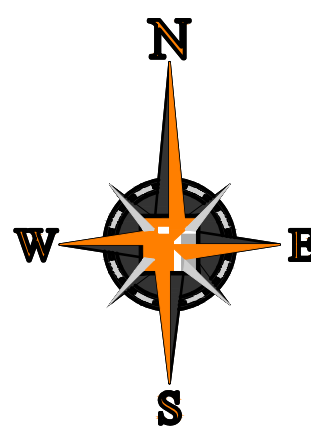
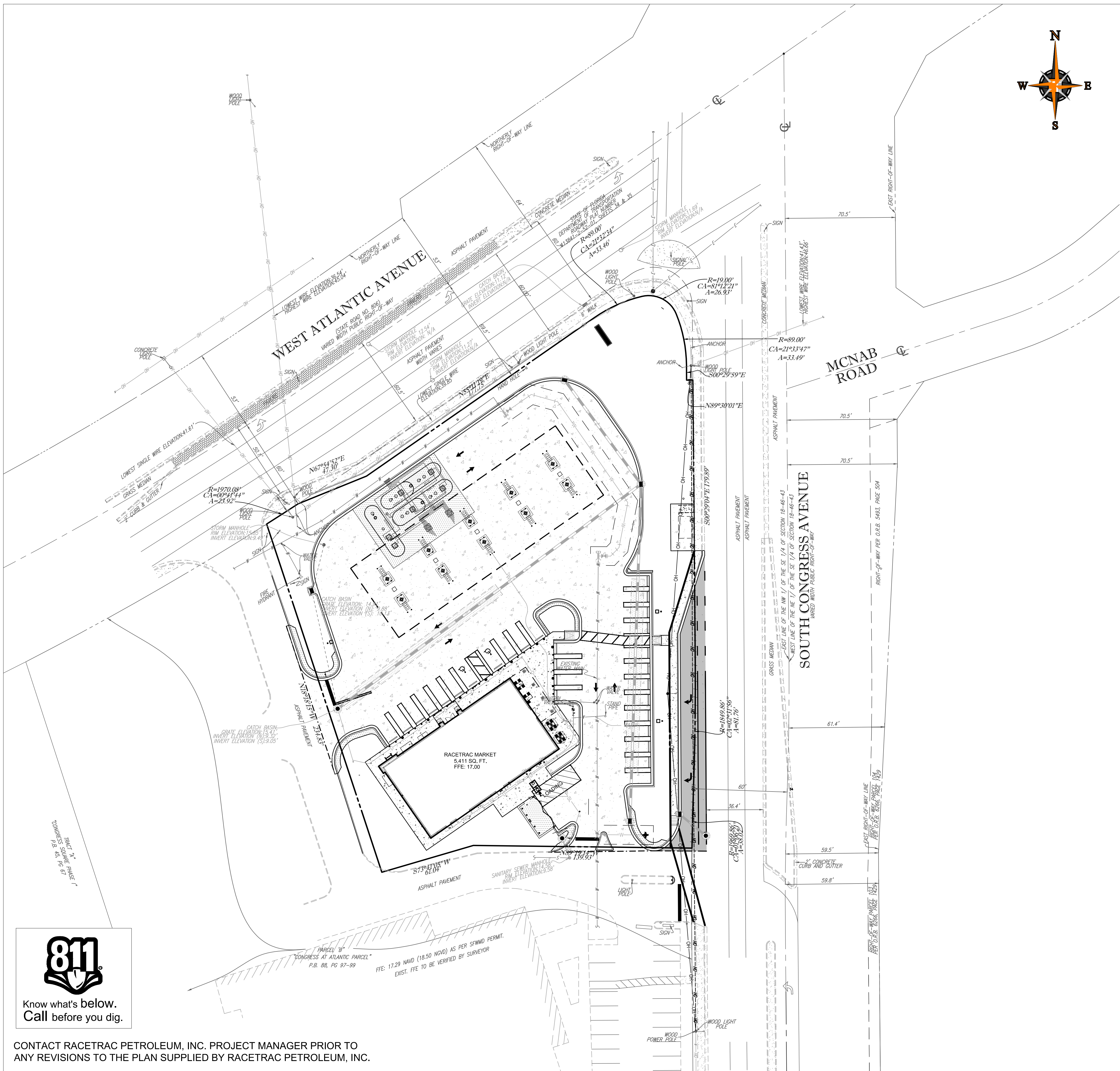




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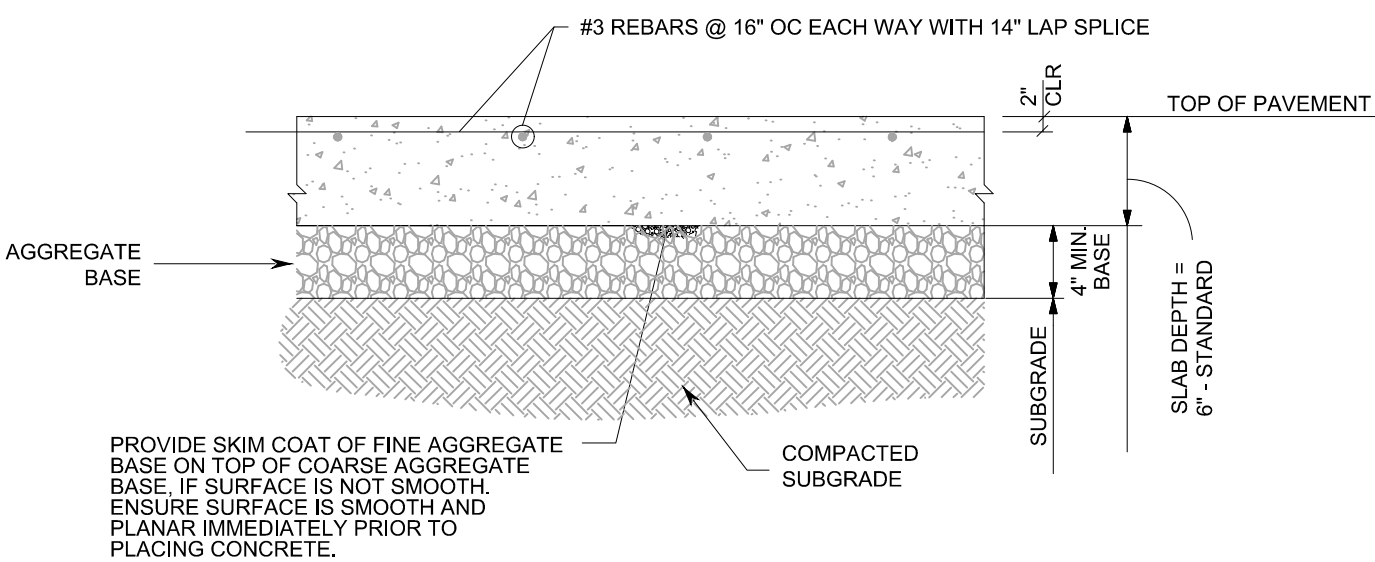


PAVING PLAN NOTES:

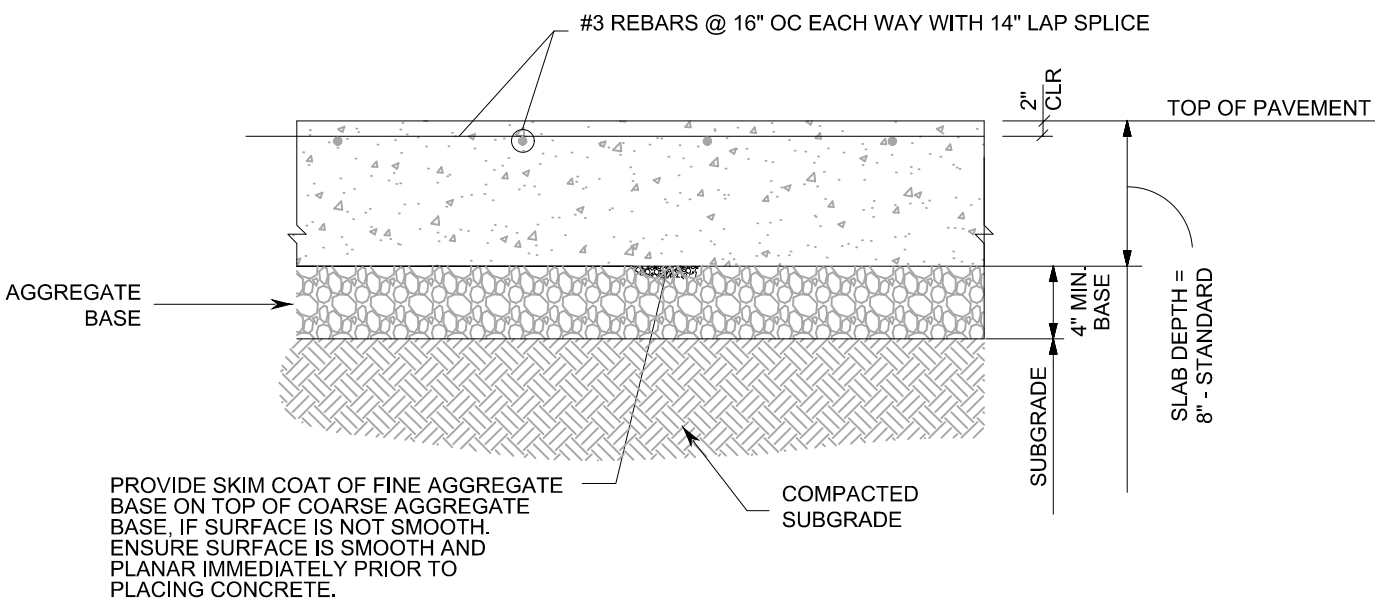
- ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" LATEST EDITION.
- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE STATE DOT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES. CONTRACTOR SHALL REVIEW ALL TRAFFIC CONTROL DEVICES WITH DOT PRIOR TO INSTALLATION.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR PARKING STALLS, HANDICAPPED PARKING SYMBOLS, AND MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING.
- ALL HANDICAP RAMPING, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT OF 1990.
- CONTRACTOR TO SUBMIT A JOINTING PLAN TO THE CONSTRUCTION MANAGER PRIOR TO THE BEGINNING OF ANY PAVING WORK.
- PAVING CONTRACTOR TO COORDINATE WITH BUILDING CONTRACTOR ON THE CONSTRUCTION AND PAVING NEAR THE SCREENING WALLS AND THE DUMPSTER PADS.
- ALL DISCREPANCIES FOUND BY CONTRACTOR RELATED TO UNDERGROUND UTILITIES OR OTHER APPURTENANCES SHALL BE RESOLVED TO THE SATISFACTION OF OWNER AND ENGINEER PRIOR TO PLACEMENT OF ANY PAVING. CONTRACTOR TO ENSURE POSITIVE DRAINAGE FROM THE PROPOSED BUILDINGS AND NO PONDING IN SUBGRADE OF AREAS TO BE PAVED, AND NOTIFY OWNER AND ENGINEER IF ANY DISCREPANCIES ARE FOUND PRIOR TO INSTALLATION OF ANY PAVING.
- EXISTING MANHOLE TOPS, VALVE BOXES, ETC. ARE TO BE ADJUSTED AS REQUIRED TO MATCH PROPOSED GRADES. IF NECESSARY, RE-ADJUSTMENTS SHALL BE PERFORMED UPON COMPLETION OF PAVING AND FINE GRADING TO ENSURE A SMOOTH TRANSITION.
- ALL PAVEMENT TO BE SLOPED FOR POSITIVE DRAINAGE.

HATCH LEGEND

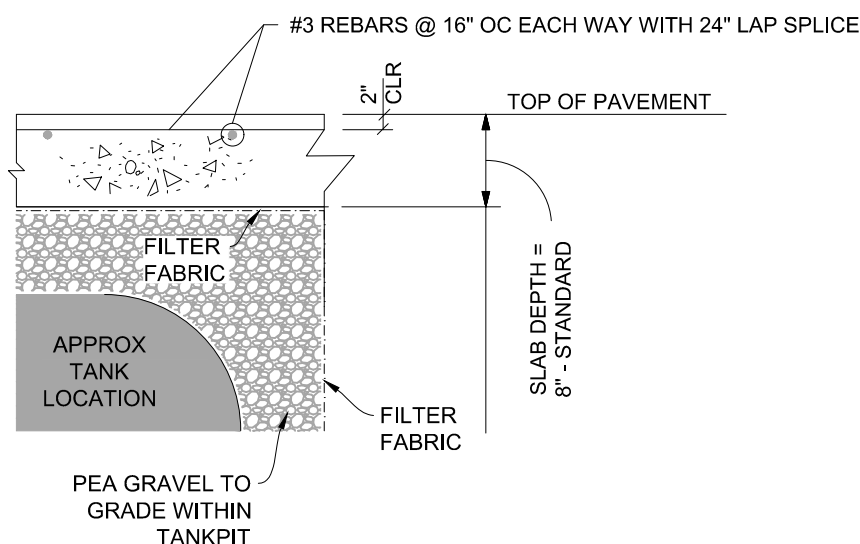
- 8" REINFORCED CONCRETE FOR DUMPSTER ENCLOSURE, TANK AREA & CURB BACKING
- 4" THICK CONCRETE SIDEWALK
- 6" THICK CONCRETE PAVING



