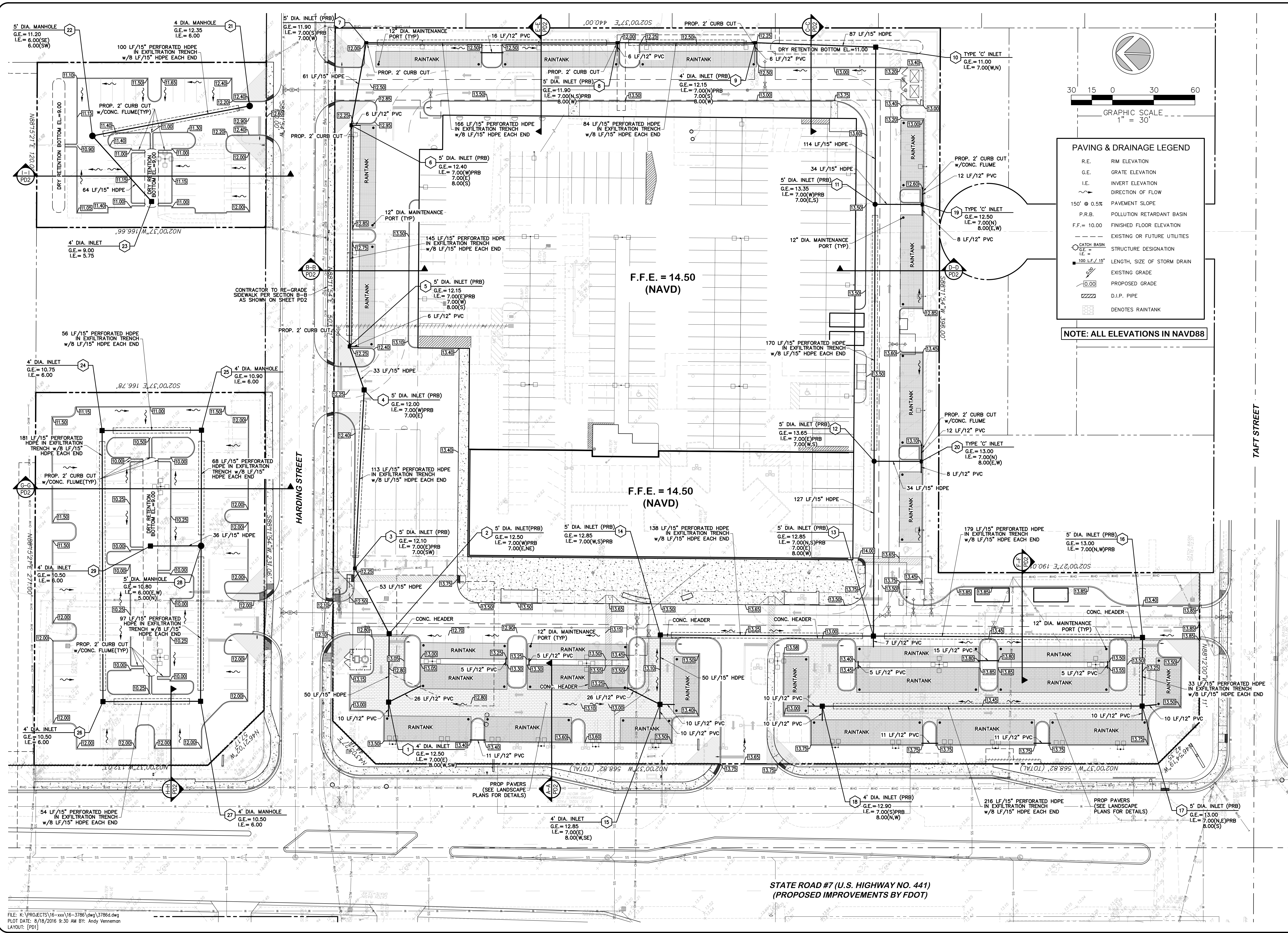


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Sun-Tech Engineering, Inc.

Engineers - Planners - Surveyors
1600 West Oakland Park Boulevard
Ft. Lauderdale, FL 33311
www.suntecheng.com

REVISIONS

DESCRIPTION

NO.

DATE

NO.

DATE

NO.

DATE

NO.

DATE

NO.

DATE

NO.

DATE

NO.

DATE

NO.

TOYOTA OF HOLLYWOOD

FLORIDA

PAVING, GRADING &
DRAINAGE PLAN

DATE:

Aug. 2016

SCALE:

1" = 30'

DESIGNED BY:

M.G.

DRAWN BY:

A.E.V.

JOB NUMBER

16-3786

SHEET No.

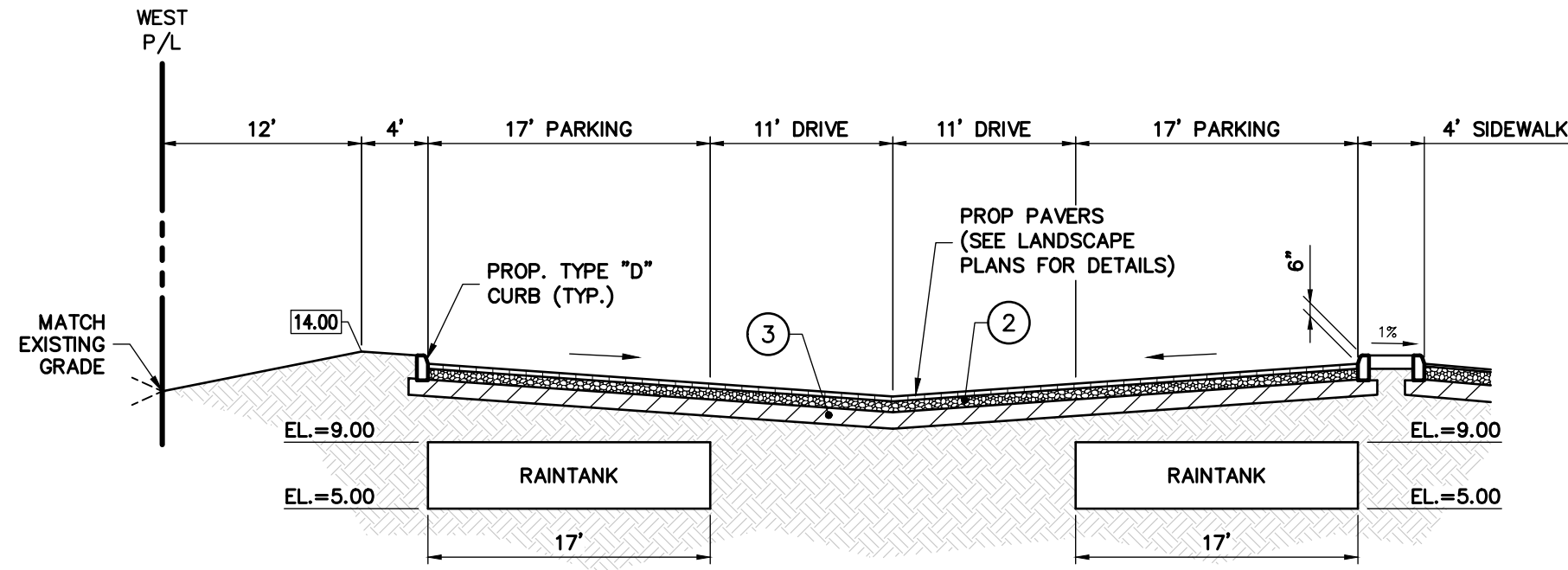
PD1

SEAL

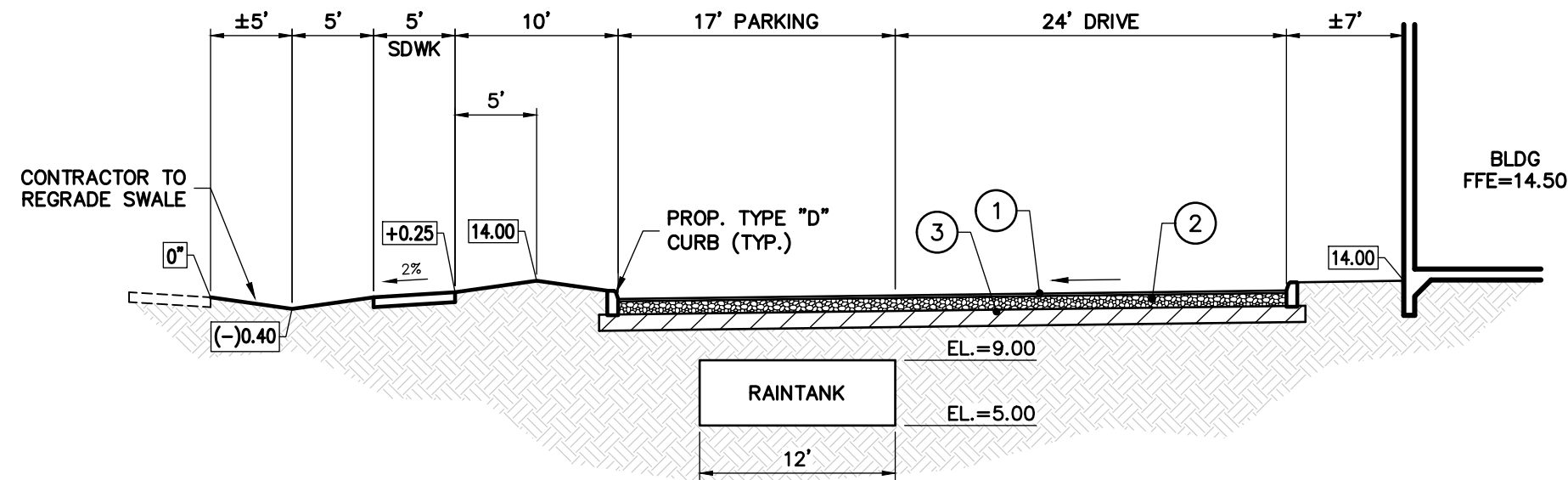
Aug 18 2016

CLIFFORD R. LOUTAN, P.E.

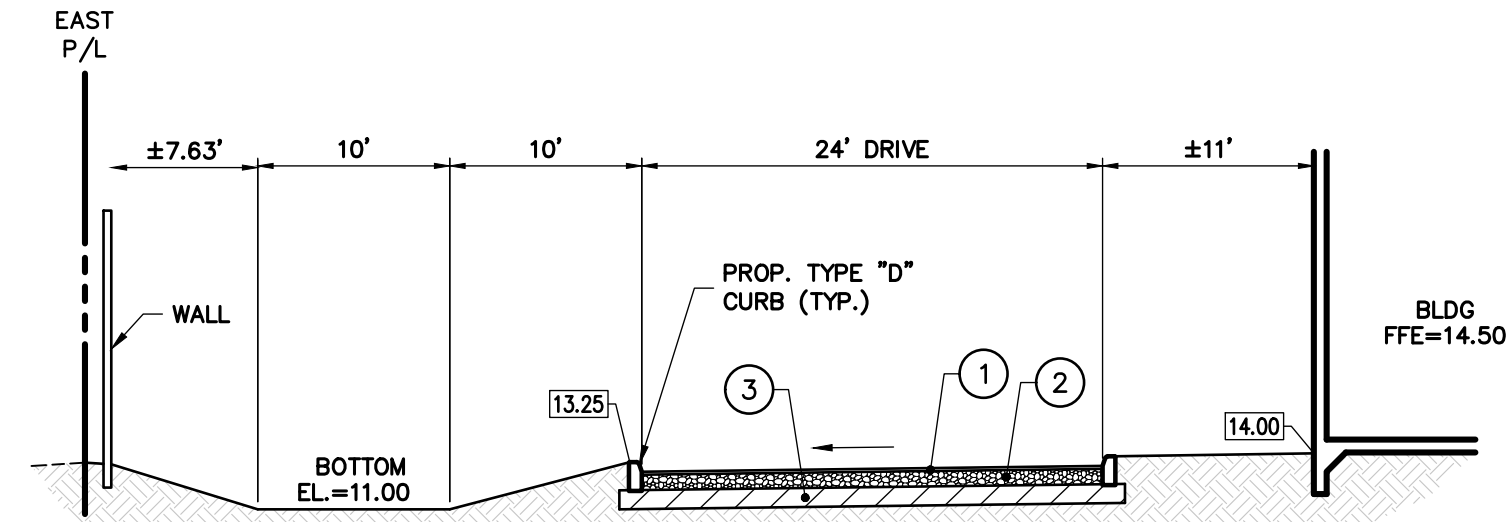
FL. REG. NO. 56890



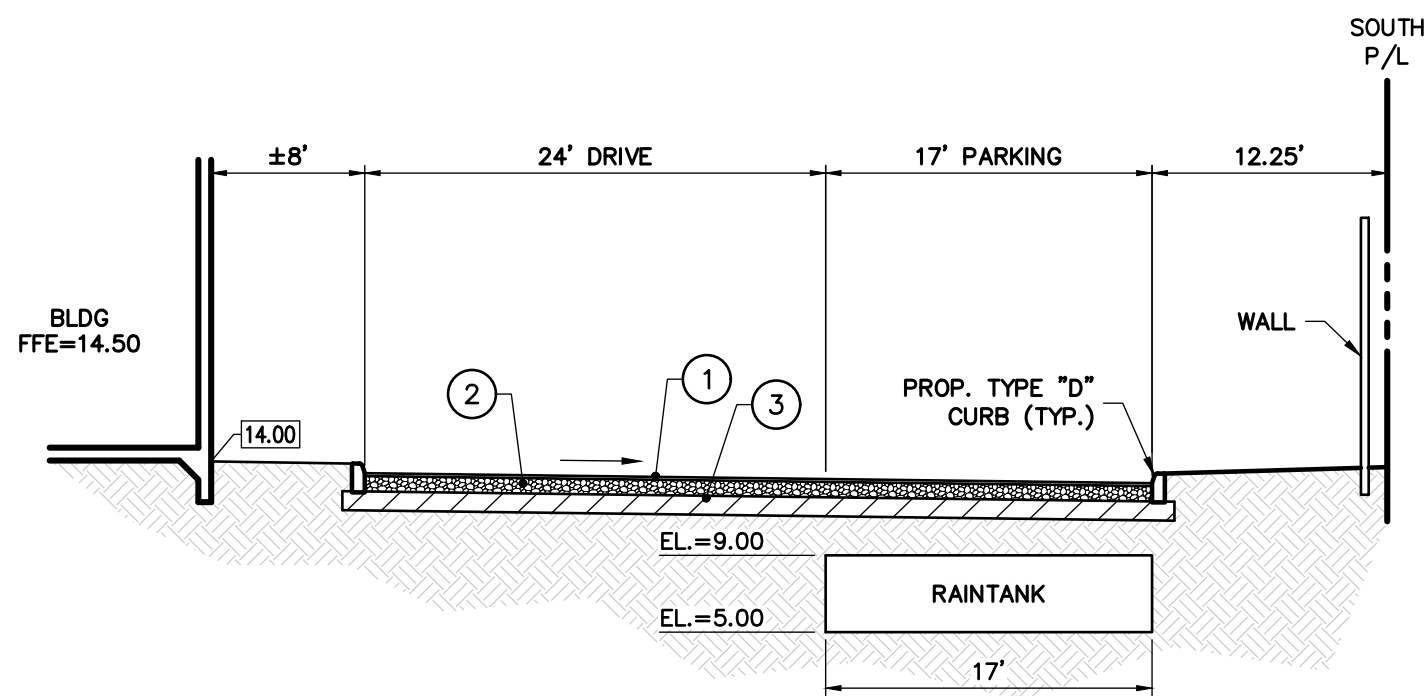
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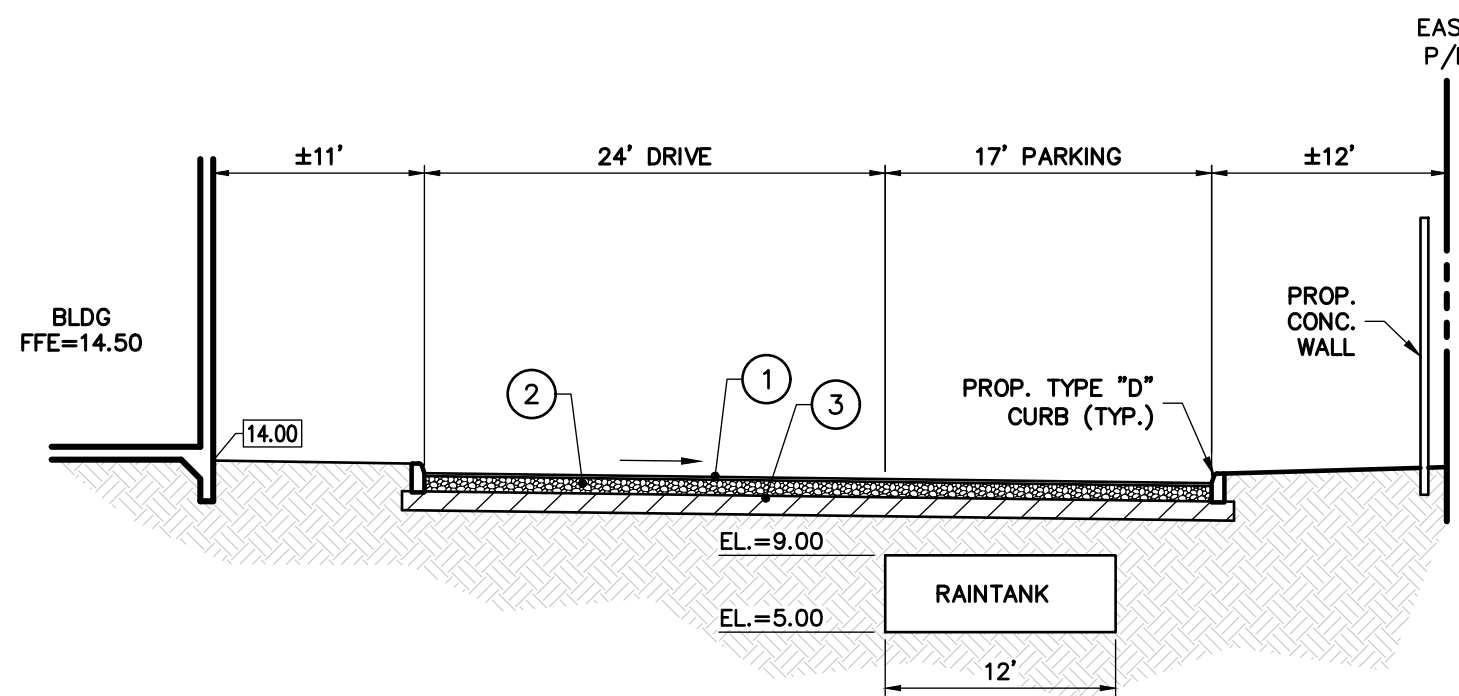
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SECTION "C-C"
SCALE: 1"=10'

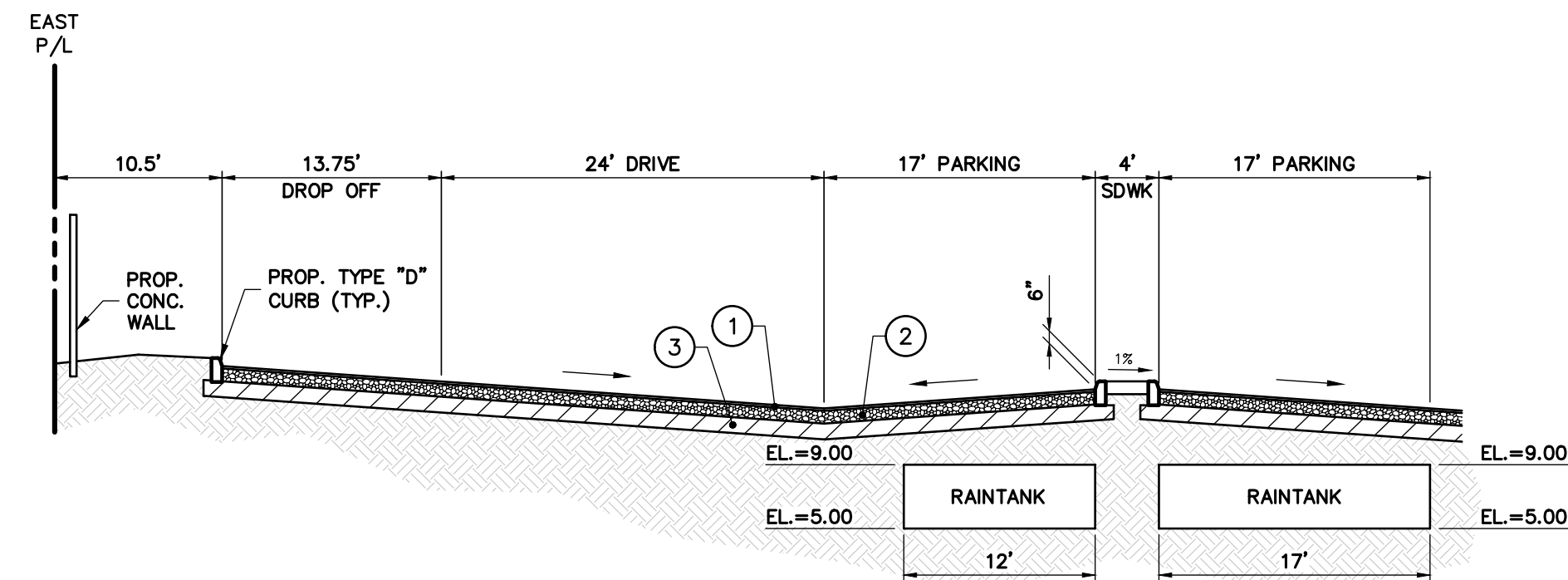


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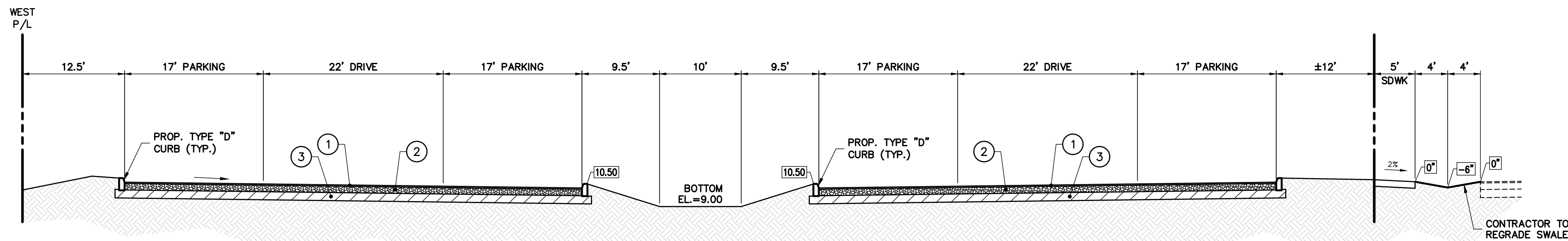


SECTION "E-E"
SCALE: 1"=10'

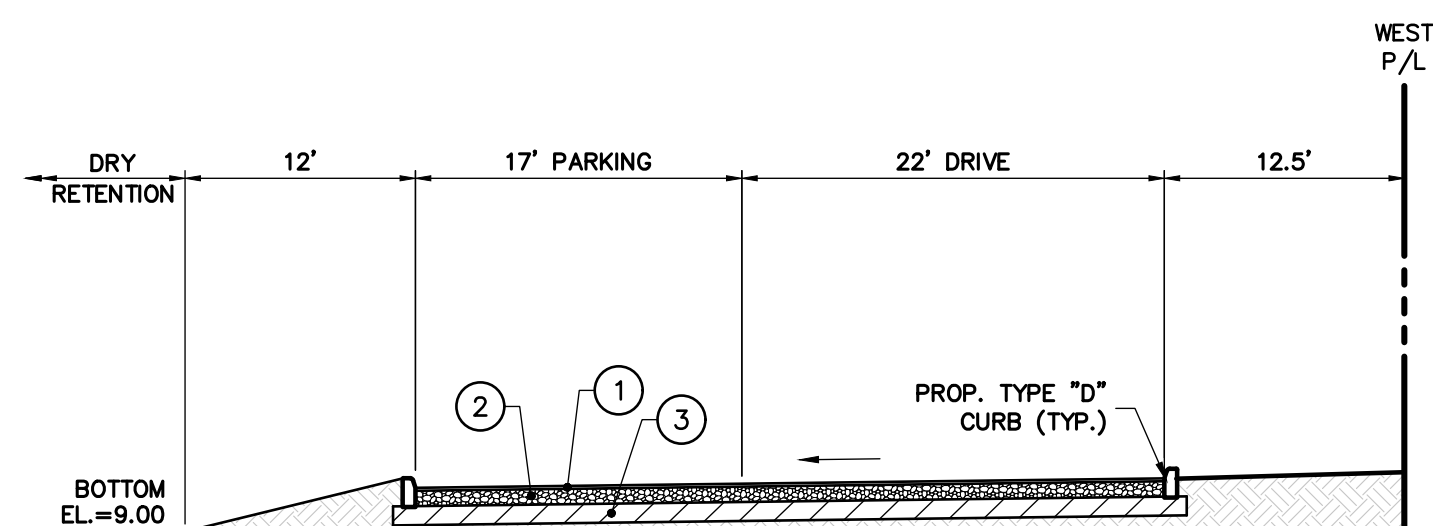
- NOTES:
1. THE WEARING SURFACE SHALL BE 1-1/2" THICK, DOUBLE COURSE, TYPE S-III ASPHALTIC CONCRETE, OVER PRIME COAT.
 2. THE BASE COURSE SHALL BE 8" LIMEROCK (70% CALCIUM), COMPACTED IN ACCORDANCE WITH A.A.S.H.T.O. SPECIFICATION T-180 TO 98% MAXIMUM DENSITY.
 3. ALL ORGANIC AND YIELDING MATERIAL WITHIN THE LIMITS SHOWN SHALL BE REMOVED AND REPLACED WITH CLEAN FILL. THE SUBBASE SHALL EXTEND 12" BELOW THE BASE COURSE, SHALL BE COMPACTED IN ACCORDANCE W/ AASHTO SPECIFICATIONS T180 TO 98% MAXIMUM.



