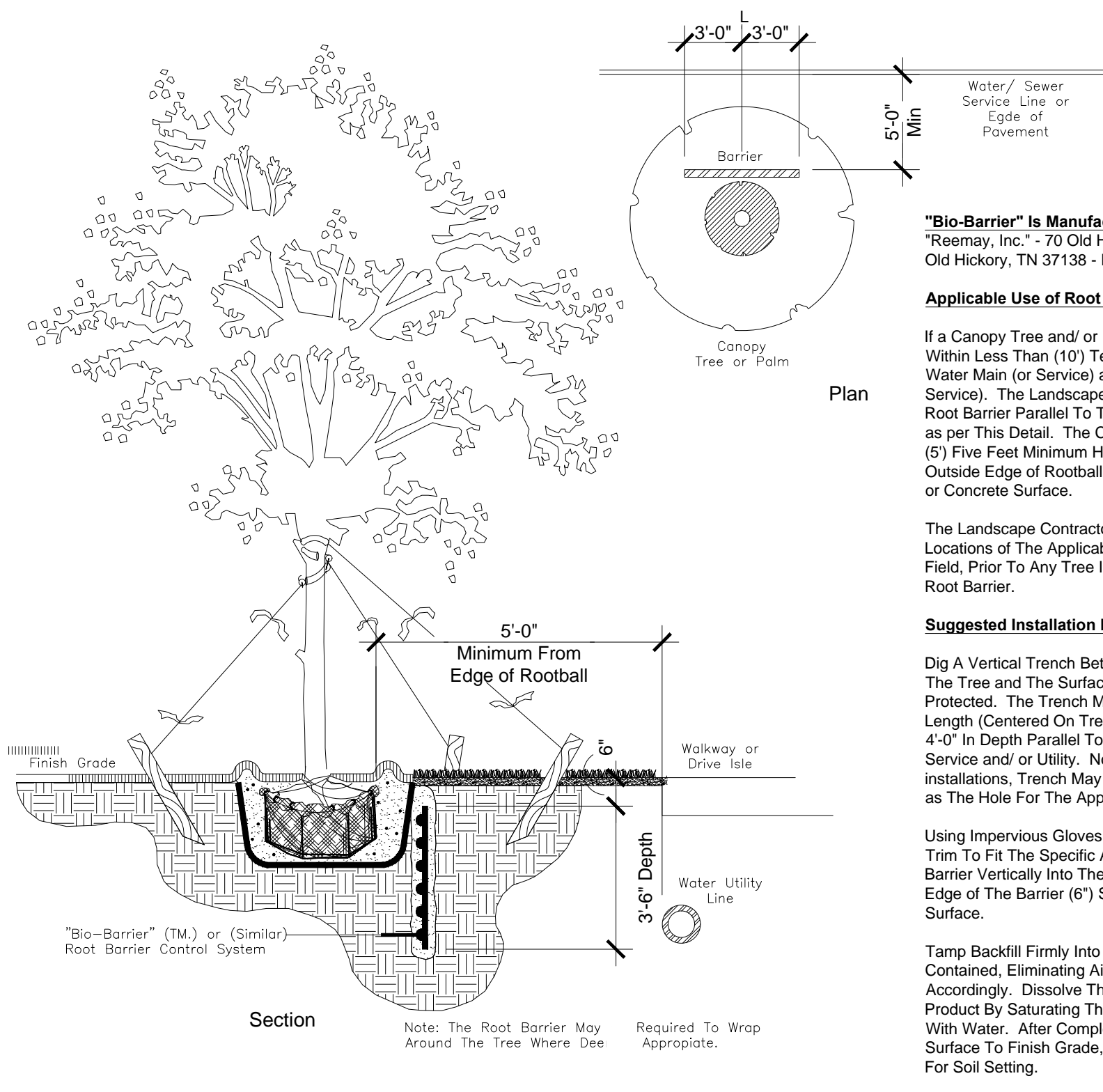
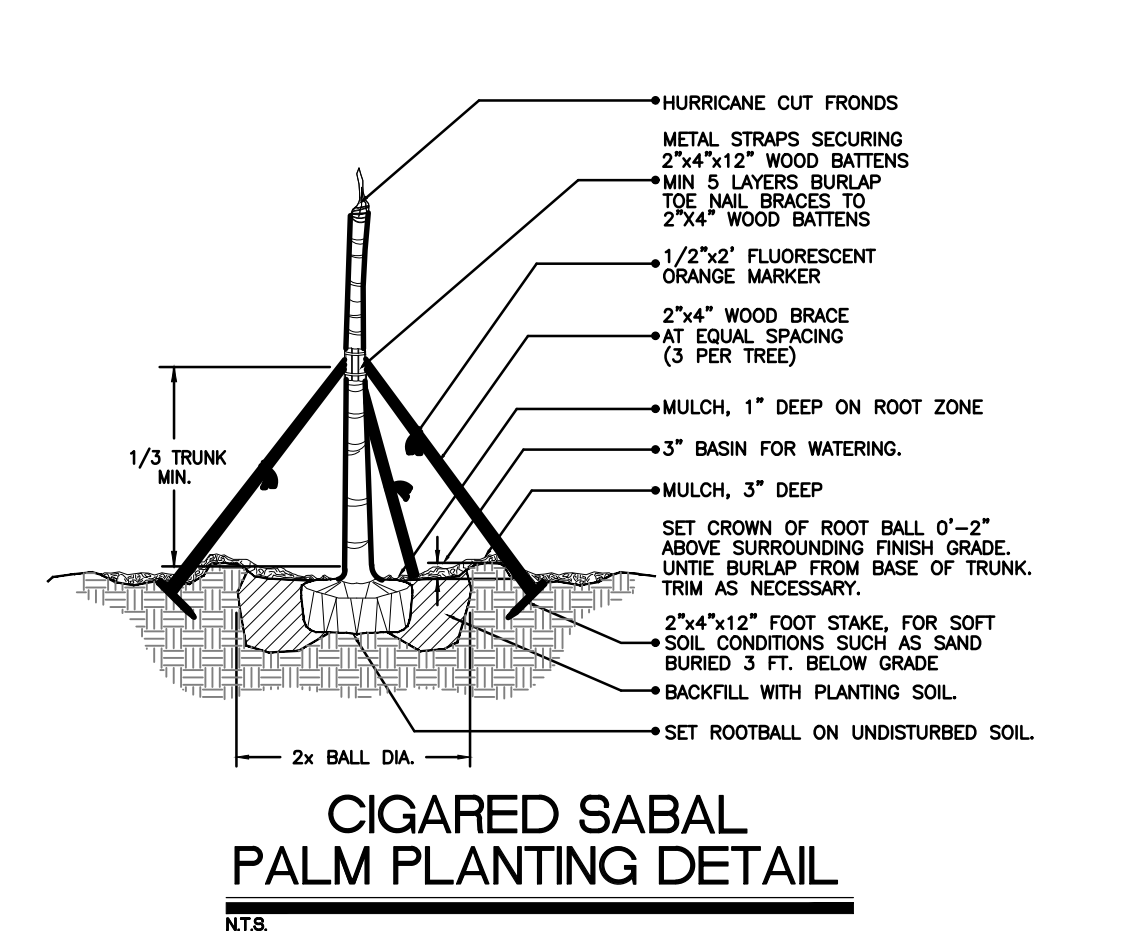
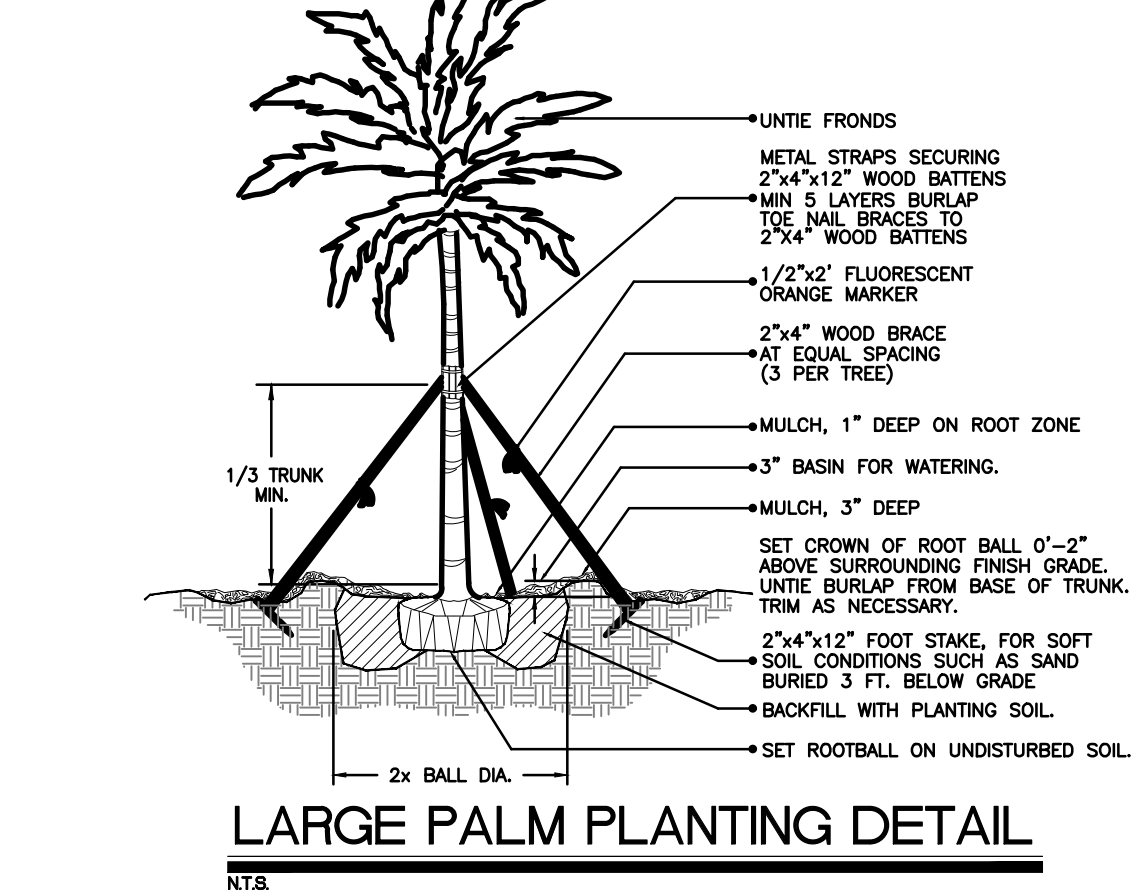
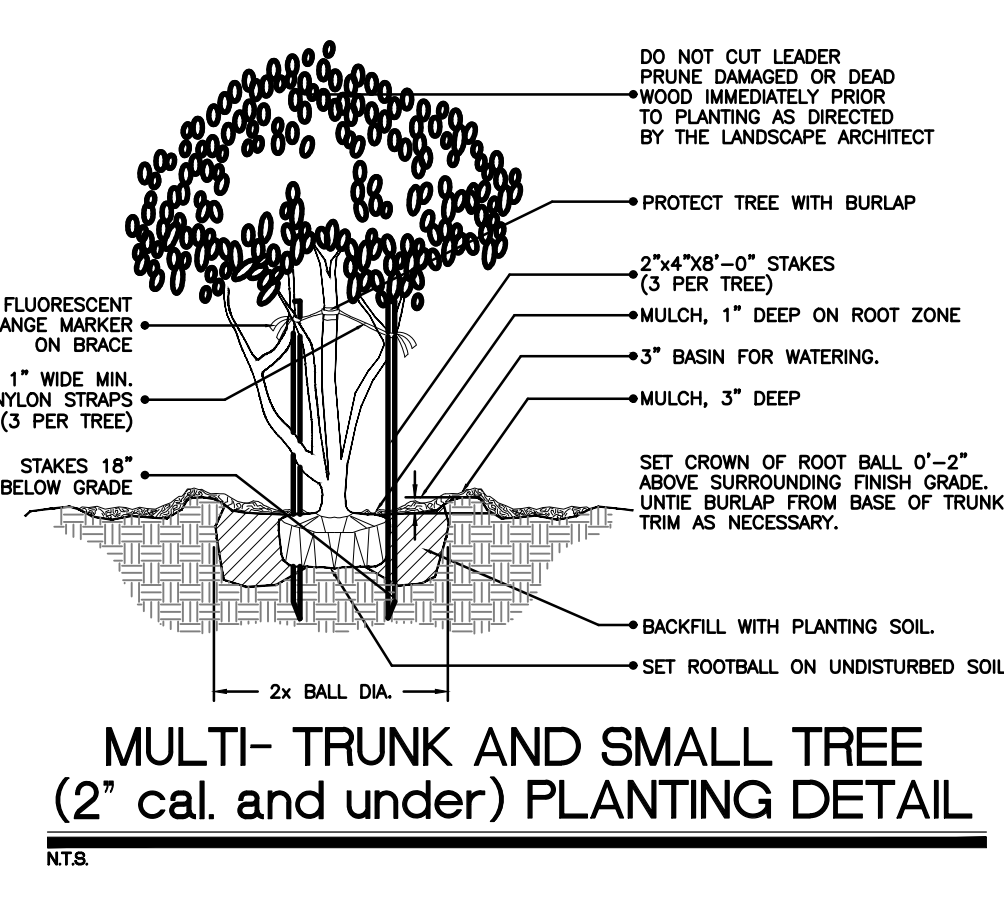
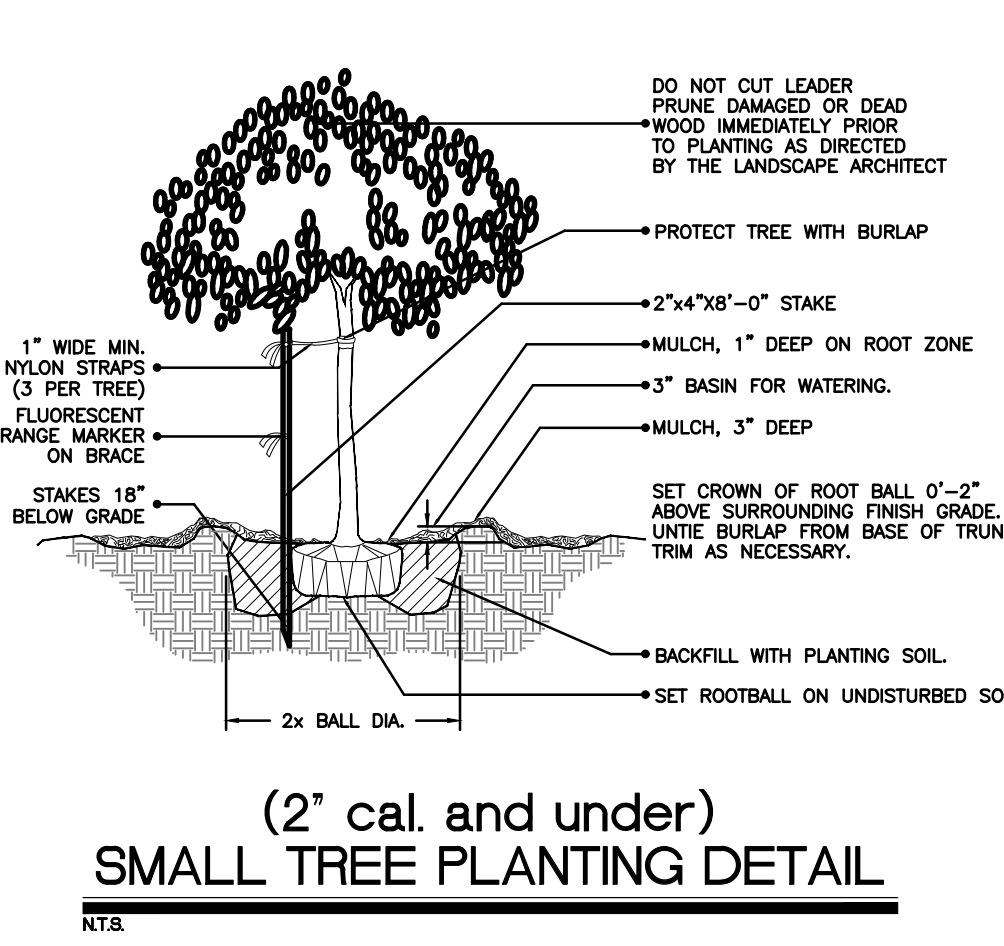
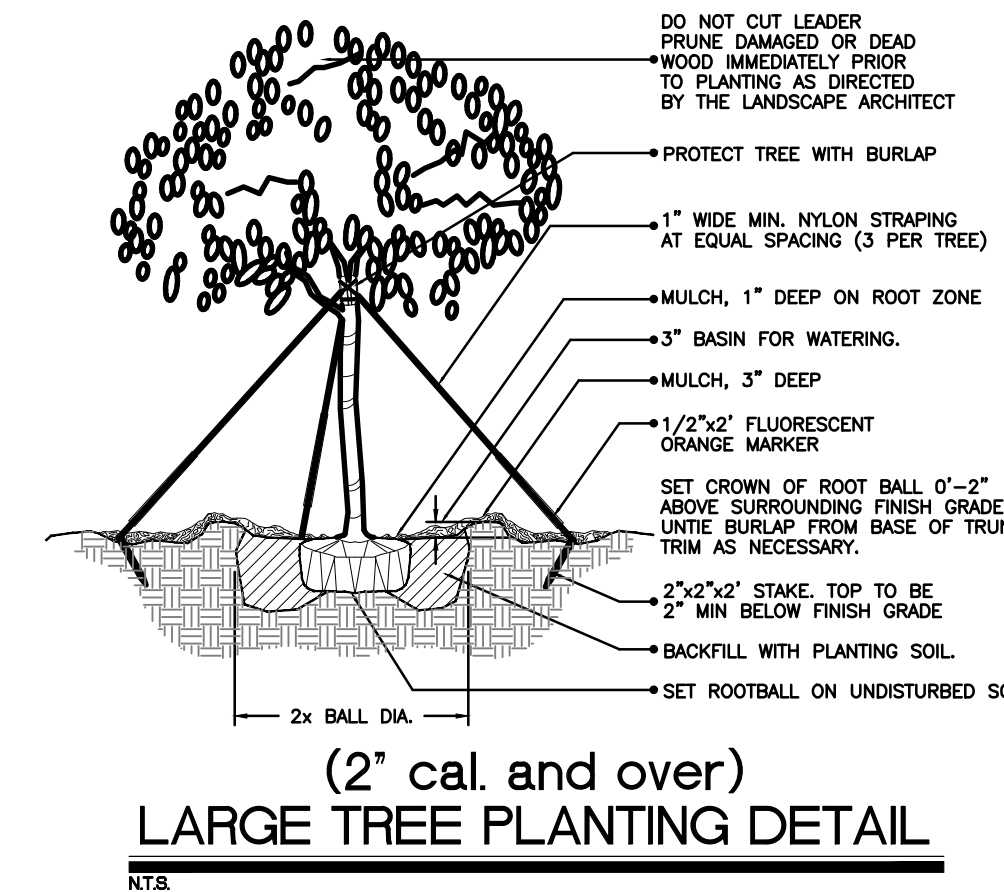
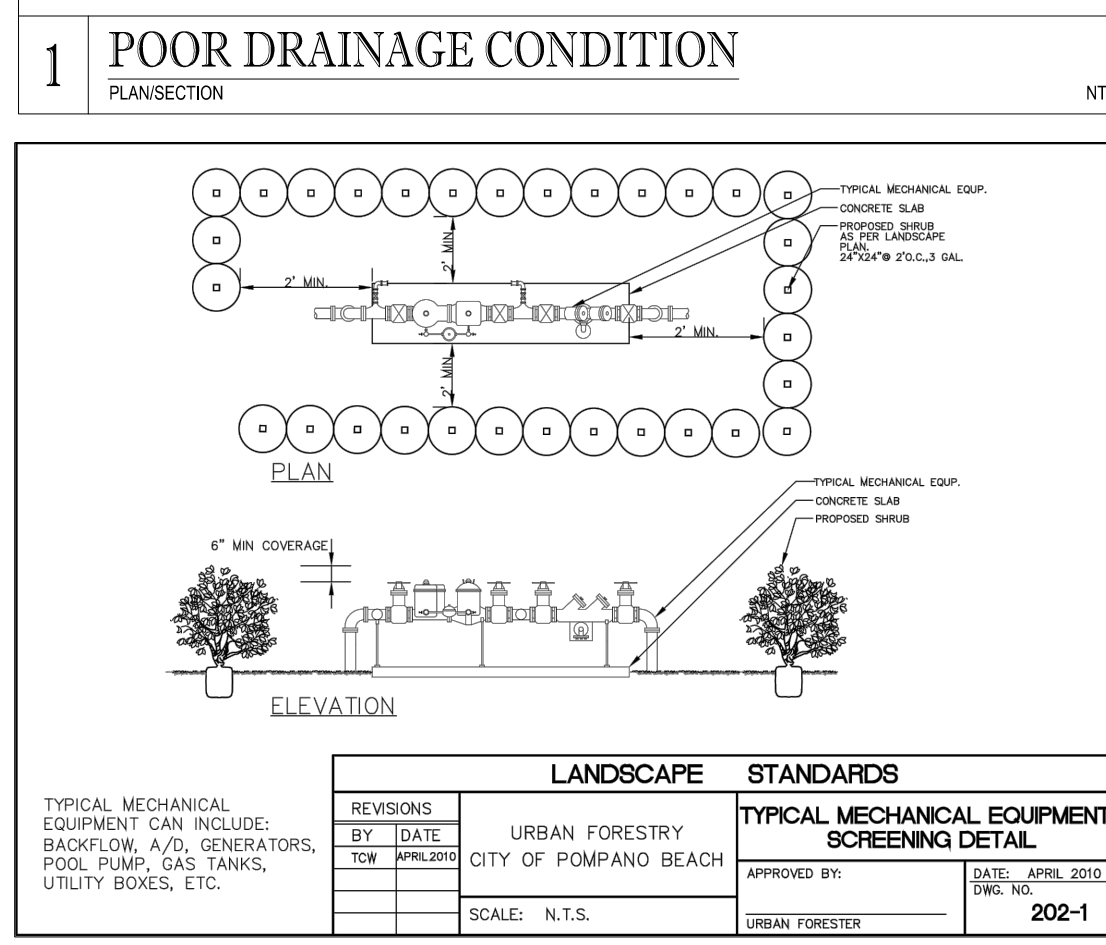