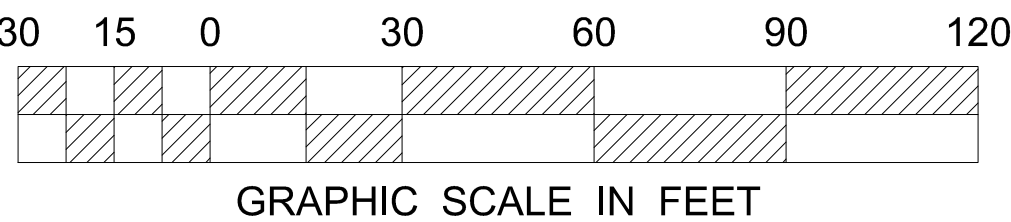
TYPICAL 6" PAVEMENT SECTION
NTS



TYPICAL 8" PAVEMENT SECTION
NTS



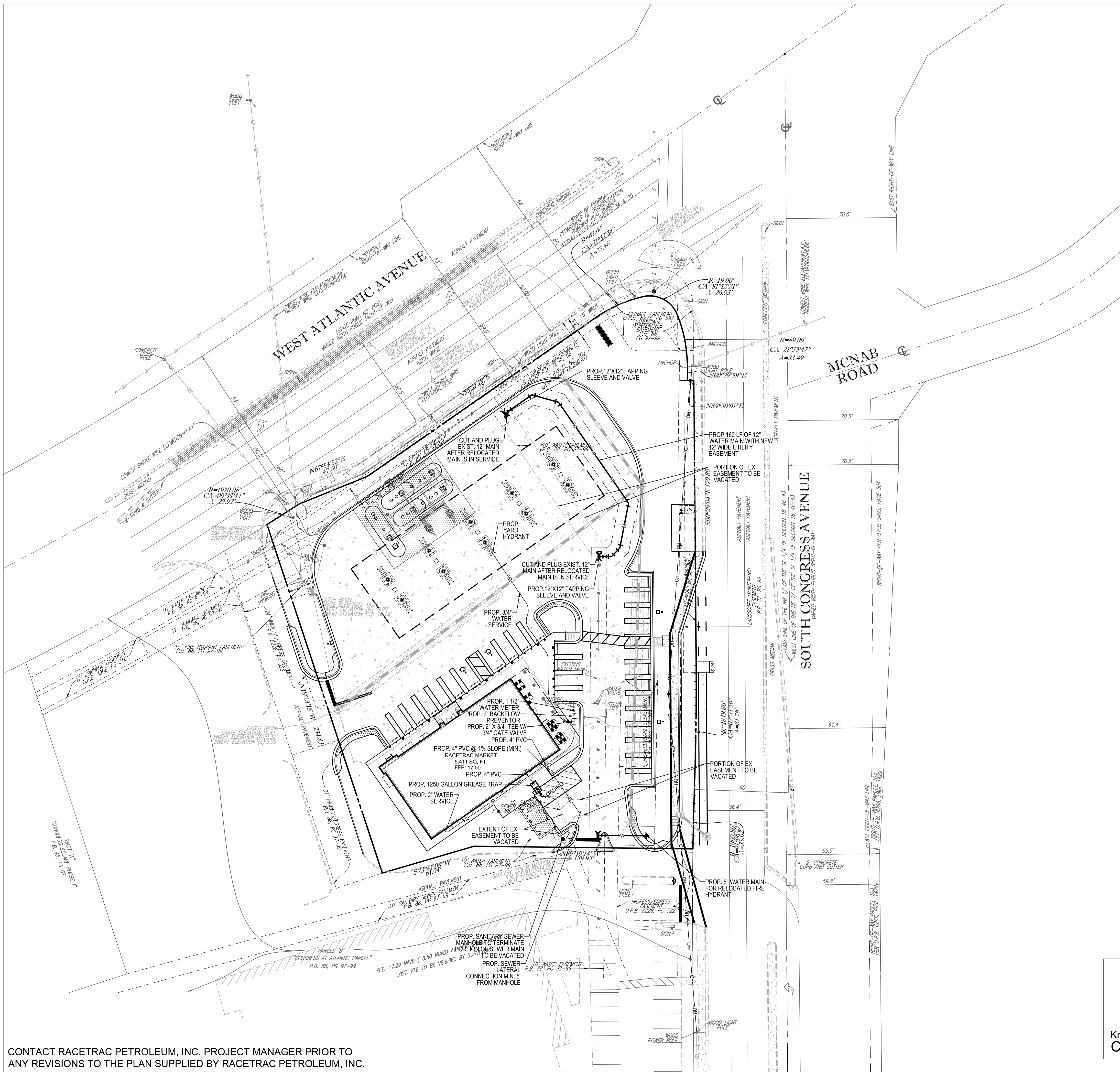
TYPICAL TANK PAD PAVEMENT SECTION
NTS



PAVING PLAN		RACETRAC MARKET & GAS STATION	
DATE: 10/27/20		DRAWN-BY: JFV	
SCALE: 1" = 30'		DRAWING NO.: 1	
SHEET NO.:		VERSION:	
C3.1		1	
SHEET NO.		VERSION	
THOMAS ENGINEERS		KEVIN A. BELANCOURT	
8000 NW 13TH AVE FORT LAUDERDALE, FL 33309 PH: (954) 202-7000 www.ThomasEngineeringGroup.com		PROFESSIONAL ENGINEER No. 83381 FLORIDA BOARD OF PROFESSIONAL ENGINEERS No. 27528	

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CONTACT RACETRAC PETROLEUM, INC. PROJECT MANAGER PRIOR TO
ANY REVISIONS TO THE PLAN SUPPLIED BY RACETRAC PETROLEUM, INC.



DATUM NOTE:
ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD 88).

UTILITY LEGEND

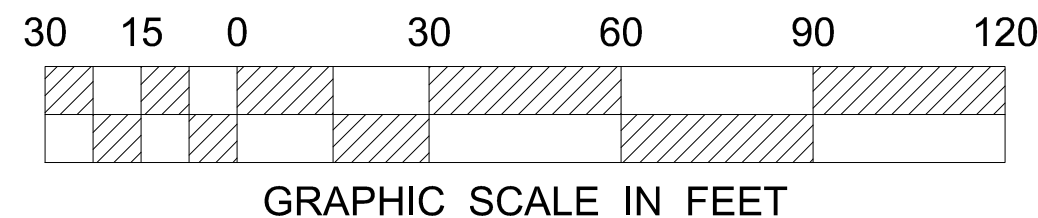
EXISTING NOTE	TYPICAL NOTE TEXT	PROPOSED NOTE
—W—	UNDERGROUND WATER LINE	—W—
—E—	UNDERGROUND ELECTRIC LINE	—E—
—T—	UNDERGROUND TELEPHONE LINE	—T—
—S—	STORM SEWER	—S—
—OH—	SANITARY SEWER MAIN	—S—
—OH—	OVERHEAD WIRE	—OH—
—H—	HYDRANT	+
—S—	SANITARY MANHOLE	—S—
—D—	STORM MANHOLE	—D—
—C—	CATCH BASIN	—C—
—W—	WATER METER	—W—
—B—	BACKFLOW PREVENTER	—B—
—C—	CLEAN OUT	—C—

UTILITY NOTES:

- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
- THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- CONTRACTOR SHALL REFER TO ARCHITECT'S PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH CITY UTILITY REQUIREMENTS AS TO LOCATIONS AND SCHEDULING FOR TIE-INS/CONNECTIONS PRIOR TO CONNECTING EXISTING FACILITIES.
- CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL PLANS, POWER COMPANY, & TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER AND TELEPHONE SERVICE TO BUILDING.
- SEE DETAIL SHEETS FOR BACKFILLING AND COMPACTION REQUIREMENTS ON UTILITY TRENCHES.
- CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
- CONTRACTOR SHALL COORDINATE WITH OTHER UTILITIES TO ASSURE PROPER DEPTH AND PREVENT ANY CONFLICT OF UTILITIES.
- CONTRACTOR SHALL GROUT AROUND ALL PIPE ENTRANCES TO SANITARY SEWER MANHOLES WITH NON-SHRINKING GROUT TO ASSURE CONNECTION IS WATER TIGHT.
- CONTRACTOR SHALL ON ALL UTILITIES, COORDINATE INSPECTION WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES AT INSTALLATION.
- THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES AND OWNERS INSPECTING AUTHORITIES.
- SITE CONTRACTOR TO COORDINATE PROPOSED RECONNECTION OF ALL UTILITIES WITH ARCHITECTURAL PLANS AS WELL AS UTILITY COMPANIES AND BUILDING CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL EXPENSES THAT RESULT FROM DELAYED OR FAILED TEST DURING ANY PHASE OF THE CONSTRUCTION PROCESS. THIS INCLUDES FEES INCURRED THROUGH RESCHEDULING OF ANY RACETRAC VENDORS OR EQUIPMENT TO ACCOMMODATE.
- EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM THE DESIGN LOCATIONS SHALL BE REPORTED TO THE OWNER OR ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL REFER TO PLANS BY OTHERS FOR ENTRY OF ALL WATER, SEWER SERVICE, ELECTRICAL, AND TELEPHONE SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO THE LOCATION AND TIE-INS/CONNECTIONS TO THEIR FACILITIES.
- SEE COVER SHEET FOR LIST OF UTILITY COMPANIES AND CONTACT PERSONS.
- THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDERGROUND UTILITIES WITH HIS WORK. ALL UNDERGROUND UTILITIES (WATER, SANITARY SEWER, STORM SEWER, ELECTRICAL CONDUIT, IRRIGATION SYSTEMS, AND ANY OTHER MISCELLANEOUS UTILITIES) SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF BASE COURSE MATERIAL, AND THE PLACEMENT OF ANY APPROPRIATE SOIL STABILIZATION TECHNIQUE.
- CONTRACTOR SHALL PROVIDE BOLLARDS FOR PROTECTION OF ALL ABOVE GROUND UTILITIES AND APPURTENANCES ADJACENT TO DRIVE AREAS.
- CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES.
- ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD 1.1 & LD 1.2.



Know what's below.
Call before you dig.



UTILITY PLAN

RACETRAC MARKET & GAS STATION

ALTANTIC AVENUE SE

CONGRESS AVENUE

DELRAY BEACH, FLORIDA

DATE

11/19/20

SCALE

1" = 30'

DRAWN-BY

JFV

DRAWING NAME:

UTILITY PLAN

C6.1

1

SHEET NO.