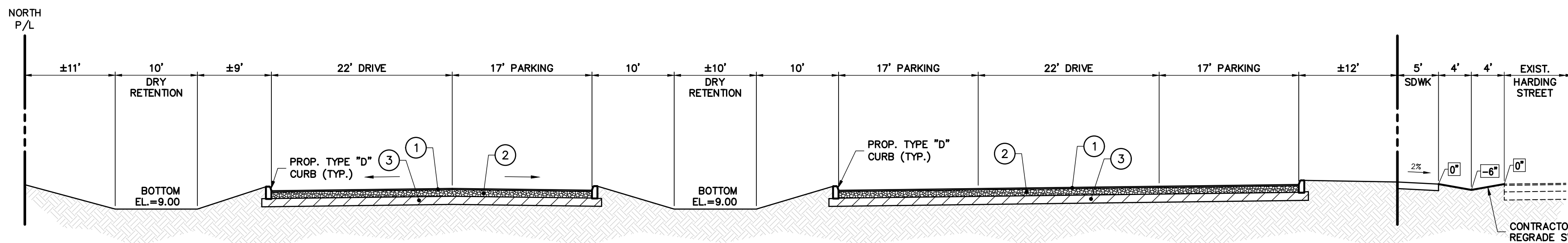
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SCALE: 1"=10'



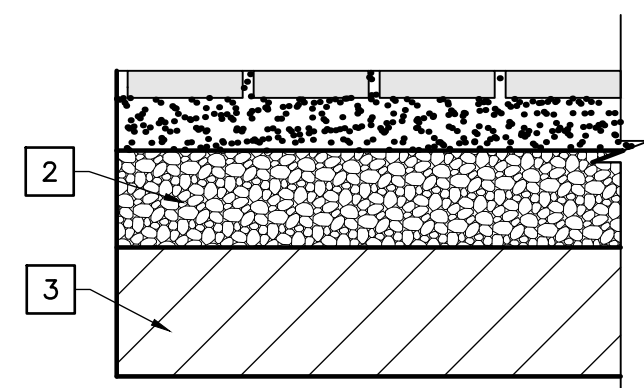
SECTION "G-G"
SCALE: 1"=10'



SECTION "H-H"
SCALE: 1"=10'



SECTION "I-I"
SCALE: 1"=10'



PAVER BLOCK SECTION

REVISIONS	
NO.	DESCRIPTION

DATE:
Aug. 2016

SCALE:
N.T.S.

DESIGNED BY:
M.G.

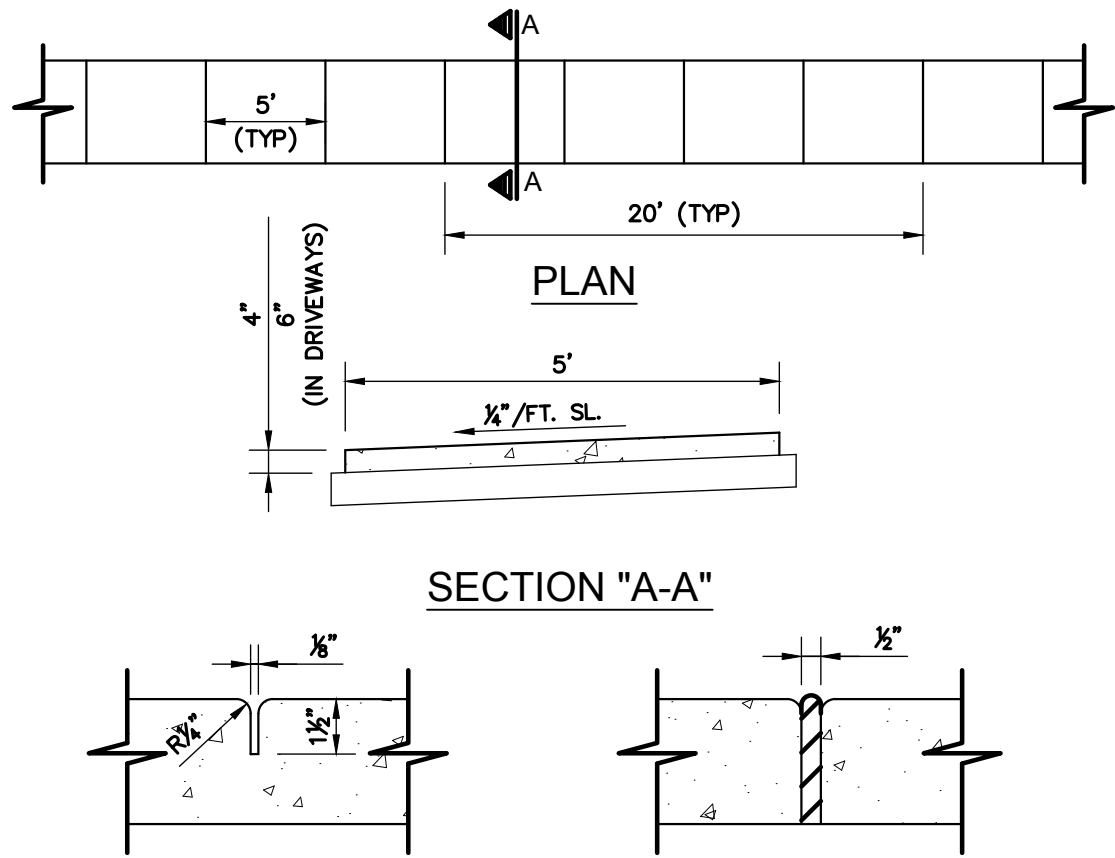
DRAWN BY:
A.E.V.

JOB NUMBER
16-3786

SHEET No.
PD2

SEAL

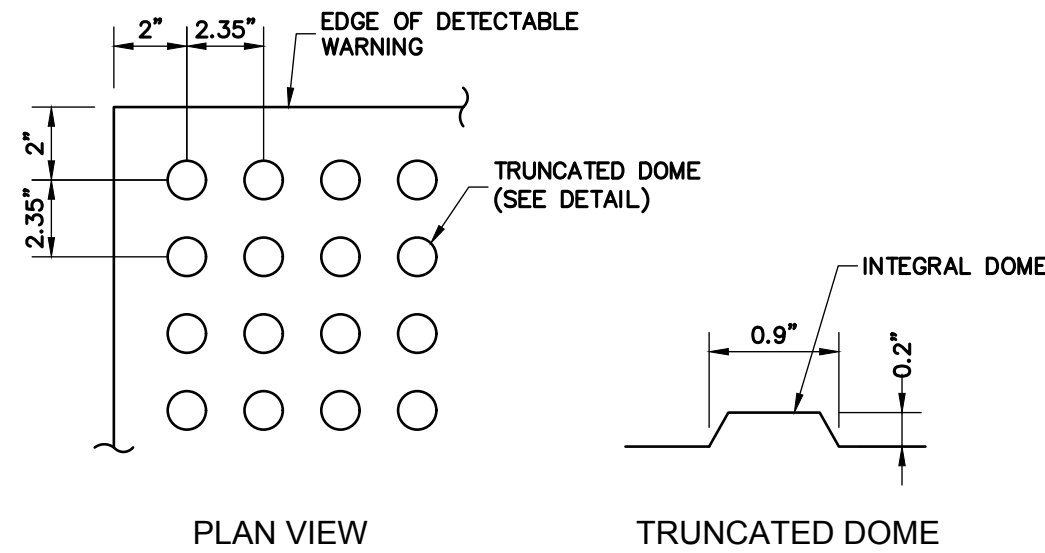
Aug 18 2016
CLIFFORD R. LOUTAN, P.E.
FL. REG. NO. 56890



GROOVE EXPANSION JOINT

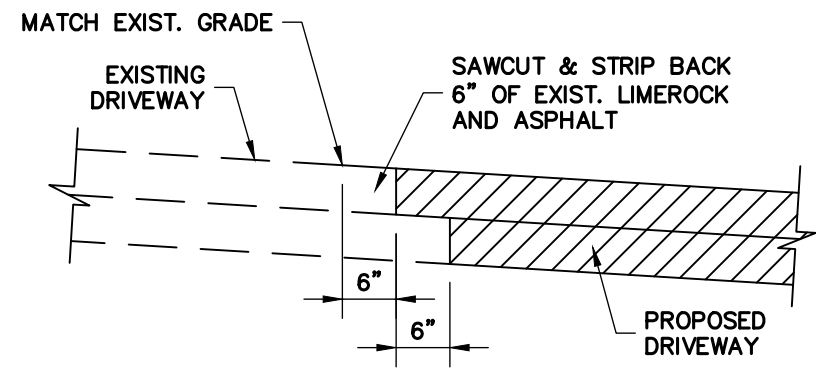
NOTE:
ALL CONCRETE SHALL BE 3000 P.S.I., 4\"/>

SIDEWALK DETAIL

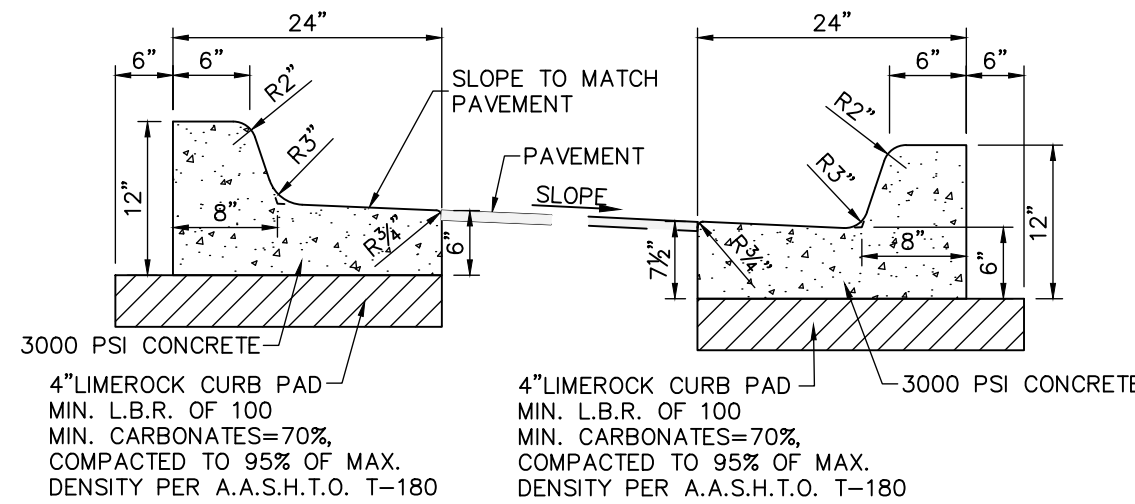


All Sidewalk Ramps Shall Have Detectable Warning Surfaces That Extend The Full Width Of The Ramp And In The Direction Of Travel 36\"/>

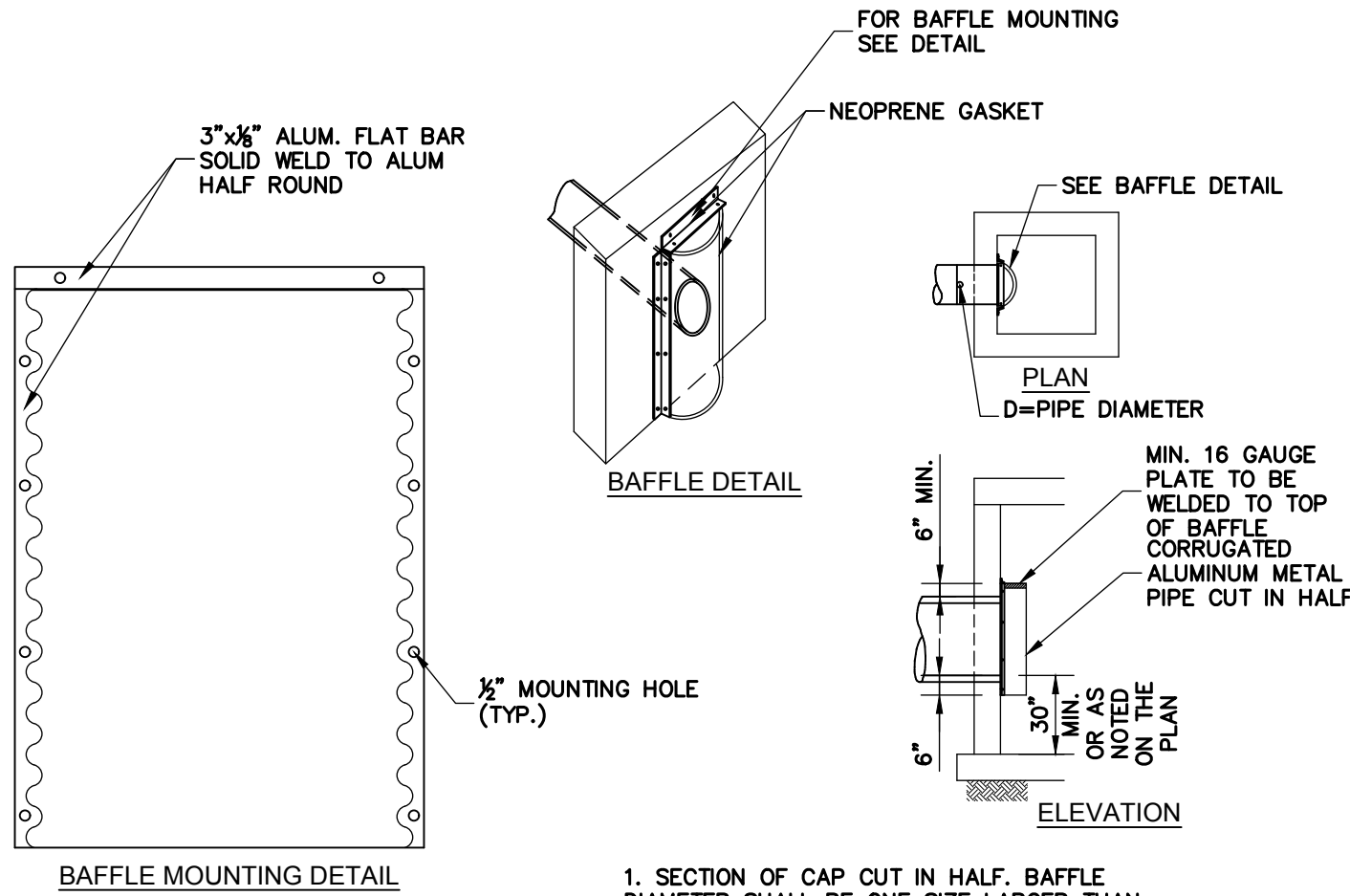
CURB RAMP DETECTABLE WARNING
N.T.S.



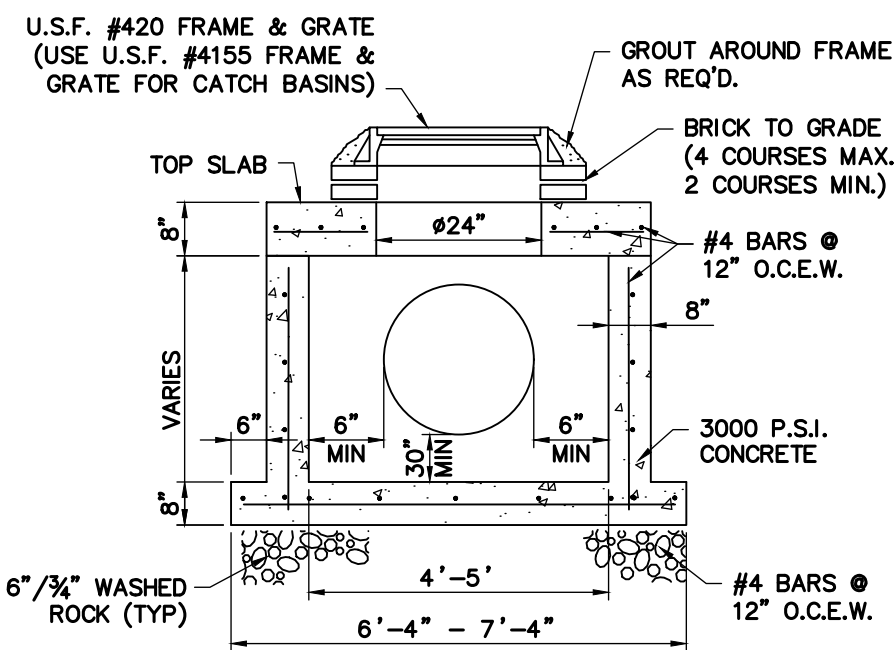
ASPHALT TIE-IN DETAIL
N.T.S.



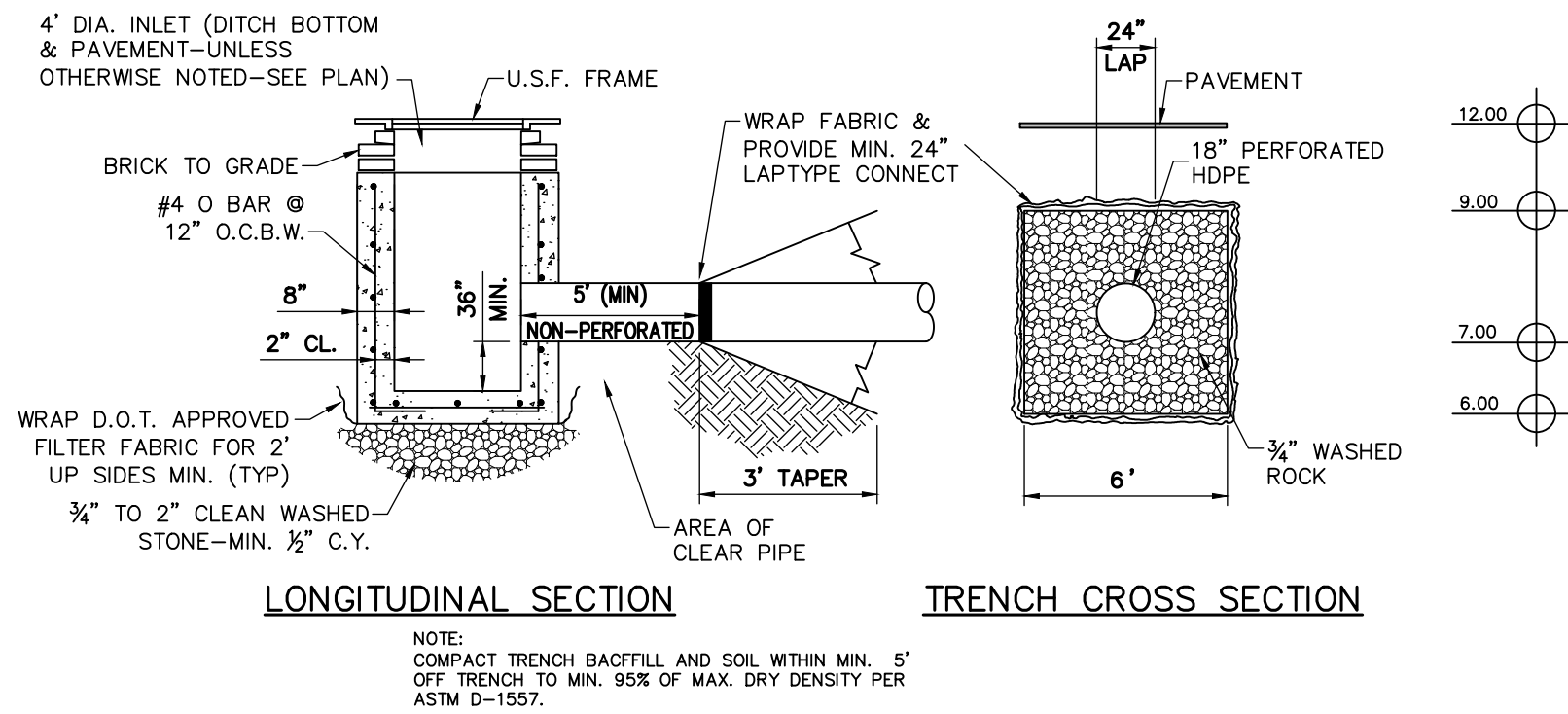
TYPE "F" CURB AND GUTTER
N.T.S.