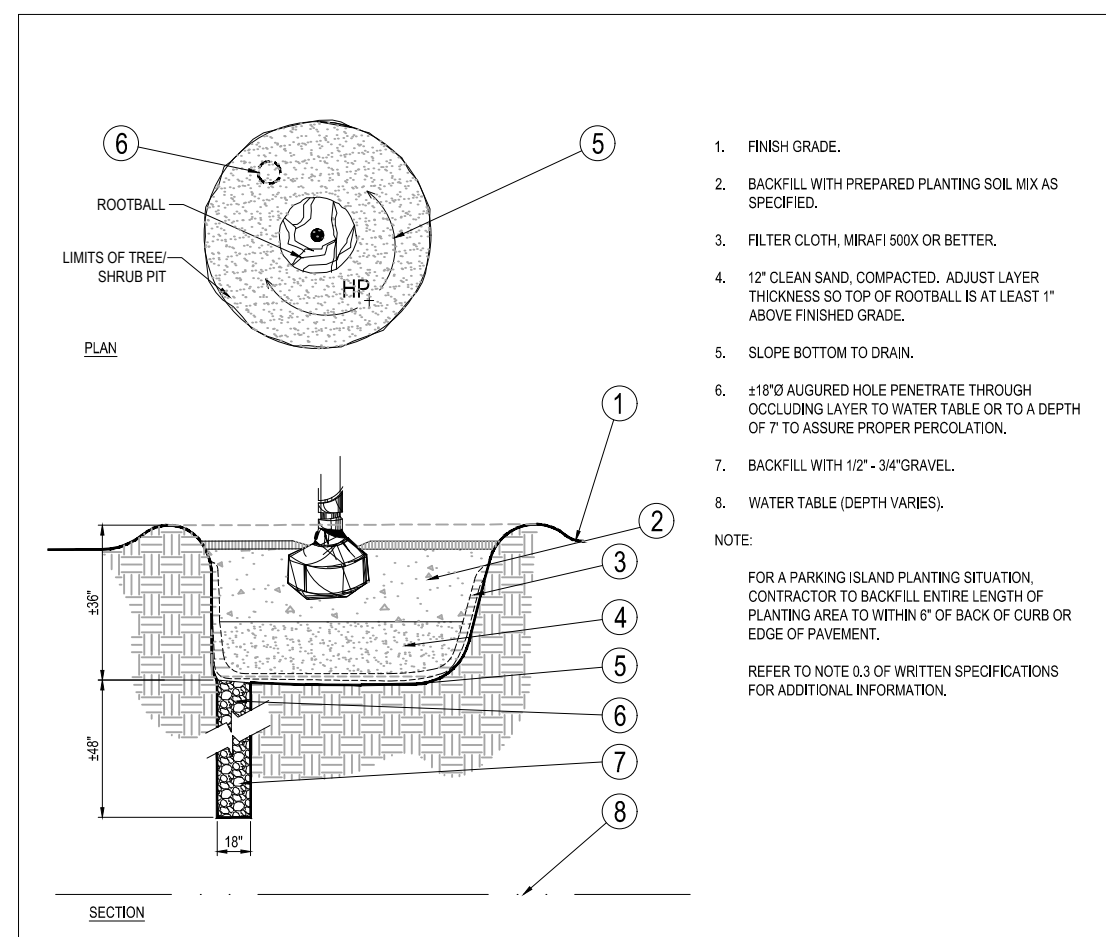
Project: Festival Marketplace, October 31, 2020, 12:07 PM by Michael Grosswirth
C:\URBN DESIGN\2020\190044 - FESTIVAL MARKETPLACE\SITE PLANS\2020-04-08 BIC SUBMITTAL LANDSCAPE\F190044 - LANDSCAPE PLAN-RT AND RETAIL - FDOT\---SLAYOUT L-2.2

