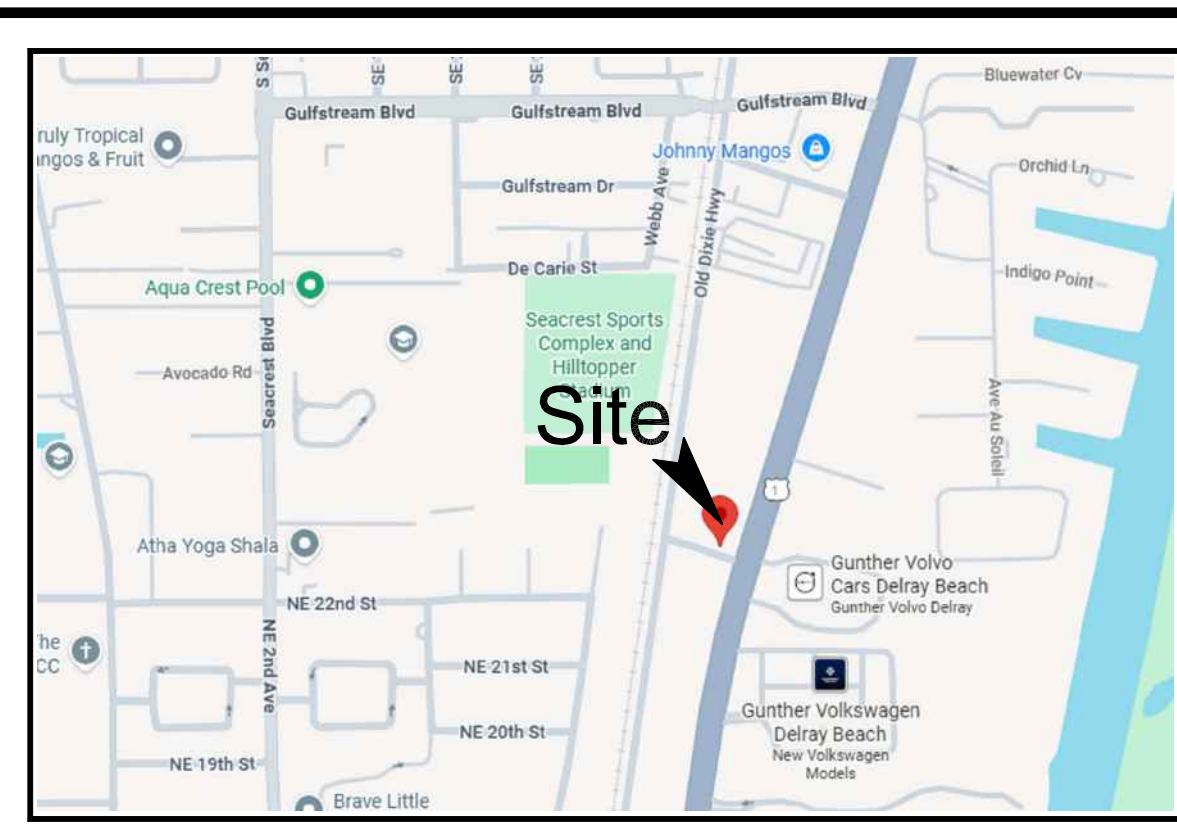
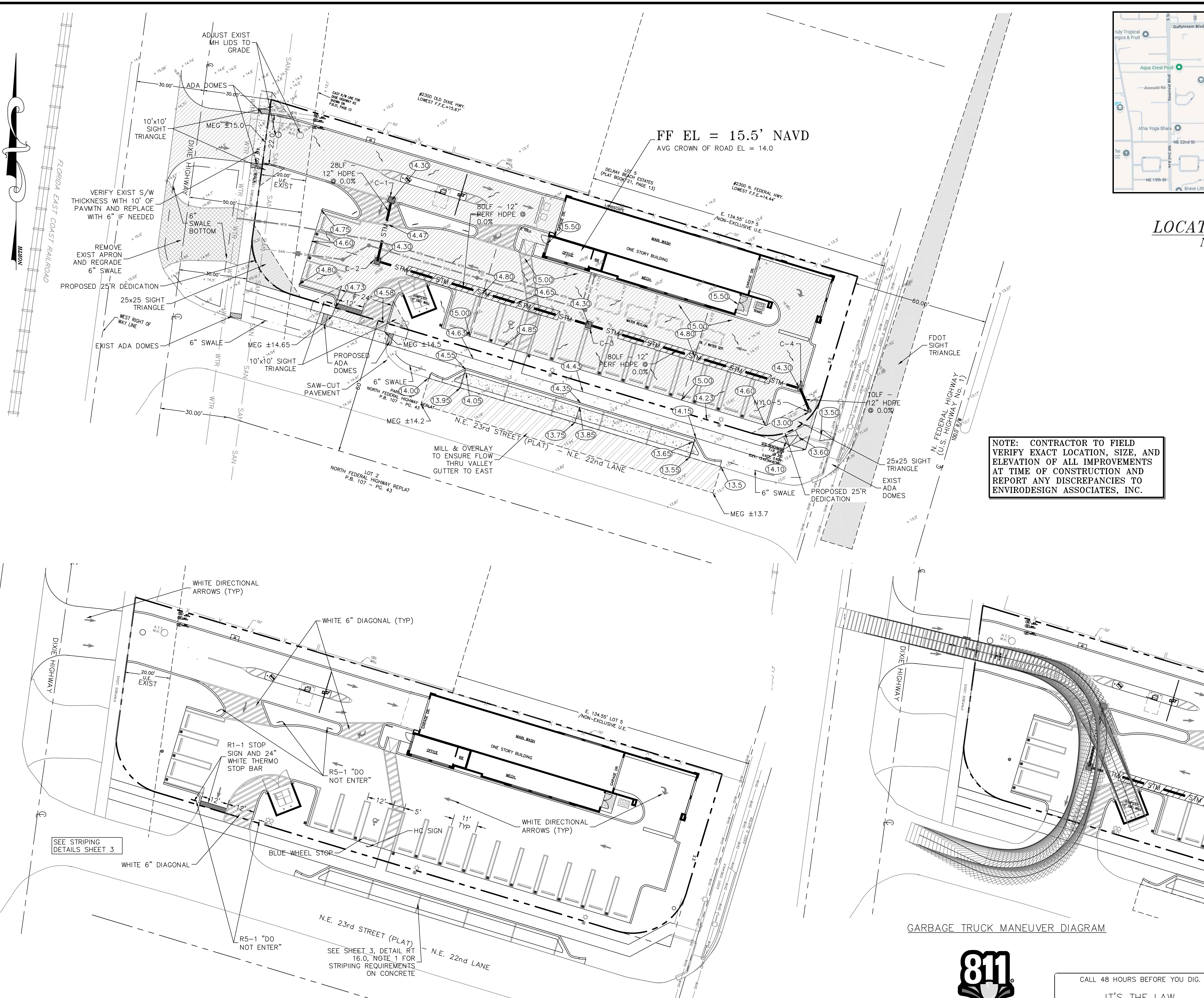
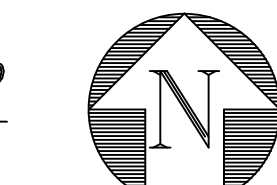