VERSION

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THOMAS ENGINEERS

KEVIN A. BELANCOURT

PROFESSIONAL ENGINEER

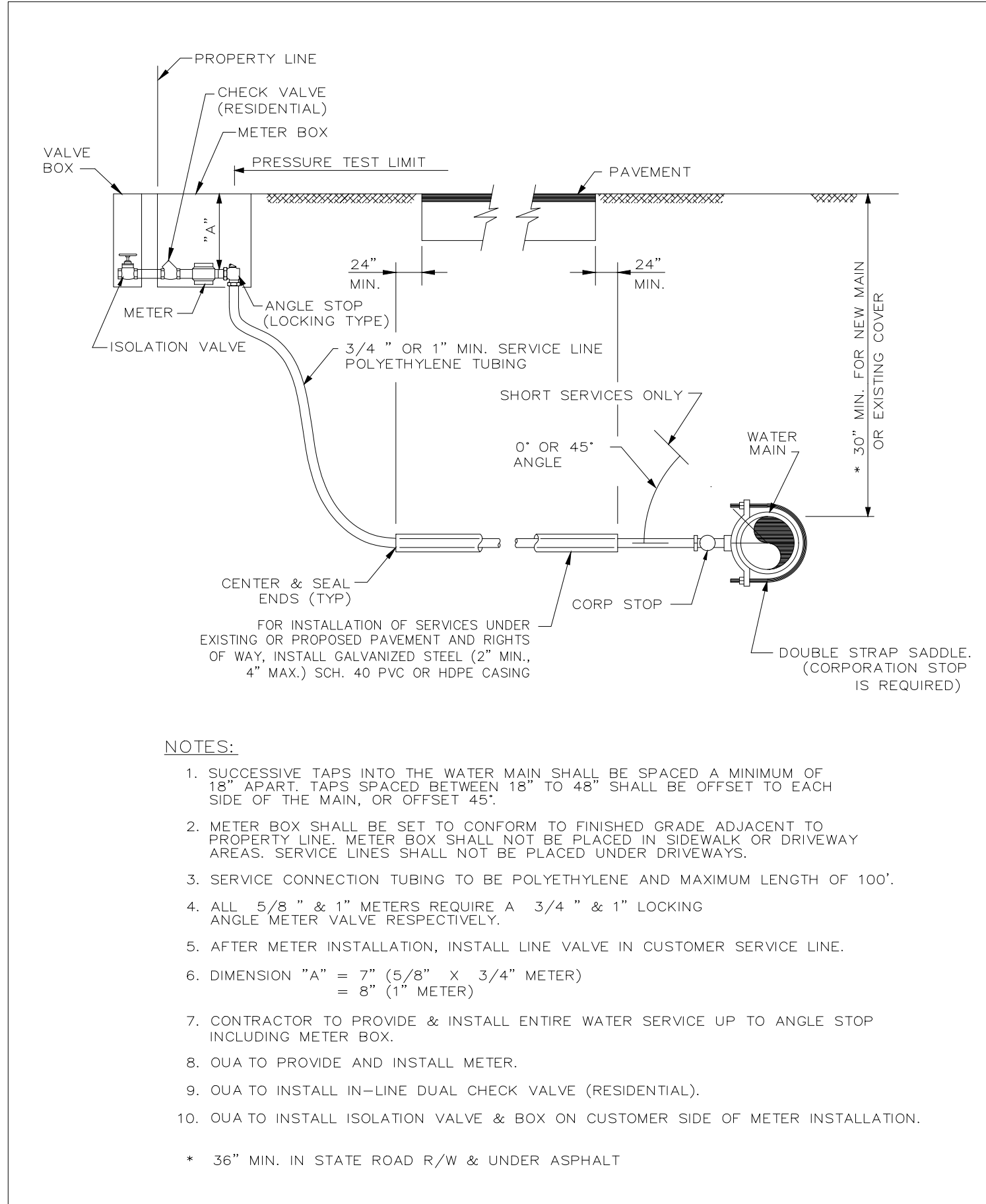
FLORIDA REG. NO. 27528

8000 NW 13TH AVE

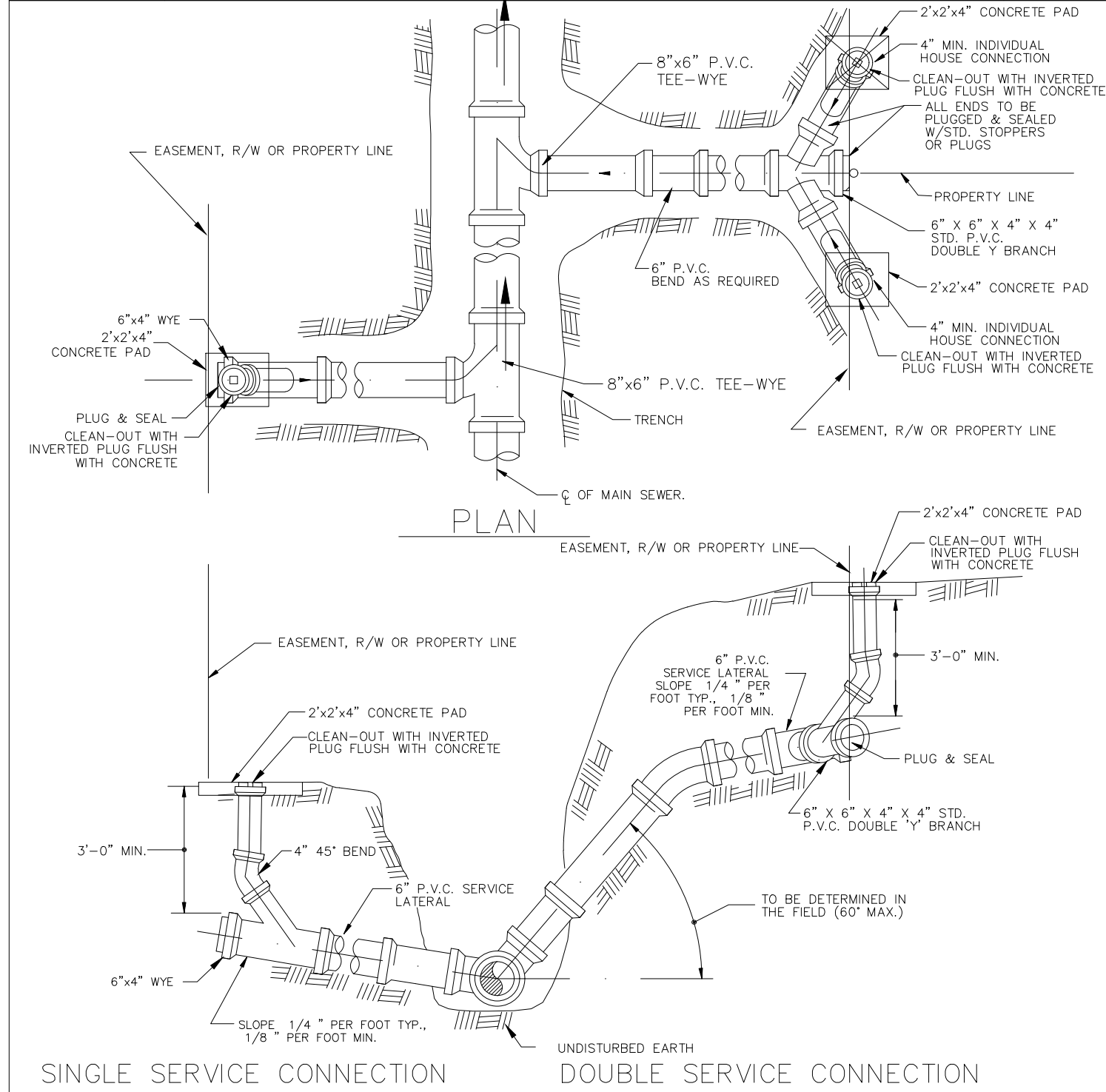
FORT LAUDERDALE, FL 33309

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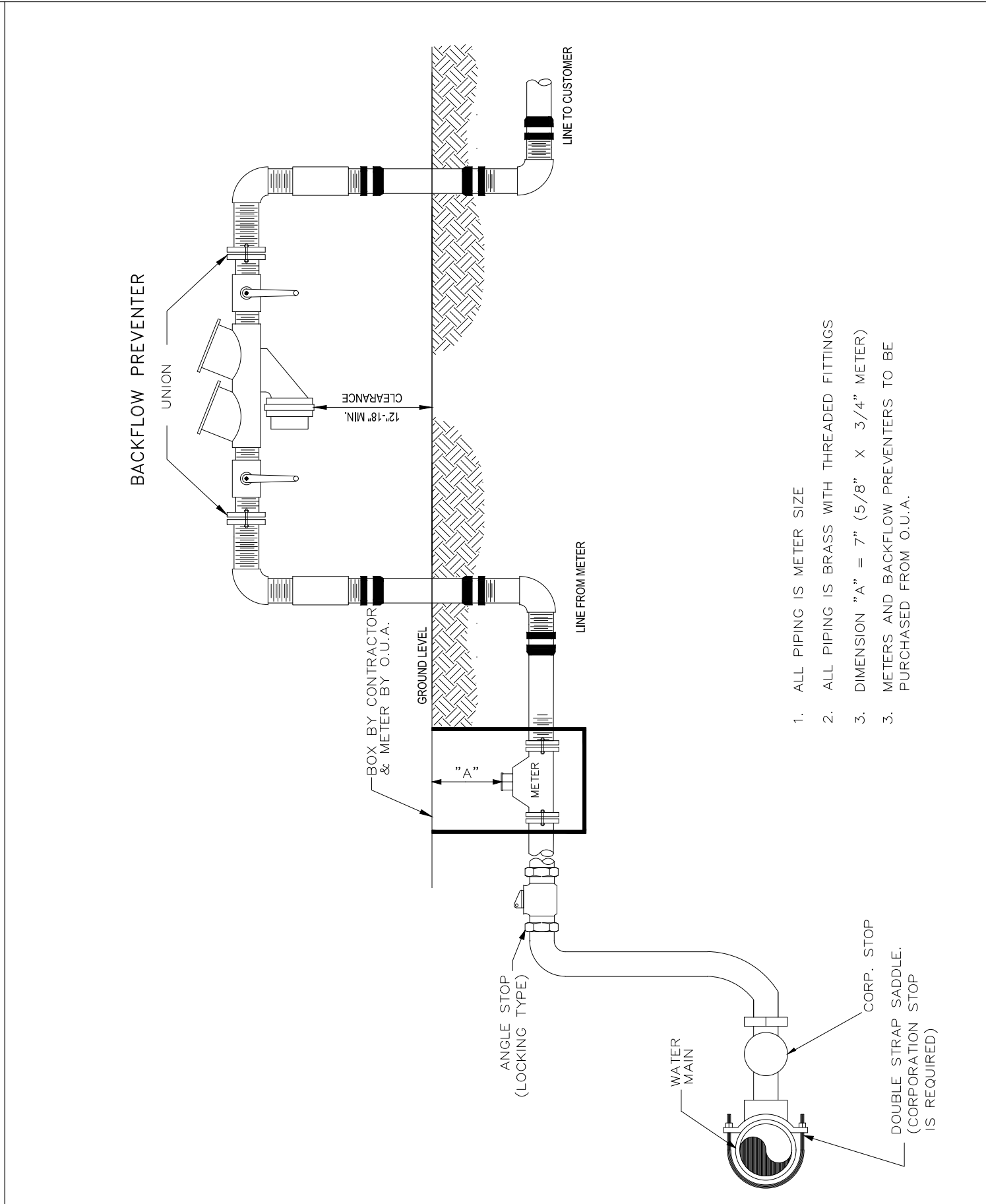
OKEECHOBEE UTILITY AUTHORITY CONSTRUCTION STANDARDS & DETAILS		
REVISION OCT. 2015	TYPICAL SERVICE CONNECTION (UNDERGROUND) FOR 5/8" X 3/4" OR 1" METER	PAGE No D1



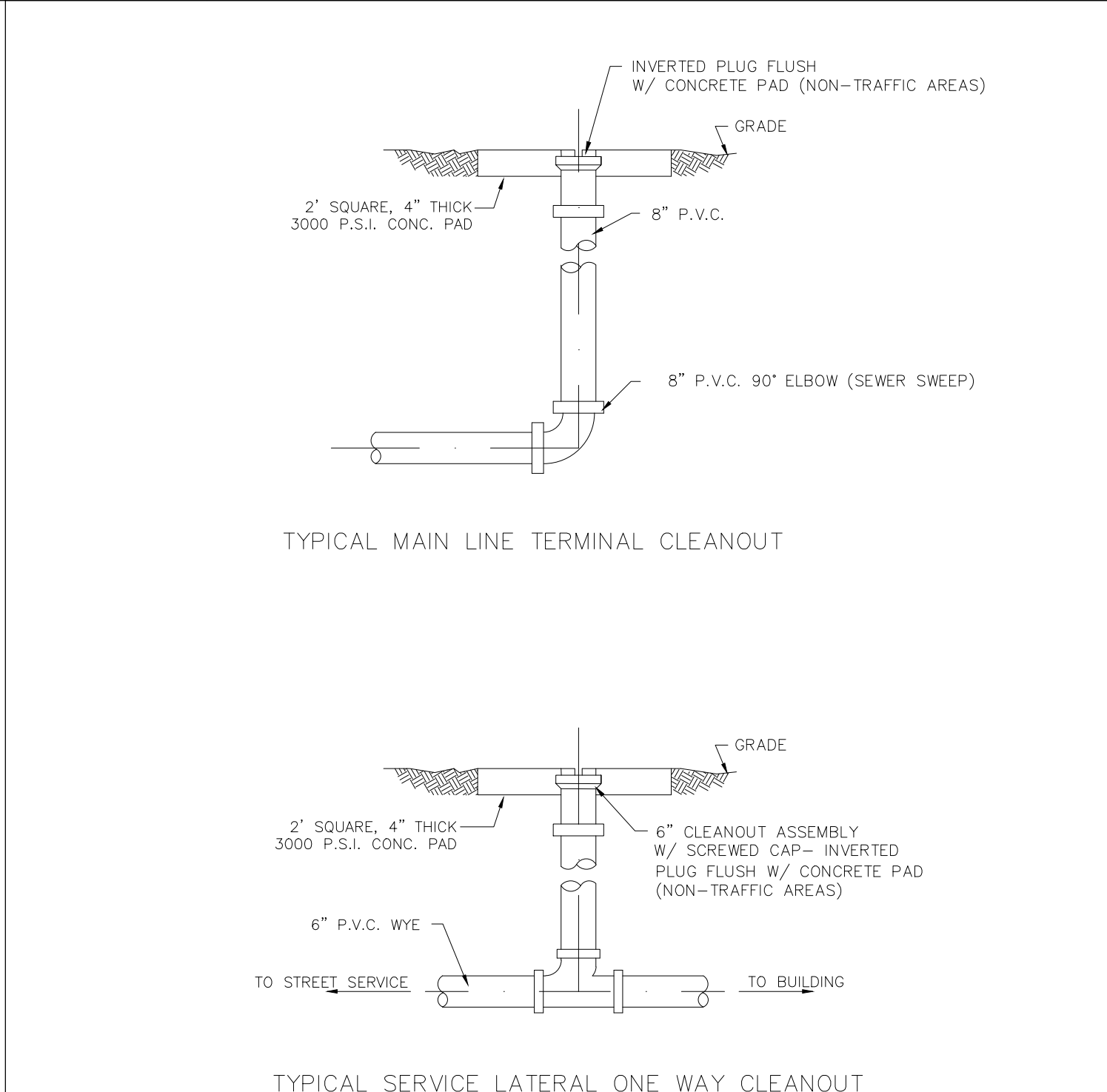
NOTES:

- SERVICE LATERALS SHALL TERMINATE AT PROPERTY LINE AT A DEPTH OF 3 FEET, PLUGGED WATERTIGHT WITH CLEAN-OUT.
- THE MINIMUM DIAMETER OF ALL SINGLE HOUSEHOLD CONNECTIONS SHALL BE 4" MINIMUM ALL OTHERS SHALL BE 6" AND ALL DOUBLE SERVICES
- CONNECTION TO O.U.A. LATERAL SHALL BE MADE WITH A CLEAN-OUT AT PROPERTY LINE BY THE CONTRACTOR OR CUSTOMER MAKING THE CONNECTION, WITH A 2'x2'x4" CONCRETE PAD WITH A INVERTED PLUG, BOTH TO BE SET AT FINAL GRADE

OKEECHOBEE UTILITY AUTHORITY CONSTRUCTION STANDARDS & DETAILS		
REVISION OCT. 2015	TYPICAL SEWER SERVICE CONNECTION	PAGE No D31



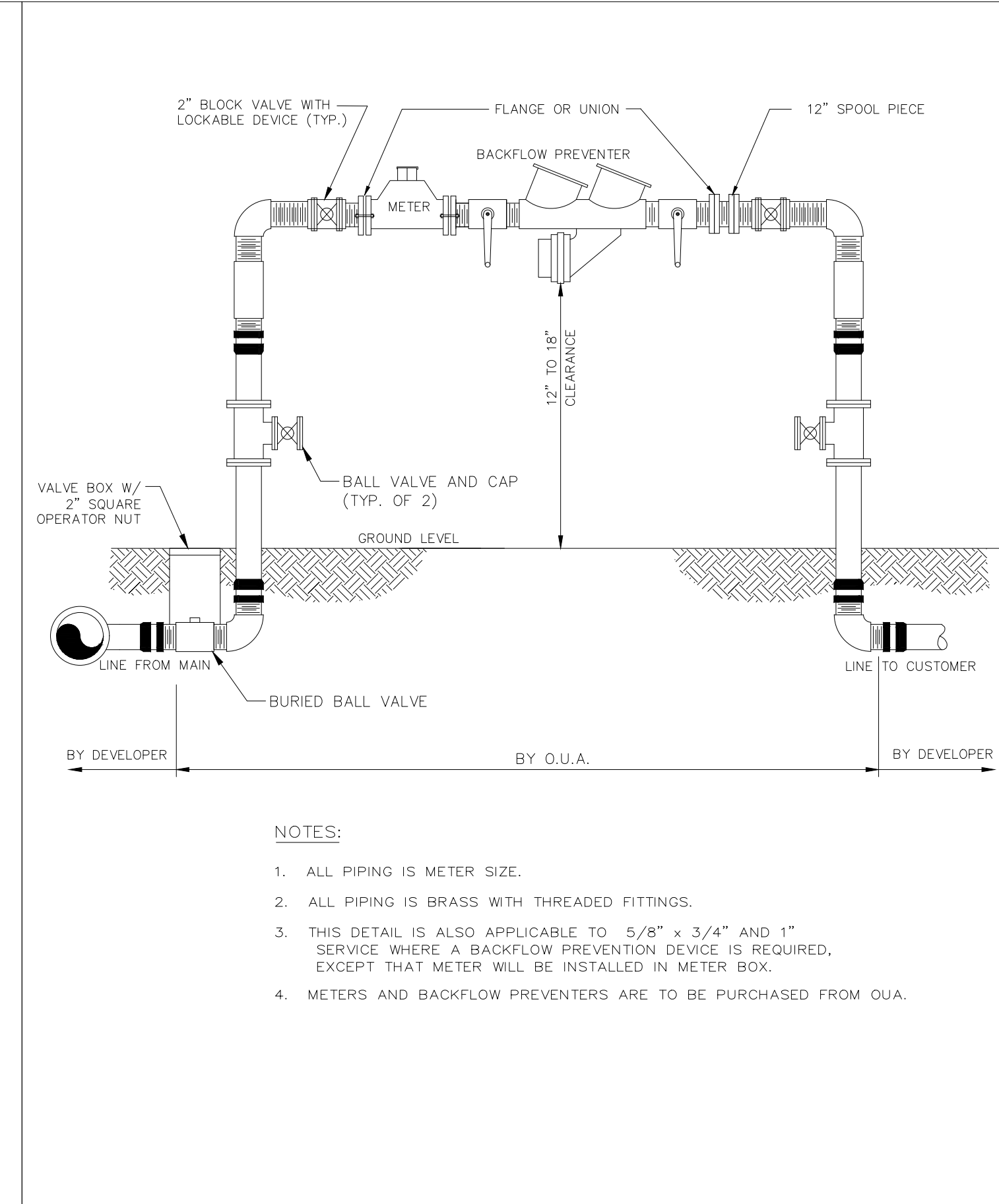
OKEECHOBEE UTILITY AUTHORITY CONSTRUCTION STANDARDS & DETAILS		
REVISION OCT. 2015	5/8" X 3/4" AND 1" METER IN BOX / BACKFLOW ABOVE GROUND	PAGE No D2A