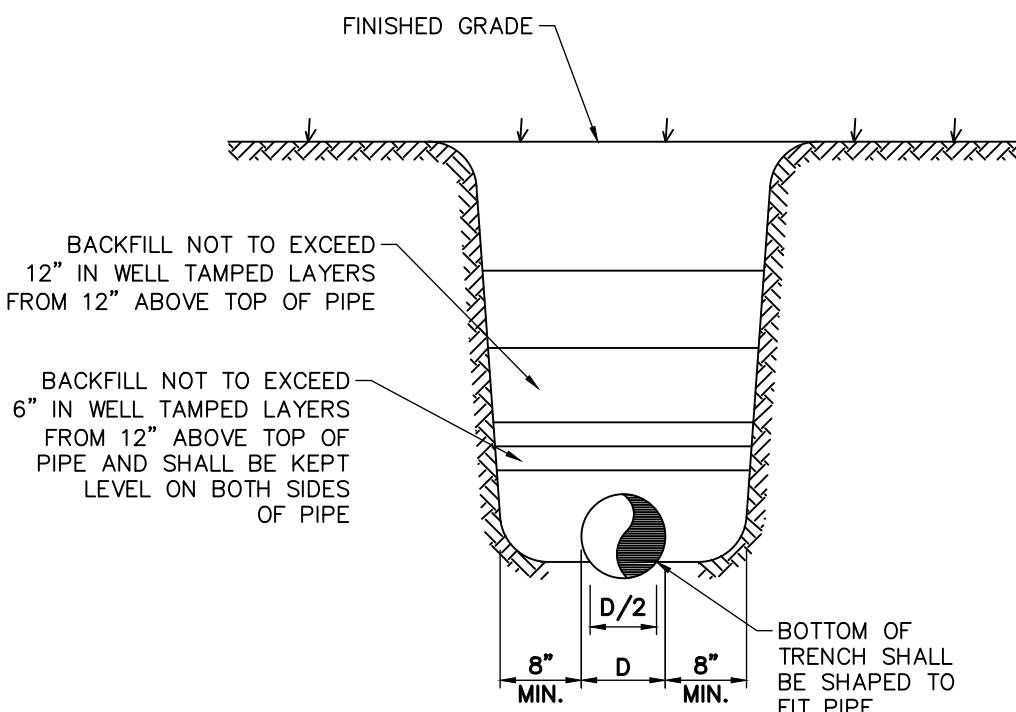
POLLUTION RETARDANT BASIN
(ALL STRUCTURES SEE PLAN FOR BAFFLE LOCATION)



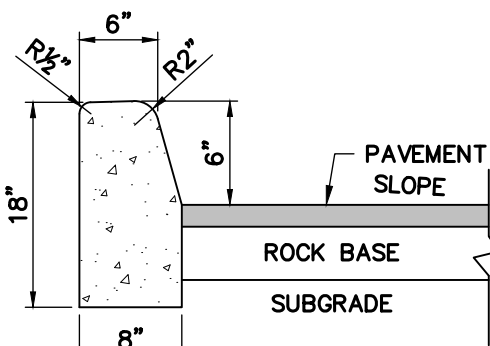
4'-5' DIAM. CATCH BASIN OR MANHOLE
N.T.S.



EXFILTRATION TRENCH DETAIL ON-SITE (MAIN CAMPUS)
N.T.S.

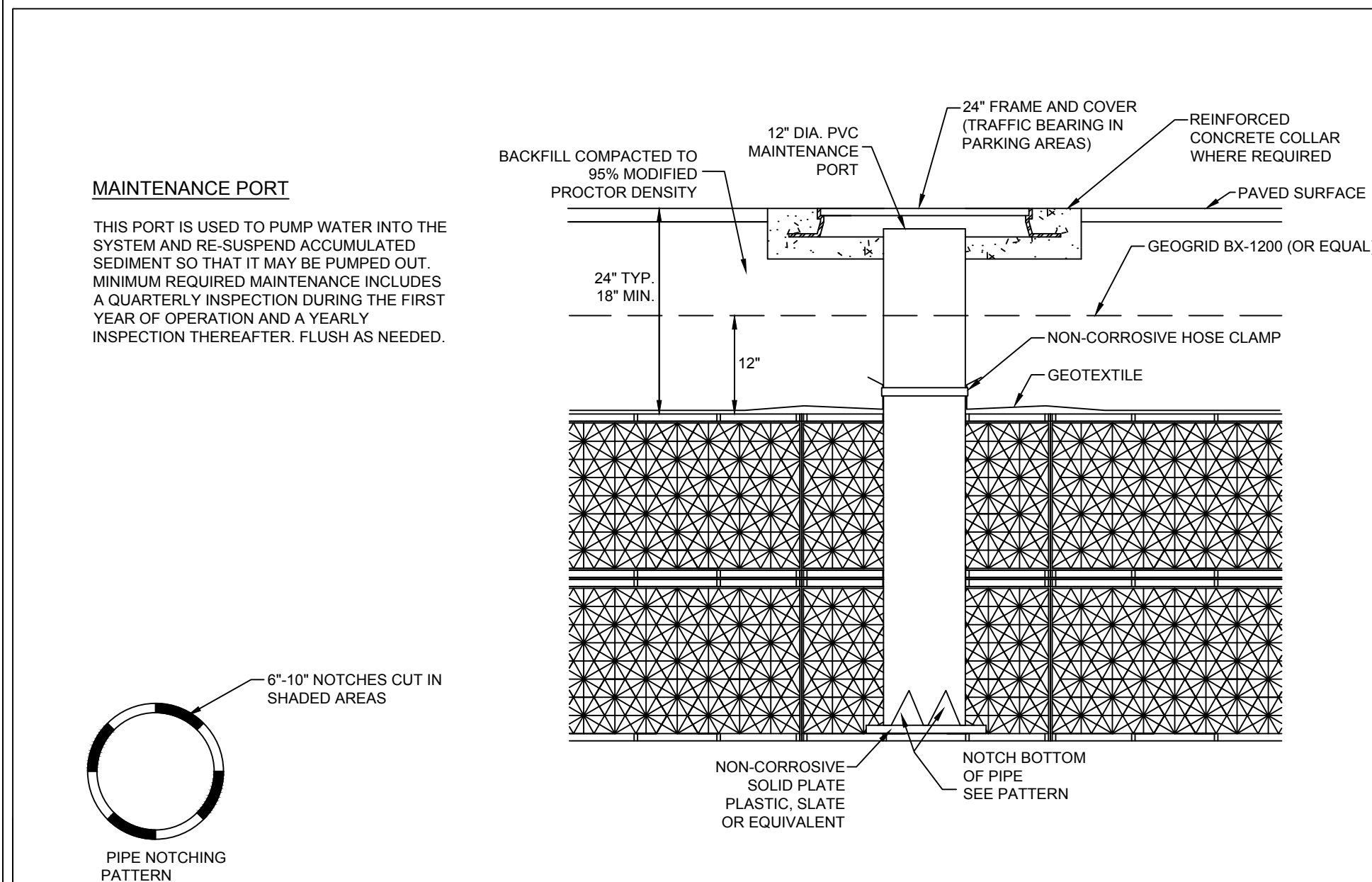
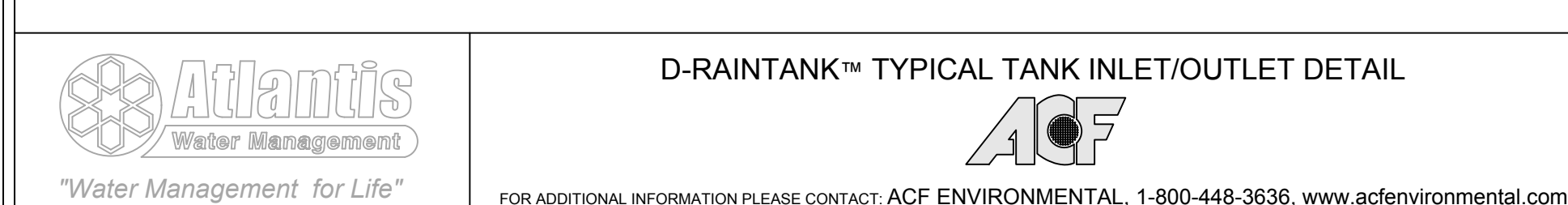
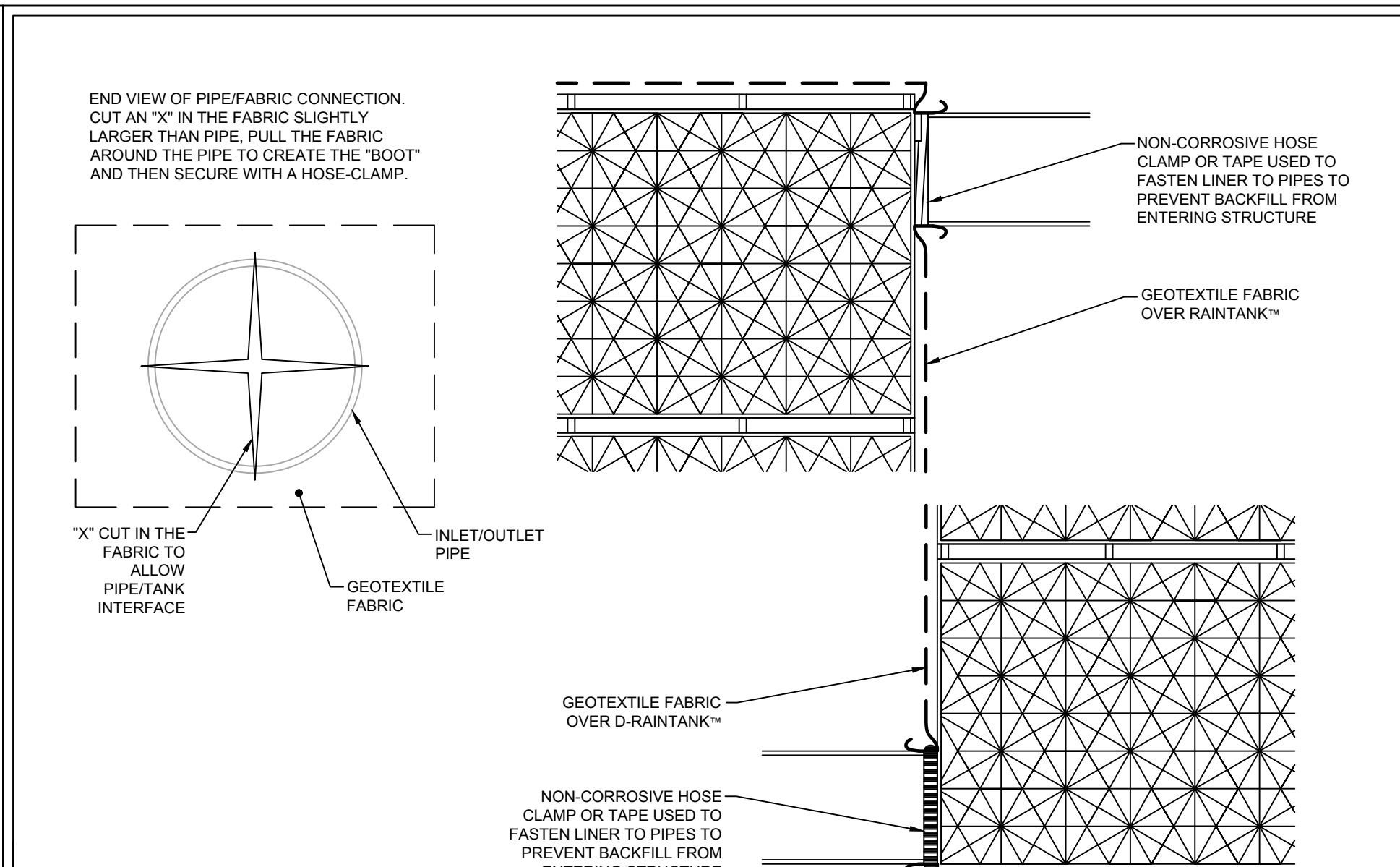


PIPE BEDDING DETAIL



TYPE "D" CURB

REVISIONS	
NO.	DESCRIPTION



TEST	VALUE	UNIT
NET VOID AREA	95	%
SERVICE TEMPERATURE	-20 - 130	DEGREES FAHRENHEIT
UNIT WEIGHT (Single Segment w/two internal plates)	> 13.5	LBS
OPENINGS SIZE	< 1.5	SQUARE INCHES
RIB ORIENTATION	LINEAR & PARALLEL	-
UNCONFINED CRUSH STRENGTH* (5" x 5" Plate)	34	PSI
UNCONFINED CRUSH STRENGTH* (11" x 16" Plate)	45	PSI
UNCONFINED CRUSH STRENGTH* (16" x 27" Plate)	30	PSI
DIAGONAL STRENGTH* (16" x 27" Plate)	19	PSI
90 DAY CREEP STRAIN	< 0.5	%

3.1 PART 3 EXECUTION

3.1.1 Preparation

A. Examine prepared excavation for smoothness, compaction and level. Check for presence of high water table, which must be kept at levels below the bottom of the USDS for the entire duration of the work. A CBR ≥ 5 must be achieved prior to beginning installation of Rain/Tank. If the base is pumping or appears excessively soft, a geotechnical engineer should be consulted for advice. In many cases a stabilization geotextile and 6" of compactable material that drains well will be sufficient to amend the bearing capacity of the soil. Do not start installation of the USDS until unsatisfactory conditions are corrected.

B. Installation commencement constitutes acceptance of existing conditions and responsibility for satisfactory performance. If existing conditions are found unsatisfactory, contact Project Manager or Engineer for resolution prior to installation.

3.1.2 Preparation

A. Using Side Backfill Material (Section 2.02 C) level the base of the excavated area as per engineering detail to establish a working platform for the USDS.

B. Be helpful to identify the outline of the structure on the floor of the excavation, using spray paint or chalk line, to ensure squareness during module placement.

3.1.3 Installation of the USDS

A. If a track is to be used in the system to harvest stormwater or prevent groundwater intrusion, install per manufacturer's recommendations and per engineering detail.

B. Lay geotextile on the base of the excavation and sideways with extra material on side to wrap the top of the USDS. If engineering drawings do not specify geotextile on the base of the excavation, place fabric a minimum of 20'(500mm) inside the excavated area to secure the material.

C. Install the USDS. If Rain/Tank modules are being used, the large side plate of the tank should be placed on the perimeter of the system. This will typically require that the two ends of the tank area will have a row of tanks placed perpendicular to all other tanks.

D. Lay the USDS in geotextile fabric from the excavation edge directly into the system. Overlay geotextile 12" or as recommended by manufacturer. Take great care to avoid damage to (optional) inner lining during placement.

E. Identify locations of inlet, outlet, inspection ports, and any other penetrations of the geotextile and inlet pipe, securing pipe into boots with the listed pipe clamps. Support pipes in trenches during installation to prevent damage to geotextile, (optional) inner or pipe.

F. Backfilling with recommended backfill, compacting in 12" (max) lifts. Place backfill CAREFULLY to avoid showing or damaging system components.

G. Use a powered mechanical compactor to compact backfill on structure sides with care to avoid damage to geotextile or (optional) inner.

H. Above system should be compacted in 6" lifts (do not use hand trowel rolling compactors with 6" cover). Alternatively, a single 12" lift of backfill may be placed and compacted over the system so long as compaction goals can be obtained. When backfill reaches an elevation 12" above the base layer of geotextile directly over the top of the backfill (required only when there will be traffic loads (H20 loads) above the system), extending 3' beyond excavation walls.

H. Place sufficient sandy gravel backfill (Section 2.02 E) material over geogrid to ensure support of design loads. Place above backfill in 6" lifts and compact with vibration plate or roller. Do not use driveway rolling compactors to compact material.

I. Lay geotextile over backfill in 6" lifts with a minimum depth of 6" (12" is recommended) and a maximum depth of 36" or as specified on engineering drawings. Take care to PLACE backfill on top of structure to avoid damage to structure, geotextile or (optional) inner, using low pressure tire or track vehicles.

J. Ensure that all unrelated construction traffic be kept away from the limits of excavation until the project is complete and final surface materials are in place.

K. Place surfacing materials, such as groundcovers (no large trees), or paving materials over the structure with care to avoid displacement of cover from damage to surrounding area.

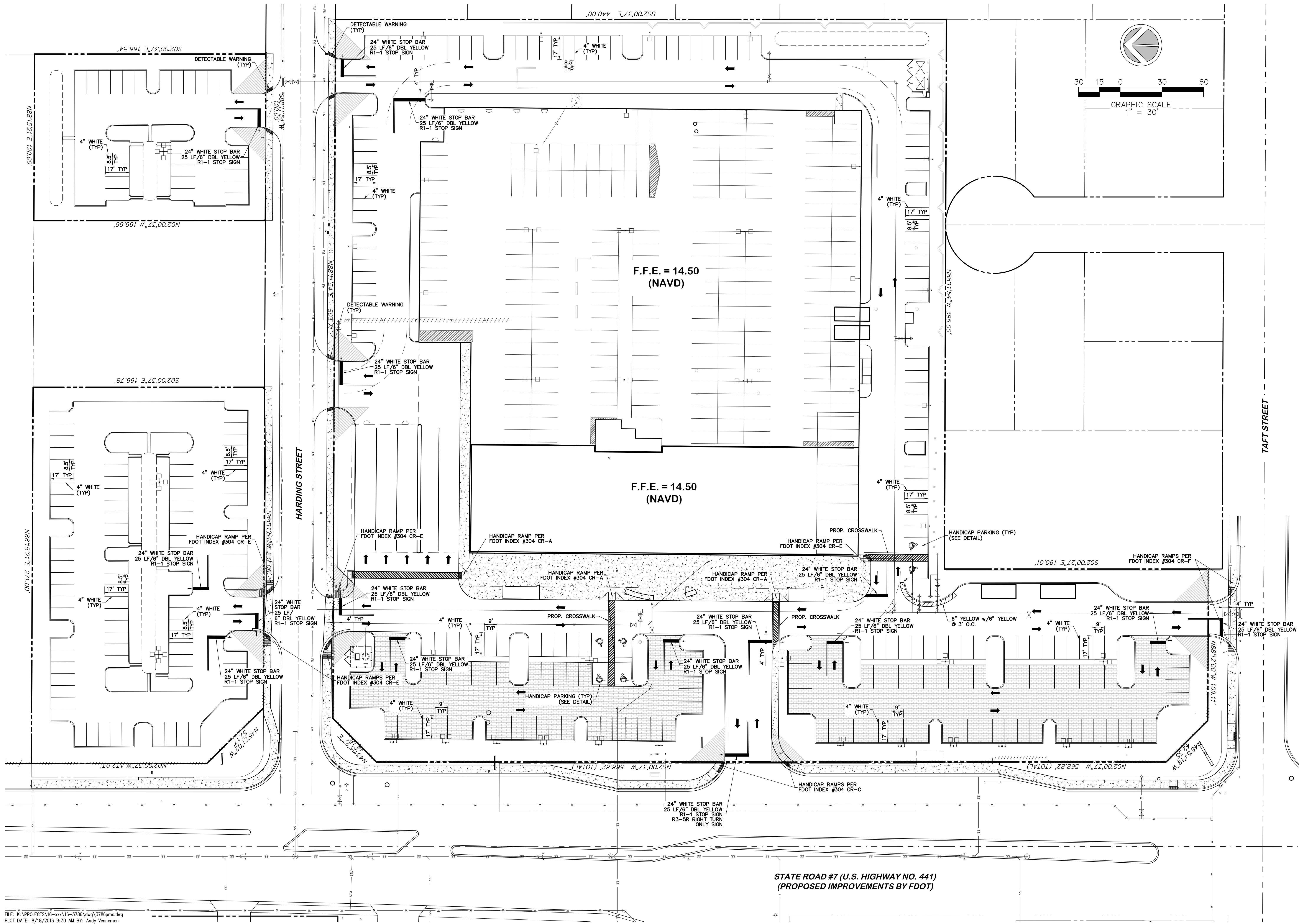
L. Backfill depth over USDS must be a MINIMUM of 18" prior to Proof Rolling area directly above backfill. If backfill depth is less than 18" and proof rolling is required, contact engineer or manufacturer's representative for assistance.

3.1.4 Cleanup

A. Perform cleaning during the installation of work and upon completion of the work. Remove from site all excess materials, debris, and equipment. Repair any damage to adjacent materials and surfaces resulting from installation of this work.