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MICHAEL D. GROSSWIRTH, LA6866871 ON 2020-08-31

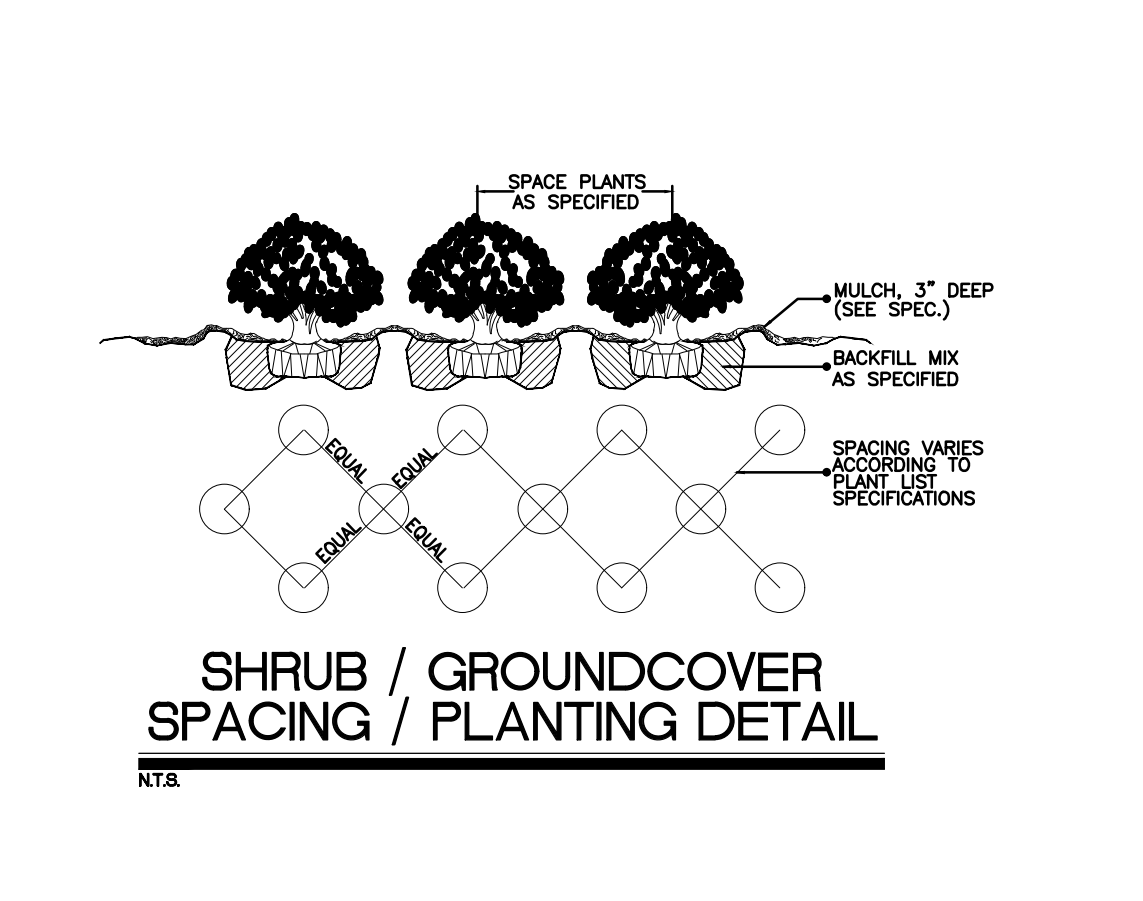
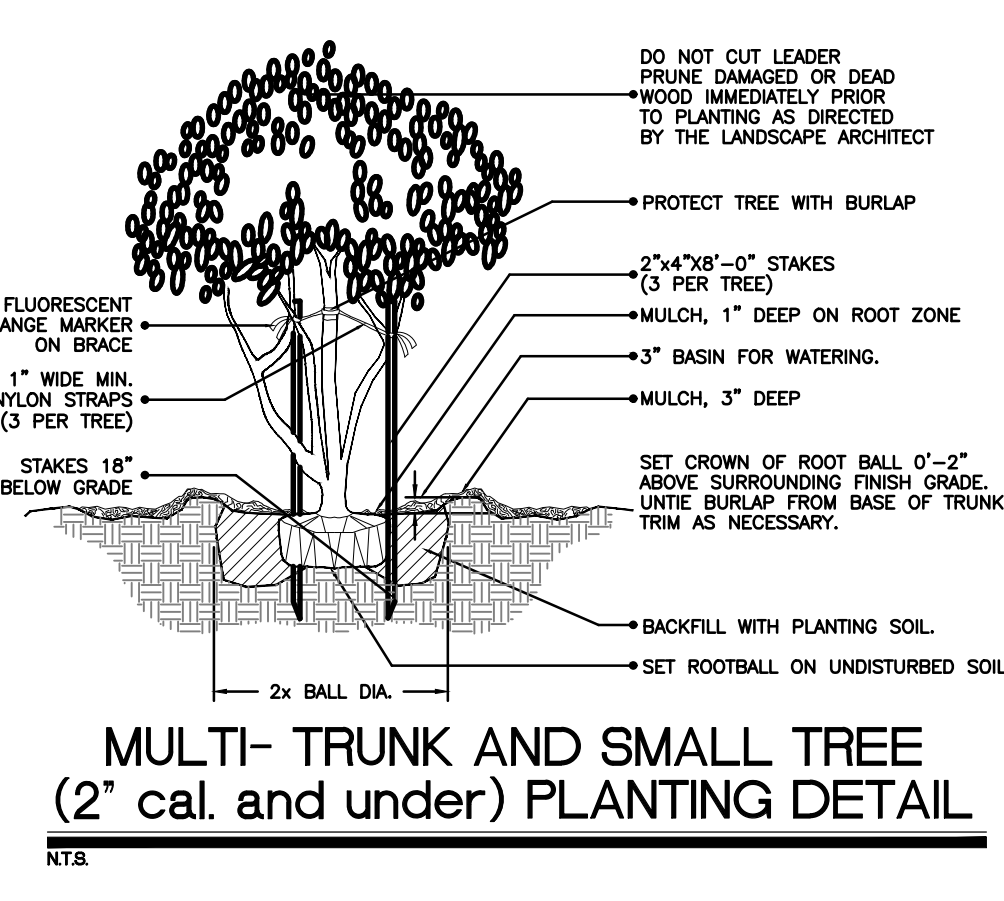
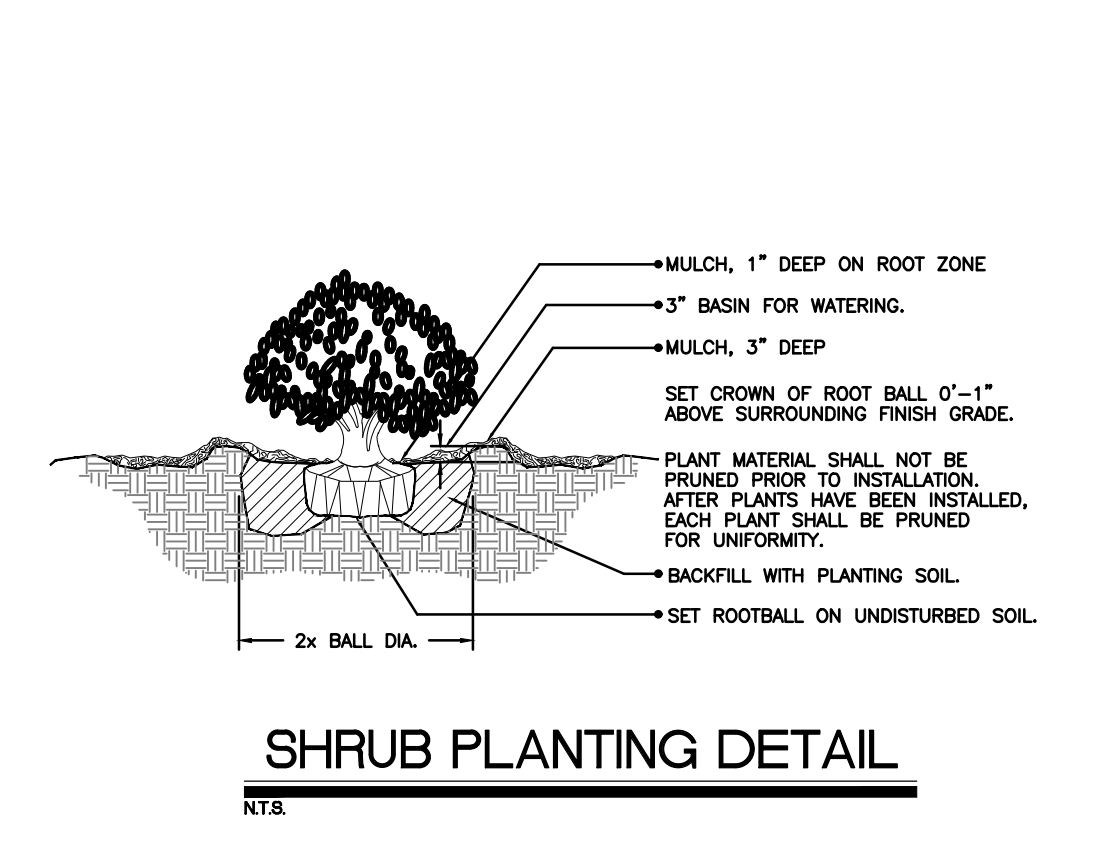


REVISIONS		Urban Forestry City of Pompano Beach	Typical Dumpster and Enclosure Layout and Screening Detail
By	Date		
KP	8/13		

Scale: Not to Scale



TYPICAL ROOT BARRIER APPLICATION DETAIL
NTS



COST ESTIMATE									
FESTIVAL MARKET PLACE (RETAIL BUILDING AND SERVICE STATION)									
Quantity	Trees	Common	Botanical	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	Unit Cost	Total (Whsl)
20	BS	Gumbo Limbo	Bursera simaruba	B & B	3\"/>				

DESIGN SPEED = 45 MPH
FDOT LANDSCAPE PERMIT #2020-L-491-0009

THOMAS ENGINEERING GROUP
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6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
TEL: (954) 202-7000
P: 561-203-7503

REVISIONS			
REV.	DATE	COMMENT	BY

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FDOT PERMIT

PROJECT No.: F190044
DRAWN BY: JLV
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DATE: 05-23-19
CAD I.D.: F190044 - LANDSCAPE PLAN-RT

**FESTIVAL MARKET PLACE
POMPAÑO BEACH, FL**

FOR
URBN DESIGN
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NORTH MIAMI, FL 33415

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MICHAEL D. GROSSWIRTH
REGISTERED LANDSCAPE ARCHITECT
FLORIDA BUSINESS REGISTRATION NO. 27528

SHEET TITLE:
LANDSCAPE SCHEDULE, NOTES & DETAILS - FDOT
SHEET NUMBER:
L-2.3

BEGIN PROJECT
MP 5.423

NOTE: TREE PLANTED IN SAMPLE ROAD
RIGHT-OF-WAY WILL REQUIRE A SEPARATE
FDOT LANDSCAPE PERMIT

PROPOSED
RIGHT-IN
RIGHT-OUT
APPROVED
BY FDOT

IT IS REQUIRED TO HAVE A
PRE-CONSTRUCTION MEETING WITH THE
URBAN FORESTRY STAFF PRIOR TO
COMMENCEMENT OF ANY LANDSCAPE
WORK OR SITE WORK AFFECTING EXISTING
TREES. CONTACT WADE COLLUM AT
954-545-7766 or wade.collum@copbfl.com

STATE ROAD 834
(SAMPLE ROAD)

PROPOSED
RETAIL/RESTAURANT BLDG.
25,500 S.F. (17 BAYS TOTAL)
F.F.E. = 14.00' N.A.V.D.

MATCHLINE (SEE SHEET L-3.1)

EXISTING
FESTIVAL FLEA MARKET
TO REMAIN

FDOT GENERAL NOTES

- GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY 2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).
website: <https://www.flot.gov/design/standardplans>
- GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, January 2020 Standard Specifications for Road and Bridge Construction.
website: <https://www.flot.gov/programmanagement/implemented/specbooks>
- Contractor shall repair all damage done to FDOT property during demolition, relocation &/or installation activities at his sole expense.
- Any plant material substitution within or impacting the FDOT Right of Way whether requested by the Contractor, Owner, Landscape Architect or other will need to get approval from the FDOT District Landscape Architect.
- Ownership of all suitable excavated materials, as determined by the Department, shall remain in the Department until a final acceptance of the permitted project is fulfilled. Excavated materials shall be hauled by the Permittee, at their cost & expense from the site to the Broward Operations Center or stockpiled in those areas as directed by the Department, including asphalt millings.

EXISTING IRRIGATION MAINLINE TO BE PRESERVED IN PLACE WHEREVER POSSIBLE. CUT/CAP/REROUTE EXISTING SYSTEM AS NECESSARY TO INSURE 100% COVERAGE FOR REMAINDER OF SHOPPING CENTER.

REFER TO SHEET L-3.2 FOR IRRIGATION NOTES AND SHEET L-3.3 FOR IRRIGATION DETAILS.