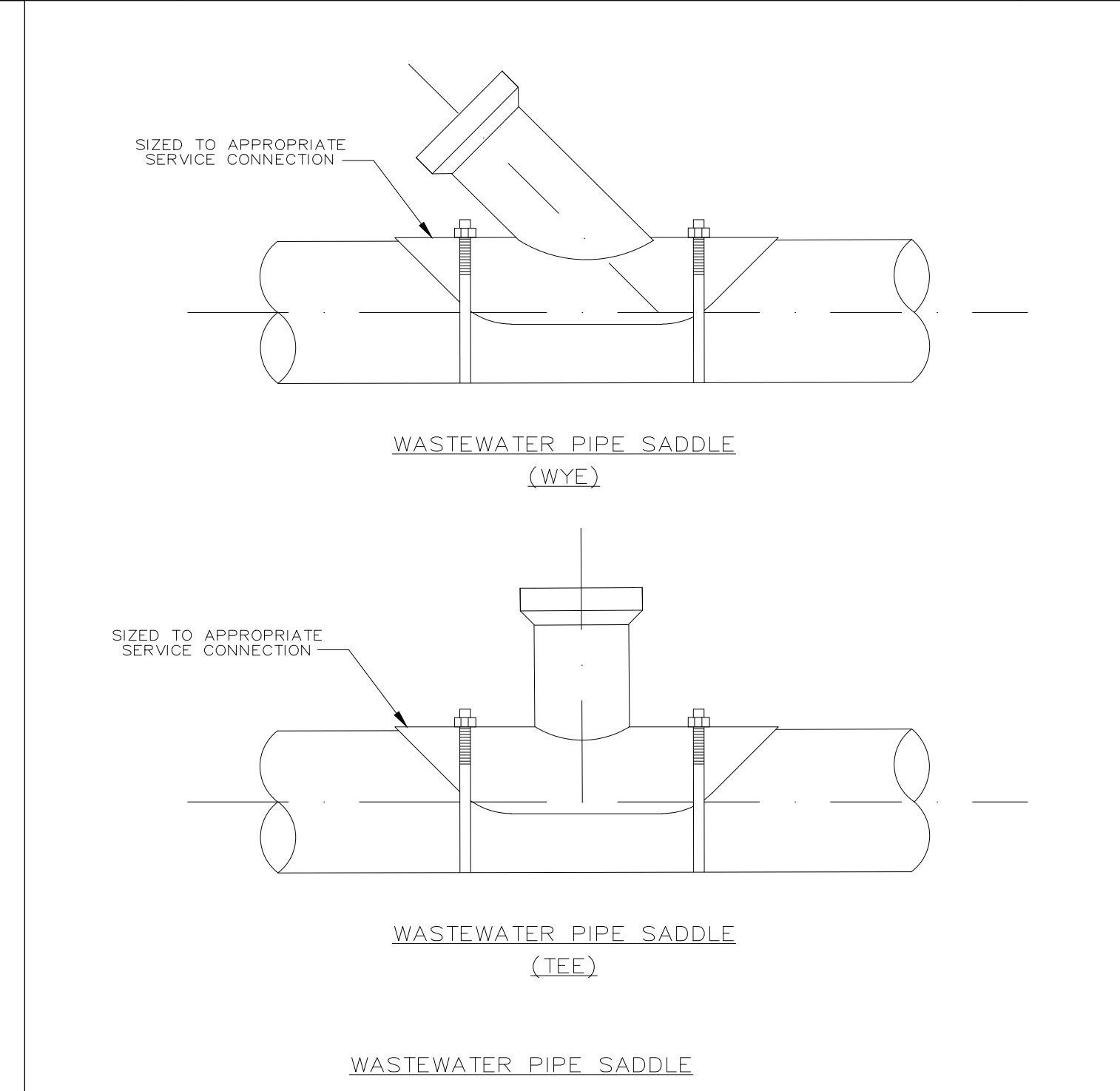
NOTES:

- ONE WAY CLEANOUT (SWEEP TO STREET SERVICE).
- CLEAN OUT SHALL BE LOCATED ON RIGHT OF WAY LINE.
- IN TRAFFIC AREAS A METAL CLEANOUT COVER AND LID SHALL BE INSTALLED OVER PVC CLEANOUT.
- ALL CLEAN OUT'S REQUIRE AN INSPECTION.

OKEECHOBEE UTILITY AUTHORITY CONSTRUCTION STANDARDS & DETAILS		
REVISION OCT. 2015	TYPICAL CLEANOUT	PAGE No D32



OKEECHOBEE UTILITY AUTHORITY CONSTRUCTION STANDARDS & DETAILS		
REVISION OCT. 2015	1 1/2" AND 2" METER/BACKFLOW ASSEMBLY (ABOVE GROUND)	PAGE No D3



NOTE:

- FOR USE IN ADDING SERVICE TO GRAVITY SEWER MAIN.
- INSERT TEE OR PVC SADDLE WYE, OR TEE WITH TWO (2) S/S CLAMPS AND RUBBER GASKET.

OKEECHOBEE UTILITY AUTHORITY CONSTRUCTION STANDARDS & DETAILS		
REVISION OCT. 2015	WASTEWATER SERVICE TAP DETAIL	PAGE No D33

DATE		10/27/20
SCALE		
DRAWN-BY		JFV
DRAWING NAME:		UTILITY DETAILS
C 6.2		1
SHEET NO.		VERSION

KEVIN A. BELANCOURT
No. 83381
PROFESSIONAL ENGINEER
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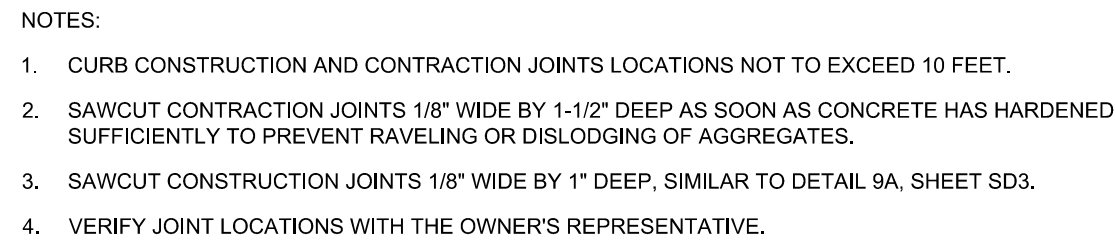
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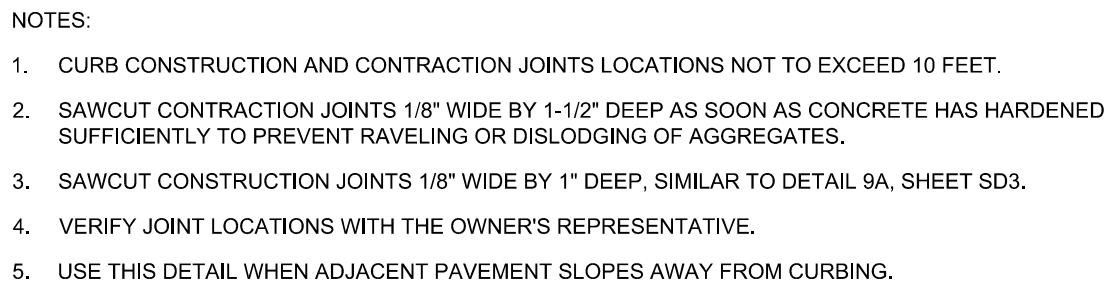
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RACETRAC PETROLEUM, INC.
200 GALLERIA PARKWAY SE
SUITE 900 ATLANTA, GA 30339
(770) 431-7600

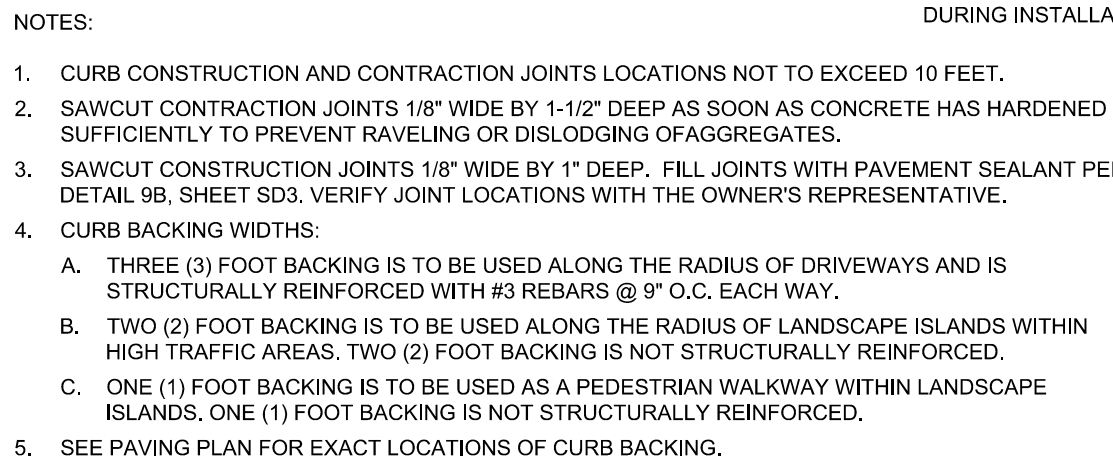
UTILITY DETAILS
RACETRAC MARKET
& GAS STATION
ATLANTIC AVENUE &
CONGRESS AVENUE
DELRAY BEACH, FLORIDA



SD1 NTS



SD1 NTS



SD1	NTS
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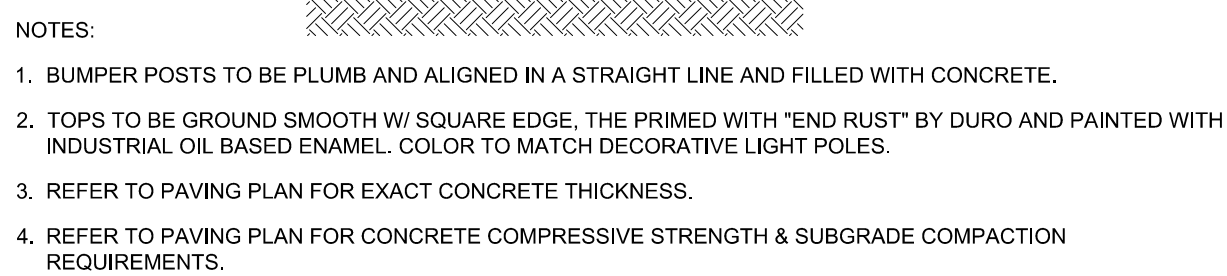
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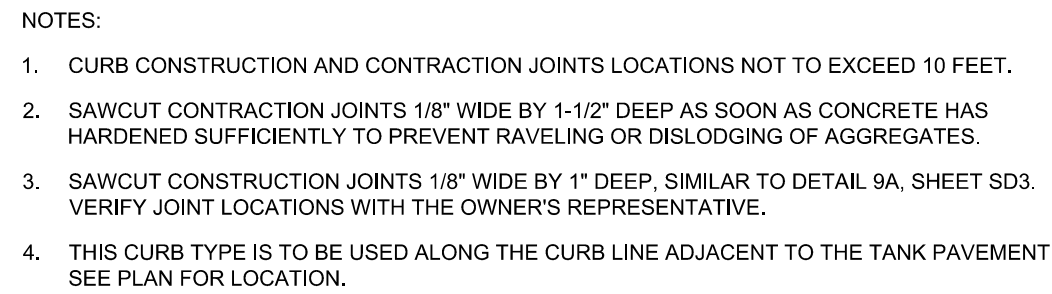
SECTION VIEW

- NOTES:
1. PVC CHASE TO BE PLACED UNDER ALL DRIVEWAYS. REFER TO "SITE PLAN" FOR EXACT LOCATIONS.
 2. CHASES ARE NOT TO BE USED FOR IRRIGATION INSTALLED WITH THIS DEVELOPMENT. IRRIGATION SLEEVES WILL BE SEPARATE.
 3. REFER TO "UTILITY PLAN" AND IRRIGATION PLAN FOR IRRIGATION SLEEVE LOCATIONS.

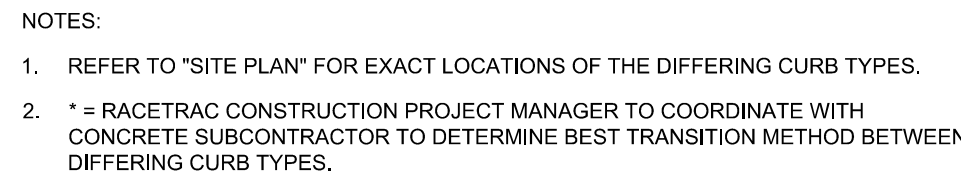
SD1	NTS
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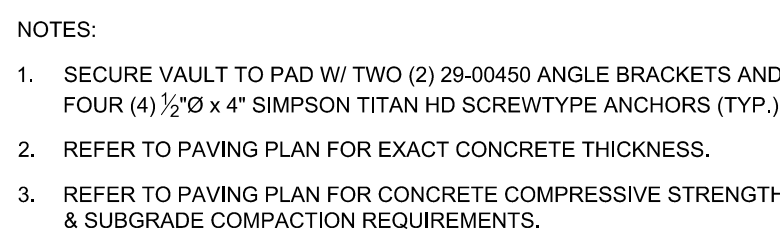
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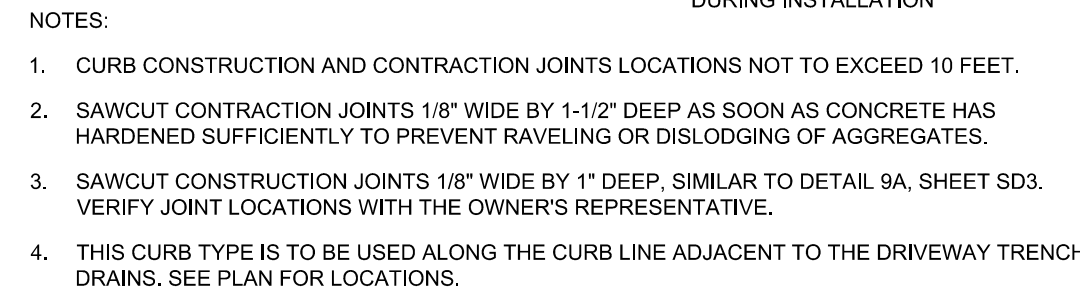
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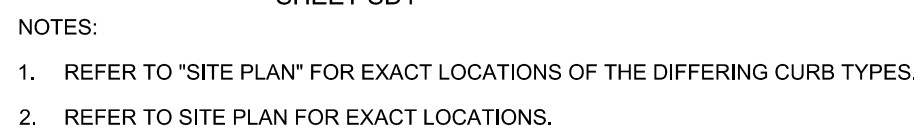
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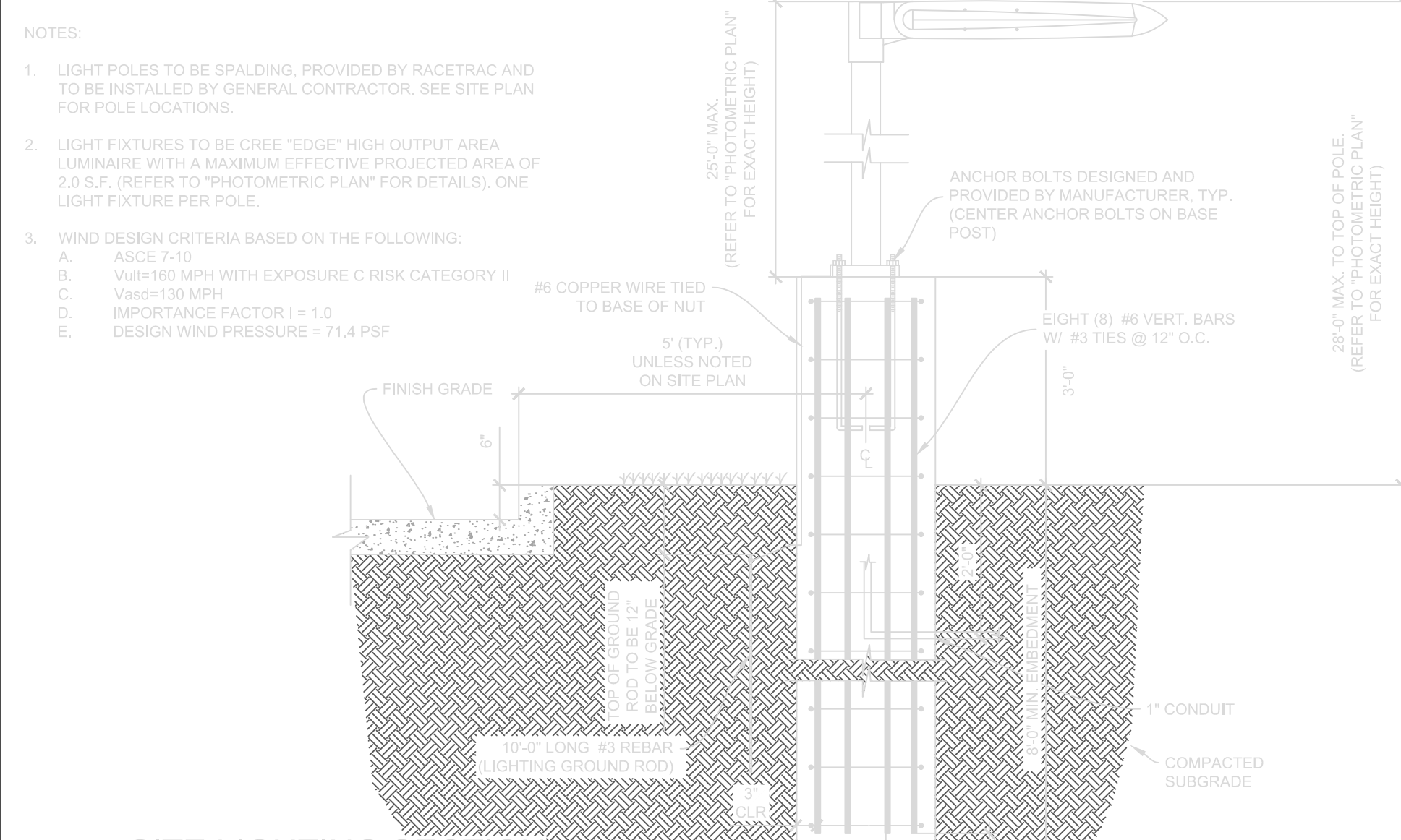
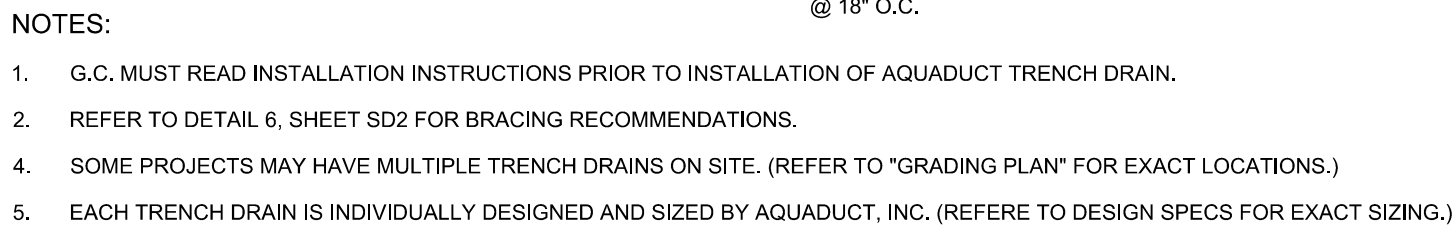
SECTION VIEW