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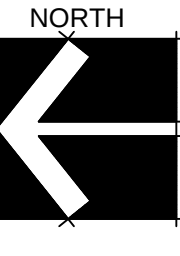
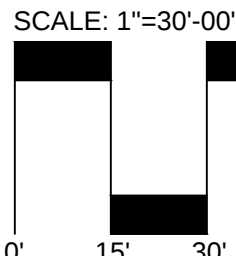
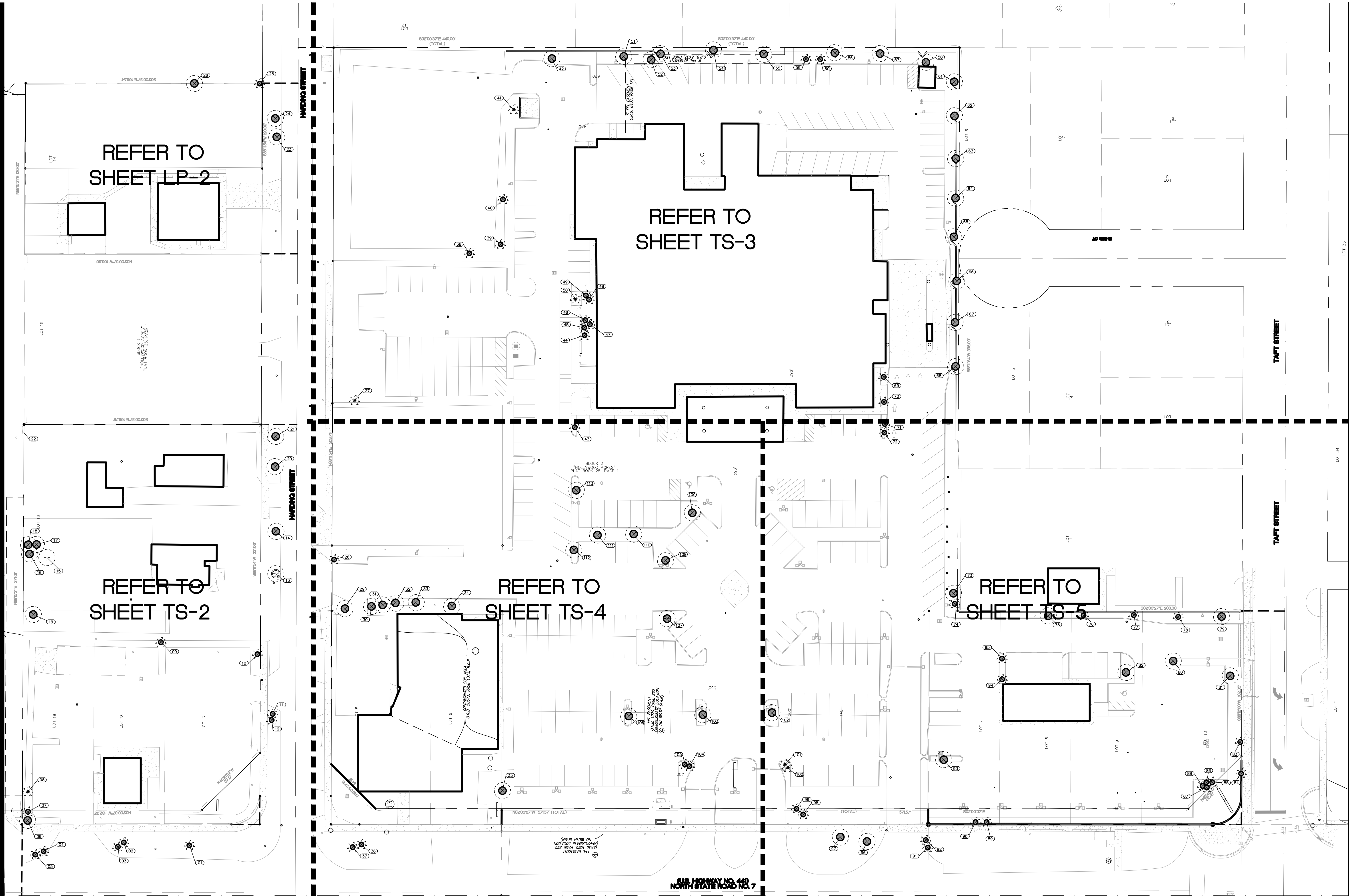
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PLOT DATE: 8/18/2016 9:30 AM BY: Andy Venneman
LAYOUT: [PMS1]



REVISIONS	
NO.	DESCRIPTION

TOYOTA OF HOLLYWOOD
FLORIDA
**PAVEMENT MARKING
AND SIGNAGE PLAN**

DATE:	Aug. 2016
SCALE:	1" = 30'
DESIGNED BY:	M.G.
DRAWN BY:	A.E.V.
JOB NUMBER	16-3786
SHEET No.	PMS1
SEAL	
Aug 18 2016	
CLIFFORD R. LOUTAN, P.E. FL. REG. NO. 56890	



PROPOSED DEALERSHIP & PARKING GARAGE FOR:

TOYOTA OF HOLLYWOOD
1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

Sheet Description
OVERALL
TREE DISPOSITION
PLAN

Release Date
8-20-2016

Project Number
1535A

Drawing Number

TD-1

Sheet 1 of 6

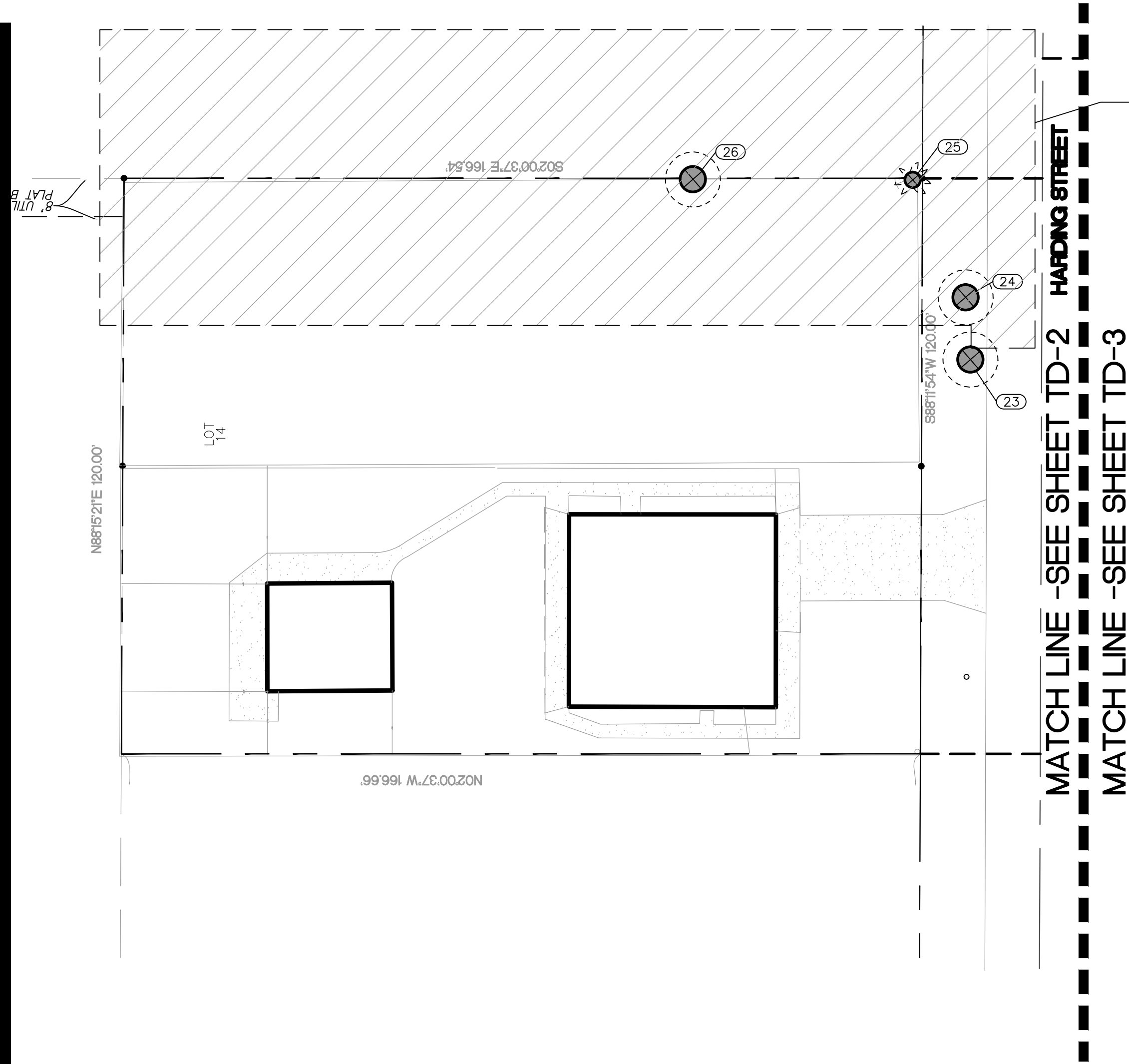
STILES
ARCHITECTURAL GROUP
301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627 - 9180 33301
FL REG # AA-26001798

HUGH JOHNSON
RLA #655

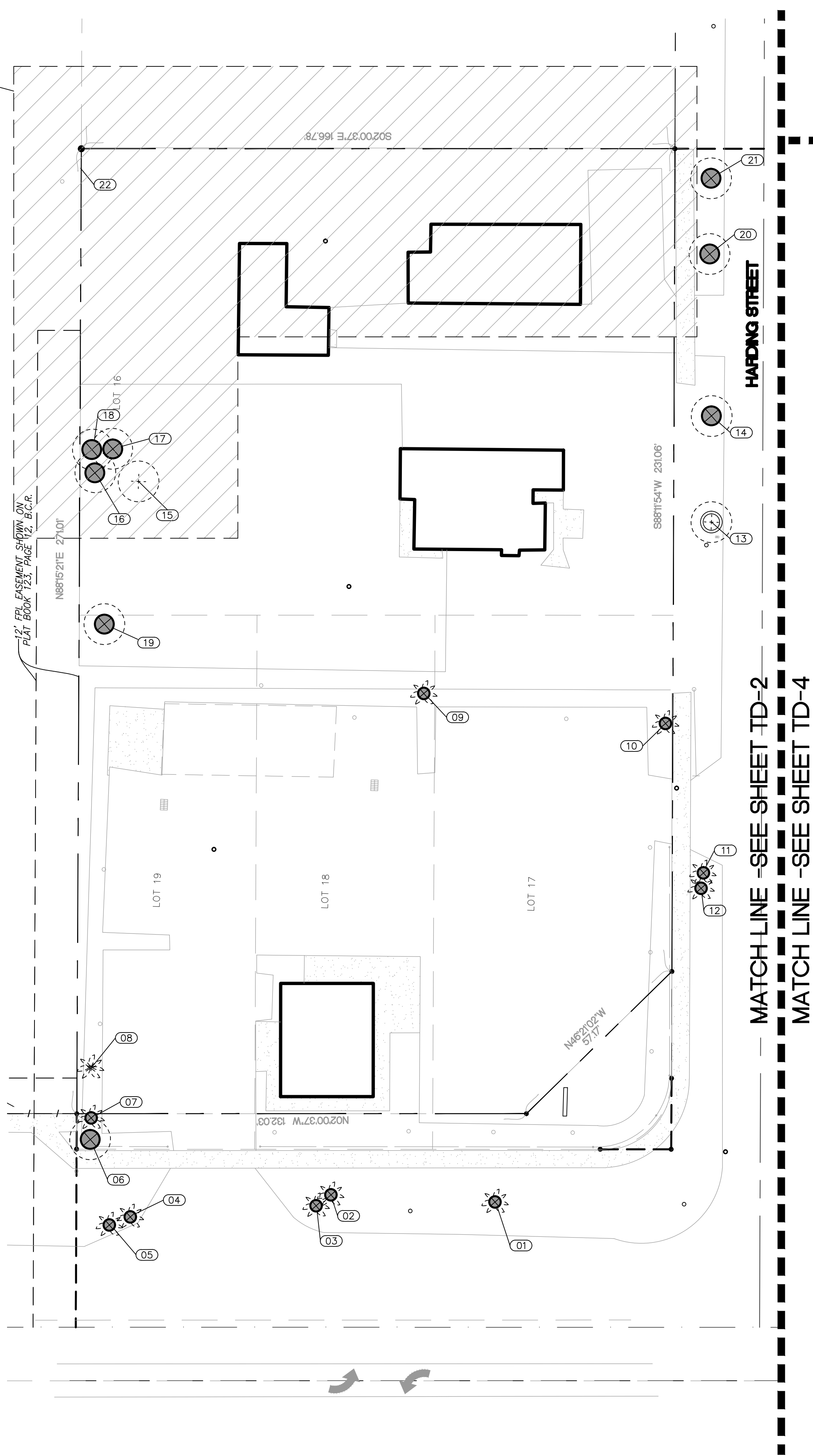
Revision Dates

Seal

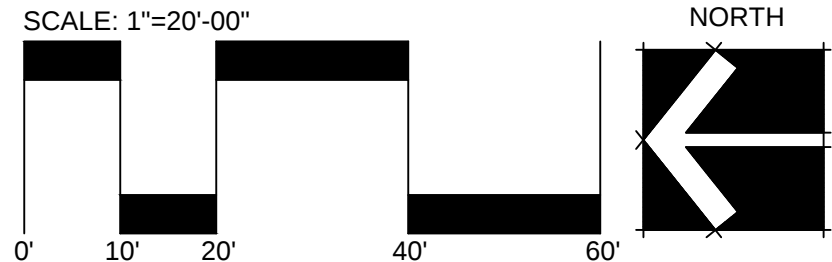
AAL
Architectural Alliance Landscape
912 SW 4th Ave., Fort Lauderdale, FL 33305 LCC0000237
TEL: 954-764-8858 EMAIL: HJohnson@archall.net



CONTRACTOR TO FIELD
VERIFY TEMPORARY
PARKING LOT TREES
FROM PREVIOUS PERMIT



LEGEND	
	Existing tree to remain
	Existing tree to be removed
	Existing tree to be relocated
	Existing palm to remain
	Existing palm to be removed
	Existing palm to be relocated



PROPOSED DEALERSHIP & PARKING GARAGE FOR:

TOYOTA OF HOLLYWOOD

1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

STILES
ARCHITECTURAL GROUP

301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627- 9180 33301
FL. REG # AA-26001798

HUGH JOHNSON
RLA #655

Seal

Revision Dates

Architectural Alliance Landscape

612 SW 4th Ave., Fort Lauderdale, FL 33315 LCC0000237
REL 954-764-6858 EMAIL: hjohnson@archall.net

Sheet Description

TREE DISPOSITION PLAN

Release Date

8-20-2016

Project Number

1535A

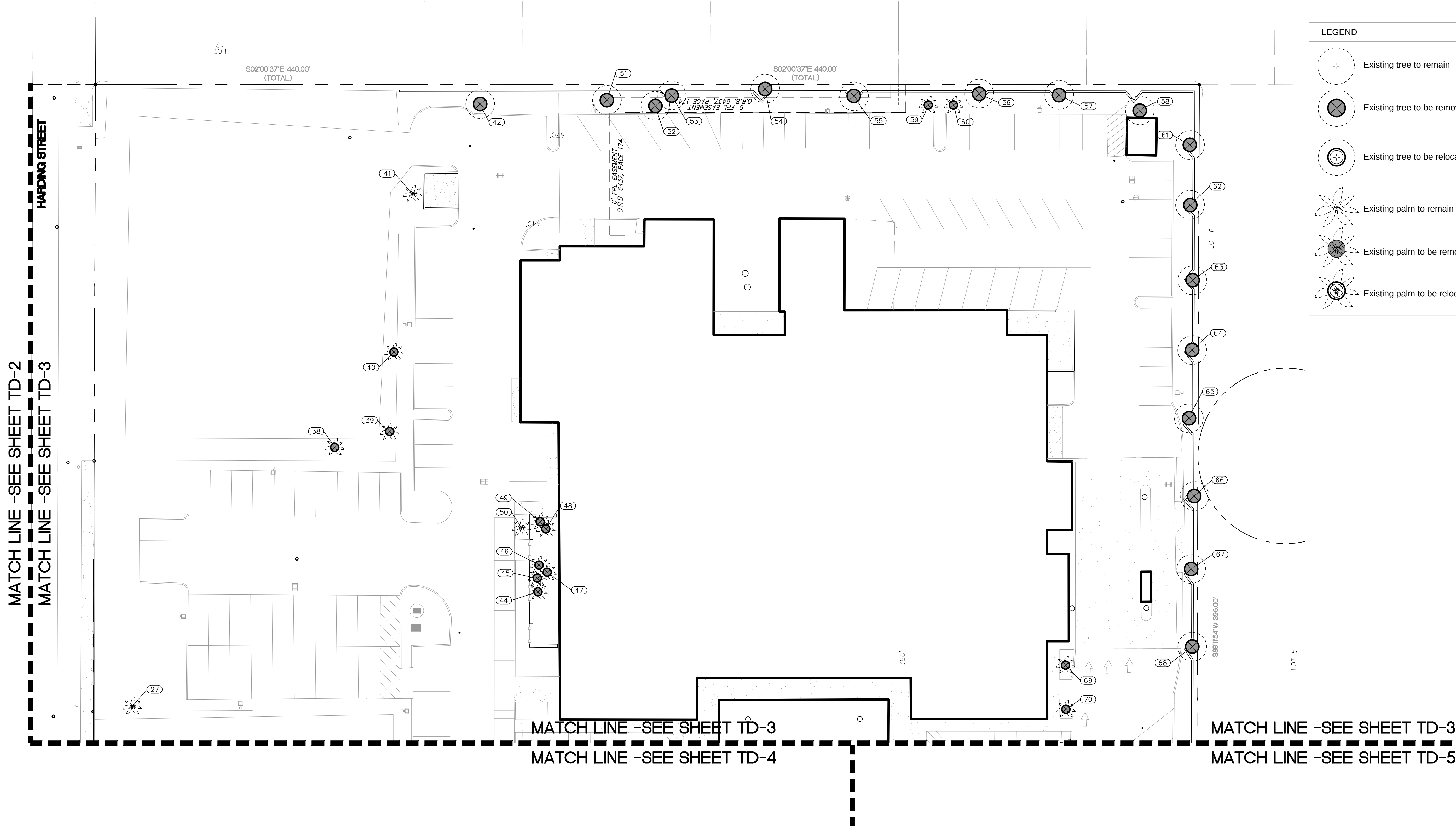
Drawing Number

TD-2

Sheet 2 of 6

811 KNOW WHAT'S BELOW
ALWAYS CALL 811
BEFORE YOU DIG

It's hot, it's free, it's the law
Call 811 two business days
before digging



LEGEND

- Existing tree to remain
- Existing tree to be removed
- Existing tree to be relocated
- Existing palm to remain
- Existing palm to be removed
- Existing palm to be relocated

SCALE: 1"=20'-00"

NORTH

MATCH LINE -SEE SHEET TD-2
MATCH LINE -SEE SHEET TD-3

MATCH LINE -SEE SHEET TD-3
MATCH LINE -SEE SHEET TD-4

MATCH LINE -SEE SHEET TD-3
MATCH LINE -SEE SHEET TD-5

811 KNOW WHAT'S BELOW
ALWAYS CALL 811
BEFORE YOU DIG
It's fast, it's free, it's the law.
Call 811 two business days
before digging.

AAAL
Architectural Alliance Landscape
612 SW 4th Ave., Fort Lauderdale, FL 33315 LCC0000237
TEL: 954-764-6858 EMAIL: hjohnson@archall.net

HUGH JOHNSON
RLA #685

Seal

STILES
ARCHITECTURAL GROUP
301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627- 9180 33301
FL. REG # AA-26001798

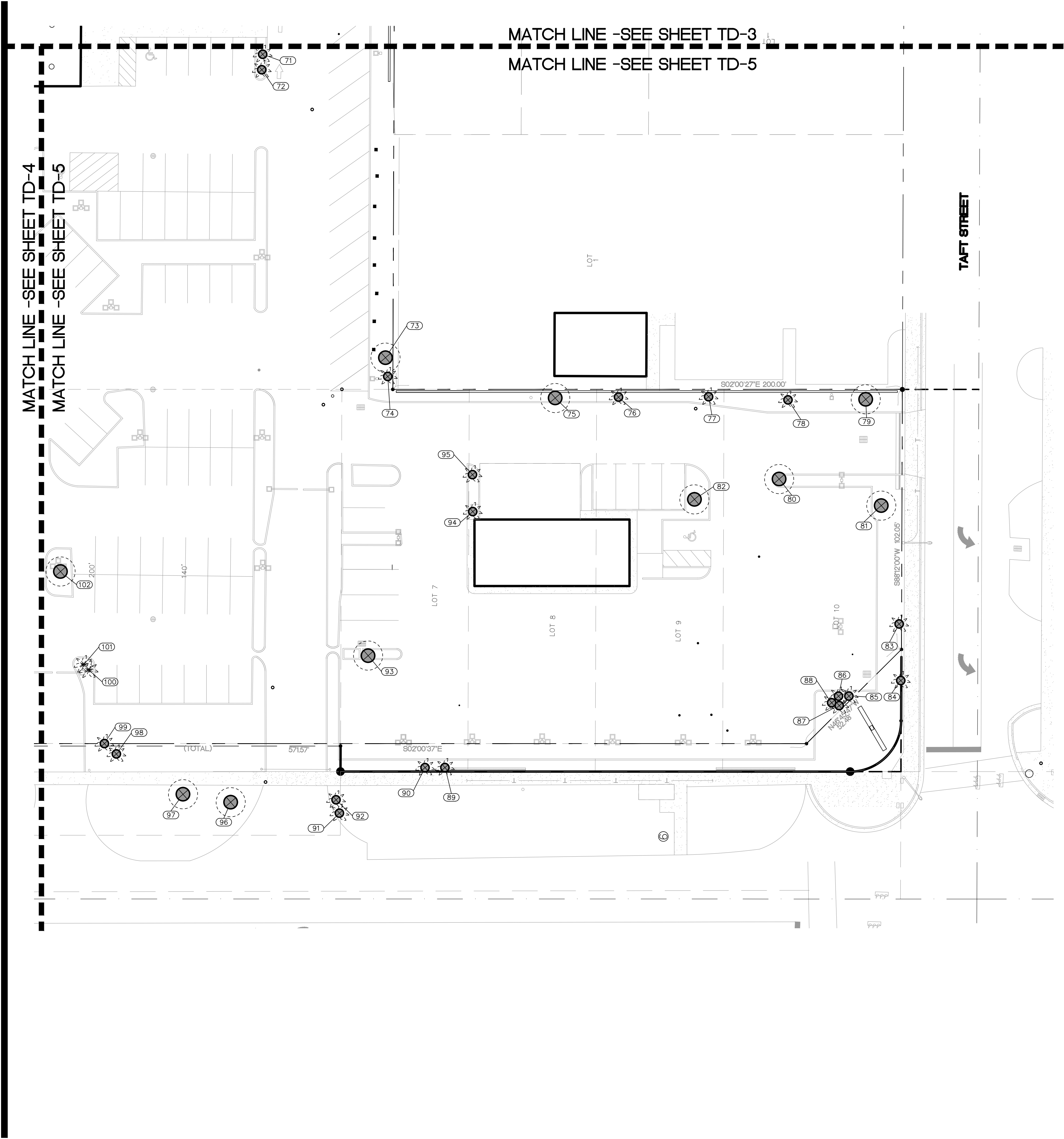
PROPOSED DEALERSHIP & PARKING GARAGE FOR:
TOYOTA OF HOLLYWOOD
1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

Sheet Description
TREE DISPOSITION
PLAN

Release Date
8-20-2016

Project Number
1535A

Drawing Number
TD-3
Sheet 3 of 6



LEGEND

- Existing tree to remain
- Existing tree to be removed
- Existing tree to be relocated
- Existing palm to remain
- Existing palm to be removed
- Existing palm to be relocated

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG

It's hot, it's free, it's the law. Call 811 two business days before digging.