LOCATION MAP
N.T.S.



LEGEND:

- PROPERTY LINE
- SECTION IDENTIFIER
PLAN PAGE DETAIL PAGE
- PROPOSED ELEVATION
- DIRECTION OF FLOW
- EXISTING ELEVATION
- DENOTES AREA OF PROPOSED 6" THICK CONCRETE PAVING
- DENOTES AREA OF PROPOSED 4" THICK CONCRETE PAVING
- DENOTES AREA OF PROPOSED ASPHALT PAVING
- DENOTES AREA PROPOSED 1" MILL & OVERLAY
- DENOTES AREA EXIST DRIVEWAY TO BE REMOVED
- C-INLET WITH F-CURB FRAME & GRATE
- TYPE C-INLET
- PROPOSED NYLO/IL CATCH BASIN
- DENOTES 12" PERF HDPE PIPE IN 4' WIDE X 4' DEEP ROCK TRENCH (BOTTOM EL = 9.0' NAVD)
- STRUCTURE TYPE-NUMBER
RIM ELEVATION
INVERT ELEVATION
- NYLO NYLOPLAST YARD DRAIN OR APPROVED EQUAL
- IL INLINE YARD DRAIN
- HDPE HIGH-DENSITY POLYETHYLENE PIPE

NOTE: CONTRACTOR TO FIELD VERIFY EXACT LOCATION, SIZE, AND ELEVATION OF ALL IMPROVEMENTS AT TIME OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO ENVIRODESIGN ASSOCIATES, INC.