- NOTES:
1. SEE "SITE PLAN" FOR EXACT LOCATIONS.
 2. REFER TO PAVING PLAN FOR EXACT CONCRETE THICKNESS.
 3. REFER TO PAVING PLAN FOR CONCRETE COMPRESSIVE STRENGTH & SUBGRADE COMPACTION REQUIREMENTS.

SD1	NTS
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4 GREASE TRAP (1500 GALLON CAPACITY)
& SAMPLE WELL DETAILS OR "APPROVED EQUAL"



1. REVIEW AND VERIFY ALL AS-BUILT CONDITIONS WHICH AFFECT NEW CONSTRUCTION PRIOR TO SUBMISSION OF SHOP DRAWINGS AND ANY FABRICATION.
2. INDUSTRY STANDARDS GOVERNING THIS WORK ARE OF THE LATEST ISSUE AT THE DATE OF THIS DRAWING RELEASE.
3. ENSURE STORAGE, HANDLING, PREPARATION, INSTALLATION, ETC. OF ALL MATERIALS ARE IN ACCORDANCE WITH MANUFACTURER'S / VENDOR'S PRINTED RECOMMENDATIONS AND INSTRUCTIONS.

1. ENSURE TESTING AGENCY VERIFIES THE SUBGRADE IS COMPACTED TO THE SPECIFIED MAXIMUM DRY DENSITY AS DETERMINED BY THE GEOTECHNICAL ENGINEER. RECOMPACT SOFT AREAS AS DIRECTED BY THE TESTING AGENCY. PROVIDE A LETTER REPORT TO THE OWNER'S REPRESENTATIVE STATING THAT THE SUBGRADE HAS BEEN PROPERLY COMPACTED.
2. ENSURE TESTING AGENCY EVALUATES THE SUBGRADE BY PROOF-ROLLING. PROOF ROLLING TO BE DONE BY A FULLY LOADED TANDEM-AXLE DUMP TRUCK OR OTHER EQUIVALENTLY WHEELED VEHICLE WITH A MINIMUM OF 20,000 LBS. PER AXLE. PROVIDE A LETTER REPORT TO THE OWNER'S REPRESENTATIVE AS DIRECTED BY THE TESTING AGENCY. TESTING AGENCY TO PROVIDE A LETTER REPORT TO THE OWNER'S REPRESENTATIVE STATING THE SUBGRADE HAS BEEN PROOF-ROLLED AND IS ACCEPTABLE.
3. PROVIDE PROOF-ROLLING TO TOP OF OR WITHIN 5 FEET OF THE EDGE OF THE UNDERGROUND STORAGE TANK LOCATIONS.

3. AGGREGATE BASE MATERIAL:
 - A. COARSE AGGREGATE BASE: CRUSHER RUN WITH ROCK FINES, USE ASTM D448, NO. 467, 57 OR 67 BLEND ONLY IF NOTED OR ALLOWED.
 - B. FINE AGGREGATE BASE: CLEAN SCREENINGS ASTM D 448, NO. 200 SIEVE, 100 SUEVE.
5. AGGREGATE BASE MATERIAL INSTALLATION:
 - A. COMPACT COARSE AGGREGATE BASE TO FINAL THICKNESS SHOWN IN LAYERS NOT EXCEEDING 6 INCHES, WITH MINIMUM OF 2 PASSES PER LAYER WITH A VIBRATORY COMPACTOR.
 - B. COMPACT BASE TO THE SPECIFIED MAXIMUM DRY DENSITY AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
 - C. CHOKE-OFF TOP SURFACE OF COARSE AGGREGATE BASE WITH FINE AGGREGATE BASE MATERIAL DUE TO THE FOLLOWING:
 - C.1. AS REQUIRED TO MEET FINE GRADE ELEVATION TOLERANCES SPECIFIED.
 - C.2. WHERE COARSE AGGREGATE BASE MATERIAL DOES NOT HAVE SUFFICIENT FINE PARTICLES TO PRODUCE A SURFACE THAT IS FREE OF EXPOSED AGGREGATE OR SURFACE VOIDS IMMEDIATELY PRIOR TO PAVEMENT INSTALLATIONS.
 - D. COMPACT FINE AGGREGATE BASE CHOKE-OFF LAYER WITH A MINIMUM OF 2 PASSES WITH A VIBRATORY COMPACTOR.
 - E. TOP SURFACE OF BASE MATERIAL TO BE DRY, SMOOTH, FLAT, DENSE SURFACE IMMEDIATELY BEFORE PLACING CONCRETE.
6. ENSURE TESTING AGENCY VERIFIES AGGREGATE BASE IS COMPACTED TO THE SPECIFIED MAXIMUM DRY DENSITY AS IS REQUIRED BY THE GEOTECHNICAL ENGINEER IMMEDIATELY PRIOR TO PLACING PAVEMENT. TESTING AGENCY TO PROVIDE LETTER REPORT TO OWNER'S REPRESENTATIVE STATING THE BASE IS ACCEPTABLE.
7. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY IF UNUSUAL SOIL CONDITIONS ARE FOUND.
8. PROTECT EXISTING STRUCTURES, UTILITIES, PROPERTY CORNERS, ETC., RESTORE ALL ITEMS DAMAGED, AS REQUIRED BY OWNER, AT NO COST TO OWNER OR WITHOUT EXTENSION OF CONTRACT TIME. ~~DO NOT ALLOW STORED EXCAVATION MATERIAL TO DISRUPT PROPER DRAINAGE OF AREA, DAMAGE TO SURROUNDING AREAS, OR STAIN ADJACENT CONCRETE.~~
9. DISPOSE OF EXCAVATED MATERIAL AS REQUIRED BY OWNER'S REPRESENTATIVE.

1. CONFORM TO ACI 318 AND 117 FOR THE DESIGN AND PLACEMENT OF CONCRETE, REINFORCING, AND RELATED ITEMS.
2. CONFORM TO ACI 306.1 FOR COLD WEATHER CONCRETING AND ACI 305R WHEN ANY COMBINATION OF HIGH TEMPERATURE, LOW RELATIVE HUMIDITY, AND WIND VELOCITY TEND TO IMPAIR THE QUALITY OF THE CONCRETE. REINFORCING SHALL BE PLACED AT ITS TEMPERATURE AT TIME OF PLACEMENT IS 90 DEGREES FAHRENHEIT (°F) OR ABOVE. PROTECT SURFACES OF EXPOSED CONCRETE FROM PRECIPITATION DAMAGE UNTIL ADEQUATE STRENGTH IS GAINED TO PREVENT DAMAGE.
3. CONFORM TO ACI 302.1R, 304R, 308R, 309R AND 347R FOR CONCRETE, FORM WORK, CURING, AND FINISHING. CONFORM TO CRSI MANUAL FOR CRSI MINIMUM STANDARD PRACTICE AND CRSI PLACING REINFORCING BARS FOR PLACING REINFORCEMENT.
4. THE GEOTECHNICAL ENGINEERING REPORT INDICATES THAT THE SOLLS ON-SITE HAVE A XXXXXXXXX SULFATE EXPOSURE. WHERE IMPORTED FILL OR BASE MATERIALS ARE IN CONTACT WITH CONCRETE, THE SULFATE CONTENT AND EXPOSURE OF THESE MATERIALS SHALL BE ACQUIRED BY TEST. SUBMIT THE TEST RESULTS TO THE CONSULTANT FOR REVIEW. THE CONSULTANT'S SUPPORTING TEST RESULTS FROM AN ACCREDITED TESTING LABORATORY WILL REQUIRE THE CONCRETE MIX TO BE PROPORTIONED FOR VERY SEVERE SULFATE EXPOSURE AT NO ADDITIONAL COST OR DELAY IN THE CONSTRUCTION SCHEDULE.
5. CONCRETE SHALL BE PROPORTIONED TO MEET THE PROJECT SPECIFICATIONS AND THE MINIMUM CRITERIA ESTABLISHED IN TABLE "A" (THIS SHEET) BASED ON THE SULFATE EXPOSURE FROM ANY ADJACENT SOLLS OR FILL MATERIALS.
6. ADDITIONALLY, EXTERIOR CONCRETE EXPOSED TO FREEZING TEMPERATURES AND/OR SALT OR DYEING CHEMICALS SHALL HAVE AIR ENTRAINMENT AND THE CEMENT CONTENT APPROPRIATE FOR EXPOSURE TO EXTERNAL AGGRESSIVE AGENTS.
7. CONCRETE TO MEET TENSILE REQUIREMENTS OF ACI 301, FREEZING AND THAWING EXPOSURE CATEGORY TO BE [F0] [F1] [F2] [F3], SULFATE EXPOSURE CATEGORY TO BE [S0] [S1] [S2] [S3], AND CORROSION PROTECTION EXPOSURE CATEGORY TO BE [C0] [C1] [C2], PROVIDE A MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS OF [5000 PSI] [4000 PSI] [5000 PSI] [5000 PSI] WITH MAXIMUM WATER/CEMENTITIOUS RATIO OF [0.55] [0.50] [0.45] [0.40].

8. ENSURE REINFORCING BARS CONFORM TO ASTM A615 GRADE 60, DEFORMED.
9. PROVIDE CLASS B TENSION LAP SPICES PER ACI 318, FOR CONCRETE STRENGTH AND BAR LOCATIONS NOTED.
10. MAINTAIN FULL THICKNESS FOR DERESSED OR SLOPED PAVEMENTS.
11. **** DO NOT ADD WATER OR PLAIN CEMENT TO ANY PAVEMENT SURFACE DURING FINISHING OPERATIONS.**
12. PERFORM NO FINISHING OPERATION WHILE WATER IS PRESENT ON PAVEMENT SURFACE.
13. STRIKE OFF CONCRETE TO REQUIRED ELEVATIONS AND IMMEDIATELY START FINISHING/FLATTENING OPERATIONS. ENSURE FINISHING OPERATIONS ARE NO MORE THAN NECESSARY TO REMOVE IRREGULARITIES AND LEVEL SPECIFIC TO FINISH SURFACE. USE A HIGHWAY STRAIGHTEDGE 10 FOOT WIDE MAXIMUM, UNLESS OTHERWISE ALLOWED BY OWNER'S REPRESENTATIVE. IN ORDER TO CUT OFF HIGH SPOTS AND FILL IN LOW SPOTS, PERFORM FINISHING OPERATIONS AS NECESSARY TO ENSURE THE SURFACE DOES NOT MEET SPECIFIC TO FINISH SURFACE TO TEXTURE. PREVIOUSLY APPROVED BY OWNER'S REPRESENTATIVE. **** DO NOT ALLOW WATER TO DRY DURING FINISHING OPERATIONS AND BEFORE CURING COMPOUND IS APPLIED. USE EVAPORATION RETARDANT AS NECESSARY TO PREVENT SURFACE DRYING AND PLASTIC SHRINKAGE CRACKS.**
14. FOR TOLERANCES CONFORM TO ACI 117 AND ACI 347R, EXCEPT AS NOTED BELOW:
 - A. PAVEMENT AGGREGATE BASE FINE GRADE -40, -3/4 INCH.
 - B. MINIMUM PAVEMENT TOLERANCE: -3/4 INCH.
 - C. WHEN COMPUTING THE AVERAGE OF ALL SAMPLES, SAMPLES WITH A THICKNESS MORE THAN 3/4 INCH ABOVE THE SPECIFIED THICKNESS SHALL BE ASSUMED TO HAVE A THICKNESS OF 3/4 INCH MORE THAN THE SPECIFIED THICKNESS.
 - D. AVERAGE PAVEMENT THICKNESS TOLERANCE: -0.
 - E. THICKNESS SAMPLES ARE TO BE RANDOMLY LOCATED FROM EACH PAVEMENT PLACEMENT AND NOT EXCEED 1000 SQUARE FEET OF PAVEMENT SURFACE AREA.

- | MAX DEGREES FAHRENHEIT ("F) | MAX ELAPSED HOURS |
|-----------------------------|-------------------|
| 85 AND ABOVE | 1 |
| 60 - 84 | 2 |
| 50 - 59 | 3 |
| 40 - 49 | 4 |

SULFATE EXPOSURE	WATER SOLUBLE SULFATE (SO ₄) IN WATER PPM	SULFATE (SO ₄) IN WATER PPM	PORTLAND CEMENT TYPE	MAXIMUM W/C RATIO	CONCRETE PAVEMENTS
NEGLECTIBLE	0.00 ≤ SO ₄ < 0.10	0 ≤ SO ₄ < 150	I	0.55	3500
MODERATE	0.10 ≤ SO ₄ < 0.20	150 ≤ SO ₄ < 1500	II	0.50	4000
SEVERE	0.20 ≤ SO ₄ ≤ 2.00	1500 ≤ SO ₄ < 10,000	V	0.45	4500
VERY SEVERE	SO ₄ > 2.00	SO ₄ > 10,000	V PLUS POZZOLAN	0.40	5000

TYPICALLY USE "MODERATE" EXPOSURE FROM TABLE. CONTACT EPM IF EXPOSURE CLASS SHOULD BE CHANGED.