SCALE: 1"=20'-00"

NORTH

PROPOSED DEALERSHIP & PARKING GARAGE FOR:

TOYOTA OF HOLLYWOOD

1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

STILES ARCHITECTURAL GROUP

301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627- 9180 33301
FL. REG # AA-26001798

HUGH JOHNSON
RLA #655

Seal

Revision Dates

Architectural Alliance Landscape

612 SW 4th Ave., Fort Lauderdale, FL 33315 LCC000237
TEL 954-764-6858 EMAIL: hjohnson@archall.net

Sheet Description

TREE DISPOSITION PLAN

Release Date

8-20-2016

Project Number

1535A

Drawing Number

TD-5

Sheet 5 of 6

Tree Number	Botanical Name	Common Name	DBH (inches)	Canopy (feet)	Height (feet)	Condition	Disposition	Notes
1	<i>Sabal palmetto</i>	Cabbage Palm	8"	6'	15'	Poor	Remove	Trunk damage, under powerlines
2	<i>Sabal palmetto</i>	Cabbage Palm	8"	6'	15'	Poor	Remove	Trunk damage, under powerlines
3	<i>Sabal palmetto</i>	Cabbage Palm	8"	6'	12'	Poor	Remove	Trunk damage, under powerlines
4	<i>Sabal palmetto</i>	Cabbage Palm	8"	6'	12'	Poor	Remove	Trunk damage, under powerlines
5	<i>Sabal palmetto</i>	Cabbage Palm	8"	6'	12'	Poor	Remove	Trunk damage, under powerlines
6	<i>Cupaniopsis anacardioides</i>	Carrotwood	6"	12'	10'	Poor	Remove	Canopy damage, under powerlines
7	<i>Sabal palmetto</i>	Cabbage Palm	10"	12'	12'	Poor	Remove	Growing within fence, under powerlines
8	<i>Sabal palmetto</i>	Cabbage Palm	10"	6'	6'	Fair	Remove	Severe lean
9	<i>Sabal palmetto</i>	Cabbage Palm	12"	8'	10'	Poor	Remove	Canopy within powerlines
10	<i>Sabal palmetto</i>	Cabbage Palm	12"	8'	12'	Fair	Remove	Vine growth
11	<i>Sabal palmetto</i>	Cabbage Palm	9"	6'	11'	Fair	Remove	Minimal trunk damage
12	<i>Sabal palmetto</i>	Cabbage Palm	8"	6'	10'	Fair	Remove	Minimal trunk damage
13	<i>Quercus virginiana</i>	Live Oak	14"	25'	20'	Fair	Rlocate	Minimal canopy damage
14	<i>Quercus virginiana</i>	Live Oak	24"	35'	30'	Poor	Remove	Trunk and canopy damage
15	<i>Quercus virginiana</i>	Live Oak	32"	60'	50'	Fair	Remain	Severe trimming due to powerlines
16	<i>Quercus virginiana</i>	Live Oak	14"	25'	20'	Poor	Remove	Canopy damage, minimal foliage
17	<i>Cupaniopsis anacardioides</i>	Carrotwood	4"	6'	10'	Poor	Remove	Codominant trunks, canopy damage
18	<i>Cupaniopsis anacardioides</i>	Carrotwood	5"	8'	12'	Poor	Remove	Growing within fence, canopy damage
19	<i>Ficus aurea</i>	Strangler Fig	72"	50'	40'	Poor	Remove	Growing within wall, canopy damage
20	<i>Swietenia mahagoni</i>	Mahogany	14"	25'	45'	Poor	Remove	Canopy and limb damage
21	<i>Swietenia mahagoni</i>	Mahogany	24"	50'	50'	Poor	Remove	Canopy and limb damage
22	<i>Adonidia merrillii</i>	Christmas Palm	7"	6'	30'	Fair	Remove	Near wall structure
23	<i>Bucida buceras</i>	Black Olive	18"	45'	50'	Poor	Remove	Trunk damage, severe trimming due to powerlines
24	<i>Bucida buceras</i>	Black Olive	14"	20'	50'	Poor	Remove	Canopy damage
25	<i>Sabal palmetto</i>	Cabbage Palm	12"	8'	12'	Poor	Remove	Host tree for Schefflera growth, within 6 inches of power pole
26	<i>Cupaniopsis anacardioides</i>	Carrotwood	6"	12'	15'	Good	Remove	
27	<i>Sabal palmetto</i>	Cabbage Palm	10"	5'	6'	Good	Remove	
28	<i>Sabal palmetto</i>	Cabbage Palm	12"	6'	8'	Good	Remove	
29	<i>Bischofia javanica</i>	Bischofia	13"	25'	25'	Poor	Remove	Canopy within powerlines and damaged
30	<i>Bischofia javanica</i>	Bischofia	16"	15'	25'	Poor	Remove	Codominant trunks, canopy damage
31	<i>Schefflera actinophylla</i>	Umbrella Tree	18"	20'	25'	Poor	Remove	Canopy damage
32	<i>Cupaniopsis anacardioides</i>	Carrotwood	6"	8'	12'	Poor	Remove	Canopy damage
33	<i>Bischofia javanica</i>	Bischofia	12"	15'	25'	Poor	Remove	Canopy damage
34	<i>Cupaniopsis anacardioides</i>	Carrotwood	16"	15'	15'	Poor	Remove	Codominant trunks
35	<i>Quercus virginiana</i>	Live Oak	48"	55'	50'	Poor	Remove	Canopy damage, severe trimming due to powerlines
36	<i>Sabal palmetto</i>	Cabbage Palm	7"	6'	12'	Poor	Remove	Trunk damage
37	<i>Sabal palmetto</i>	Cabbage Palm	6"	6'	10'	Poor	Remove	Trunk damage
38	<i>Sabal palmetto</i>	Cabbage Palm	10"	5'	7'	Good	Remove	
39	<i>Sabal palmetto</i>	Cabbage Palm	10"	8'	12'	Fair	Remove	Vine growth
40	<i>Sabal palmetto</i>	Cabbage Palm	9"	5'	6'	Fair	Remove	Vine growth
41	<i>Sabal palmetto</i>	Cabbage Palm	10"	8'	7'	Good	Rlocate	
42	<i>Ficus benjamina</i>	Weeping Fig	56"	20'	30'	Poor	Remove	Vine growth, canopy damage
43	<i>Adonidia merrillii</i>	Christmas Palm	4"	4'	12'	Fair	Remove	Heavy moss growth on trunk and place near building
44	<i>Sabal palmetto</i>	Cabbage Palm	8"	8'	15'	Fair	Remove	Heavy moss growth on trunk and place near building
45	<i>Sabal palmetto</i>	Cabbage Palm	8"	8'	12'	Fair	Remove	Heavy moss growth on trunk and place near building
46	<i>Sabal palmetto</i>	Cabbage Palm	7"	8'	15'	Fair	Remove	Heavy moss growth on trunk and place near building
47	<i>Sabal palmetto</i>	Cabbage Palm	8"	8'	15'	Fair	Remove	Heavy moss growth on trunk and place near building
48	<i>Sabal palmetto</i>	Cabbage Palm	8"	6'	15'	Fair	Remove	Heavy moss growth on trunk and place near building
49	<i>Sabal palmetto</i>	Cabbage Palm	6"	6'	12'	Fair	Remove	Heavy moss growth on trunk and place near building
50	<i>Sabal palmetto</i>	Cabbage Palm	9"	6'	12'	Good	Rlocate	
51	<i>Ficus benjamina</i>	Weeping Fig	16"	12'	25'	Poor	Remove	Canopy damage, minimal foliage
52	<i>Cupaniopsis anacardioides</i>	Carrotwood	6"	10'	15'	Poor	Remove	Canopy damage
53	<i>Quercus virginiana</i>	Live Oak	16"	15'	25'	Poor	Remove	Severe canopy damage, under powerlines
54	<i>Quercus virginiana</i>	Live Oak	16"	15'	25'	Poor	Remove	Severe canopy damage, under powerlines
55	<i>Quercus virginiana</i>	Live Oak	16"	18'	25'	Poor	Remove	Severe canopy damage, under powerlines
56	<i>Quercus virginiana</i>	Live Oak	16"	18'	25'	Poor	Remove	Severe canopy damage, under powerlines
57	<i>Quercus virginiana</i>	Live Oak	15"	12'	25'	Poor	Remove	Canopy damage, severe trimming due to powerlines
58	<i>Bischofia javanica</i>	Bischofia	6"	10'	15'	Fair	Remove	Near wall, under powerlines
59	<i>Wodyetia bifurcata</i>	Foxtail Palm	3"	5'	8'	Good	Remove	
60	<i>Wodyetia bifurcata</i>	Foxtail Palm	6"	6'	8'	Good	Remove	
61	<i>Quercus virginiana</i>	Live Oak	16"	40'	30'	Fair	Remove	Near wall, under powerlines
62	<i>Quercus virginiana</i>	Live Oak	10"	40'	30'	Fair	Remove	Near wall, under powerlines
63	<i>Quercus virginiana</i>	Live Oak	16"	40'	30'	Poor	Remove	Grown into wall
64	<i>Quercus virginiana</i>	Live Oak	24"	40'	30'	Poor	Remove	Grown into wall
65	<i>Quercus virginiana</i>	Live Oak	12"	25'	30'	Poor	Remove	Canopy damage, near wall
66	<i>Quercus virginiana</i>	Live Oak	14"	40'	30'	Poor	Remove	Canopy within powerlines, near building overhand
67	<i>Quercus virginiana</i>	Live Oak	16"	40'	30'	Poor	Remove	Canopy within powerlines, near building overhand
68	<i>Quercus virginiana</i>	Live Oak	10"	25'	30'	Fair	Remove	Within 1 foot of power pole, near wall
69	<i>Adonidia merrillii</i>	Christmas Palm	5"	5'	12'	Good	Remove	
70	<i>Adonidia merrillii</i>	Christmas Palm	4"	5'	10'	Good	Remove	
71	<i>Adonidia merrillii</i>	Christmas Palm	4"	5'	10'	Good	Remove	
72	<i>Adonidia merrillii</i>	Christmas Palm	4"	3'	10'	Poor	Remove	Minimal fronds
73	<i>Swietenia mahagoni</i>	Mahogany	12"	18'	35'	Fair	Remove	Poor canopy structure
74	<i>Sabal palmetto</i>	Cabbage Palm	10"	8'	10'	Fair	Remove	Within canopy of T73
75	<i>Conocarpus erectus</i>	Silver Buttonwood	9"	12'	15'	Poor	Remove	Vine growth, canopy damage, under powerlines
76	<i>Sabal palmetto</i>	Cabbage Palm	10"	8'	12'	Poor	Remove	Canopy within powerlines
77	<i>Sabal palmetto</i>	Cabbage Palm	10"	8'	12'	Poor	Remove	Canopy within powerlines
78	<i>Sabal palmetto</i>	Cabbage Palm	8"	10'	15'	Poor	Remove	Canopy within powerlines
79	<i>Cupaniopsis anacardioides</i>	Carrotwood	10"	10'	10'	Poor	Remove	Canopy damage
80	<i>Swietenia mahagoni</i>	Mahogany	12"	20'	30'	Poor	Remove	Severe trunk damage
81	<i>Bucida buceras</i>	Black Olive	17"	35'	30'	Poor	Remove	Canopy within powerlines
82	<i>Swietenia mahagoni</i>	Mahogany	20"	15'	35'	Poor	Remove	Severe trunk damage
83	<i>Sabal palmetto</i>	Cabbage Palm	12"	6'	7'	Good	Remove	
84	<i>Sabal palmetto</i>	Cabbage Palm	10"	6'	7'	Good	Remove	
85	<i>Sabal palmetto</i>	Cabbage Palm	10"	5'	12'	Good	Remove	
86	<i>Sabal palmetto</i>	Cabbage Palm	10"	5'	12'	Poor	Remove	Severe lean, bent trunk
87	<i>Sabal palmetto</i>	Cabbage Palm	10"	5'	15'	Good	Remove	
88	<i>Sabal palmetto</i>	Cabbage Palm	10"	5'	15'	Good	Remove	
89	<i>Sabal palmetto</i>	Cabbage Palm	10"	2'	14'	Poor	Remove	Minimal fronds, trimmed due to powerlines
90	<i>Sabal palmetto</i>	Cabbage Palm	9"	2'	15'	Poor	Remove	Minimal fronds, trimmed due to powerlines
91	<i>Sabal palmetto</i>	Cabbage Palm	9"	5'	12'	Poor	Remove	Trunk damage
92	<i>Sabal palmetto</i>	Cabbage Palm	10"	5'	12'	Poor	Remove	Trunk damage
93	<i>Cupaniopsis anacardioides</i>	Carrotwood	10"	15'	15'	Good	Remove	
94	<i>Sabal palmetto</i>	Cabbage Palm	8"	5'	16'	Poor	Remove	Trunk damage
95	<i>Sabal palmetto</i>	Cabbage Palm	9"	5'	15'	Poor	Remove	Trunk damage
96	<i>Conocarpus erectus</i>	Silver Buttonwood	7"	15'	15'	Fair	Remove	
97	<i>Conocarpus erectus</i>	Silver Buttonwood	12"	10'	15'	Poor	Remove	Codominant trunks, under powerlines
98	<i>Sabal palmetto</i>	Cabbage Palm	9"	5'	12'	Fair	Remove	Minimal trunk damage
99	<i>Sabal palmetto</i>	Cabbage Palm	8"	5'	13'	Fair	Remove	Minimal trunk damage
100	<i>Sabal palmetto</i>	Cabbage Palm	6"	4'	12'	Good	Rlocate	
101	<i>Sabal palmetto</i>	Cabbage Palm	8"	6'	10'	Good	Rlocate	
102	<i>Conocarpus erectus</i>	Silver Buttonwood	14"	12'	10'	Fair	Remove	Codominant trunks
103	<i>Cupaniopsis anacardioides</i>	Carrotwood	16"	20'	35'	Poor	Remove	Canopy damage
104	<i>Sabal palmetto</i>	Cabbage Palm	8"	5'	15'	Poor	Remove	Bent and damaged trunk
105	<i>Sabal palmetto</i>	Cabbage Palm	8"	5'	14'	Poor	Remove	Bent and damaged trunk
106	<i>Cupaniopsis anacardioides</i>	Carrotwood	10"	15'	30'	Good	Remove	
107	<i>Cupaniopsis anacardioides</i>	Carrotwood	16"	25'	35'	Fair	Remove	Canopy damage
108	<i>Cupaniopsis anacardioides</i>	Carrotwood	13"	25'	35'	Fair	Remove	Canopy damage
109	<i>Cupaniopsis anacardioides</i>	Carrotwood	15"	25'	30'	Fair	Remove	Canopy damage
110	<i>Cupaniopsis anacardioides</i>	Carrotwood	15"	20'	30'	Fair	Remove	Canopy damage
111	<i>Cupaniopsis anacardioides</i>	Carrotwood	10"	15'	25'	Poor	Remove	Severe canopy damage
112	<i>Cupaniopsis anacardioides</i>	Carrotwood	8"	12'	20'	Poor	Remove	Severe canopy damage
113	<i>Cupaniopsis anacardioides</i>	Carrotwood	11"	20'	25'	Good	Remove	

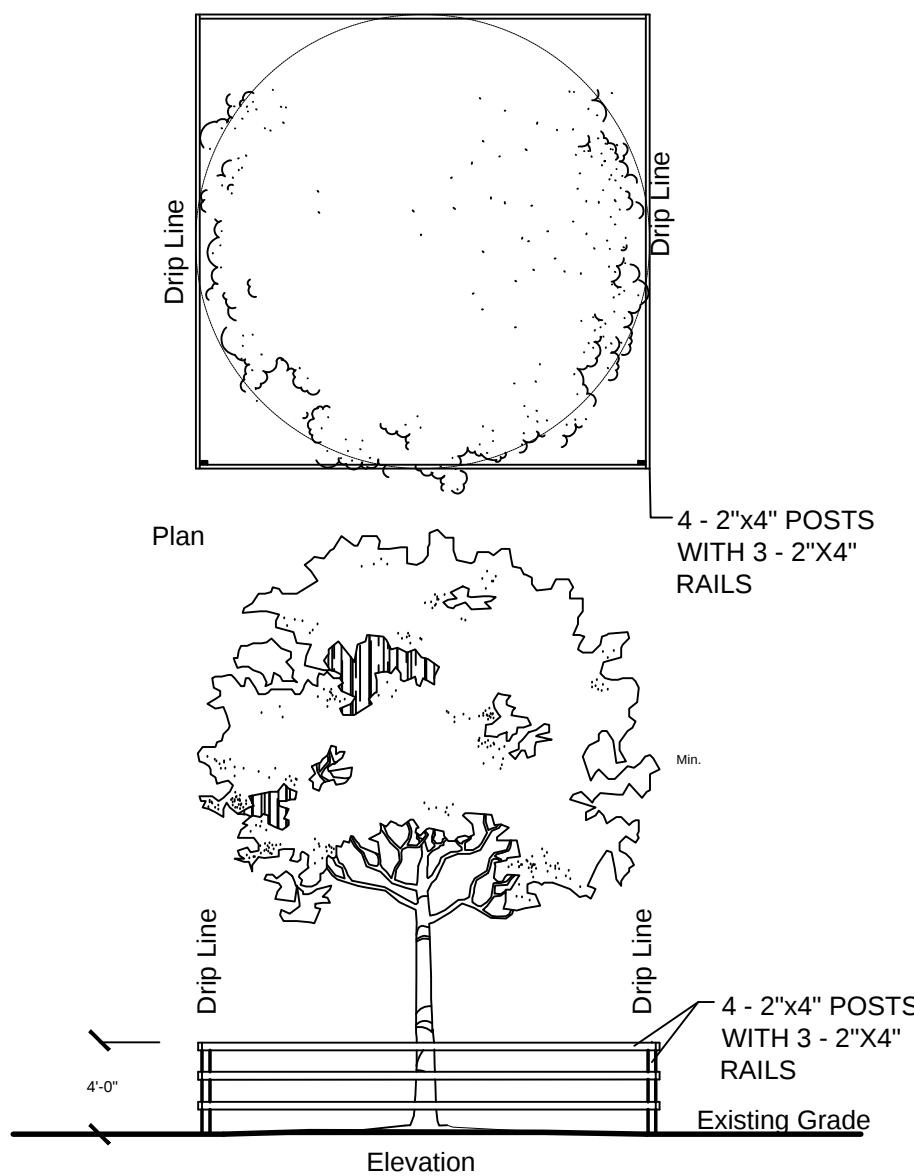
EXISTING / REMOVED /PROPOSED DIAMETER INCHES					
	Existing	Removed	Remain	Provided	Total Provided
Diameter Inches	1,119	1,039	80	1,094	1,174
			80	+	1,094

NOTE:
1. 248 Diameter inches of Carrotwood and Bischofia trees that have been excluded from mitigation counts

ROOT PRUNING FOR TREE RELOCATION

- 1) ROOT PREPARATION
A. Trees to be root pruned with clean, sharp equipment 6-8 weeks prior to relocation to a depth of at least 24 inches by ISA certified arborist.
1. Maintain root pruned materials by watering, weeding, mowing, spraying, fertilizing, and other horticulture practices.
2. After root pruning, backfill with good rooting medium, fertilize with organic fertilizer to promote root growth.
3. Mulch to reduce weeds, discourage foot traffic, conserve moisture, and minimize temperature fluctuation.
B. Root Ball Size Chart: Root ball sizes shall be according to minimum standards set forth in Grades and Standards for Nursery Plants Part II, Palms and Trees, Florida Department of Agriculture.
1. Trees-Minimum Ball Sizes: DBH Minimum Ball Diameter
3-1/2" to 4": 28"
4" to 4-1/2": 30"
4-1/2" to 5": 32"
5" to 5-1/2": 34"
C. Two to three weeks after root pruning and before lifting, tree canopies shall be pruned to remove any dead, decayed, broken branches, low hanging branches, or branches which would otherwise restrict strapping/lifting activities.

- 1) TREE RELOCATION
A. Trees shall be lifted using fiber rope lifting straps, with their rootballs cradled with fiber rope tree slings or other appropriate materials, such that the bulk of the trees' weight rests upon the rootball. Trunk straps may be used for balancing an maneuvering the trees into position, but shall not be used to lift or hold 100% of the trees' weight.
1. Once lifting begins, any uncut roots which become apparent around or under the rootballs shall be immediately severed with the appropriate pruning tools so as to minimize tearing.
2. After lifting, trees shall not be set down again until reaching the final site of relocation.
B. Trees are to be set in pre-dug pits, and properly braced in accordance with tree planting details shown on landscape plan.
C. Daily irrigation at high volume (15-25 gallons per tree, as per size) shall be provided for the first month after relocation. After that time, irrigation shall be provided 3 times per week, continuing at high rates, for at least 2 more months. After establishment, standard irrigation practices shall be implemented.



Existing Tree(s) Protection Detail

NTS



PROPOSED DEALERSHIP & PARKING GARAGE FOR:



Sheet Description
TREE DISPOSITION TABLE
Release Date
8-20-2016
Project Number
1535A
Drawing Number
TD-6
Sheet 6 of 6

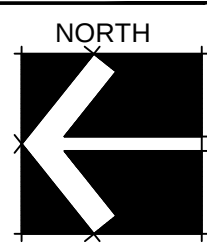
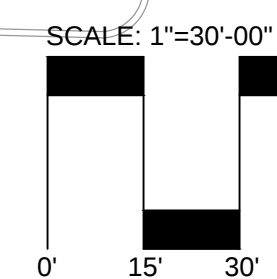
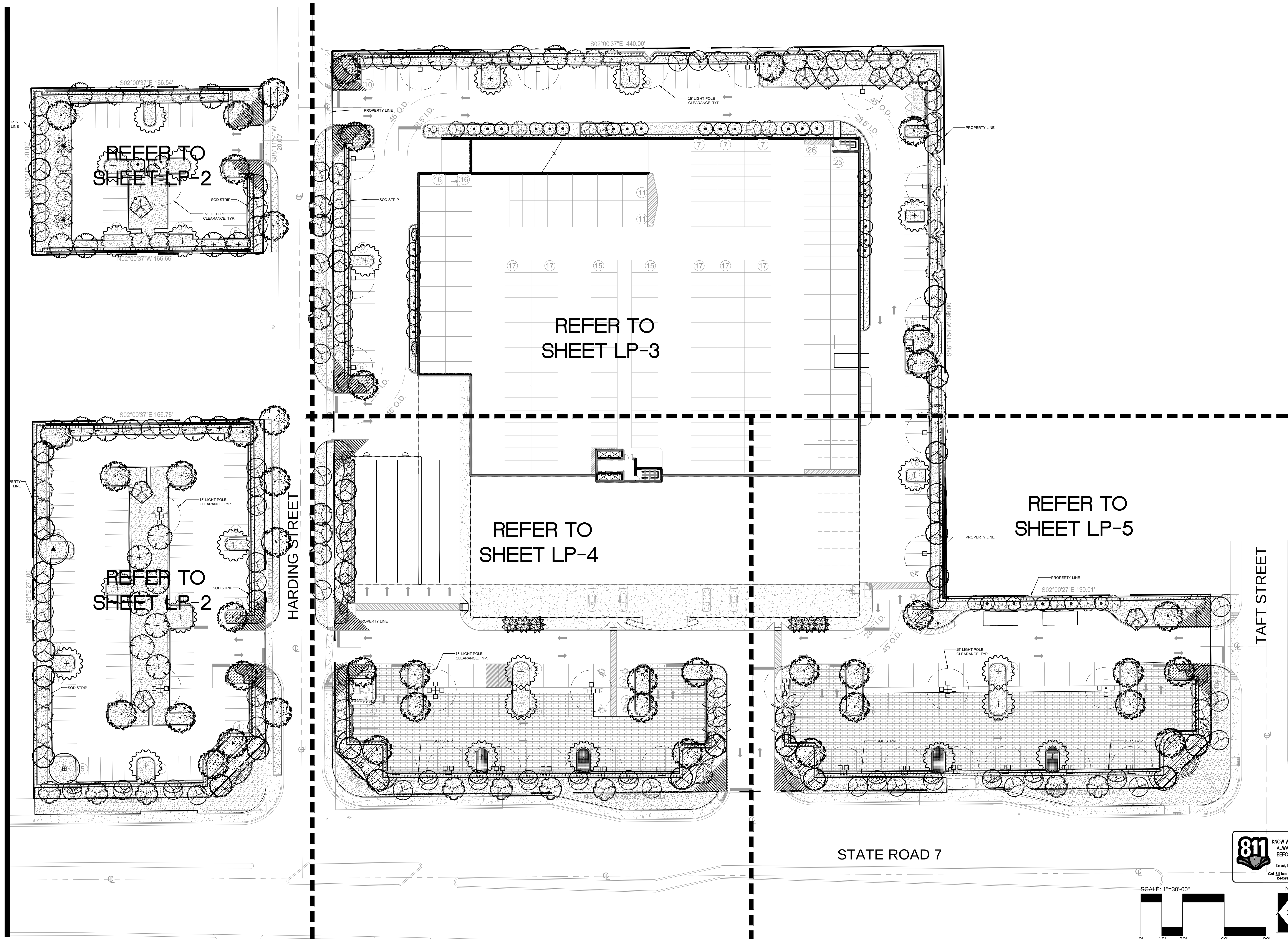
STILES ARCHITECTURAL GROUP
301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627- 9160 33301
FL REG # AA-26001798