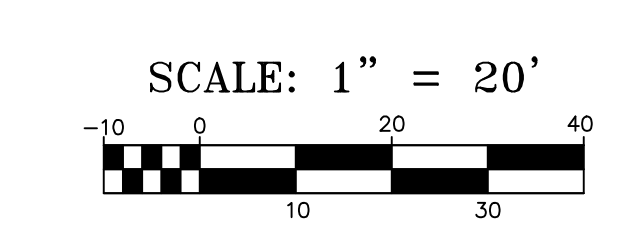
- NOTES:
- ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER, OR DRAINAGE EASEMENTS, THEY SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD 1.0 & LD 2.0
 - ALL ELEVATIONS SHOWN HEREIN ARE PER NAVD 88 DATUM UNLESS OTHERWISE NOTED
 - PERMITTEE SHALL NOTIFY ENGINEER 48 HOURS PRIOR TO ANY WATER, SEWER, DRAINAGE, PAVING, AND/OR GRADING INSTALLATIONS INCLUDED HEREIN TO ENSURE INSPECTIONS ARE COMPLETED AS NEEDED TO PROVIDED AN ENGINEER'S CERTIFICATE OF COMPLETION.
 - IT IS THE RESPONSIBILITY OF THE OWNER'S ENGINEER TO EXECUTE THE "ENGINEER'S CERTIFICATE OF COMPLETION" EXACTLY AS STATED ON PAGE C-14 FROM THE CITY OF DELRAY BEACH CURRENT MINIMUM CONSTRUCTION STANDARDS AND SPECIFICATIONS
 - ANY DAMAGE TO THE CITY'S RIGHT-OF-WAY, NOT LIMITED TO AND INCLUDING ALLEYS, SIDEWALKS, AND STREETS WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR OR REPLACE AT THE DISCRETION OF THE CITY.
 - IN THE EVENT OF ANY PAVEMENT DAMAGE TO THE ROADWAY OR ALLEY, THE PAVEMENT MUST BE RESTORED PER CITY STANDARD DETAIL GU 1.0.
 - ALL UTILITY SERVICES TO THE SITE AND INDIVIDUAL STRUCTURES ON THE SITE ARE TO BE PROVIDED VIA UNDERGROUND SERVICES.
 - SEE LANDSCAPE PLANS FOR BRICK PAVER PATTERNS
 - RETAINING WALLS SHOWN HEREIN DEPICT LOCATION AND ELEVATION REQUIREMENTS ONLY. STRUCTURAL DESIGN PER MANUFACTURER SPECIFICATIONS OR TO BE PROVIDED BY OTHERS.

GARBAGE TRUCK MANEUVER DIAGRAM

STRIPING PLAN



CALL 48 HOURS BEFORE YOU DIG.
IT'S THE LAW
1-800-432-4770
SUNSHINE STATE ONE CALL OF FLORIDA, INC.