1. SLAB PENETRATIONS INCLUDE, BUT ARE NOT LIMITED TO, BOLLARDS, MANHOLES, INLETS, CLEANOUTS, WATER VALVES, ETC.



- 9A PCC JOINT DETAIL
SD3 NTS



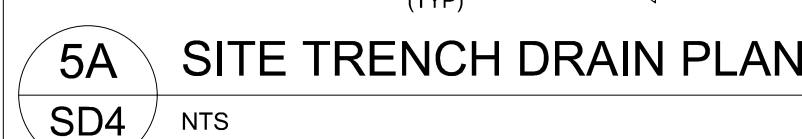
8 PNA DIAMOND DOWEL PLATE DETAIL (TYP)
SD3 NTS



ISOLATION JOINT @ TANK PAD
AND DUMPSTER PAD PAVEMENT SECTION

SD3 NTS

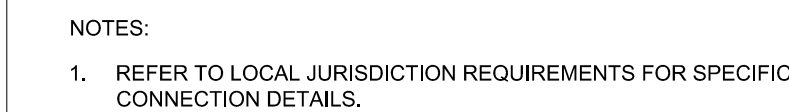
1. SEE DETAIL 9, SHEET SD3 FOR INFORMATION NOT SHOWN.



1. TRENCH DRAIN TO BE ISOLATED ON ALL SIDES WITH ISOLATION JOINT. SEE DETAIL 11, SHEET SD3
2. 2'-0" (MIN) CLEARANCE BETWEEN EDGE OF TRENCH DRAIN AND ISOLATION JOINTS.



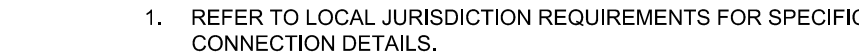
1. TRENCH DRAIN TO BE ISOLATED ON BOTH SIDES WITH ISOLATION JOINT. SEE DETAIL 11, SHEET SD3
2. 2'-0" (MIN) CLEARANCE BETWEEN EDGE OF TRENCH DRAIN AND ISOLATION JOINTS.
3. CURBING BETWEEN ISOLATION JOINTS TO BE A MONOLITHIC POUR, INSTALLED AND FORMED AT TIME OF TRENCH DRAIN CONCRETE. SEE DETAIL 4, SHEET SD1.
4. TRENCH DRAIN TO EXTEND TO FACE OF CURB.



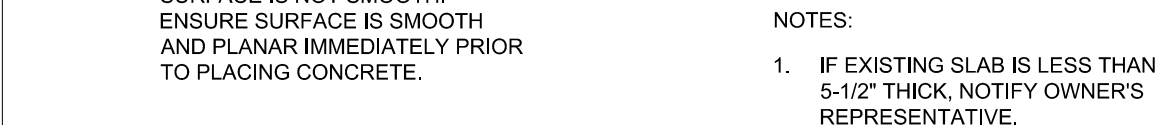
6
SD4

CONCRETE / EXISTING ASPHALT
SECTION

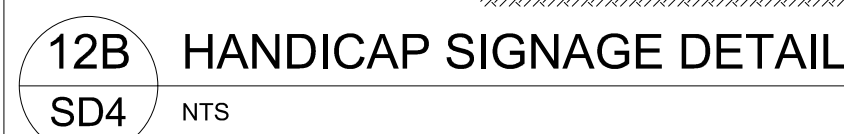
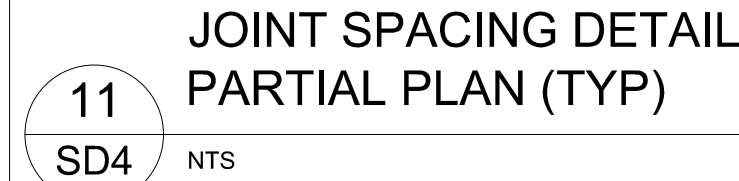
NTS



6A
SD4



6B
SD4 NTS



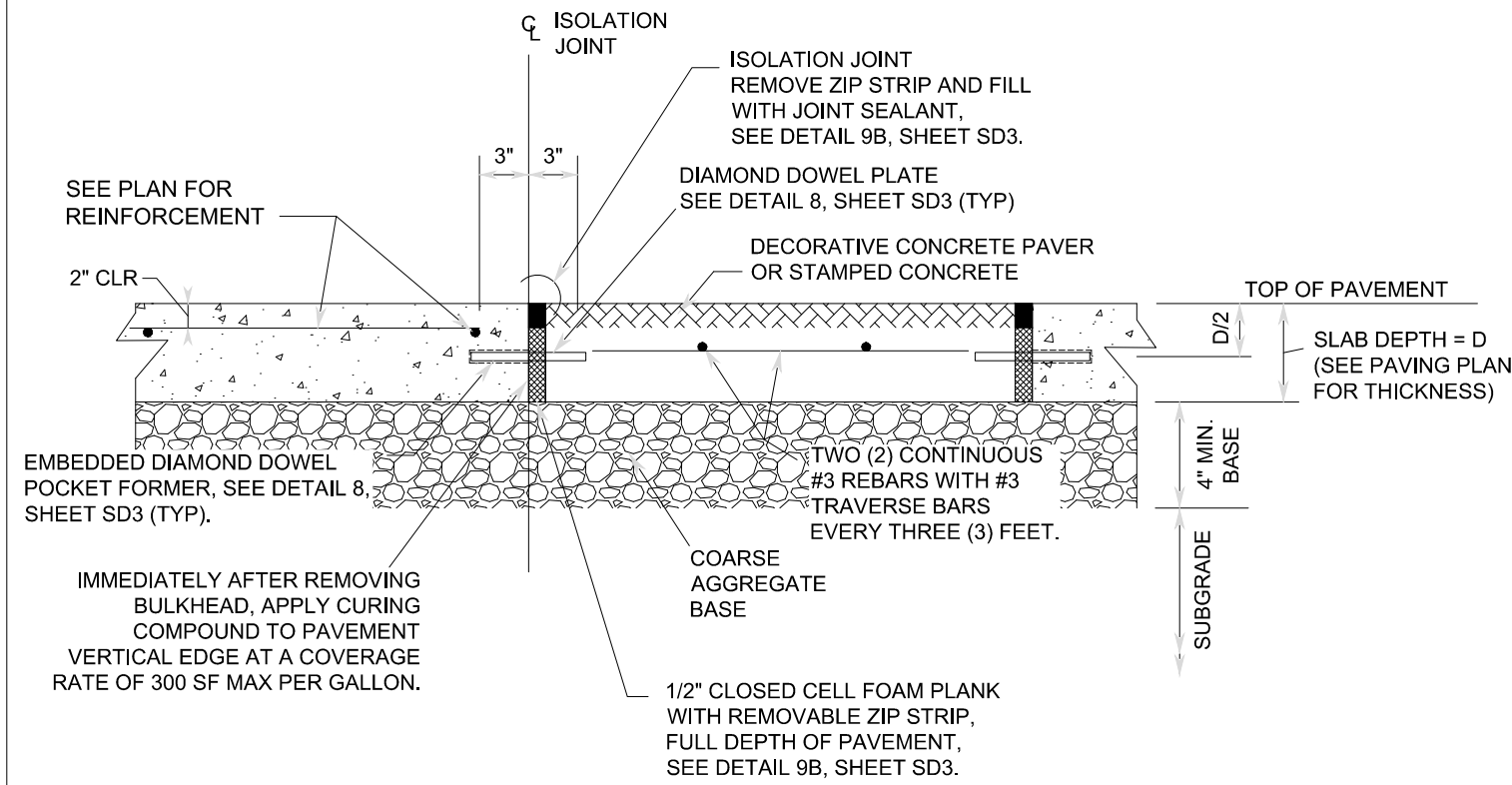
1. REFER TO LOCAL JURISDICTION REQUIREMENTS FOR SPECIFIC DETAILS.
2. CONTRACTOR SHALL VERIFY ALL THE REQUIRED INFORMATION NECESSARY AT EACH SIGN WITH LOCAL AUTHORITIES PRIOR TO PURCHASING.

KEVIN A. BETANCOURT
A BETANCOURT FIRM
No. 83361
PROFESSIONAL ENGINEER
February 1, 2021
FLORIDA LICENSE NO. 00001
FLORIDA BUSINESS REAL ESTATE No. 27528

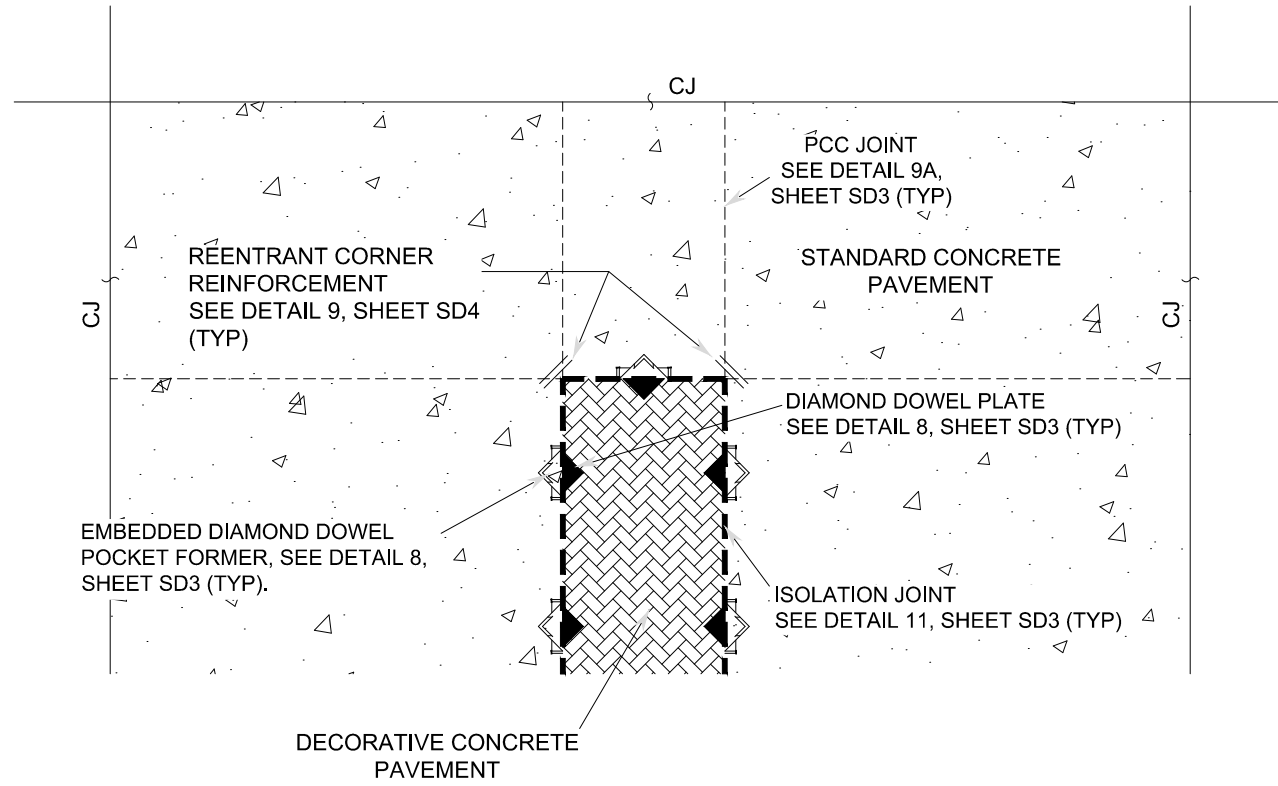
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RaceTrac.
RACETRAC PETROLEUM, INC.
2000 GALLERIA PARKWAY SE
SUITE 900 ATLANTA, GA 30339
(770) 431-7600

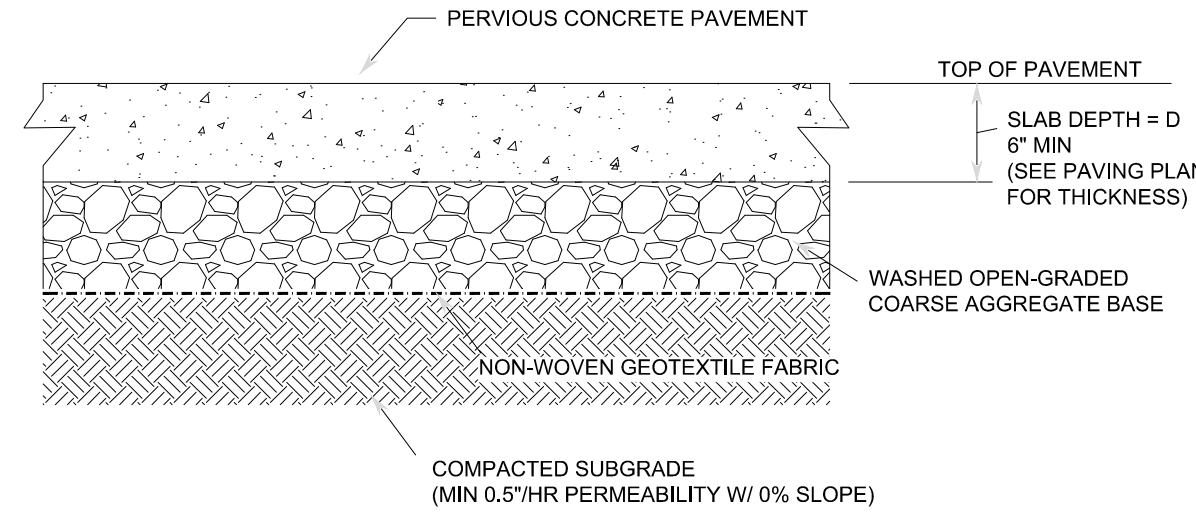
RACETRAC SITE LIGHTING DETAILS	
RACETRAC MARKET & GAS STATION ATLANTIC AVENUE & CONGRESS AVENUE DELRAY BEACH, FLORIDA	
DATE	10/27/20
SCALE	
DRAWN-BY	JFV
DRAWING NAME: RACETRAC STANDARD DETAILS	
SD4	1
SHEET NO.	VERSION