HUGH-JOHNSON
RLA #655

Seal

Revision Dates

AAAL
Architectural Alliance Landscape
912 SW 4th Ave., Fort Lauderdale, FL 33305 LCC0000237
TEL: 954-764-8858 EMAIL: HJohnson@archall.net



AAL
Architectural Alliance Landscape
612 SW 4th Ave., Fort Lauderdale, FL 33335 LCC0000337
TEL: 954-764-8858 EMAIL: hjohnson@archall.net

HUGH JOHNSON
RLA #855
Seal

Revision Dates

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301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627 - 9180 33301
FL REG # AA-2600798

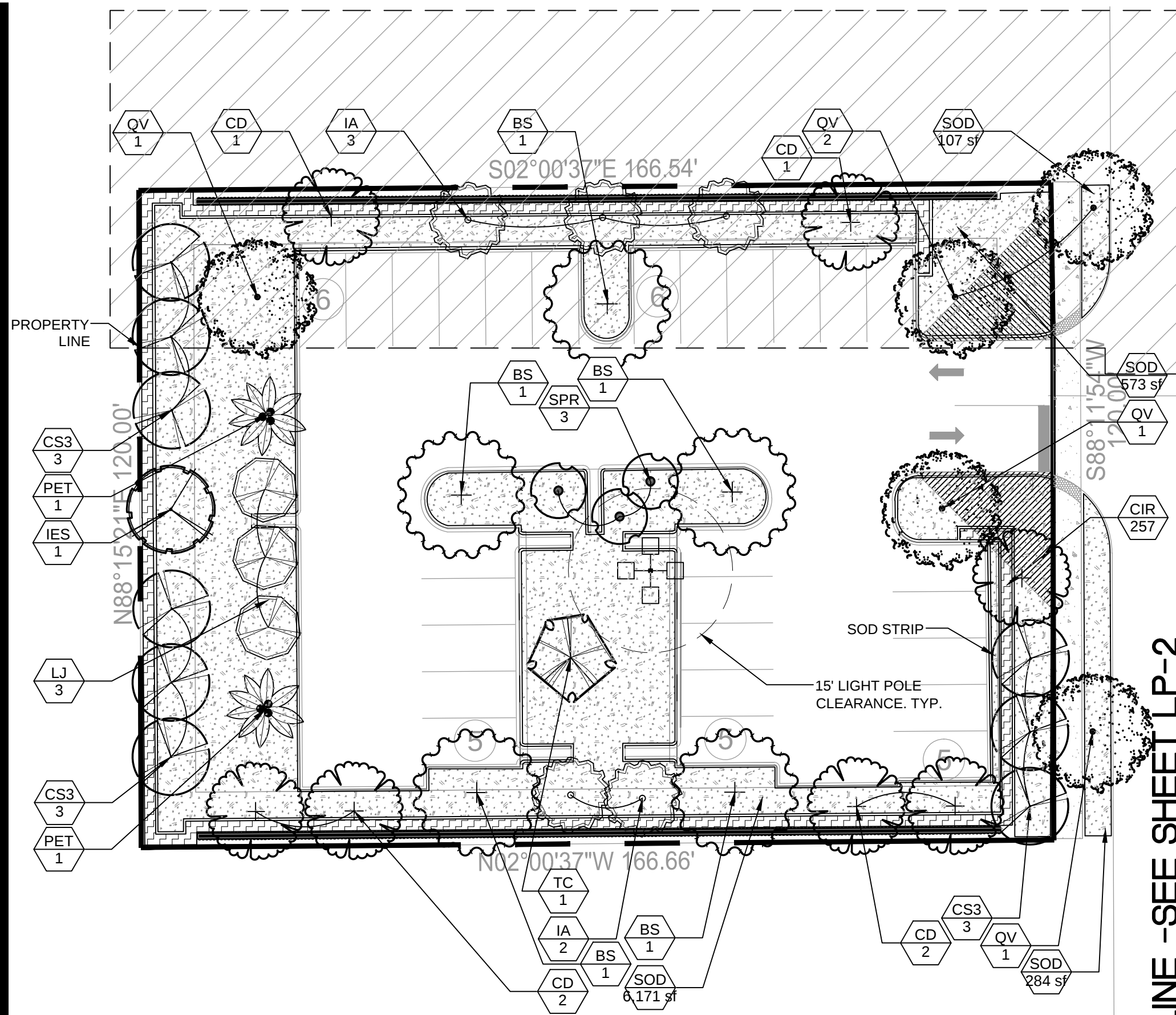
PROPOSED DEALERSHIP & PARKING GARAGE FOR:
TOYOTA OF HOLLYWOOD
1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

Sheet Description
OVERALL LANDSCAPE PLAN

Release Date
8-20-2016

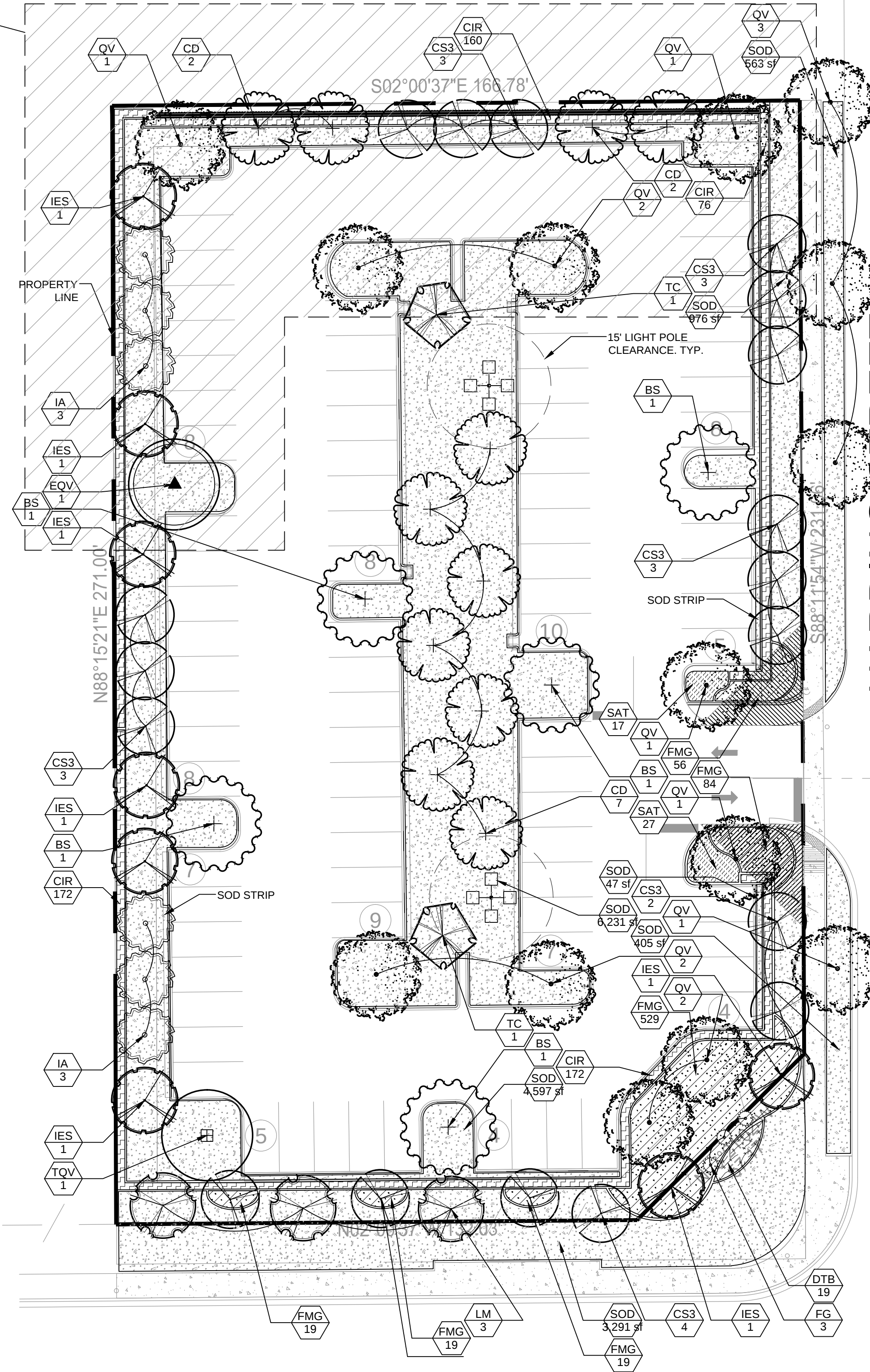
Project Number
1535A

Drawing Number
LP-1
Sheet 1 of 5



MATCH LINE -SEE SHEET LP-2
MATCH LINE -SEE SHEET LP-3

CONTRACTOR TO FIELD
VERIFY TEMPORARY
PARKING LOT TREES
FROM PREVIOUS PERMIT

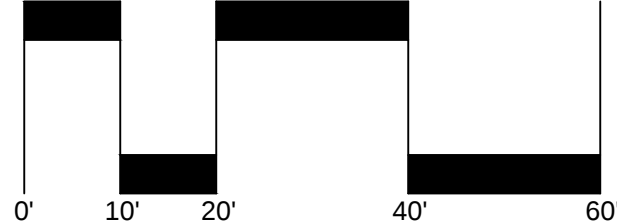


MATCH LINE -SEE SHEET LP-2
MATCH LINE -SEE SHEET LP-4

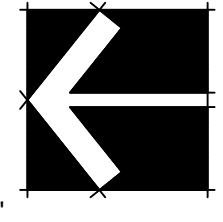
NOTES:

1. ALL SOD AND LANDSCAPE RECEIVE 100% COVERAGE FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
2. IRRIGATION SYSTEM SHALL ALSO BE EQUIPPED WITH RAIN SENSOR.
3. SEE SHEET LP-6 FOR LANDSCAPE DETAILS AND NOTES.
4. SEE SHEET LP-6 FOR PLANTING SCHEDULE.
5. ALL PLANTED MATERIAL ADJACENT TO CURBING SHALL BE PLANTED 3' BACK OF SAID CURB.

SCALE: 1"=20'-00"



NORTH



PROPOSED DEALERSHIP & PARKING GARAGE FOR:

TOYOTA OF HOLLYWOOD

1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

STILES ARCHITECTURAL GROUP

301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627- 9180 33301
FL. REG # AA-26001798

HUGH JOHNSON
RLA #655

Seal

Revision Dates

AAL
Architectural Alliance Landscape
612 SW 4th Ave., Fort Lauderdale, FL 33315 LCC000237
REL 954-764-6856 EMAIL: hjohnson@aarchi.net

Sheet Description
LANDSCAPE
PLAN

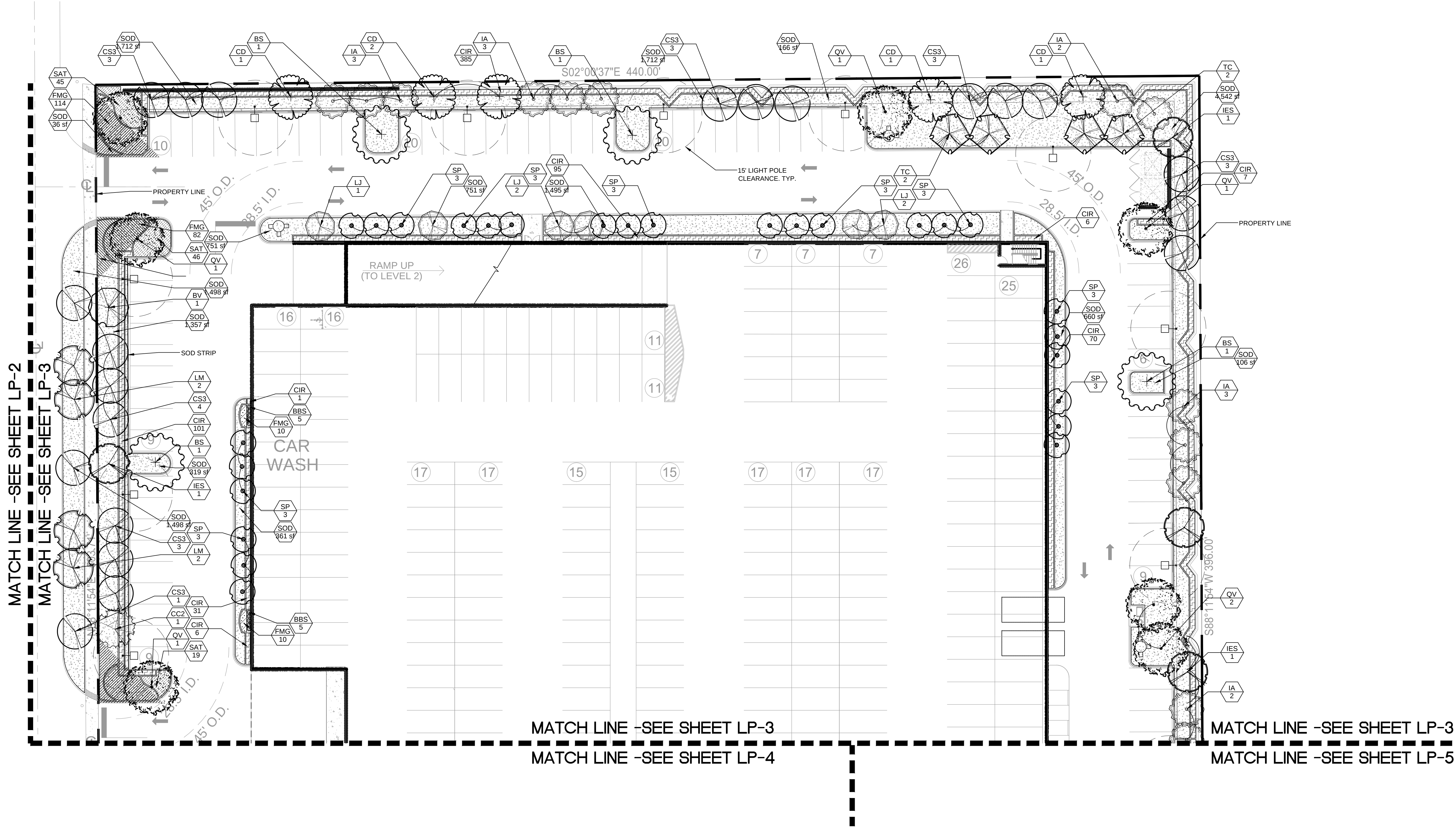
Release Date
8-20-2016

Project Number
1535A

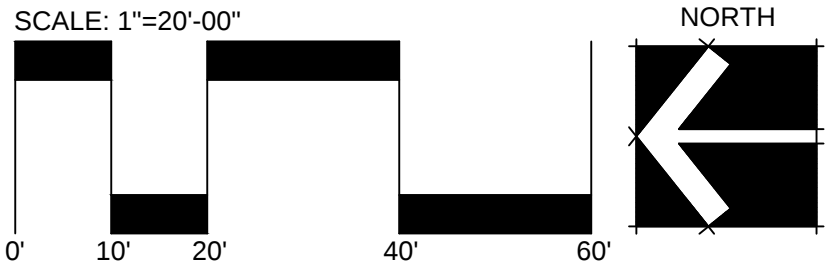
Drawing Number

LP-2

Sheet 1 of 5



- NOTES:
1. ALL SOD AND LANDSCAPE RECEIVE 100% COVERAGE FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
 2. IRRIGATION SYSTEM SHALL ALSO BE EQUIPPED WITH RAIN SENSOR.
 3. SEE SHEET LP-6 FOR LANDSCAPE DETAILS AND NOTES.
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 5. ALL PLANTED MATERIAL ADJACENT TO CURBING SHALL BE PLANTED 3' BACK OF SAID CURB.





Architectural Alliance Landscape

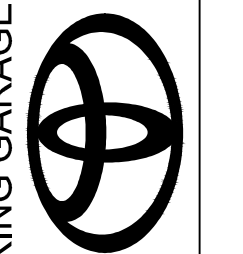
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RLA #655

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STILES
ARCHITECTURAL GROUP

301 East Las Olas Blvd
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954 - 627- 9180 33301
FL. REG # AA-2600798

PROPOSED DEALERSHIP & PARKING GARAGE FOR:


TOYOTA OF HOLLYWOOD
1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

Sheet Description

LANDSCAPE PLAN

Release Date

8-20-2016

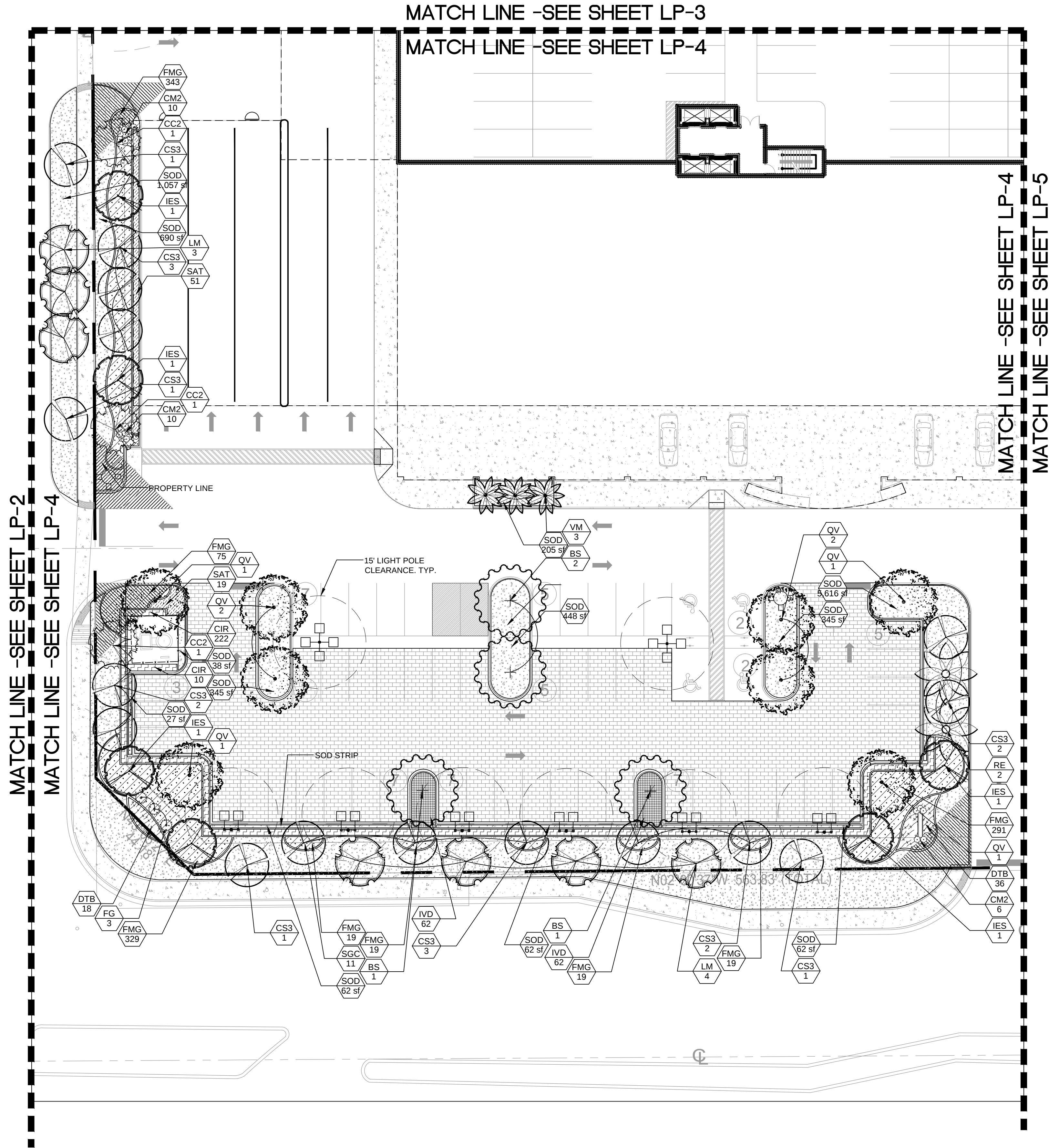
Project Number

1535A

Drawing Number

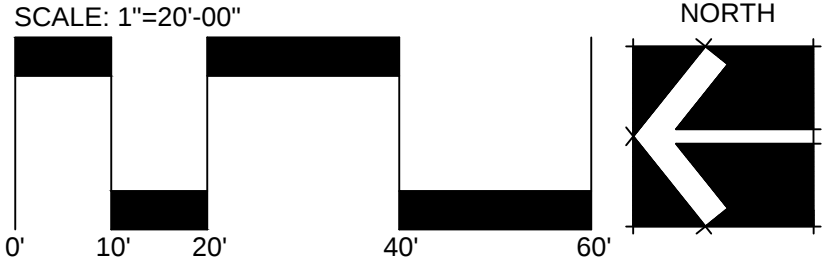
LP-3

Sheet 1 of 5



NOTES:

1. ALL SOD AND LANDSCAPE RECEIVE 100% COVERAGE FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
2. IRRIGATION SYSTEM SHALL ALSO BE EQUIPPED WITH RAIN SENSOR.
3. SEE SHEET LP-6 FOR LANDSCAPE DETAILS AND NOTES.
4. SEE SHEET LP-6 FOR PLANTING SCHEDULE.
5. ALL PLANTED MATERIAL ADJACENT TO CURBING SHALL BE PLANTED 3' BACK OF SAID CURB.