IRRIGATION SCHEDULE

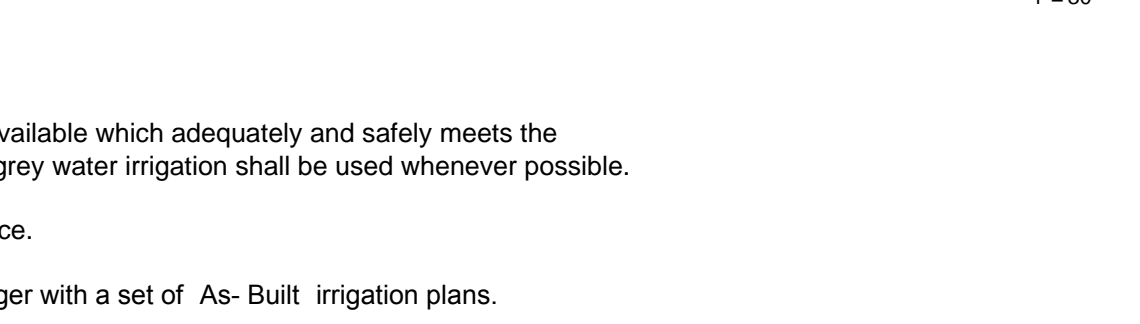
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
▲	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	11	30
▲	Rain Bird 1806-U-PRS UB Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	5	30
▲	Rain Bird 1806-U-PRS U12 Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	15	30
▲	Rain Bird 1806-U-PRS U15 Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	90	30
▲	Rain Bird 1806-U-PRS HE-VAN Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	2	30
▲	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	21	30
▲	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	200	30
▲	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	7	30
▲	Rain Bird 1812-PRS-U UB Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	10	30
▲	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	14	30
▲	Rain Bird 1812-PRS-U U10 Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	1	30
▲	Rain Bird 1812-PRS-U U12 Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	3	30
▲	Rain Bird 1812-PRS-U U15 Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	20	30
▲	Rain Bird 1812-PRS-U HE-VAN Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	2	30
▲	Rain Bird 1804-1400 Flood Flood Bubbler 4" pop-up	253	40

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle	16	25	0.54	15'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle	37	25	0.77	20'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle	2	25	1.06	23'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle	16	25	1.40	27'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle	26	25	2.17	29'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle	38	25	2.97	31'
▲	Rain Bird P-PP Plastic Nozzle with Plug Performance.	8	65	10.7	58'

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
▲	Rain Bird XCZ-100-PRF-BF Drip Control Kit, 1" (25mm) DV Valve, 1" (25mm) pressure regulating back flush filter.	2
▲	Rain Bird MDCFCAP Diaphragm Flush Valve cap in compression fitting coupler.	4
▲	Rain Bird AR Valve Kit 1" Air Relief Valve kit with 6" drip valve box.	4
▲	Area to Receive Dripeline Netafim TLCV6-1618 Landscape Dripeline with 0.6gph emitters at 18" o.c. (2.2' gph @ 0.45 m) with check valve, pressure compensation, 14.7psi min. to 50psi max. (1 to 3.5 bar). Dripeline laterals spaced at 18" (0.46 m) apart, with emitters offset for triangular pattern.	5,826 s.f.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
▲	Rain Bird PEB 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability. Globe Configuration.	23
▲	Buckner Superior AV 3/4", 1", 1-1/4", 1-1/2", and 2" Red Brass Angle Shut Off Valves with Cross Handle.	6
▲	Rain Bird ESP12LXMEF-LXMSS with (2) ESPLXMSM12 36 Station Commercial Controller. Stainless Steel Metal Cabinet. Flow Sensing.	1
▲	Rain Bird RSD-BEX Rain Sensor, with bracket, extension wire	1
▲	10hp Centrifugal Pump, 165 TDH, 65 psi 6" Cased Well	1

—	Irrigation Lateral Line: PVC Class 160 SDR 26	17,670 L.F.
—	Irrigation Mainline: PVC Class 200 SDR 21	2,500 L.F.
—	Pipe Sleeve: PVC Schedule 80 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 16 inches beyond edges of paving or construction.	687.9 L.F.



FDOT IRRIGATION NOTES

- The irrigation system shall use the lowest quality water available which adequately and safely meets the water needs of the system. Storm water, reclaim water, or grey water irrigation shall be used whenever possible.
- FDOT requires 24 hour emergency access to water source.
- Contractor shall provide FDOT District Operations Manager with a set of As-Built irrigation plans.

DESIGN SPEED = 45 MPH
FDOT LANDSCAPE PERMIT #2020-L-491-0009

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 CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
 6300 NW 31ST AVENUE FORT LAUDERDALE, FL 33309
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REVISIONS

REV.	DATE	REVISIONS	BY

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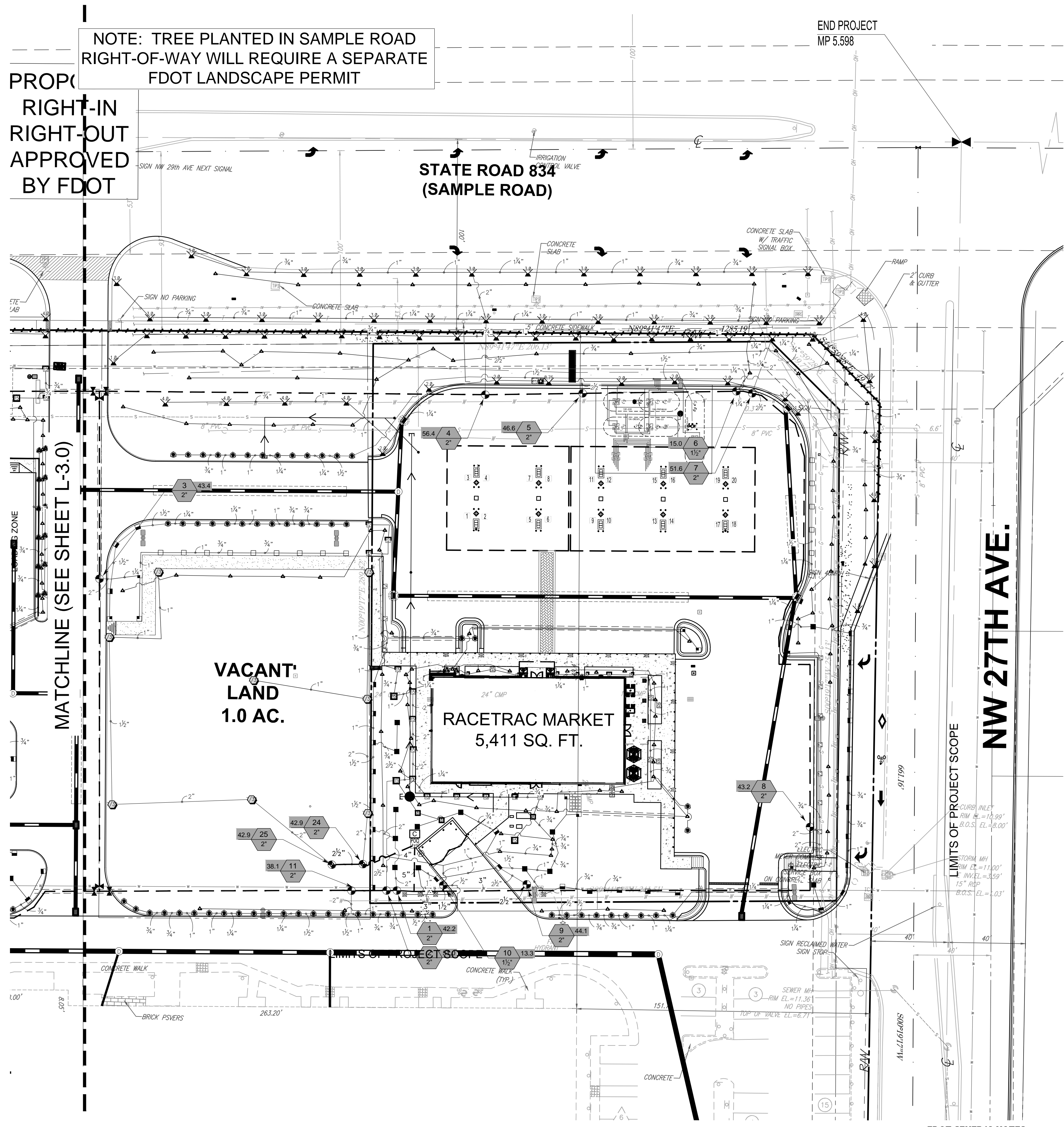
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MICHAEL D. GROSSWIRTH
 REGISTERED LANDSCAPE ARCHITECT
 October 31, 2020
 FLORIDA BUSINESS REGISTRATION NO. 27528

SHEET TITLE:
IRRIGATION SCHEMATIC
 SHEET NUMBER:
L-3.0



NOTE: TREE PLANTED IN SAMPLE ROAD RIGHT-OF-WAY WILL REQUIRE A SEPARATE FDOT LANDSCAPE PERMIT

PROPOSED RIGHT-IN RIGHT-OUT APPROVED BY FDOT

IT IS REQUIRED TO HAVE A PRE-CONSTRUCTION MEETING WITH THE URBAN FORESTRY STAFF PRIOR TO COMMENCEMENT OF ANY LANDSCAPE WORK OR SITE WORK AFFECTING EXISTING TREES. CONTACT WADE COLLUM AT 954-545-7766 or wade.collum@copbfl.com

- FDOT PLANTING NOTES**
- For the portion of landscape plant material that will be installed within the FDOT Right of Way, landscape installation shall comply with current applicable FDOT Maintenance Specification 580. Online Reference: <https://www.fdot.gov/programmanagement/maintenance/2019-ian/maintenance-specifications-january-2020>
 - For the portion of landscape plant material that will be installed within the FDOT Right of Way refer to the FDOT Standard Plans Index 580-001 Landscape Installation. Online Reference: https://dotwww.blob.core.windows.net/sitefinity/docs/default-source/design/standardplans/2021/580-001.pdf?sfvrsn=94338985_2
 - Cypress Mulch is not permitted on FDOT right of way. Mulch permitted to be used are Hardwood Mulch (containing no Cypress products), Recycled Mulch or approved equal, certified by the Mulch and Soil Council (MSC). Submit proof of certification to the FDOT District Operations Permit Landscape Inspector upon inspection.
 - Sodded areas will be in accordance with Standard Plans Index 570-010 and Standard Specifications Sections 162, 570, 981, 982, 983, 987 of the Department's latest edition of Governing Design Standards and Standard Specifications. All disturbed areas will be sodded within one (1) week of installation of said permitted work.

EXISTING IRRIGATION MAINLINE TO BE PRESERVED IN PLACE WHEREVER POSSIBLE. CUT/CAP/REROUTE EXISTING SYSTEM AS NECESSARY TO INSURE 100% COVERAGE FOR REMAINDER OF SHOPPING CENTER.

REFER TO SHEET L-3.2 FOR IRRIGATION NOTES AND SHEET L-3.3 FOR IRRIGATION DETAILS.

- FDOT GENERAL NOTES**
- GOVERNING STANDARD PLANS:**
Florida Department of Transportation, FY 2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).
website: <https://www.fdot.gov/design/standardplans>
 - GOVERNING STANDARD SPECIFICATIONS:**
Florida Department of Transportation, January 2020 Standard Specifications for Road and Bridge Construction.
website: <https://www.fdot.gov/programmanagement/implemented/specbooks>
 - Contractor shall repair all damage done to FDOT property during demolition, relocation &/or installation activities at his sole expense.
 - Any plant material substitution within or impacting the FDOT Right of Way whether requested by the Contractor, Owner, Landscape Architect or other will need to get approval from the FDOT District Landscape Architect.
 - Ownership of all suitable excavated materials, as determined by the Department, shall remain in the Department until a final acceptance of the permitted project is fulfilled. Excavated materials shall be hauled by the Permittee, at their cost & expense from the site to the Broward Operations Center or stockpiled in those areas as directed by the Department, including asphalt millings.

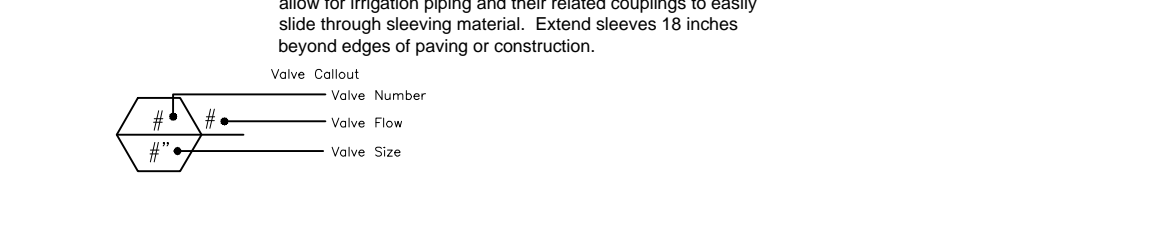
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
▲	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, Pressure Regulating.	11	30
▲	Rain Bird 1806-U-PRS US Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, Pressure Regulating.	5	30
▲	Rain Bird 1806-U-PRS U12 Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, Pressure Regulating.	15	30
▲	Rain Bird 1806-U-PRS U15 Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, Pressure Regulating.	90	30
▲	Rain Bird 1806-U-PRS HE-VAN Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, Pressure Regulating.	2	30
▲	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, Pressure Regulating.	21	30
▲	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, Pressure Regulating.	200	30
▲	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, With Pressure Regulating Device.	7	30
▲	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, With Pressure Regulating Device.	10	30
▲	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, With Pressure Regulating Device.	14	30
▲	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, With Pressure Regulating Device.	1	30
▲	Rain Bird 1812-PRS-U 112 Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, With Pressure Regulating Device.	3	30
▲	Rain Bird 1812-PRS-U 115 Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, With Pressure Regulating Device.	20	30
▲	Rain Bird 1812-PRS-U HE-VAN Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2" NPT Female Threaded Inlet, With Pressure Regulating Device.	2	30
▲	Rain Bird 1804-1400 Flood Flood Bubble 4" pop-up.	253	40

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle.	16	25	0.54	15'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle.	37	25	0.77	20'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle.	2	25	1.06	23'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle.	16	25	1.40	27'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle.	26	25	2.17	29'
▲	Rain Bird 3500-S Shrub Rotor, adjustable and full circle.	38	25	2.97	31'
▲	Rain Bird PN-PP Plastic Nozzle with Plug Performance.	8	65	10.7	58'

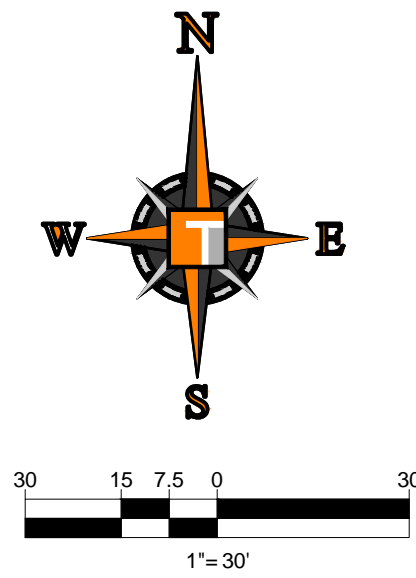
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
▲	Rain Bird XC2-100-PRF-BF Drip Control Kit, 1" (25mm) DV valve, 1" (25mm) pressure regulating back flush filter.	2
▲	Rain Bird MDGFCAP DripLine Flush Valve cap in compression fitting coupler.	4
▲	Rain Bird AR Valve Kit 1" Air Relief Valve kit with 6" drip valve box.	4
▲	Area to Receive DripLine Netafim TLCV-1818 Landscape DripLine with 0.5gph emitters at 18" o.c. (2.2' gph @ 0.45 m) with check valve, pressure compensation, 14.7psi min. to 50psi max. (1 to 3.5 bar), DripLine laterals spaced at 18" (0.46 m) apart, with emitters offset for rectangular pattern.	5,826 s.f.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
▲	Rain Bird PEB 1" 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration.	23
▲	Buckner Superior AV 3/4", 1", 1 1/4", 1 1/2", and 2" Red Brass Angle Shut Off Valves with Cross Handle.	6
▲	Rain Bird ESP12LXMEF-LXMMSS with (02) ESPLXMSM12 36 Station Commercial Controller. Stainless Steel Metal Cabinet. Flow Sensing.	1
▲	Rain Bird RSD-6EX Rain Sensor, with bracket, extension wire.	1
▲	10hp Centrifugal Pump, 165 TDH, 65 psi 6" Cased Well.	1
▲	Irrigation Lateral Line: PVC Class 160 SDR 26	17,670 LI.
▲	Irrigation Mainline: PVC Class 200 SDR 21	2,500 LI.
▲	Pipe Sleeve: PVC Schedule 80 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 18 inches beyond edges of paving or construction.	687.9 LI.