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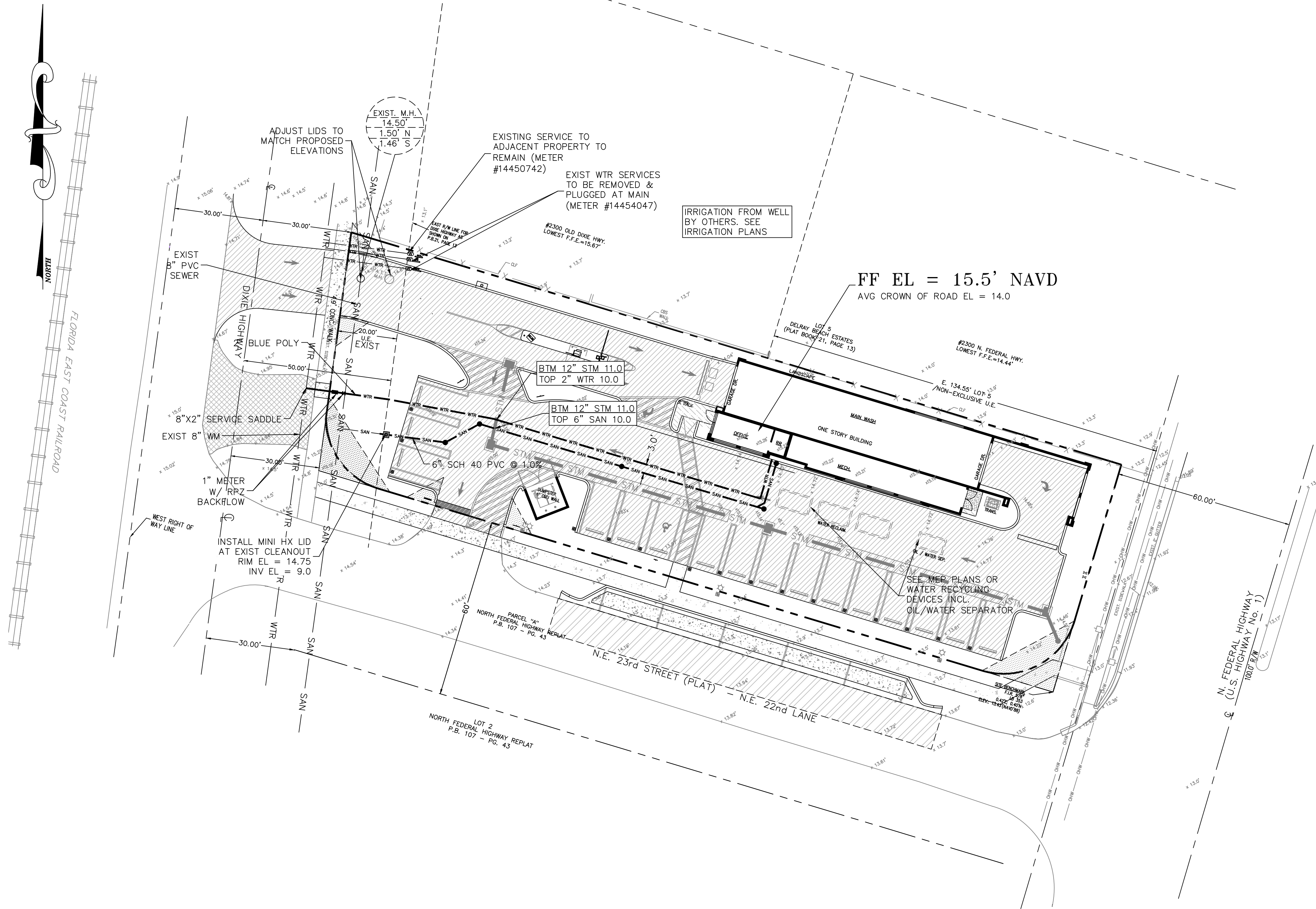
JOSEPH A. PIKE, P.E., FL REG # 42696

NO.	DATE	REVISIONS:	BY:
1	2/17/26	REVISE PER CITY COMMENTS	BAB
2	5/15/26	REVISE PER CITY COMMENTS	BAB
3	6/23/26	ADD EXIST D/W TO BE REMOVED HATCH TO LEGEND	BAB

PAVING & DRAINAGE PLANS FOR:
LENNY'S CAR WASH
2210 N FEDERAL HWY
DELRAY BEACH, FLORIDA

ENGINEERS • ENVIRONMENTAL CONSULTANTS
EnviroDesign Associates Inc.
www.envirodesign.com
FLORIDA CERTIFICATE OF AUTHORIZATION No. 6506
1855 Dr. Andres Wey, Delray Beach, Florida 33445
Fax: (561) 274-8558 Phone: (561) 274-6500

DRAWN:
B.A.B.
CHECKED:
J.A.P.
DATE:
06/23/26
JOB NO.
25082-ENG
SHEET NO.
1 OF 7



NOTES:

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1" METERS: SIGMA/RAVEN BOXES (H-20 LOAD RATING WITH STRAIGHT WALL ONLY) 13" X 24" X 12" (DEPTH): CODE RMB132412NSW- WITH A MATCHING COMPOSITE LID TO SAY "WATER" (H-20 LOAD RATING WITH MIU HOLE) CODE: N1324BLUWAT-TS.