PROPOSED DEALERSHIP & PARKING GARAGE FOR:

TOYOTA OF HOLLYWOOD

1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

STILES ARCHITECTURAL GROUP

301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627- 9180 33301
FL. REG # AA-26001798

HUGH JOHNSON
RLA #655

Seal

Revision Dates

AAL
Architectural Alliance Landscape
612 SW 4th Ave., Fort Lauderdale, FL 33315 LCC000237
TEL: 954-764-6858 EMAIL: hjohnson@archall.net

Sheet Description
LANDSCAPE PLAN

Release Date
8-20-2016

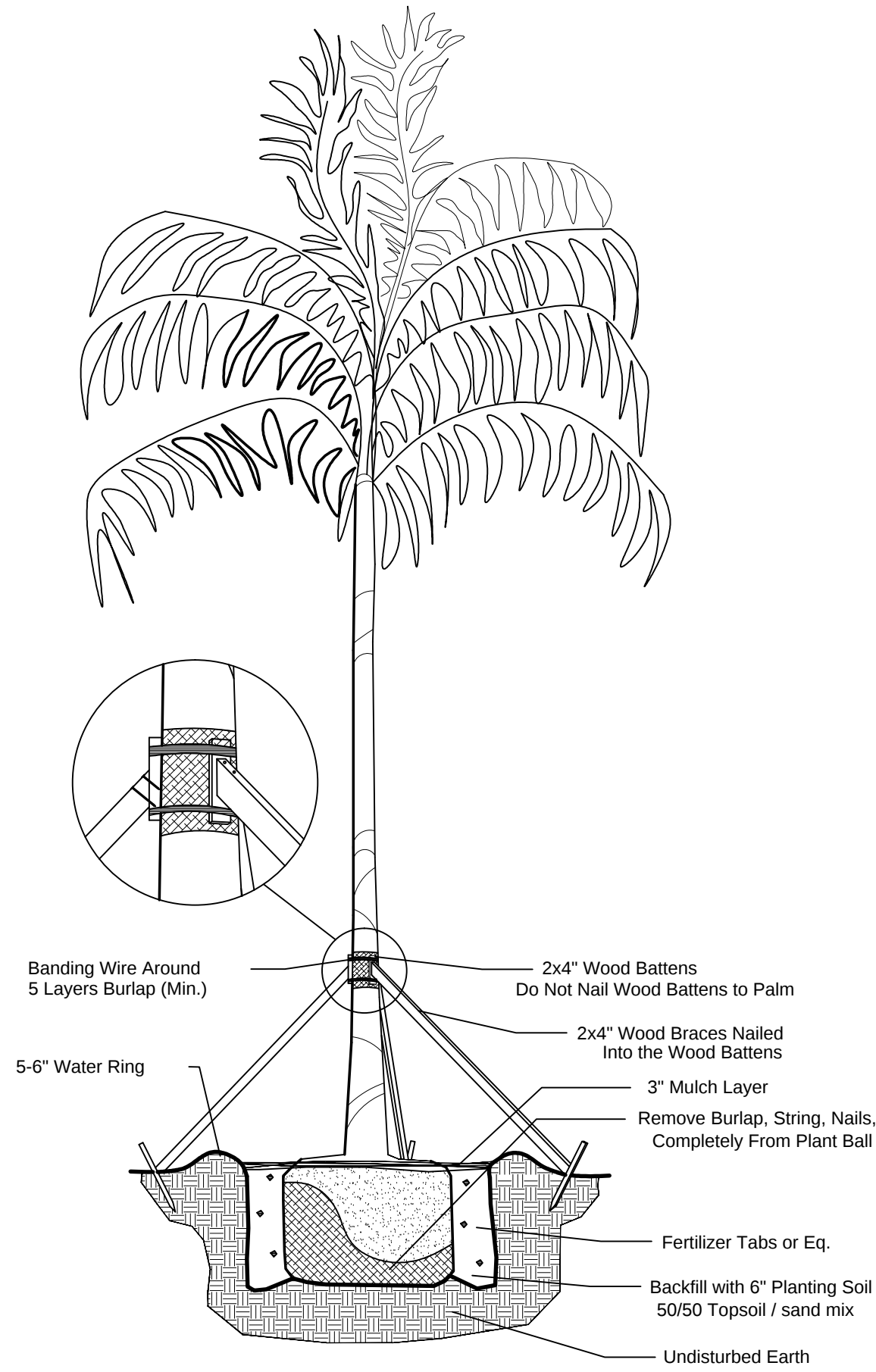
Project Number
1535A

Drawing Number

LP-4

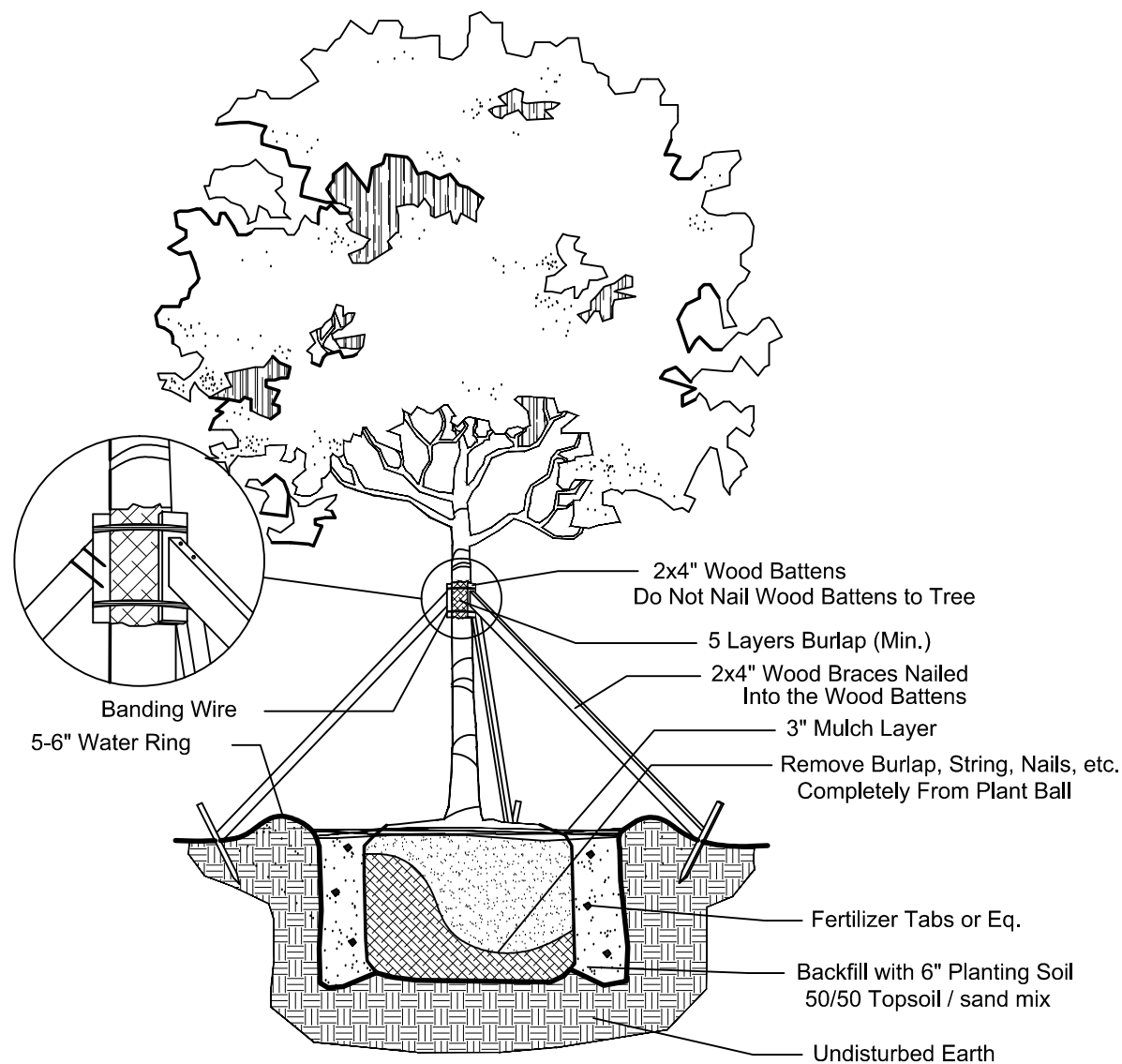
Sheet 1 of 5

LANDSCAPE CALCULATIONS				
ZONING: C-3				
		CALCULATION	REQUIRED	PROVIDED
SECTION 2.4				
COMMERCIAL DISTRICTS				
PERIMETER LANDSCAPE				
STREET TREES				
1	(1) 2" CALIPER X 12' H TREE PER 50 LINEAR FEET OR PORTION THEREOF STREET FRONTAGE OF PROPERTY WHEREIN IMPROVEMENTS ARE PROPOSED			
	STATE ROAD 7 (PARCEL A)	536 L.F. / 50	11	11
	STATE ROAD 7 (PARCEL B)	189 L.F. / 50	4	4
	TAFT STREET (PARCEL A)	85 L.F. / 50	2	2
	HARDING STREET (PARCEL A)	423 L.F. / 50	9	9
	HARDING STREET (PARCEL B)	207 L.F. / 50	4	4
	HARDING STREET (PARCEL C)	96 L.F. / 50	2	2
PERIMETER TREES				
2	5' LANDSCAPE BUFFER AND (1) TREE PER EVERY 20 LINEAR FT.			
	PERIMETER (PARCEL A)	2,088 L.F. / 20	104	104
	PERIMETER (PARCEL B)	834 L.F. / 20	41	41
	PERIMETER (PARCEL C)	549 L.F. / 20	27	27
INTERIOR LANDSCAPE FOR VEHICULAR USE AREA				
PARKING LOT				
4	TERMINAL ISLANDS SHALL BE INSTALLED AT EACH END OF ALL ROWS OF VUA PARKING SPACES AND SHALL HAVE MIN. 190 S.F. OF PERVIOUS AREA. EACH ISLAND SHALL CONTAIN AT LEAST (1) ONE TREE			
	(PARCEL A)	23 TERMINAL	23	23
	(PARCEL B)	11 TERMINAL	11	11
	(PARCEL C)	8 TERMINAL	8	8
6	LOTS WITH A WIDTH MORE THAN 50 FT.: 25% OF THE TOTAL SQUARE FOOTAGE OF THE PAVED VUA SHALL BE LANDSCAPED			
	(PARCEL A)	100,569 S.F. X 25%	25,142 S.F.	
	(PARCEL B)	44,421 S.F. X 25%	11,105 S.F.	
	(PARCEL C)	19,992 S.F. X 25%	4,998 S.F.	
OPEN SPACE				
7	ALL PREVIOUS AREAS MUST BE LANDSCAPED WITH GRASS, GROUND COVER, AND/OR SHRUBBERY.			
8	MINIMUM (1) TREE PER 1,000 S.F. OF PERVIOUS AREA OF PROPERTY			
	(PARCEL A)	21,173 S.F. / 1,000	21	22
	(PARCEL B)	8,950 S.F. / 1,000	9	9
	(PARCEL C)	4,634 S.F. / 1,000	5	5
TOTAL TREES				
	TOTAL TREES REQUIRED		281	282
	MIN. 60% REQUIRED NATIVE TREES			
	(PARCEL A)	185 X 60%	111	148
	(PARCEL B)	75 X 60%	45	72
	(PARCEL C)	42 X 60%	25	39
	MAX. 50% PERCENT OF PALMS			
	(PARCEL A)	185 X 50%	93	40
	(PARCEL B)	75 X 50%	38	0
	(PARCEL C)	42 X 50%	21	5
NOTES: ALL PALMS SHALL BE COUNTED AS 3:1 EXCEPT ROYAL PALMS AND DATE PALMS				
CONTRACTOR TO MAKE SURE THAT ALL INVASIVE SPECIES ARE REMOVED FROM SITE				



Palm Planting Detail

NTS

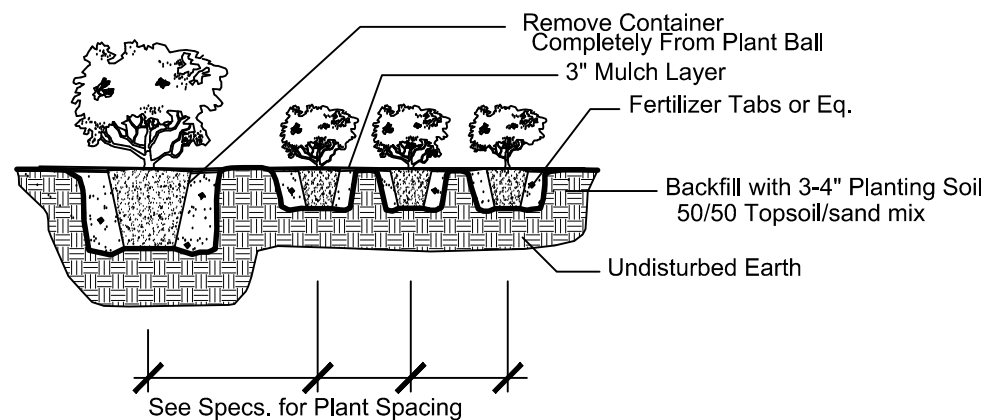


Large Tree Planting Detail

NTS

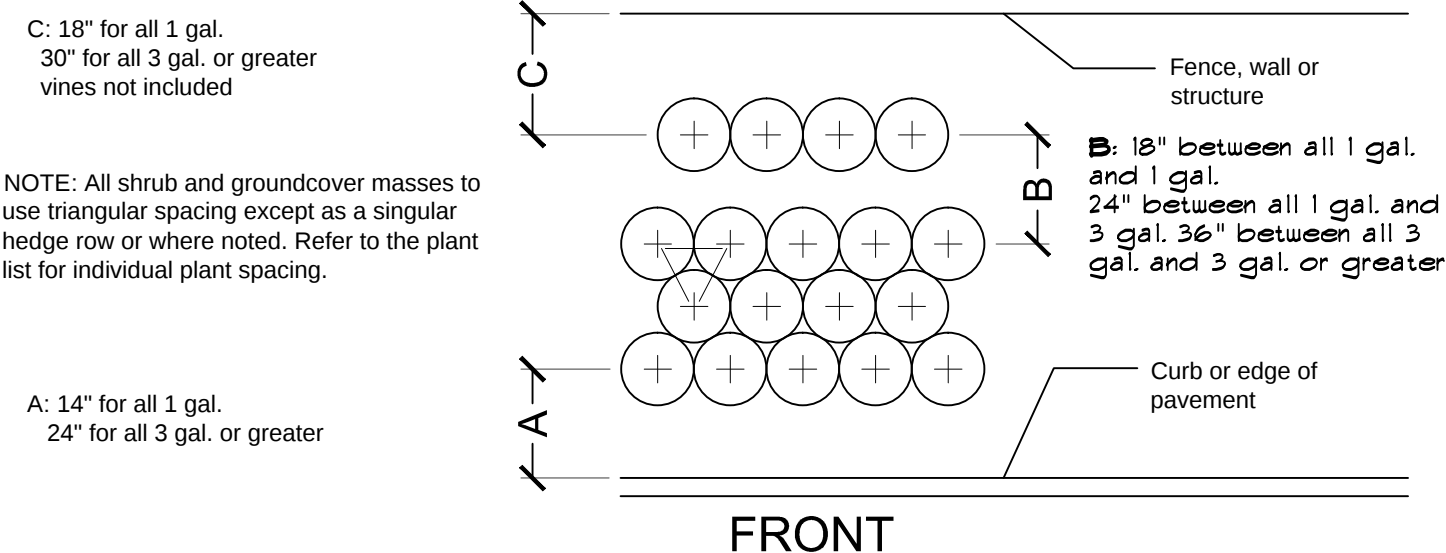
PLANT SCHEDULE TOYOTA OF HOLLYWOOD

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	DROUGHT
BV	1	BULNESIA ARBOREA	VERAWOOD	FIELD GROWN / B & B	2" DBH	10' HT. X 6" SPR.	NO	HIGH
BS	23	BURSERA SIMARUBA	GUMBO LIMBO	FG/B&B	2" DBH	16' OA., 7' SPD., 8' CT.	YES	HIGH
CC2	6	CASSIA SURATTENSIS	CASSIA	B&B FIELD GROWN	2" DBH	10'-12' H. X 5' SPREAD	NO	HIGH
CD	23	COCCOLOBA DIVERSIFOLIA	PIGEON PALM	FG/B&B	2.5" DBH	12' HT. X 5' SPR., S	YES	HIGH
CS3	82	CONOCARPUS ERECTUS SERICEUS	SILVER BUTTON WOOD	FG/B&B	2" DBH	12' HT. X 6" SPR., SINGLE STRAIGHT LEADER	YES	HIGH
IES	26	ILEX CASSINE	DAHOON HOLLY	FG/B&B	2" DBH	12' HT X 6" SPR	YES	HIGH
IA	24	ILEX X ATTENUATA 'EAST PALATKA'	EAST PALATKA HOLLY	FIELD GROWN / B & B	2" DBH	12' HT X 6" SPR	YES	HIGH
LM	16	LAGERSTROEMIA INDICA 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	B&B FIELD GROWN	2" DBH	12' HT. X 6" SPR. MIN., SINGLE STRAIGHT LEADER	NO	HIGH
LJ	15	LIGUSTRUM JAPONICUM	TREE LIGUSTRUM	FG/B&B	MULTI STEM	10' HT. X 5' SPR.	NO	MEDIUM
EQV	1	QUERCUS VIRGINIANA	LIVE OAK	EXISTING TO REMAIN				
QV	44	QUERCUS VIRGINIANA	LIVE OAK	FG/B&B	2.5" DBH	12' HT. X 5' SPR., STD.	YES	HIGH
TQV	1	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	RELOCATED				
FLOWERING TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	DROUGHT
TC	8	TABEBUIA CARAIBA	SILVER TRUMPET	FIELD GROWN / B & B	2.5" DBH	14"HT X 6"SPR, STD	NO	HIGH
PALM TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	DROUGHT
PET	2	PTYCHOSPERMA ELEGANS	ALEXANDER PALM	FG/B&B		14-16-18" OA., TRIPLES	NO	HIGH
RE	4	ROYSTONEA ELATA	FLORIDA ROYAL PALM	FIELD GROWN / B & B		8' GW., 20' + OA., MATCHED	YES	HIGH
SP	32	SABAL PALMETTO	CABBAGE PALMETTO	FG/B&B		30'+ OA	YES	HIGH
SPR	3	SABAL PALMETTO	CABBAGE PALMETTO	RELOCATED			YES	HIGH
VM	6	VEITCHIA MONTGOMERYANA	MONTGOMERY PALM	FIELD GROWN / B & B		20-24" OA., SINGLES, HEAVY	NO	MEDIUM
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	DROUGHT
BBS	10	BOUGAINVILLEA X 'BARBARA KARST'	RED BOUGAINVILLEA	25 GAL		8' TRELLIS WITH RUNNERS	NO	HIGH
CM2	26	CODIAEUM VARIEGATUM 'MAMMEY'	MAMMEY CROTON	3 GAL.		18"X18"	NO	HIGH
FG	12	FURCRAEA GIGANTEA	FALSE AGAVE	15 GAL		3' OA., SPECIMEN AS SHOWN	NO	HIGH
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	DROUGHT
CIR	1,949	CHRYSOBALANUS ICACO 'REDTIP'	RED TIP COCOPLUM	3 GAL.,		24"HT X 24"SPR	YES	MEDIUM
FMG	3,009	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FICUS	3 GAL.,		12"HT X 12"SPR	NO	HIGH
IVD	252	ILEX VOMITORIA 'STOKES DWARF'	DWARF YAUPOH HOLLY	3 GAL		12"HT X 12"SPR	YES	HIGH
SGC	7	SCHEFFLERA ARBORICOLA 'GOLD CAPELLA'	GOLD CAPELLA ARBORICOLA	3 GAL.,		24"HT X 24"SPR	NO	HIGH
SAT	244	SCHEFFLERA ARBORICOLA 'TRINETTE'	SCHEFFLERA	3 GAL.,		24"HT X 24"SPR	NO	HIGH
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	DROUGHT
DTB	111	DIANELLA TASMANICA	BLUEBERRY FLAX LILY	3 GAL		16" HT X 16" SPR @	NO	MEDIUM
SOD/SEED	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	DROUGHT
SOD	57,332 SF	STENOTAPHRUM SECUNDATUM 'FLORITAM'	FLORITAM' ST. AUGUSTINE SOD	SOD				



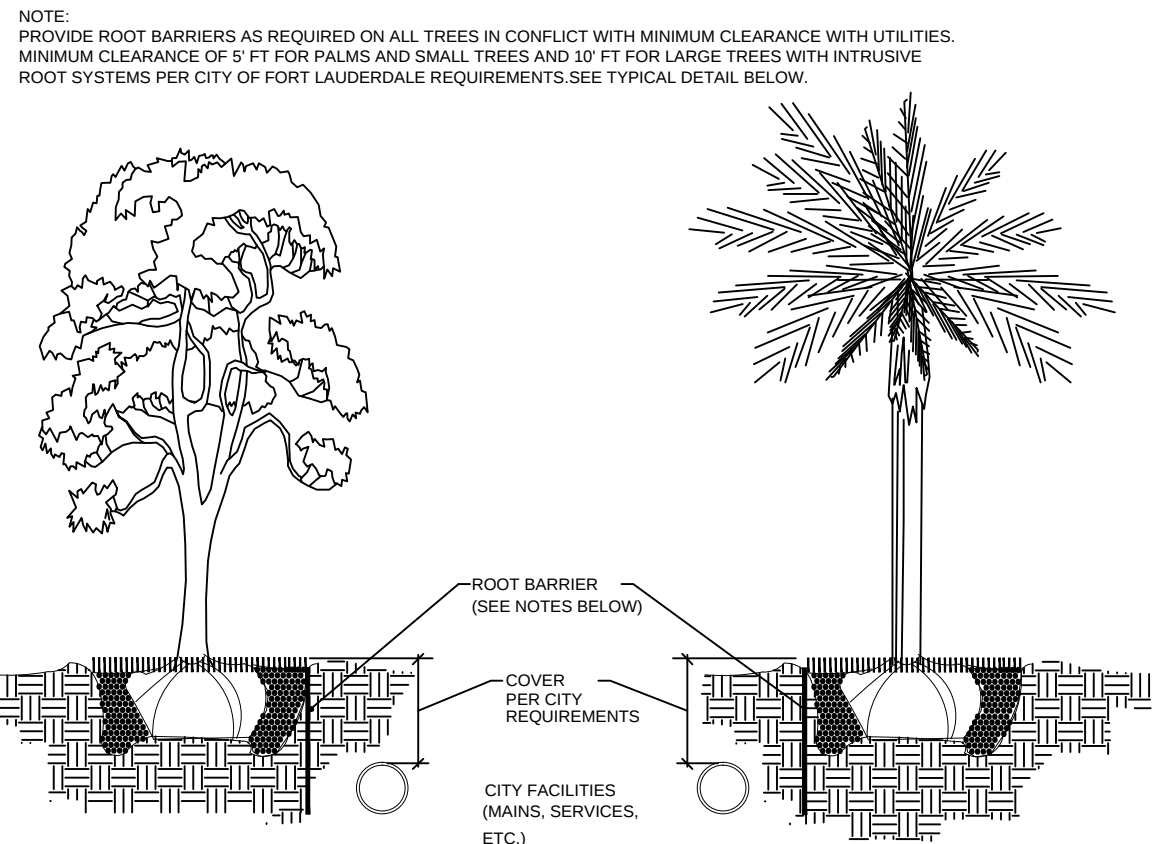
Shrub & Ground Cover Planting Detail

NTS



Typical Plant Spacing

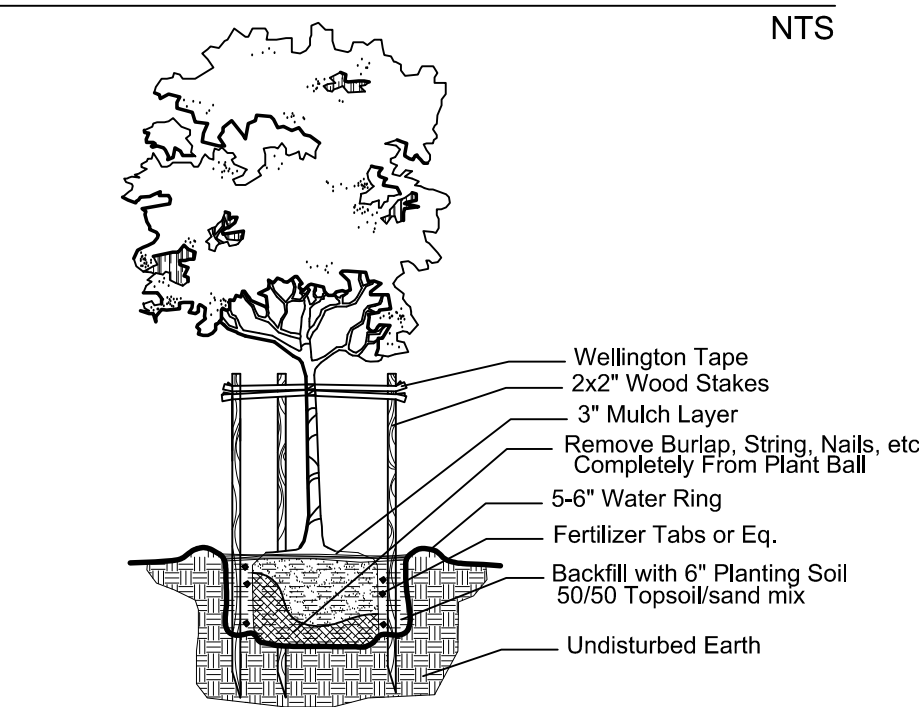
NTS



NOTES:

1. THE INSTALLATION OF ROOT BARRIERS SHALL BE COORDINATED WITH CITY AND INSPECTED BY CITY PRIOR TO BACKFILLING. ALL ROOT BARRIERS SHALL EXTEND UP TO FINISHED GRADE.
2. ROOT BARRIERS SHALL HAVE MINIMUM DEEP PER CITY REQUIREMENTS. APPROVED PRODUCTS INCLUDE "DEEP ROOT" AND "ROOT SOLUTIONS". FLEXIBLE BARRIERS SHALL BE 36" PANELS MANUFACTURED BY BIOBARRIER.
3. ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.