FDOT IRRIGATION NOTES

- The irrigation system shall use the lowest quality water available which adequately and safely meets the water needs of the system. Storm water, reclaim water, or grey water irrigation shall be used whenever possible.
- FDOT requires 24 hour emergency access to water source.
- Contractor shall provide FDOT District Operations Manager with a set of As-Built irrigation plans.



DESIGN SPEED = 45 MPH
FDOT LANDSCAPE PERMIT #2020-L-491-00009

THOMAS ENGINEERING GROUP
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REVISIONS

REV.	DATE	COMMENT	BY

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FDOT PERMIT

PROJECT No.:	F190044
DRAWN BY:	JV
CHECKED BY:	MDG
DATE:	05-23-19
CAD I.D.:	F190044 - IRRIGATION PLAN-RT

FESTIVAL MARKETPLACE POMPANO BEACH, FL

FOR
URBN DESIGN
 696 NE 125TH STREET
 NORTH MIAMI, FL 33415

THOMAS ENGINEERING GROUP

6300 NW 31ST AVENUE
 FORT LAUDERDALE, FL 33309
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 FX: (954) 202-7070
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MICHAEL D. GROSSWIRTH
 REGISTERED LANDSCAPE ARCHITECT
 FLORIDA BUSINESS REGISTRATION NO. 190871
 FLORIDA BUSINESS REGISTRATION NO. 27528

SHEET TITLE:
IRRIGATION SCHEMATIC
 SHEET NUMBER:
L-3.1

Project: Festival Marketplace, 6300 NW 31st Ave, Pompano Beach, FL 33068. IRRIGATION PLAN-RT AND RETAIL - FDOT - XAVIOR, L-3.1
 © NUBIN DESIGN (2019) PROJECT # 2019-004 - FESTIVAL MARKETPLACE SITE PLANS 2020-04-06 IRRIGATION PLAN-RT AND RETAIL - FDOT - XAVIOR, L-3.1

IRRIGATION SCHEDULE

Table with 5 columns: SYMBOL, MANUFACTURER/MODEL/DESCRIPTION, QTY, PSI, and additional specifications for various irrigation components like Rain Bird 1800-U-PRS, Rain Bird 1812-PRS-U, and Rain Bird 3500-S.

VALVE SCHEDULE

Table with 13 columns: NUMBER, MODEL, SIZE, TYPE, GPM, HEADS, PIPE, WIRE, DESIGN PSI, FRICTION LOSS, PSI, PSI @ POC, and PRECIP, listing details for various Rain Bird PEB models.

WATERING SCHEDULE

Table with 9 columns: NUMBER, MODEL, TYPE, PRECIP, IN/WEEK, MIN/WEEK, GAL/WEEK, GAL/DAY, detailing watering frequencies and volumes for different Rain Bird models.

CRITICAL ANALYSIS

Table with 2 columns: P.O.C. NUMBER/1 and Water Source Information/6" Cased Well, detailing flow available (150.00 gpm) and pressure available (65.00 psi) at the critical station.

IRRIGATION NOTES

- 1. ALL LOCAL MUNICIPAL AND STATE LAWS, RULES AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK...

NOTE A: POINT OF CONNECTION SHALL BE 10HP CENTRIFUGAL PUMP AND 6" CASED WELL. VERIFY THE ACTUAL LOCATION, SIZE AND WATER PRESSURE IN THE FIELD PRIOR TO STARTING WORK...

MINIMUM PRESSURE REQUIRED 34.93 PSI @ POC
DESIGN WATER PRESSURE 65 PSI
MAXIMUM SYSTEM DEMAND 69.34 GPM

NOTE B: CONTROLLER IS ASSPECIFIED. CONTRACTOR TO VERIFY FINAL LOCATION AND ZONE CAPACITY OF CONTROLLER AND ELECTRICAL POC SHALL BE CONFIRMED WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO STARTING WORK.

NOTE C: MAINLINE AND RELATED EQUIPMENT SHOWN WITHIN PAVING FOR CLARITY ONLY. ACTUAL MAINLINE AND RELATED EQUIPMENT LOCATION TO BE WITHIN PLANTER AND A MINIMUM OF 18" OFF ADJACENT HARDSCAPE AND OTHER OBSTACLES TYP.

NOTE D: CONTRACTOR SHALL ADJUST ALL HEADS AS REQUIRED TO ACCOMMODATE ANY VERTICAL OBSTRUCTIONS THAT MAY OCCUR, INCLUDING BUT NOT LIMITED TO LIGHT POLES, FIRE HYDRANTS, ETC. VERIFY ALL HEAD LAYOUT WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO STARTING WORK.

NOTE E: BUBBLERS AND LATERAL LINES ARE SHOWN WITHIN PAVING FOR CLARITY ONLY. ACTUAL LOCATION TO BE WITHIN PLANTER. BUBBLERS SHALL BE ALIGNED WITH TREES AND AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE. CONFIRM ALL LAYOUT IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO STARTING WORK.

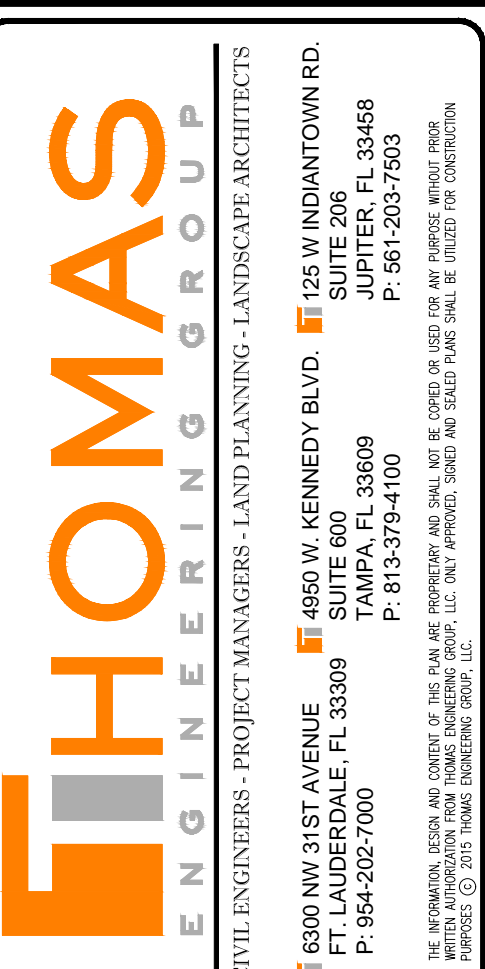


Table for REVISIONS with columns: REV#, DATE, COMMENT, BY#.

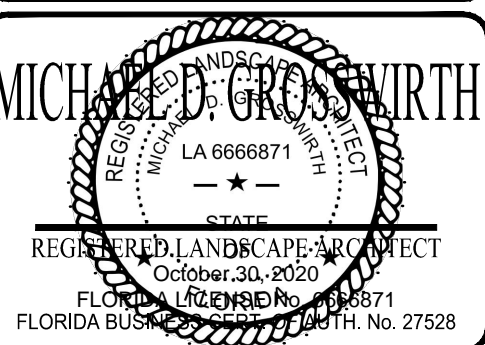
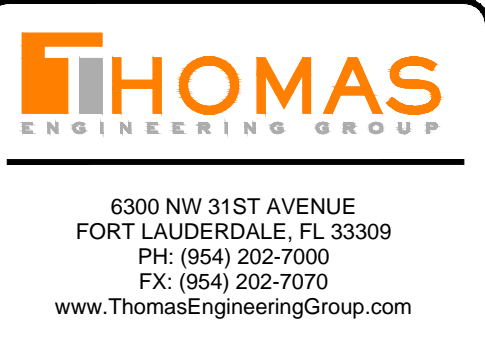