1.5" & 2" METERS: SIGMA/RAVEN BOXES (H-20 LOAD RATING WITH STRAIGHT WALL ONLY) 17" X 30" X 12" (DEPTH): CODE RMB173012NSW WITH A MATCHING COMPOSITE LID TO SAY "WATER" (H-20 LOAD RATING WITH MIU HOLE) CODE: N1730BLUWAT-TS.

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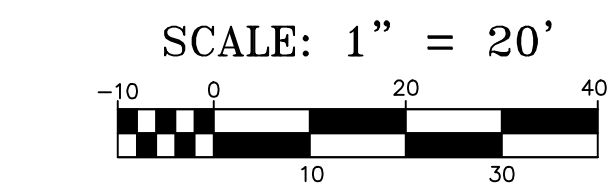


Know what's below.
Call before you dig.

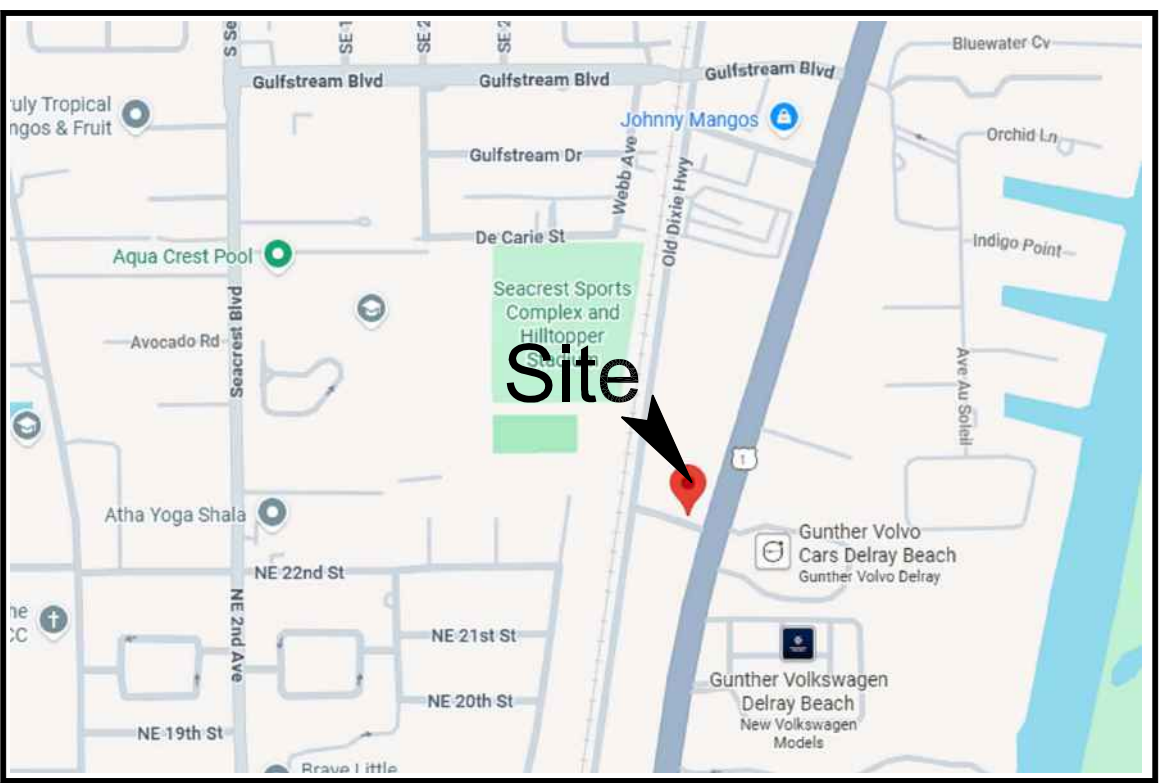
CALL 48 HOURS BEFORE YOU DIG.