Typical Root Barrier Detail



Small Tree Planting Detail

NTS

NOTES:

1. ALL SOD AND LANDSCAPE RECEIVE 100% COVERAGE FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
2. IRRIGATION SYSTEM SHALL ALSO BE EQUIPPED WITH RAIN SENSOR.
3. ALL CITY OF DANIA BEACH LANDSCAPE NOTES TAKES PRECEDENT OVER ARCHITECTURAL ALLIANCE LANDSCAPE NOTES.

NOTES:

GENERAL PLANTING REQUIREMENTS

All sizes shown for plant material on the plans are to be considered Minimum. All plant material must meet or exceed these minimum requirements for both height and spread. Any other requirements for specific shape or effect as noted on the plan(s) will also be required for final acceptance.

All plant material furnished by the landscape contractor shall be Florida #1 or better as established by "Grades and Standards for Florida Nursery Plants" and "Grades and Standards for Florida Nursery Trees". All material shall be installed as per CSI specifications.

All plant material as included herein shall be warrantied by the landscape contractor for a minimum period as follows: All trees and palms for 12 months, all shrubs, vines, groundcovers and miscellaneous planting materials for 90 days, and all lawn areas for 60 days after final acceptance by the owner or owner's representative.

All plant material shall be planted in planting soil that is delivered to the site in a clean loose and friable condition. All soil shall have a well drained characteristic. Soil must be free of all rocks, sticks, and objectionable material including weeds and weed seeds as per CSI specifications.

Twelve inches (12") of planting soil 50/50 sand/topsoil mix is required around and beneath the root ball of all trees and palms, and 1 cubic yard per 50 bedding or groundcover plants.

All landscape areas shall be covered with Eucalyptus or sterilized seed free Melaleuca mulch to a minimum depth of three inches (3") of cover when settled. A four-inch clear space must be left for air between plant bases and the mulch. Cypress bark mulch shall not be used.

All plant material shall be thoroughly watered in at the time of planting; no dry planting permitted. All plant materials shall be planted such that the top of the plant ball is flush with the surrounding grade.

All landscape and lawn areas shall be irrigated by a fully automatic sprinkler system adjusted to provide 100% coverage of all landscape areas. All heads shall be adjusted to 100% overlap as per manufacturers specifications and performance standards utilizing a rust free water source. Each system shall be installed with a rain sensor.

It is the sole responsibility of the landscape contractor to insure that all new plantings receive adequate water during the installation and during all plant warranty periods. Deep watering of all new trees and palms and any supplemental watering that may be required to augment natural rainfall and site irrigation is mandatory to insure proper plant development and shall be provided as a part of this contract.

All plant material shall be installed with fertilizer, which shall be State approved as a complete fertilizer containing the required minimum of trace elements in addition to N-P-K, of which 50% of the nitrogen shall be derived from an organic source as per CSI specifications.

Contractors are responsible for coordinating with the owners and appropriate public agencies to assist in locating and verifying all underground utilities prior to excavation.

All ideas, designs and plans indicated or represented by this drawing are owned by and are the exclusive property of Architectural Alliance.

The plan takes precedence over the plant list.

SPECIAL INSTRUCTIONS

General site and berm grading to +/- 1 inch (1") shall be provided by the general contractor. All finished site grading and final decorative berm shaping shall be provided by the landscape contractor.

All sod areas as indicated on the planting plan shall receive Stenotaphrum secundatum, St. Augustine 'Palmetto' solid sod. It shall be the responsibility of the landscape contractor to include in the bid, the repair of any sod which may be damaged from the landscape installation operations.



PROPOSED DEALERSHIP & PARKING GARAGE FOR:

TOYOTA OF HOLLYWOOD

1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

Sheet Description
LANDSCAPE PLAN

Release Date
8-20-2016

Project Number
1535A

Drawing Number

LP-6

Sheet 1 of 5

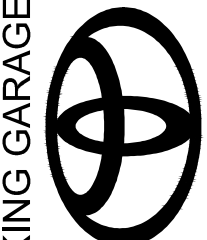
HUGH JOHNSON
RLA #655

Seal

Revision Dates

STILES
ARCHITECTURAL GROUP

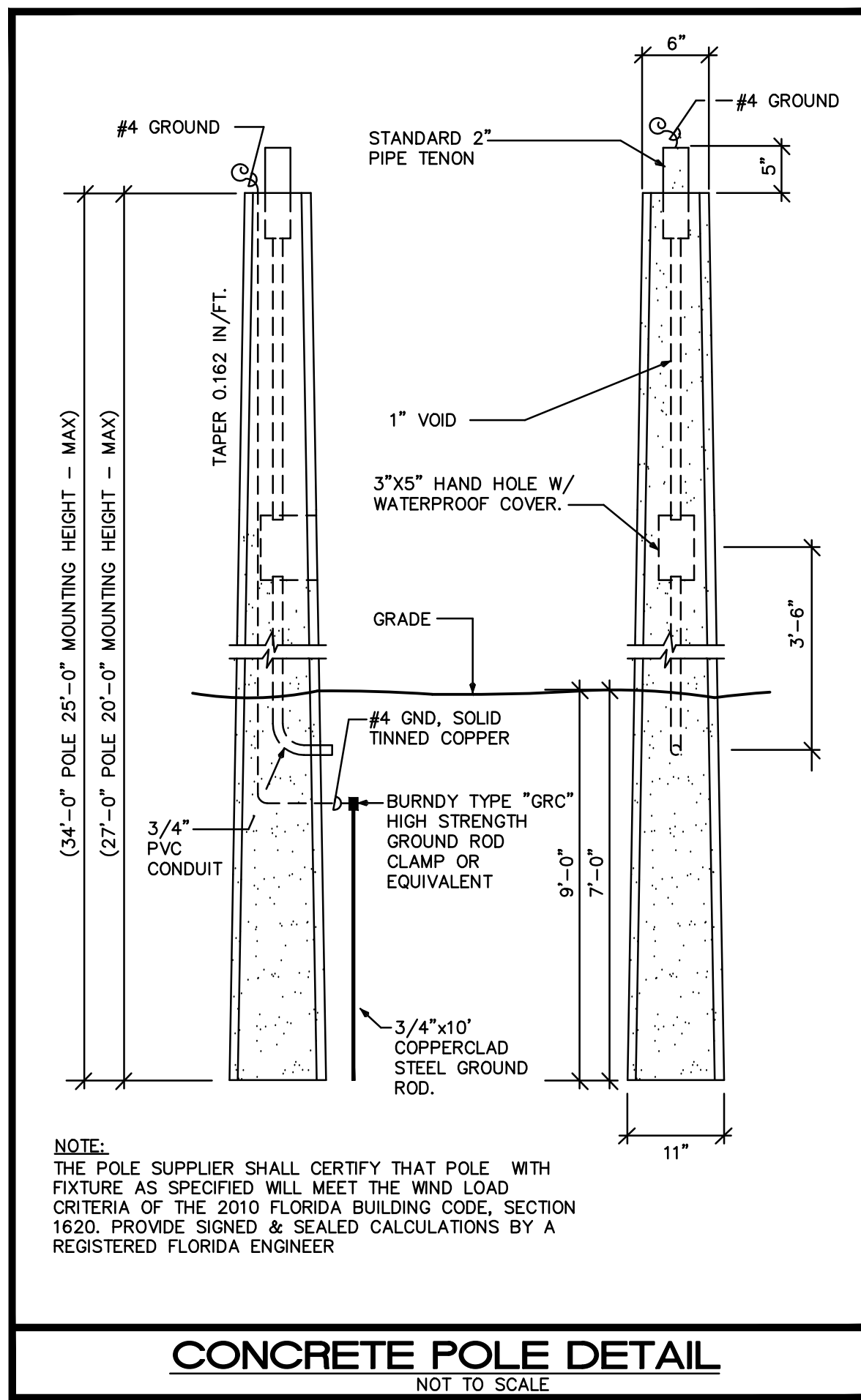
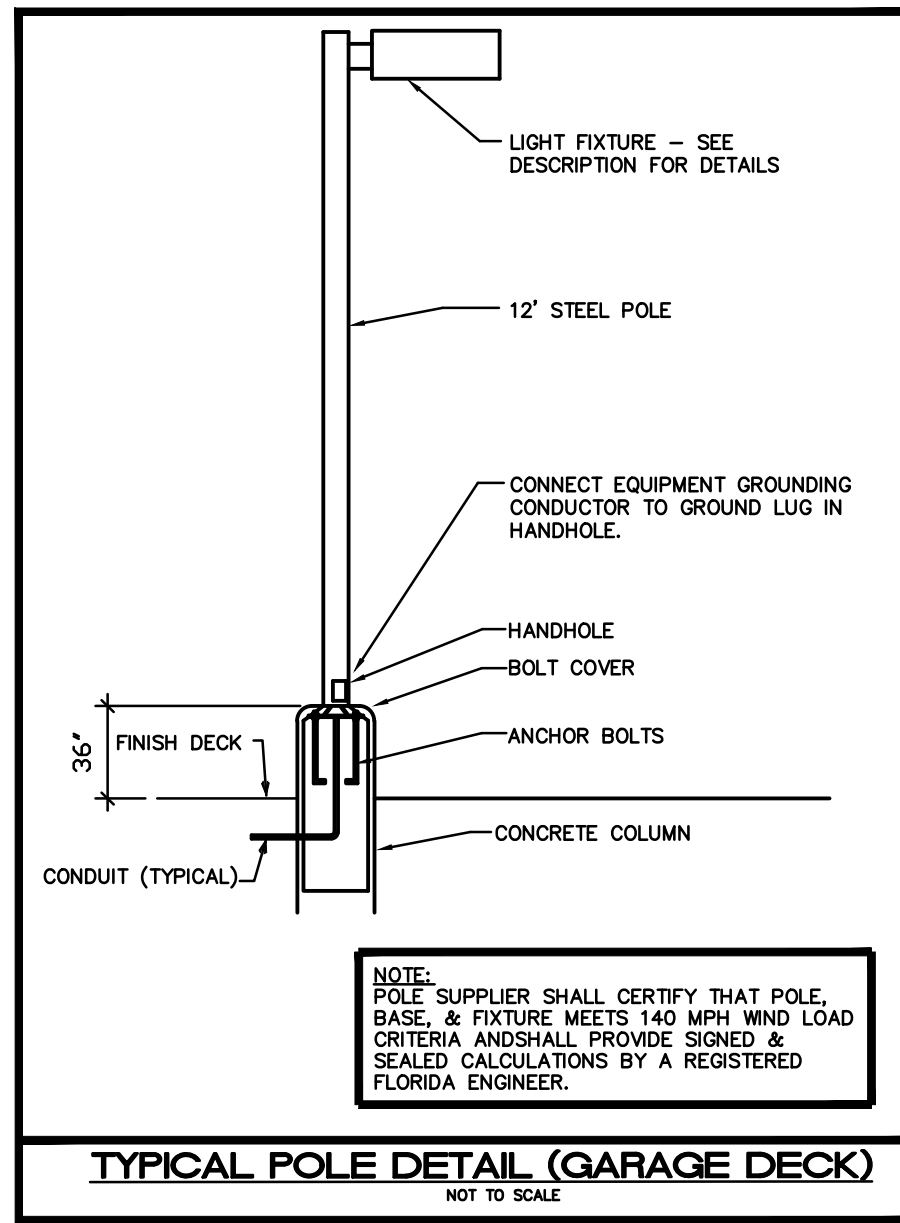
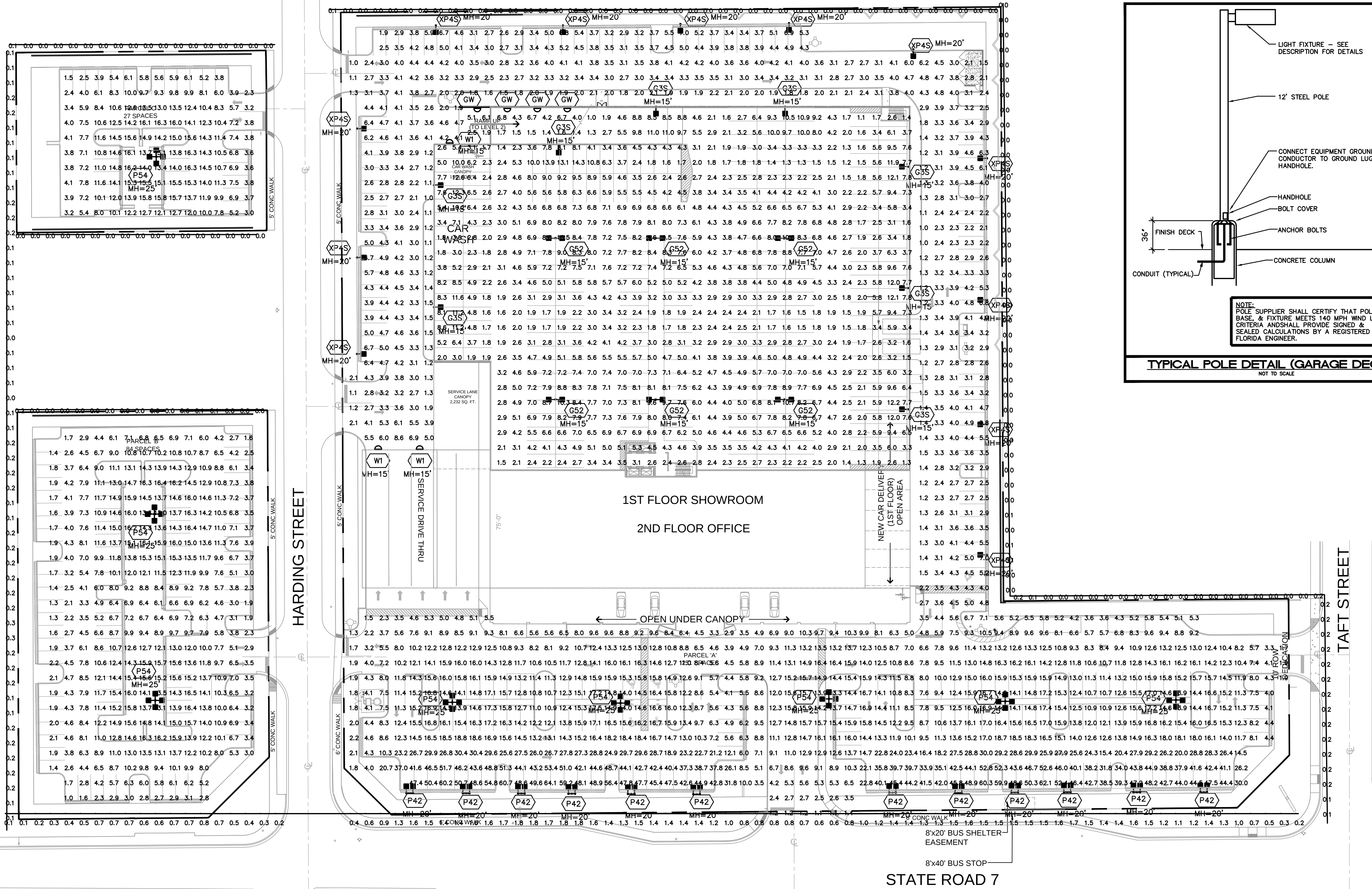
301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627- 9180 33301
FL REG #AA-26001798



Symbol	Label	[MANUFAC]	Description	Qty	Arrangement	Total Lamp Lumens	LLF	Lum. Watts	Total Watts
	G3S	Lithonia Lighting	DSX1 LED 60C 1000 40K BLC MVOLT	8	SINGLE	N.A.	0.900	209	1672
	G52	Lithonia Lighting	DSX1 LED 60C 1000 40K TSM MVOLT	6	D180	N.A.	0.900	209	2508
	GW	Kenall	MR17EL-PP-MW-25L50K-DCC-DV MTD 4" AFD	4	SINGLE	N.A.	0.900	29.34	117.36
	P42	Lithonia Lighting	DSX2 LED 100C 1000 40K TSVS MVOLT HS	12	ROTATED OPTICS	N.A.	0.900	360	8640
	P54	Lithonia Lighting	DSX2 LED 100C 1000 40K TSM MVOLT	8	4 @ 90 DEGREES	N.A.	1.000	360	11520
	W1	Lithonia Lighting	ASW1 LED 1 49B530/50K SR4	3	SINGLE	N.A.	0.900	86	258
	XP4S	Lithonia Lighting	DSX1 LED 60C 1000 40K T4M MVOLT HS	12	SINGLE	N.A.	0.900	209	2508

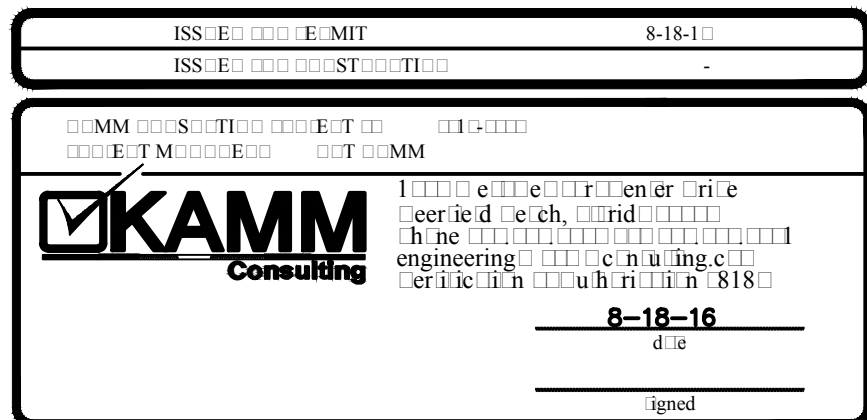
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
GARAGE DECK	Illuminance	Fc	4.85	14.3	1.0	4.85	14.30
PROPERTY-EAST	Illuminance	Fc	0.05	0.2	0.0	N.A.	N.A.
PROPERTY-NORTH	Illuminance	Fc	0.00	0.1	0.0	N.A.	N.A.
PROPERTY-NORTH PARCEL C	Illuminance	Fc	0.01	0.1	0.0	N.A.	N.A.
PROPERTY-NORTH PARCEL B	Illuminance	Fc	0.02	0.2	0.0	N.A.	N.A.
PROPERTY-SOUTH	Illuminance	Fc	1.08	1.8	0.1	10.80	18.00
PROPERTY-SOUTH PARCEL C	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
PROPERTY-WEST	Illuminance	Fc	0.15	0.3	0.0	N.A.	N.A.
PARCEL B	Illuminance	Fc	8.60	16.5	1.0	8.60	16.50
PARCEL C	Illuminance	Fc	9.80	18.3	1.5	6.53	10.87
CUSTOMER PARKING-FRONT	Illuminance	Fc	11.33	17.5	2.2	5.18	7.95
DISPLAY 1	Illuminance	Fc	47.53	64.1	37.0	1.28	1.73
DISPLAY 2	Illuminance	Fc	43.65	62.1	26.2	1.67	2.37
REAR PARKING	Illuminance	Fc	3.72	8.6	1.1	3.38	7.82

ANY ACCEPTABLE ALTERNATE/SUBSTITUTE MUST BE APPROVED IN WRITING PRIOR TO BID DATE.
TO CONFIRM THAT THE SPECIFIED PHOTOMETRIC CRITERIA HAS BEEN MET, A COMPUTER DISK CONTAINING THE IES PHOTOMETRIC FILE FOR THE PROPOSED ALTERNATE/SUBSTITUTION MUST BE SUBMITTED TO KAMM CONSULTING ENGINEERS FOR EVALUATION NO LESS THAN 10 DAYS PRIOR TO BID.



GENERAL NOTES:

ALL LIGHT FIXTURES ARE TO BE FULL CUTOFF. ALL FIXTURES ADJACENT TO RESIDENTIAL PROPERTY AND ON THE PERIMETER OF THE PARKING GARAGE DECK ARE TO HAVE HOUSE SIDE SHIELDS TO PREVENT LIGHT TRESPASS ONTO ADJACENT PROPERTY. ALL INTERIOR GARAGE FIXTURES ADJACENT TO RESIDENTIAL PROPERTY ARE TO HAVE HOUSE SIDE SHIELDS.



REVISIONS :

CONSULTANT

STILES ARCHITECTURAL GROUP
301 East Las Olas Blvd
Fort Lauderdale, Florida
954 - 627 - 9180 33301
FL. REG #A-26001798

PROPOSED DEALERSHIP & PARKING GARAGE FOR:
TOYOTA OF HOLLYWOOD
1841 NORTH STATE ROAD 7
HOLLYWOOD, FL 33021

SITE
PHOTOMETRIC PLAN

E1.1

PROJECT NO.
73842
DRAWN BY:
Mat
CHECKED BY:
J.L.P
DATE:
May 13, 2016