FDOT PERMIT

PROJECT No.: F190044
DRAWN BY: JV
CHECKED BY: MDG
DATE: 05-23-19
CAD I.D.: F190044 - IRRIGATION PLAN-RT

FESTIVAL MARKETPLACE
POMPANO BEACH, FL

URBN DESIGN
696 NE 125TH STREET
NORTH MIAMI, FL 33415

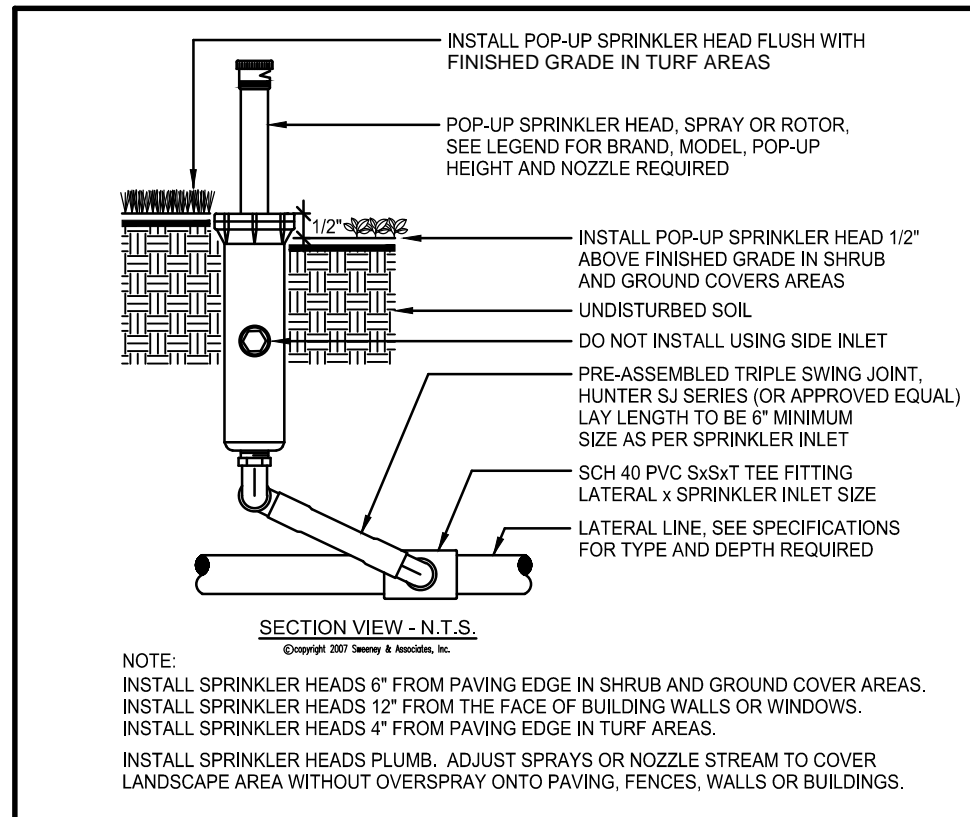


SHEET TITLE: IRRIGATION NOTES

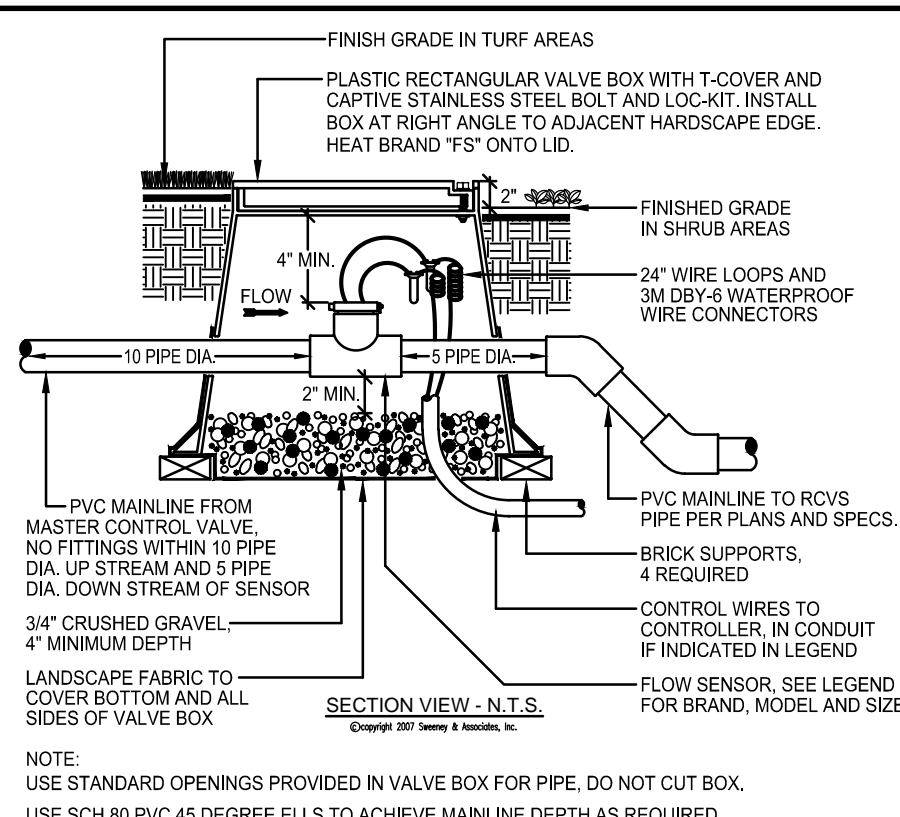
SHEET NUMBER: L-3.2

DESIGN SPEED = 45 MPH
FDOT LANDSCAPE PERMIT #2020-L-491-0009

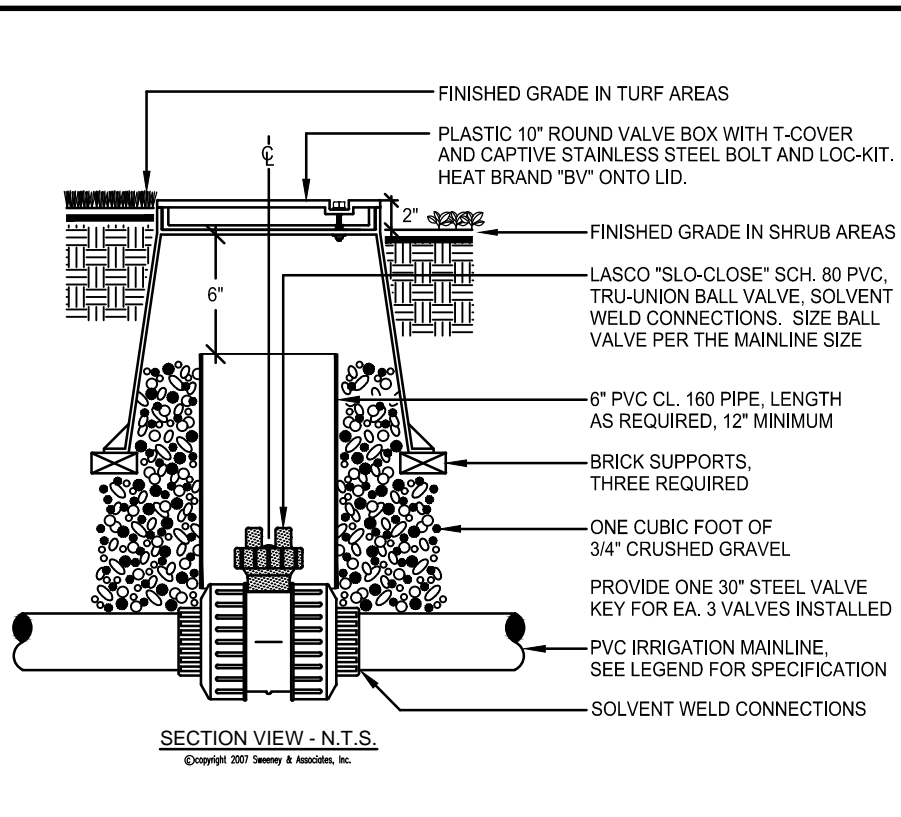
Project: Festival Marketplace, Pompano Beach, FL; Date: 05/23/19; By: Michael D. Grosswirth; Title: IRRIGATION PLAN-RT AND RETAIL - FDOT - L-3.2