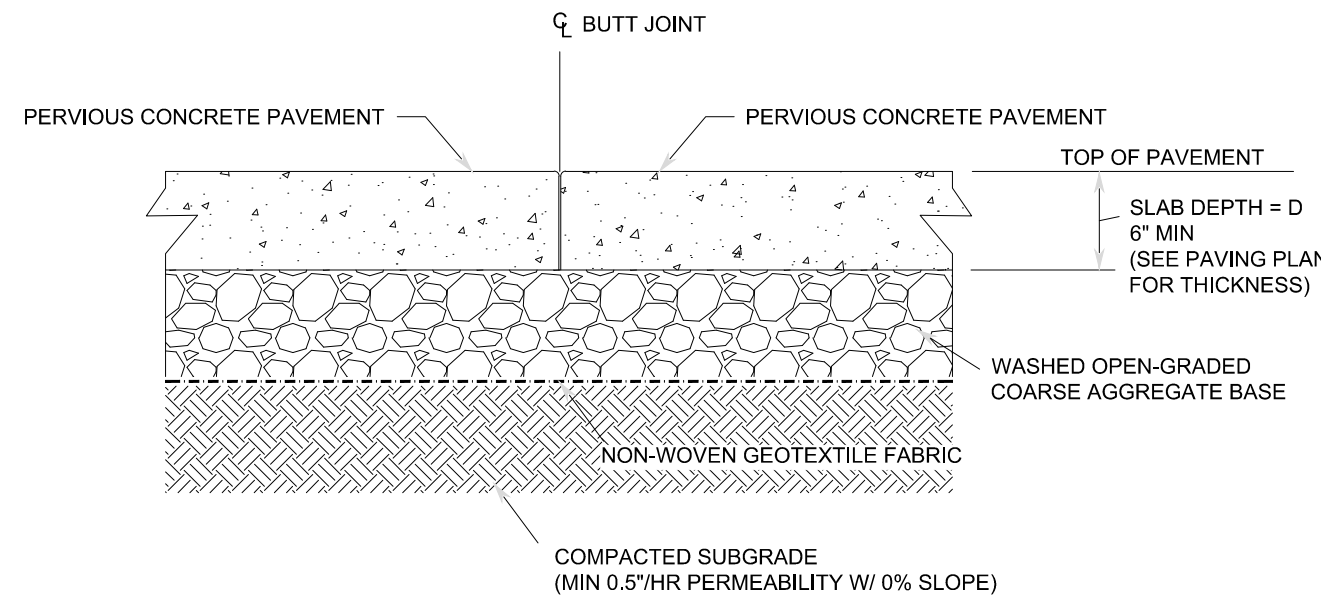
1 DECORATIVE PAVER SECTION DETAIL
SD5 NTS



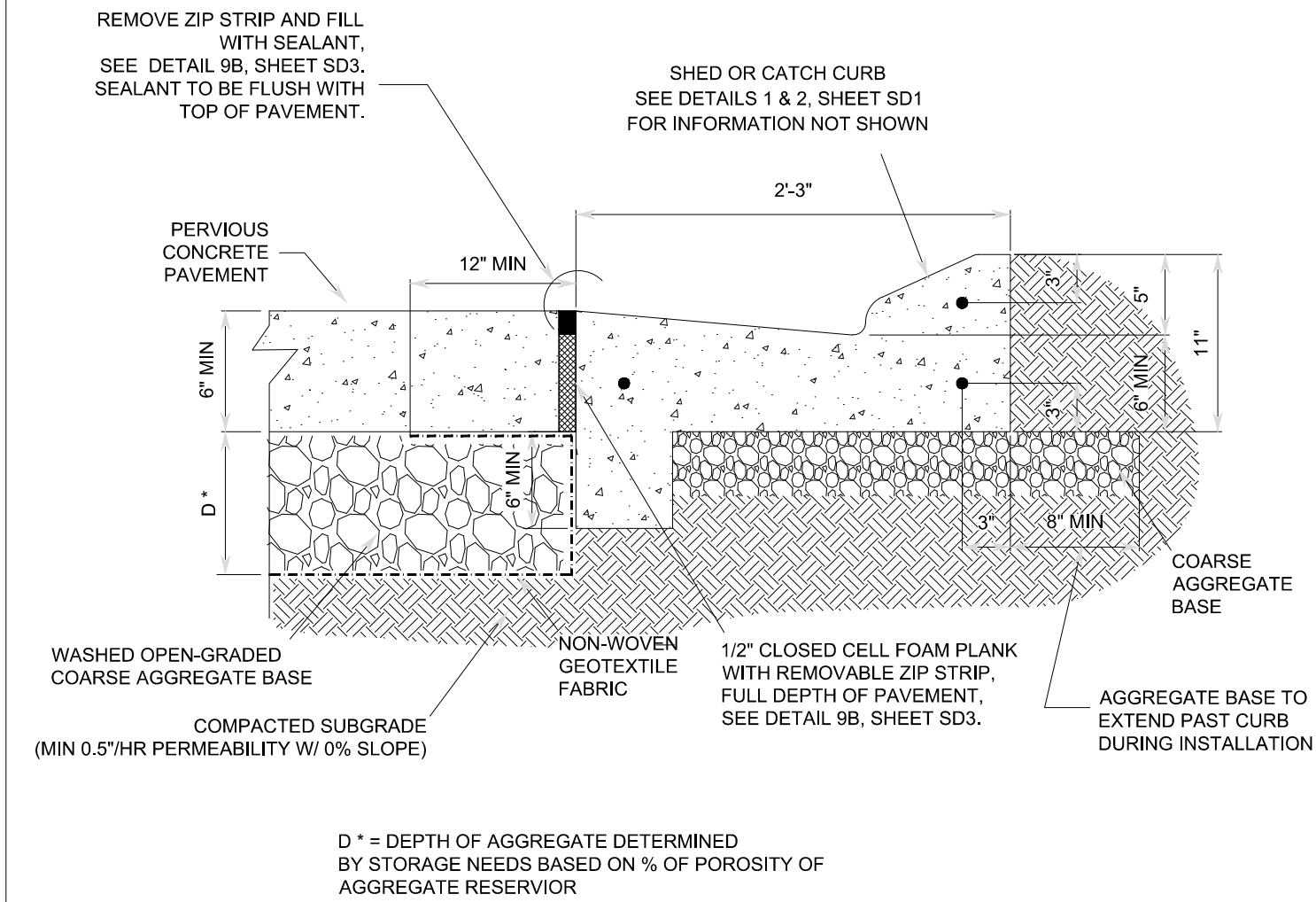
2 DECORATIVE PAVER PARTIAL PLAN
SD5 NTS



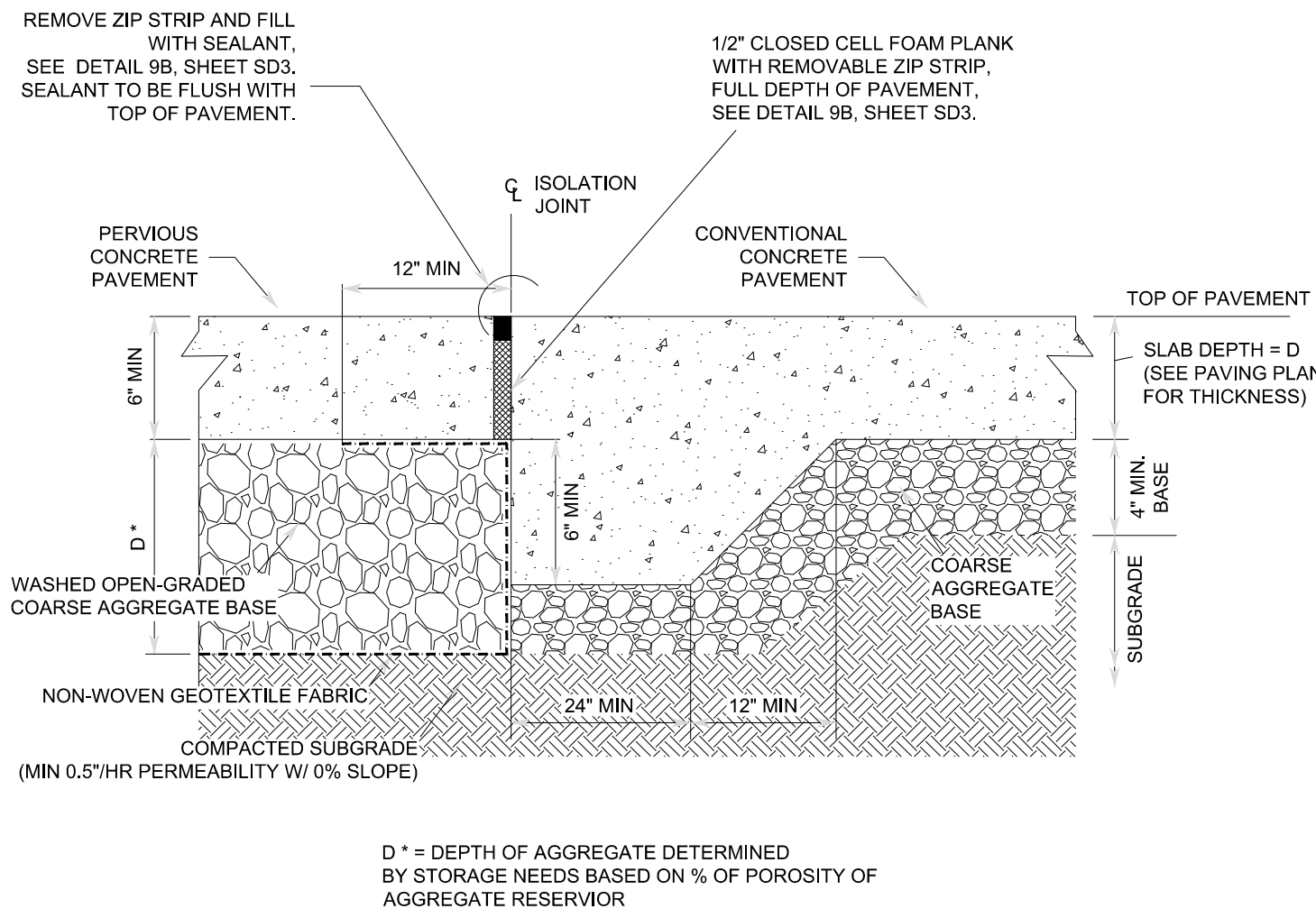
3 PERVIOUS CONCRETE DETAIL
SD5 NTS



4 PERVIOUS CONCRETE - BUTT JOINT DETAIL
SD5 NTS



5 PERVIOUS CONCRETE @ CURB DETAIL
SD5 NTS



6 PERVIOUS CONCRETE / CONVENTIONAL CONCRETE DETAIL
SD5 NTS

NOTE TO CIVIL ENGINEERING COMPANY
FOR DETAILS 5 & 6, SHEET SD5, ENGINEER TO DETERMINE DEPTH OF AGGREGATE BASE PER NOTE "D".

GENERAL EXISTING TREE NOTES:

- TREE PROTECTION BARRICADES SHALL BE PROVIDED BY LANDSCAPE CONTRACTOR AROUND EXISTING TREES THAT MAY BE IMPACTED BY THE PROPOSED CONSTRUCTION. PRIOR TO ANY CONSTRUCTION A TREE PROTECTION BARRICADE INSPECTION SHALL BE CONDUCTED BY THE LANDSCAPE ARCHITECT, OWNER OR GOVERNING MUNICIPALITY. REFER TO LANDSCAPE DETAIL FOR TREE PRESERVATION BARRICADE FENCING.
- ALL ROOT-PRUNING & CANOPY TRIMMING ACTIVITIES SHALL BE CONDUCTED UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST UTILIZING BEST MANAGEMENT PRACTICES TO ENSURE VIABILITY OF EXISTING TREES; NO TREE CANOPY SHALL BE TRIMMED BY MORE THAN 25%.
- ROOT-PRUNE ALL TREES IN CONSTRUCTION AREA FOR THIS SITE A MINIMUM OF (6) WEEKS PRIOR TO ANY CONSTRUCTION OR INSTALLATION OF UTILITIES. TRENCHES FOR PROPOSED UTILITIES SHALL BE HAND DUG AS FAR FROM THE TRUNK OF EXISTING TREES TO REMAIN AS POSSIBLE.
- LIQUIDATED DAMAGES SHALL BE ASSESSED TO THE CONTRACTOR FOR TREES SPECIFIED TO BE PRESERVED THAT DIE OR ARE DAMAGED AS A RESULT OF IMPROPER TREE PROTECTION PROCEDURES &/OR CONSTRUCTION OPERATIONS. TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY PERCENT (20%) PER INCH OVER FOUR INCHES (4") CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES, OR AS MAY BE REQUIRED BY THE REGULATING GOVERNMENT AGENCY, WHICHEVER IS GREATER. CALIPER SHALL BE MEASURED AT BREAST HEIGHT OR FOUR FEET (4') ABOVE SURROUNDING GROUND.
- ANY NECESSARY TREE TRIMMING SHALL BE IN ACCORDANCE WITH THE JURISDICTIONAL PRUNING STANDARDS PRIOR TO ANY CONSTRUCTION WORK TAKING PLACE.
- IN ALL VEHICULAR USE AREAS, ALL TREES SHALL BE PRUNED & MAINTAINED TO ALLOW FOR CLEAR PASSAGE AT AN 8.5 FT HEIGHT.
- ROOT BARRIERS SHALL BE PROVIDED FOR ADJACENT TO ALL PROPOSED UTILITIES. SEE ROOT BARRIER DETAIL ON THIS SHEET.



Know what's below.
Call before you dig.

ALL TREES SCHEDULED TO BE REMOVED OR THAT HAVE BEEN PREVIOUSLY REMOVED AND HAVE REMAINING STUMPS, SHALL BE CUT DOWN, STUMP GROUND & SHALL HAVE ALL ROOTS REMOVED.

UNLESS OTHERWISE NOTED, ALL EXISTING SHRUBS, GROUND COVERS, & ACCENT PLANTS DIRECTLY IMPACTED BY PROPOSED IMPROVEMENTS ARE TO BE REMOVED FROM ENTIRE PROPERTY; ALL OTHER EXISTING LANDSCAPING NOT SHOWN TO BE REMOVED EXCEPT SOD

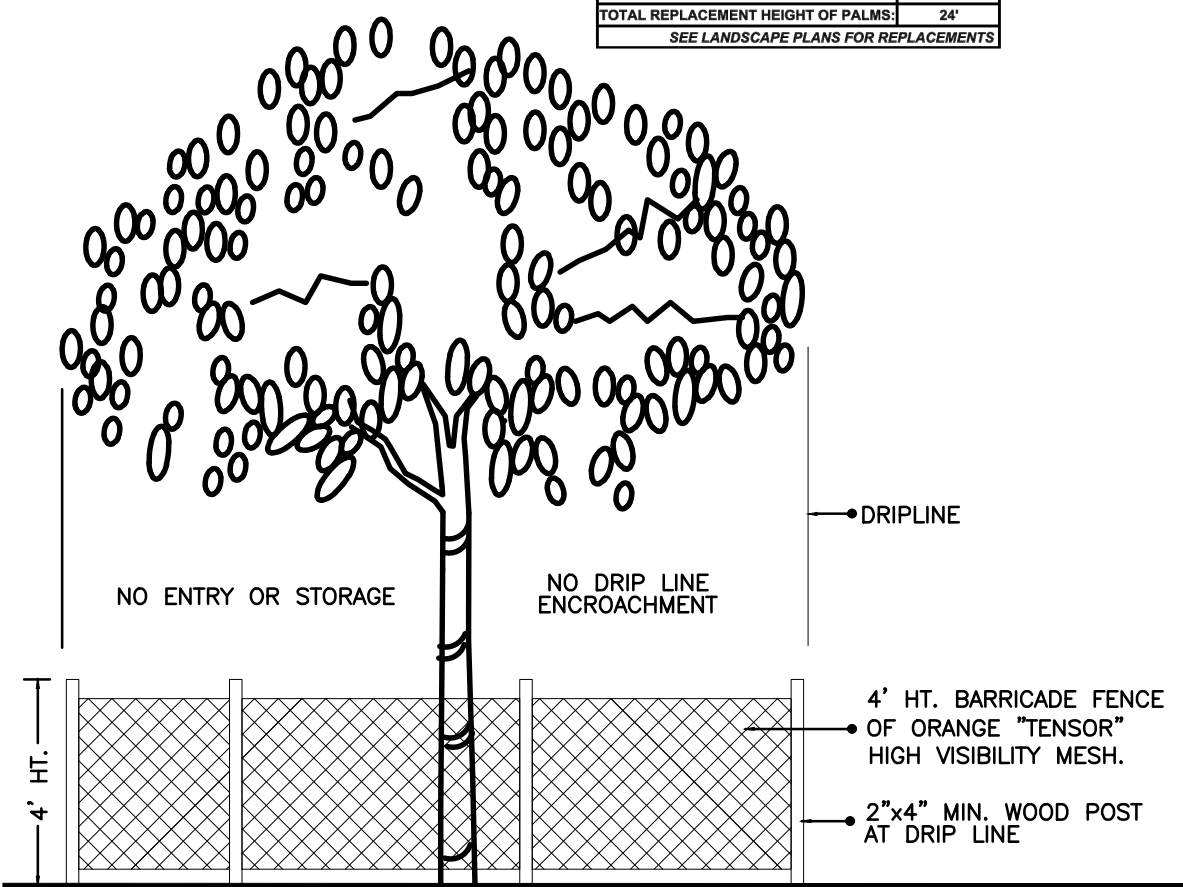
ANY PERVIOUS AREA TO REMAIN THAT IS DISTURBED & IS NOT NOTED TO BE LANDSCAPED WITH SHRUBS OR GROUNDCOVER, SHALL BE SODDED

CONTACT RACETRAC PETROLEUM, INC. PROJECT MANAGER PRIOR TO ANY REVISIONS TO THE PLAN SUPPLIED BY RACETRAC PETROLEUM, INC.