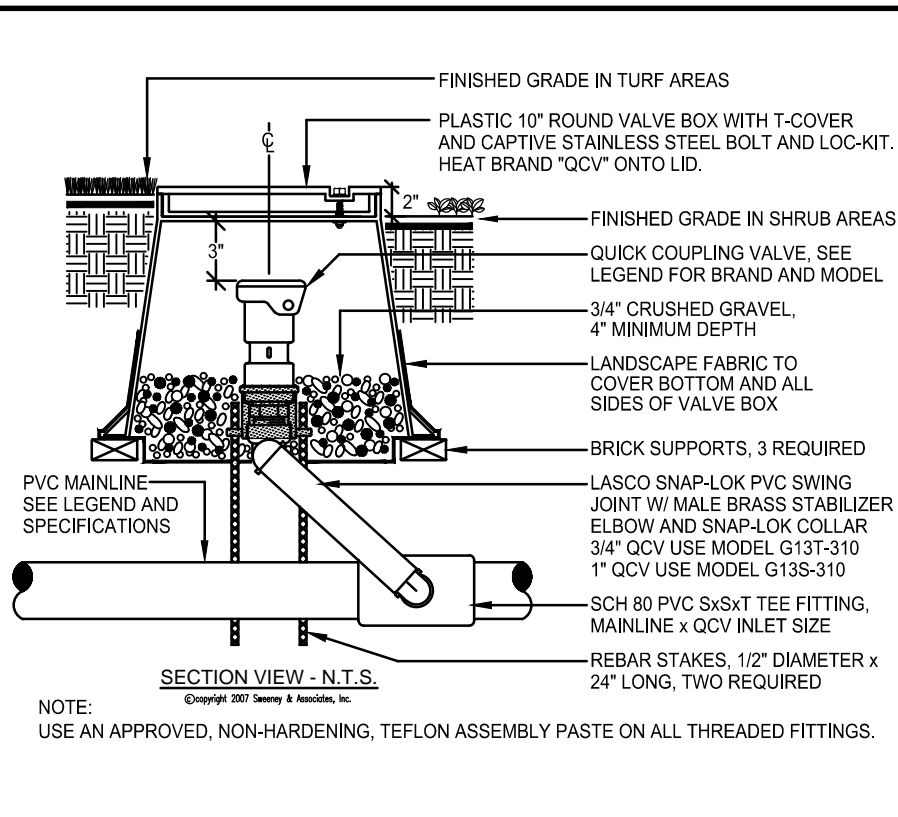
(A) POP-UP SPRINKLER



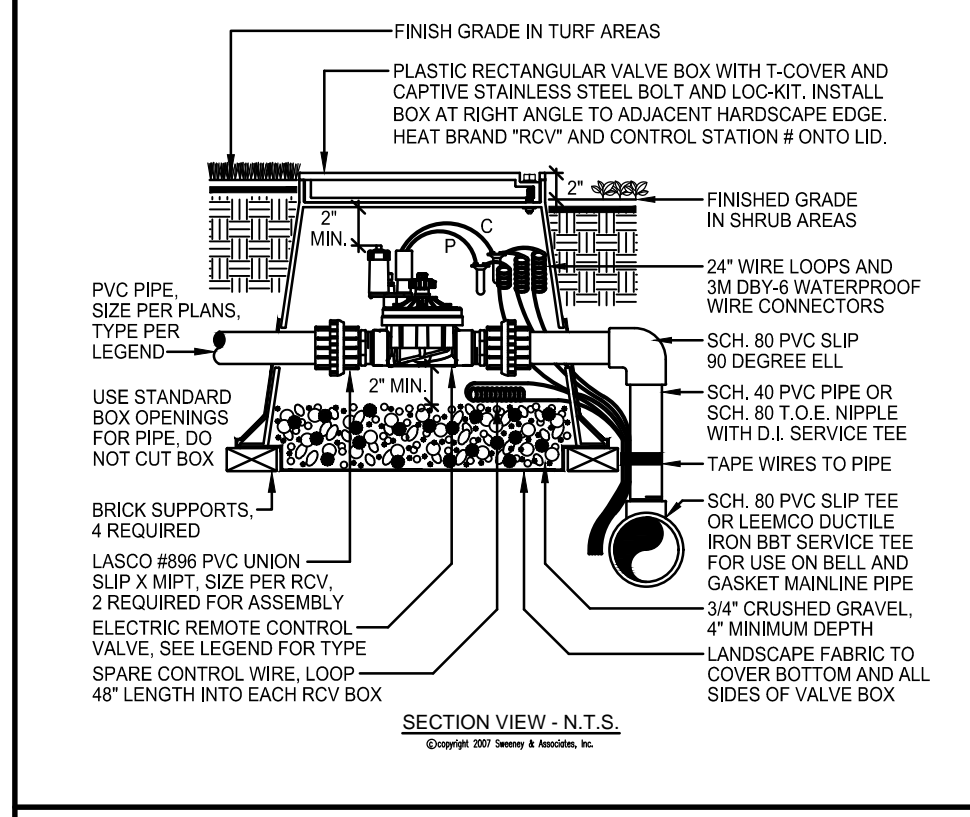
(C) FLOW SENSOR



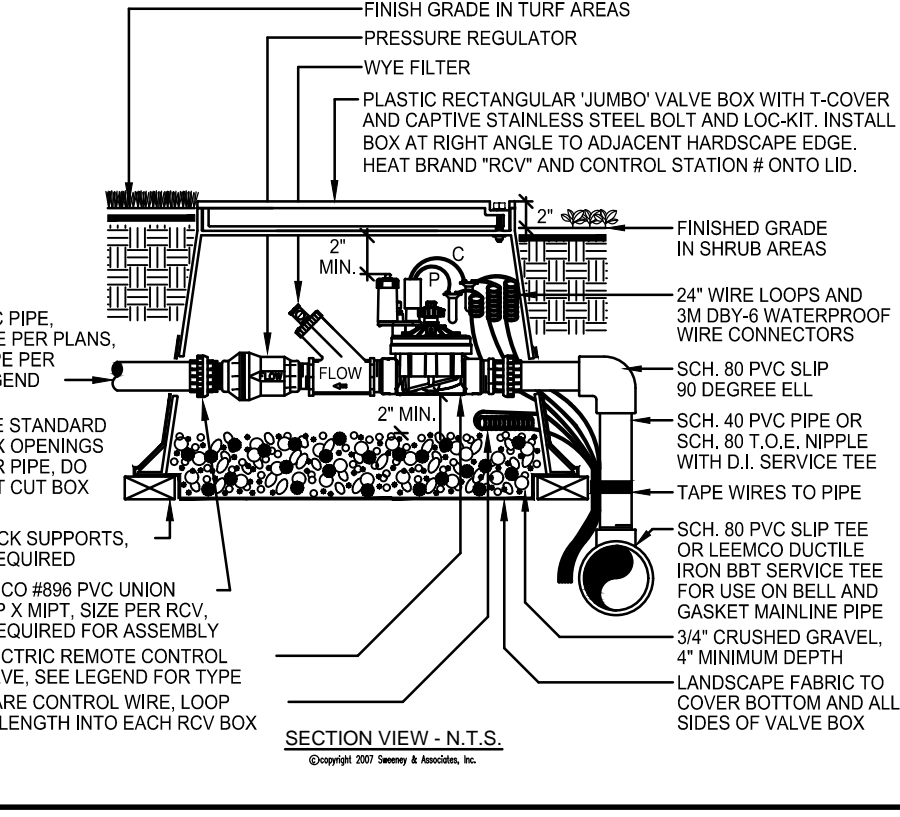
(D) BALL VALVE



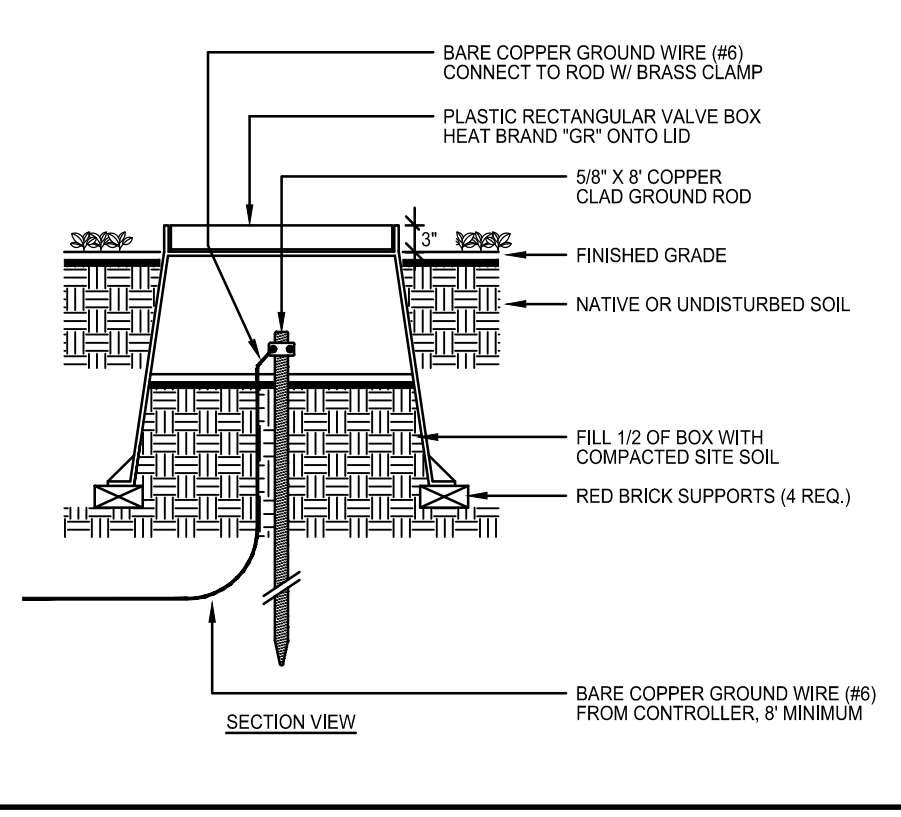
(E) QUICK COUPLER VALVE



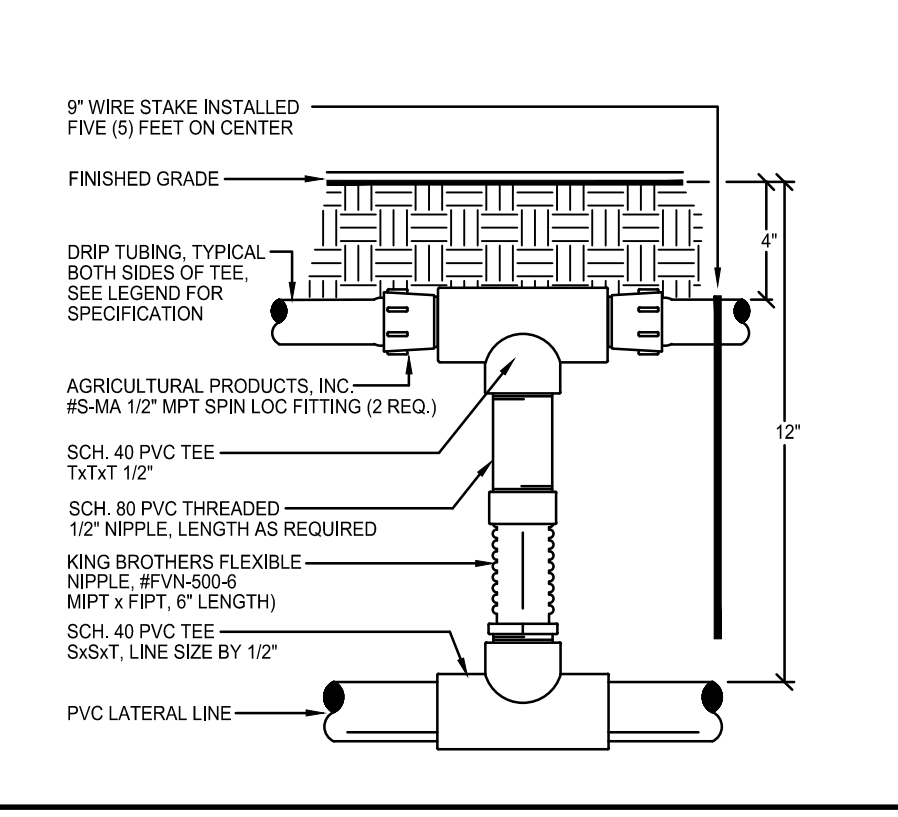
(F) REMOTE CONTROL VALVE



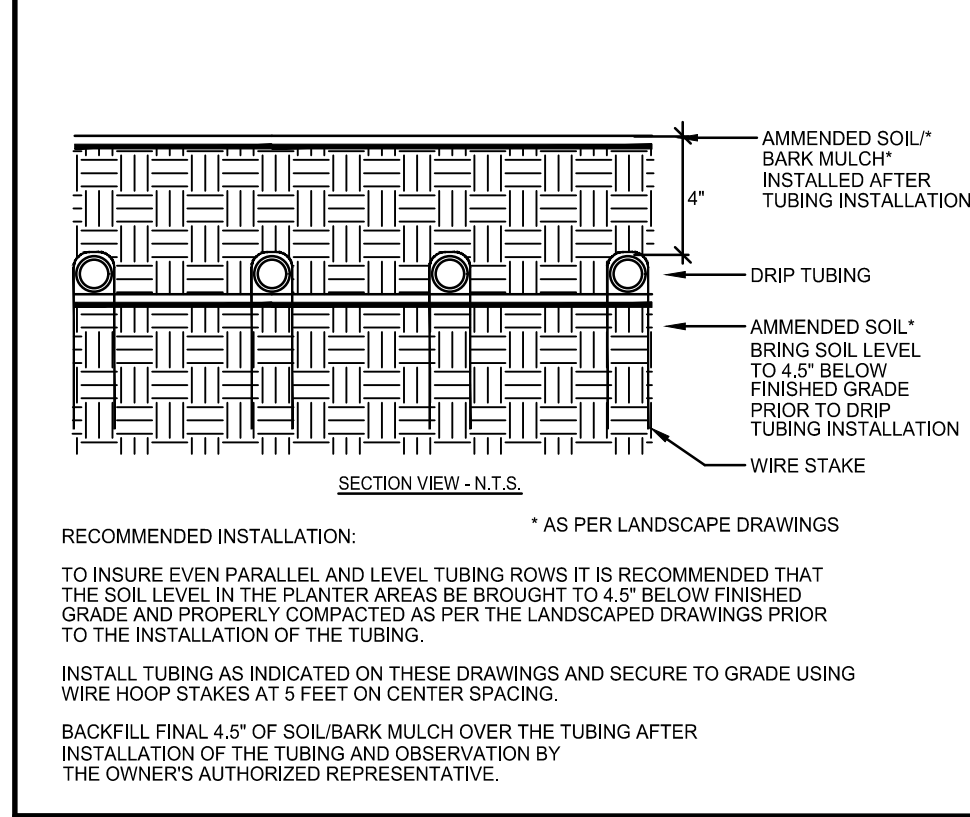
(G) DRIP RCV ASSEMBLY



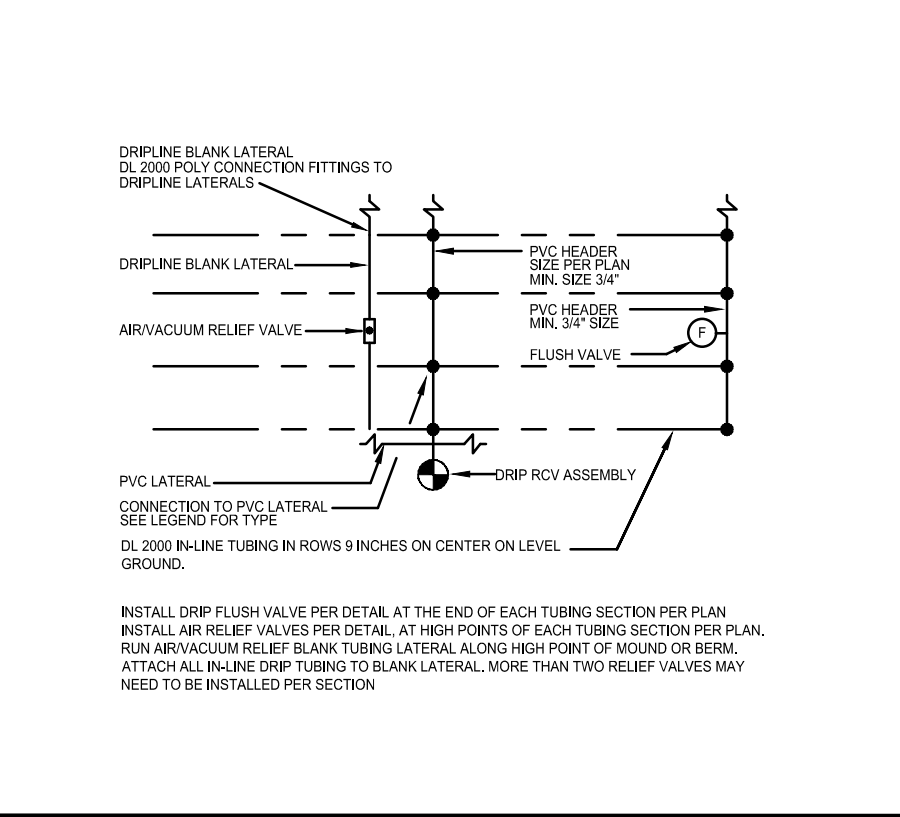
(I) GROUND ROD INSTALLTION



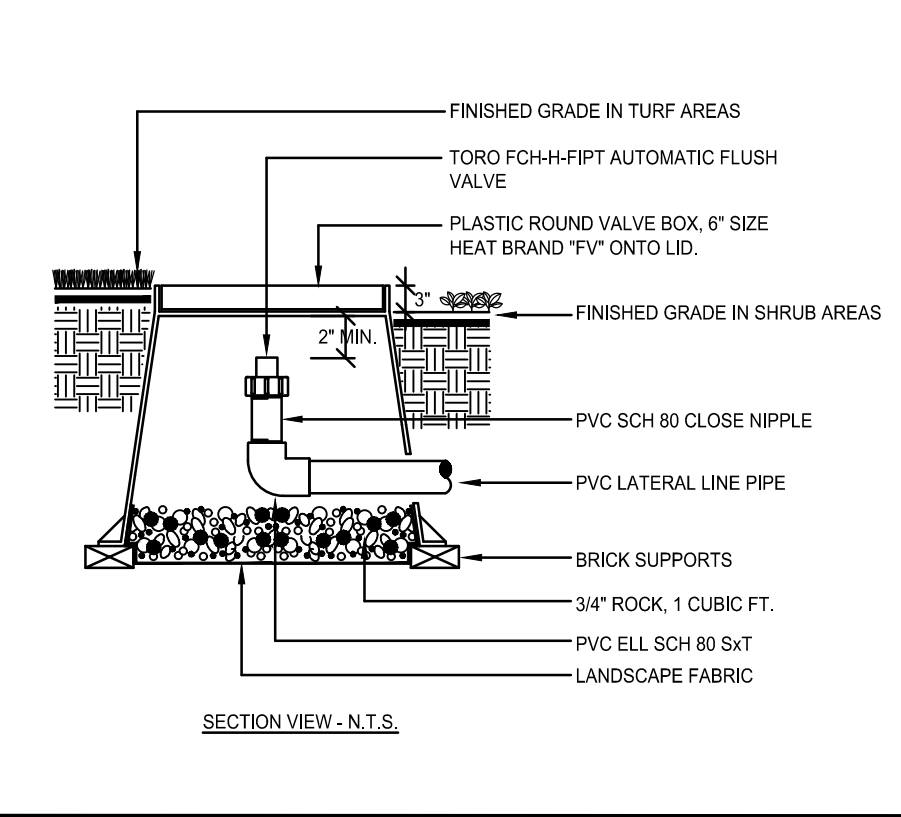
(J) DRIPLINE TUBING



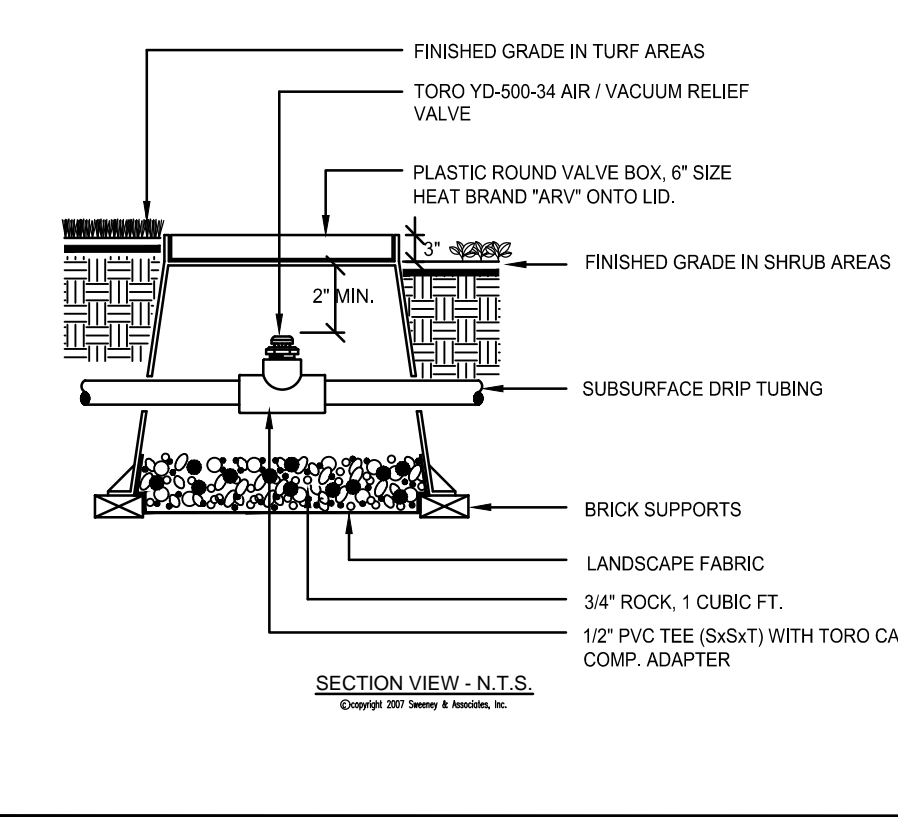
(K) DRIPLINE CONNECTION(SECTION)



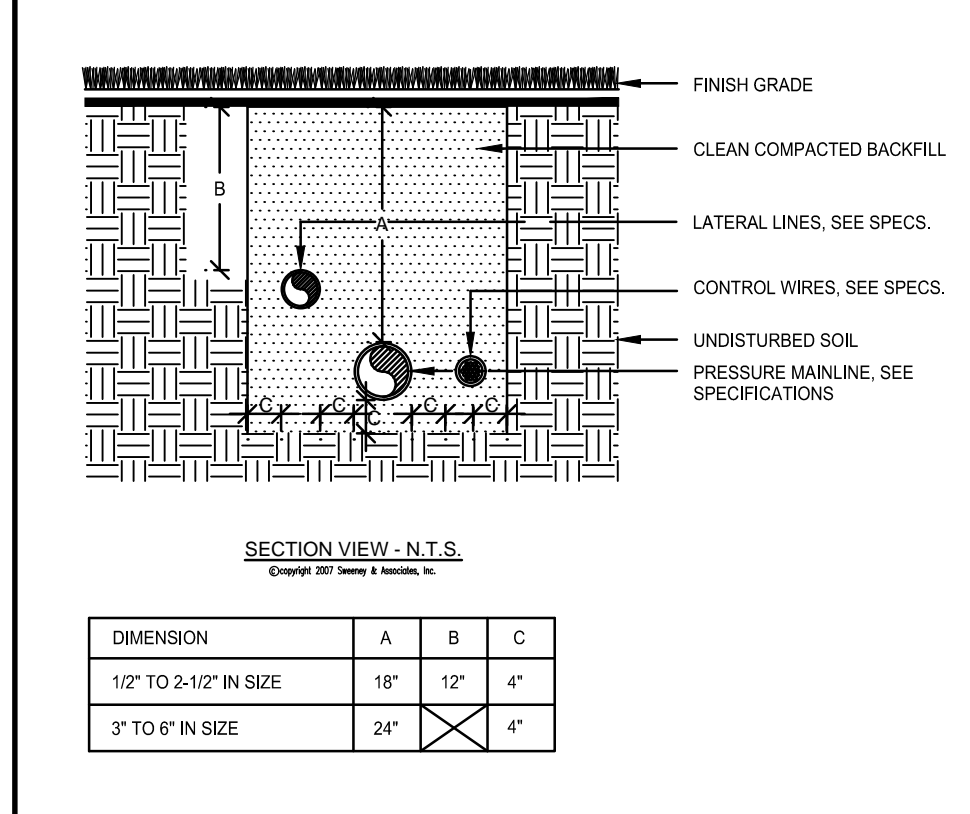
(L) DRIPLINE CONNECTION(PLAN)