EXISTING TREE DISPOSITION CHART									
TREE NO.	SYMBOLICAL NAME	COMMON NAME	DBH	HT	SPR	CONDITION	DISPOSITION	IN LIEU FEE	COMMENTS
1	Buella buccas	Black Olive	12	25	30	30%	remove	N/A (1-1)	Co-dm; Deep Trunk
2	Buella buccas	Black Olive	12	32	28	40%	remove	N/A (1-1)	Co-dm; Large Wound with Interior Rot on Main Trunk
3	Swietenia mahagoni	Mahogany	28	46	48	30%	remove	N/A (1-1)	Co-dm; 18" Trunk; Co-dm; Sparsely Deficient Canopy; Deflected Root at Curb
4	Heterophylla patula	Pink Trumpet	5	20	10	40%	remove	N/A (1-1)	Co-dm; Root-Bound in Finger Island
5	Buella buccas	Black Olive	22	46	52	30%	remove	N/A (1-1)	Co-dm; Extensive Trunk Damage; Poor Structure; Deflected Root at Curb
6	Buella buccas	Black Olive	14	44	36	40%	remove	N/A (1-1)	Co-dm; Over-Branched; Co-canopy w/ Treelet; Deflected Root at Curb
7	Buella buccas	Black Olive	15	32	28	40%	remove	N/A (1-1)	Co-dm; Flush cut; Included Bark; Healed Trunk
8	Buella buccas	Black Olive	15	34	32	40%	remove	N/A (1-1)	Co-dm; Flush cut; Deflected Root at Curb
9	Pythospermum elegans	Alexander Palm	14" db	6	50%	Relocate			In Finger Island
10	Pythospermum elegans	Alexander Palm	14" db	6	50%	Relocate			In Finger Island
11	Roystonia regia	Royal Palm	37" db	33	70%	Relocate			
12	Swietenia mahagoni	Mahogany	18	38	48	40%	remove	N/A (1-1)	Co-dm; Flush cut; Root-bound in Island; Vertical Branching
13	Pythospermum elegans	Alexander Palm	28" db	7	60%	Relocate			
14	Pythospermum elegans	Alexander Palm	22" db	7	60%	Relocate			
15	Pythospermum elegans	Alexander Palm	24" db	7	60%	Relocate			
16	Swietenia mahagoni	Mahogany	10	42	32	40%	remove	N/A (1-1)	Co-dm; Flush cut; Included Bark; Vertical Branching
17	Buella buccas	Black Olive	19	42	32	50%	remove	\$ 10,000.00	Co-dm; Included Bark; (P 12")
18	Buella buccas	Black Olive	18	22	30	50%	remove	\$ 15,300.00	Co-dm; (P 12")
19	Buella buccas	Black Olive	15	23	32	50%	remove	\$ 12,750.00	Structure; Co-canopy
20	Buella buccas	Black Olive	14	22	26	50%	remove	\$ 11,900.00	Structure; Co-canopy w/ #18
21	Swietenia mahagoni	Mahogany	20	34	25	30%	remove	N/A (1-1)	Yard #18; Included Bark; Poor structure; Vertical Branching; Sparsely Deficient Canopy; Nutrient Deficient
22	Swietenia mahagoni	Mahogany	11	42	24	40%	remove	N/A (1-1)	Co-dm; Flush cut; Bark; Poor structure; Vertical Branching; Large Branch wound; Vertical Branching
23	Buella buccas	Black Olive	14	26	22	50%	remove	\$ 11,000.00	Structure; Co-canopy
24	Buella buccas	Black Olive	8	24	18	50%	remove	\$ 3,600.00	Structure; Co-canopy
25	Buella buccas	Black Olive	13	28	30	50%	remove	\$ 11,000.00	Structure; Co-canopy
25A	Buella buccas	Black Olive	13	30	22	50%	remove	\$ 7,800.00	Co-dm; Four
26	Swietenia mahagoni	Mahogany	32	34	28	30%	remove	N/A (1-1)	Yard #18; Included Bark; Poor structure; Vertical Branching; Sparsely Deficient Canopy; Nutrient Deficient
27	Swietenia mahagoni	Mahogany	11	25	17	15%	remove	N/A (1-1)	Co-dm; Flush cut; Bark; Poor structure; Vertical Branching; Large Branch wound; Vertical Branching
28	Swietenia mahagoni	Mahogany	18	35	36	40%	remove	N/A (1-1)	Co-dm; Flush cut; Bark; Co-canopy w/ #20
29	Buella buccas	Black Olive	7	24	15	50%	remove	\$ 3,100.00	Co-dm; Flush cut; Bark; Vertical Branching
30	Buella buccas	Black Olive	14	36	30	50%	remove	\$ 11,900.00	Co-dm; Flush cut; Bark; Vertical Branching
31	Swietenia mahagoni	Mahogany	12	34	36	25%	remove	N/A (1-1)	Co-dm; Flush cut; Bark; Poor structure; Dead & Croaking Branches; Water sprouts; Over-Branched; Nutrient Deficient
31A	Sabal palmetto	Cabbage Palm	20" db	8	70%	REMAIN			Co-canopy w/ #31
32	Bursaria sinaruba	Gumbo Limbo	12	28	20	40%	remove	N/A (1-1)	Co-dm; Included Bark; Croaking Branches
33	Bursaria sinaruba	Gumbo Limbo	13	22	28	40%	remove	N/A (1-1)	Co-dm; Flush cut; Root-bound in Island
34	Bursaria sinaruba	Gumbo Limbo	9	18	22	40%	remove	N/A (1-1)	Co-dm; Vertical Branching; Included Bark; Thin Canopy; Nutrient Deficient
35	Bursaria sinaruba	Gumbo Limbo	13	20	20	40%	remove	N/A (1-1)	Co-dm; Vertical Branching; Included Bark; Sparsely Deficient Canopy; Nutrient Deficient
36	Swietenia mahagoni	Mahogany	26	44	42	40%	remove	N/A (1-1)	Yard #18; Included Bark; Poor structure; Vertical Branching; Aged; Canopy
37	Sabal palmetto	Cabbage Palm	24" db	8	70%	Relocate			
38	Sabal palmetto	Cabbage Palm	22" db	8	70%	Relocate			
39	Swietenia mahagoni	Mahogany	30	42	34	10%	remove	N/A (1-1)	Buella #18" 10"; Extensive Trunk Damage; Poor Structure; Dead/Croaking Branches; Over-Branched; Sparsely Deficient
40	Sabal palmetto	Cabbage Palm	24" db	8	70%	Relocate			
41	Sabal palmetto	Cabbage Palm	20" db	8	70%	Relocate			
42	Bursaria sinaruba	Gumbo Limbo	8	20	22	40%	REMAIN		Co-dm; Sparsely Deficient
43	Bursaria sinaruba	Gumbo Limbo	10	20	24	40%	REMAIN		Co-dm; Sparsely Deficient
44	Syagrus romanzoffiana	Queen Palm	24" db	40%	remove	N/A (1-1)			Evidence of Boring Insects; Nutrient Deficient
45	Syagrus romanzoffiana	Queen Palm	18" db	30%	remove	N/A (1-1)			Blurred Canopy; Nutrient Deficient
46	Syagrus romanzoffiana	Queen Palm	24" db	50%	remove	N/A (24)			Co-dm; Four
47	Swietenia mahagoni	Mahogany	10	24	22	25%	remove	N/A (1-1)	Co-dm; Flush cut; Bark; Over-Branched; Nutrient Deficient; Included Bark
48	Swietenia mahagoni	Mahogany	24	38	50	40%	remove	N/A (1-1)	Co-dm; Flush cut; Bark; Poor structure; Over-Branched; Sparsely Deficient; Aged; Canopy
49	Swietenia mahagoni	Mahogany	30	36	34	40%	remove	N/A (1-1)	Co-dm; Four; Included Bark; Co-canopy w/ #18
50	Swietenia mahagoni	Mahogany	18	28	15	15%	remove	N/A (1-1)	Yard #18; Included Bark; Poor structure; Vertical Branching; Aged; Canopy

TOTAL DBH IN SITE WORK AREA	692
TOTAL DBH TO BE RELOCATED/REMAN	964
TOTAL DBH TO BE REMOVED	29
1:1 REPLACEMENT TREES REQUIRED	134
TOTAL REPLACEMENT DBH FOR TREES WITH CONDITION RATINGS 1-5	134
ALTERNATIVELY, TOTAL IN LIEU FEE	\$ 168,300.00
TOTAL NET REPLACEMENT HEDONY OF PLANTS	24
SEE LANDSCAPE PLANS FOR REPLACEMENTS	



TREE PRESERVATION
BARRICADE FENCING DETAIL

N.T.S.

ALL NUISANCE, EXOTIC VEGETATION SHALL BE ERADICATED & REMOVED FROM THE ENTIRE SITE IN PERPETUITY

ALL EXISTING TREES TO REMAIN SHALL BE STRUCTURALLY PRUNED, TRIMMED, & ROOT PRUNED FOR NEW CONSTRUCTION (IF APPLICABLE) UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST PRIOR TO ANY CONSTRUCTION TAKING PLACE

TREES TO BE PRESERVED ON SITE SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE BY BARRICADING AROUND THE OUTER EDGE OF THE DRIP-LINE OF THE TREES, PRIOR TO THE ISSUANCE OF A TREE REMOVAL PERMIT, & PRIOR TO ANY CONSTRUCTION ACTIVITY & MUST BE INSPECTED BY THE CITY

DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE UNLESS OTHERWISE APPROVED BY THE CITY

City of Delray Beach, Florida - Tree Removal and Tree Replacement Guidelines:
(The Following Shall Apply Pursuant To "City of Delray Beach Land Development Code - Landscape Regulations (Section 4.6.16(D)(2)(a) - "Preservation and Promotion of Existing Plant Communities"; and Section 3.4.6(G) "Tree Removal Permits"; and Are Reflected Upon These Tree Disposition/ Mitigation Plans and the "Landscape Planting Plans" Accordingly. The Owner and/or Contractor Shall Follow The Tree Replacement and Protection Guidelines, Within These Notes, As Well As The Aforementioned Codes.)

General Conditions/ Pre-Clearing Inspections: A Pre-Clearing Inspection Is Required Prior To The Initial Removal or Alteration of Any Vegetation In Order To Assure Proper Compliance With The Permit Conditions. A Post-Clearing Inspection Is Required Prior To Issuance of The Final Certificate of Occupancy. All Native Vegetation Outside of The Development Area Shall Be Maintained In Place As Outlined On The Tree Disposition Site Plans.

Tree Protection Note: Contractors Shall Use Caution During Construction To Avoid Damaging Any Existing Trees Listed As To Remain. (1) Barriers Shall Enclose Area Inside The Outer Edge of Drip-line; (2) Tree Protection Barrier Shall Be Conspicuous and High Enough To Be Easily Seen By Any Equipment Operators; (3) All Tree Protection Barrier Shall Be Constructed of Sturdy Scrap Wood (Four by Four Stock), or Other Sturdy Material (No Flaming or Ribbon Type Fencing Shall Be Used); (4) All Tree Protection Barriers To Be Completely Removed From Site At The End of Construction Period (Immediately Prior To Issuance of Certificate of Occupancy By The City of Delray Beach Building Department) Unless Otherwise Stipulated.

Methodology of Tree Removals: No Heavy Equipment or Machinery Shall Be Used, Nor Shall Any Construction Activities or Grade Changes Occur Within The Radius of The Drip Line of Native Trees Which Shall Be Preserved In Place, Unless Specifically Approved In Writing By The City of Delray Beach and/or the Landscape Architect. Use of Any Chemical Treatments Shall Have Prior Approval By The City of Delray Beach and the Landscape Architect Before Application. All Prohibited Species and/or Invasive Species Shall Be Removed as Indicated Within The Limits of Contract Area or Property To Be Developed Accordingly, as per The City of Delray Beach's Land Development Code.

Tree Locations/ Tree Removals and Tree Replacement Calculations: Trees That Are To Be Removed Must Be Mitigated For According To The Tree Canopy Credits Guidelines (Section 3.4.6(G) and Section 4.6.16(D)(1)(d) of The City of Delray Beach Land Development Code).

Maintenance and Monitoring Requirements: The Permit Holder Shall Be Responsible For Maintaining The Health of Any Replacement and/or Relocated Trees For A Min. of One Year From Planting. Throughout The Monitoring Period, The Permit Holder Shall Maintain a (100%) Survivorship Rate For All Installed Replacement Trees. If During The Monitoring Period, The Survival Rate of Any of The Plants Drops Below The Required Level, The Permit Holder Shall Have (15) Days To Plant A Sufficient Number of Additional Trees So As To Maintain The Required Survival Rate.

Tree Replacement Bond Requirement: Bonds May Be Required By The City of Delray Beach For Tree Removal and/or Tree Replacement Permits. Calculations For The Amount of Bonds For Non-Mature Trees Shall Be Computed Based Upon The Equivalent Canopy Replacement Criteria Applied To Each Tree To Be Relocated or Replaced and Upon The Cost of Installation and Maintenance. Determination of The Bond Amount For Mature Trees Shall Be Computed Based Upon The Most Current Version of The Guide For Plant Appraisal, Published By The International Society of Arboriculture. The Fair Market Value of The Cost of Trees That Would Be Required To Compensate For The Canopy To Be Relocated or Replaced Shall Be Posted.

DATE

NO.

FLORIDA BUSINESS SOCIETY OF AUTH. No. 7239

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FORT LAUDERDALE, FL 33309
PH: (954) 202-2000
www.ThomasEngineeringGroup.com

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DISPOSITION PLAN
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& GAS STATION
ATLANTIC AVENUE &
CONGRESS AVENUE
DELRAY BEACH, FLORIDA

DATE 2/1/21
SCALE 1" = 20'
DRAWN-BY RJK
DRAWING NAME:
SHEET NO. 1
VERSION