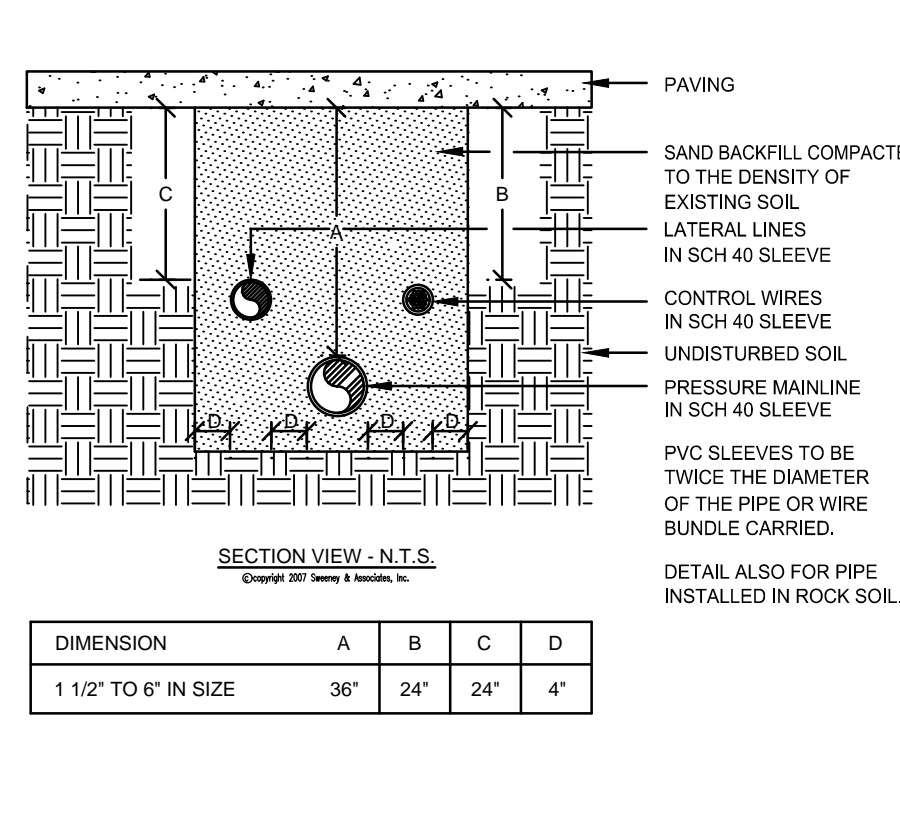
(M) DRIP FLUSH VALVE



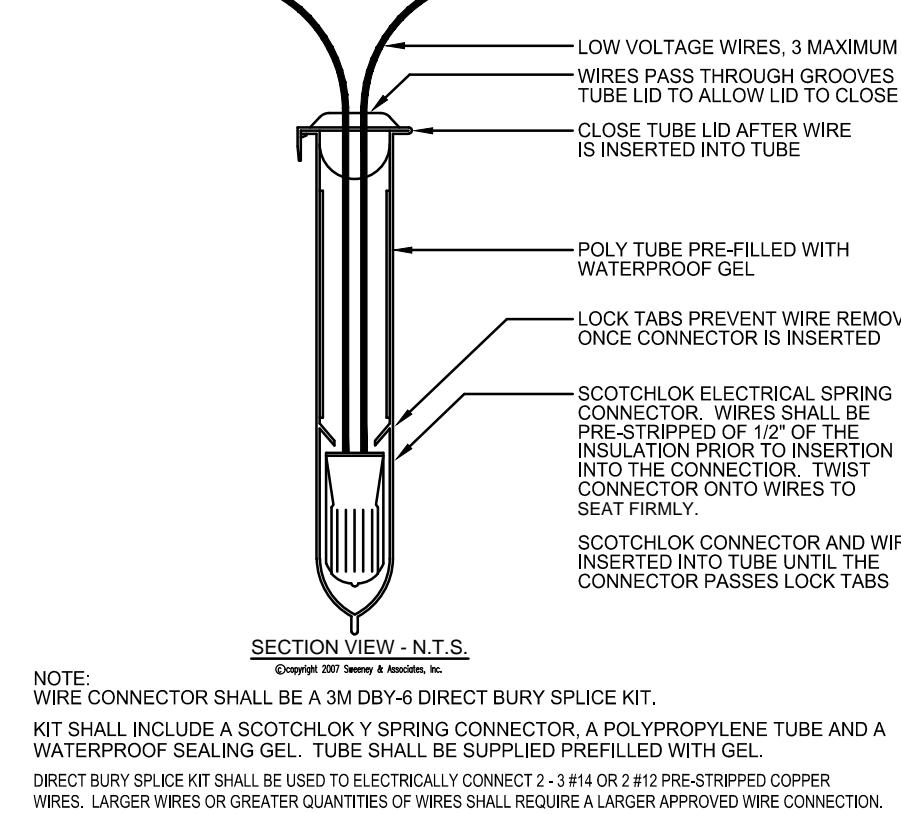
(N) DRIP AIR RELIEF VALVE



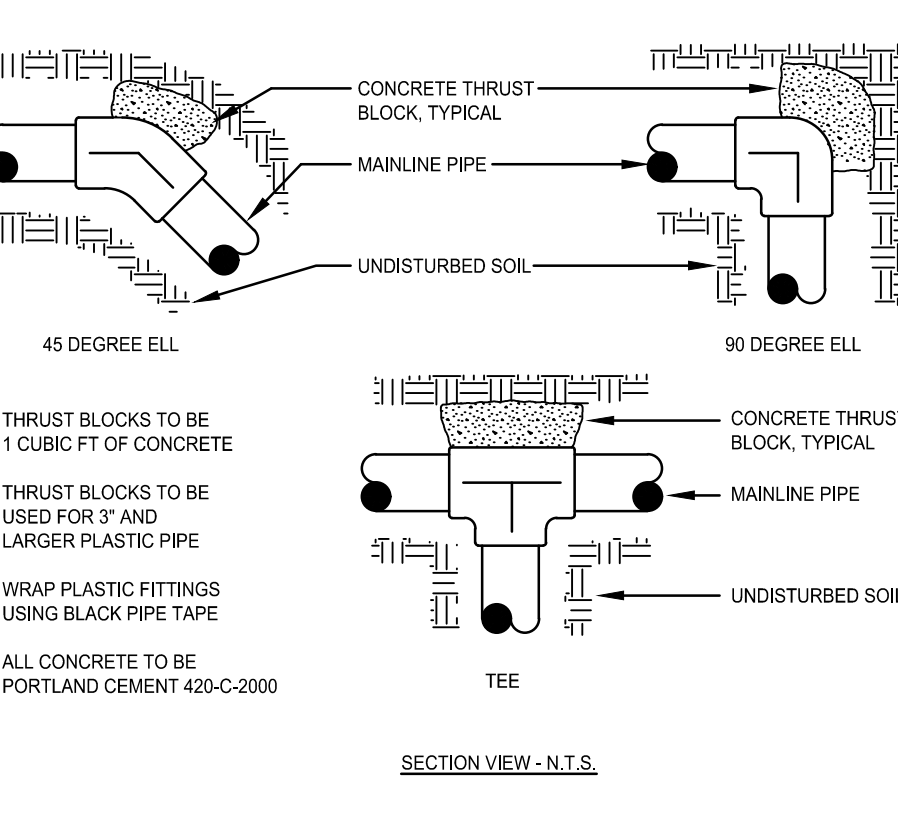
(O) PIPE INSTALLATION



(P) SLEEVE INSTALLATION



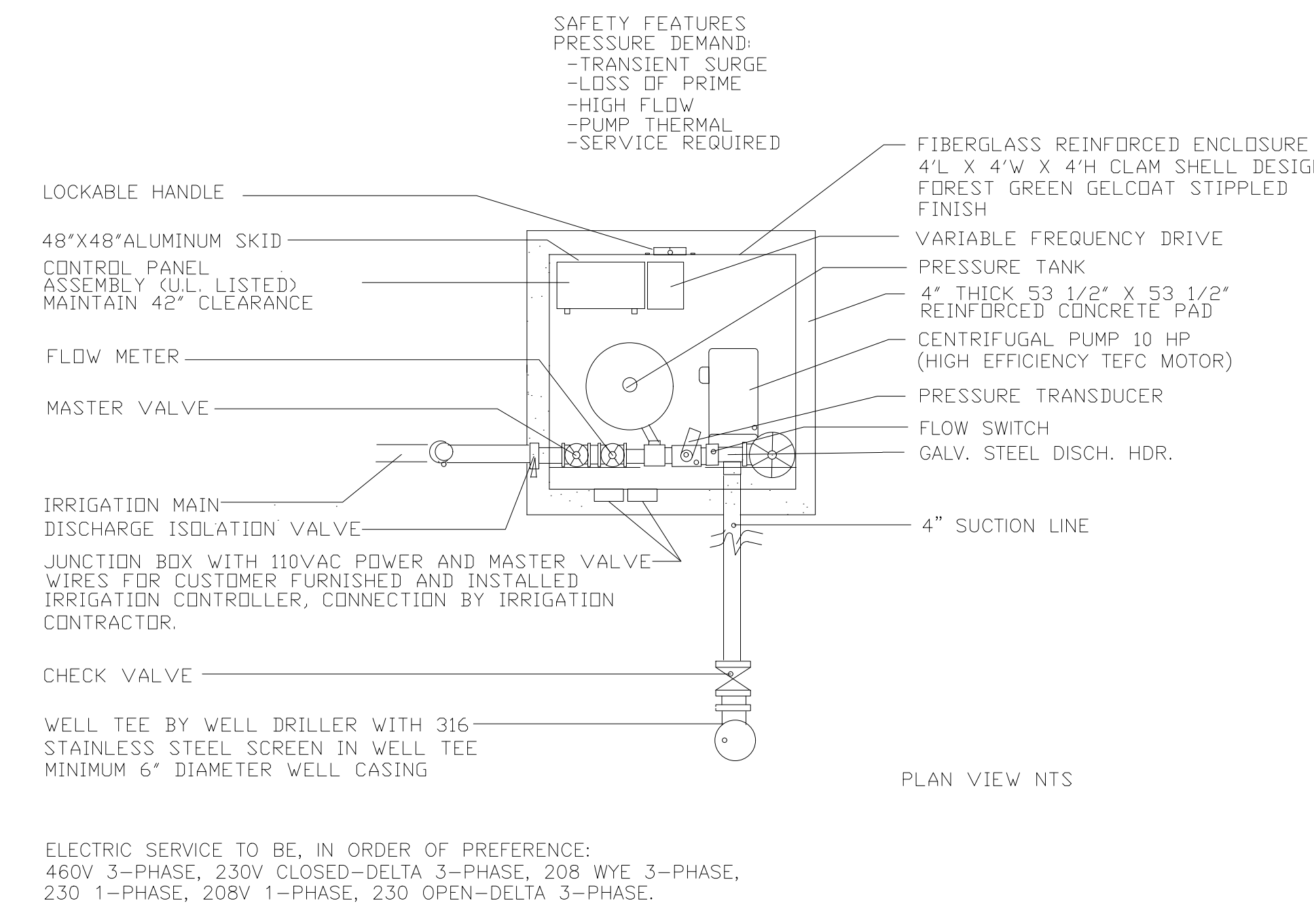
(Q) WIRE CONNECTION



(R) THRUST BLOCKING

NOTE: SUCTION PIPE SHALL BE SCHED 40 GALVANIZED STEEL WITH GALVANIZED ROLL GROOVE FITTINGS FROM THE PUMP TO THE WELL TEE. CHECK VALVES 3\"/>

- * FEATURES ARE INCLUDED IF MARKED WITH AN 'X'
- X VARIABLE FREQUENCY DRIVE
- X IRRIGATION CONTROLLER WITH RAIN SENSOR ON 8' POLE.
- X PRESSURE TANK FOR PRESSURE DEMAND SYSTEMS



PUMP PERFORMANCE:
150 GPM @ 165 TDH, 60 PSI

HOOVER PUMPING MODEL: HCF-10PDV-230/3-M,W,Z FILE PN15079.DWG 11/18
Pompano Beach, Florida, Tel: 954-971-7350

CENTRIFUGAL PUMP SYSTEM DETAIL
FIBERGLASS ENCLOSED SINGLE WELL SUCTION
PRESSURE DEMAND VARIABLE FREQUENCY DRIVE
HOOVER GREEN

*OR APPROVED EQUAL

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 LICENSE NO. LA 6666871
 REGISTRATION EXPIRES: OCTOBER 31, 2020
 FLORIDA BUSINESS AND PROFESSIONAL REGULATION BOARD
 FLORIDA BUSINESS AND PROFESSIONAL REGULATION BOARD
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SHEET TITLE:
IRRIGATION DETAILS
 SHEET NUMBER:
L-3.3