IT'S THE LAW
1-800-432-4770

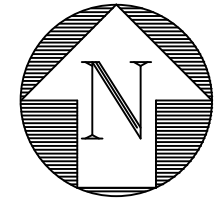
SUNSHINE STATE ONE CALL OF FLORIDA, INC.



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LOCATION MAP
N.T.S.



LEGEND:

- PROPERTY LINE
- PROPOSED WATER METER
- PROPOSED WATER METER WITH BACKFLOW PREVENTER
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- EXISTING MANHOLE
- PROPOSED MANHOLE
- SANITARY SEWER CLEANOUT
- SINGLE SANITARY SERVICE WITH CLEANOUT & HEXAGONAL LID
- DENOTES AREA OF PROPOSED 6" THICK CONCRETE PAVING
- DENOTES AREA OF PROPOSED 4" THICK CONCRETE PAVING
- DENOTES AREA OF PROPOSED ASPHALT PAVING
- DENOTES AREA PROPOSED 1" MILL & OVERLAY
- DENOTES AREA EXIST DRIVEWAY TO BE REMOVED

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WATER & WASTEWATER PLAN FOR:
LENNY'S CAR WASH
2210 N FEDERAL HWY
DELRAY BEACH, FLORIDA

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EnviroDesign Associates Inc.
www.envirodesign.com

FLORIDA CERTIFICATE OF AUTHORIZATION No. 6506
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Phone: (561) 274-8558 Fax: (561) 274-6500

DRAWN:
B.A.B.

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J.A.P.

DATE:
06/23/26

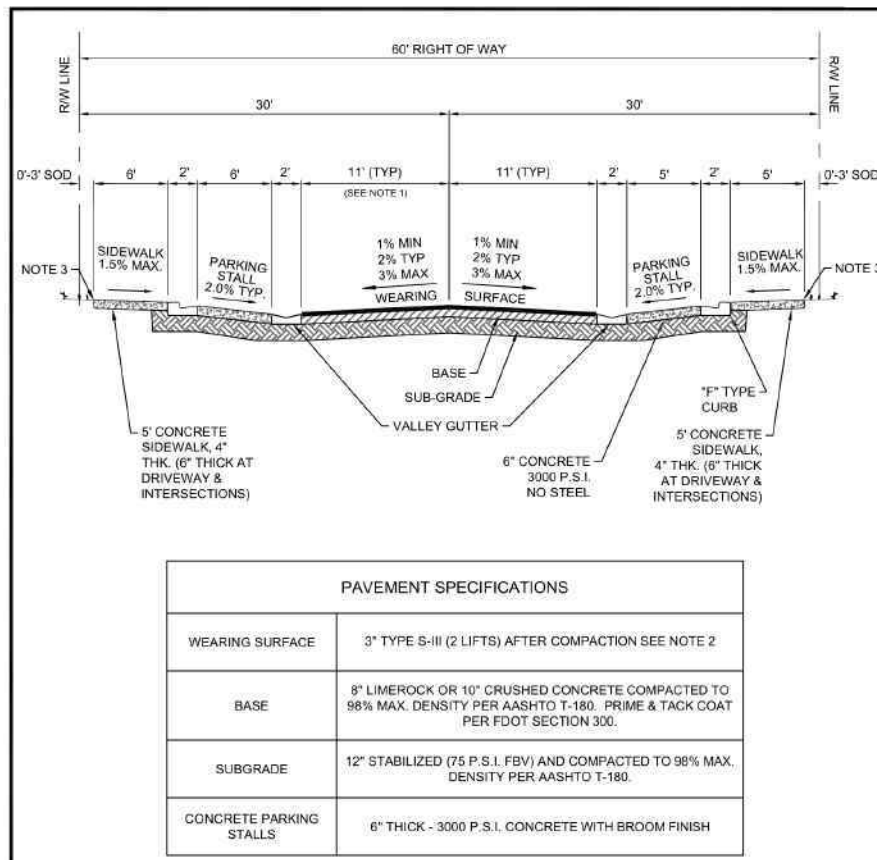
JOB NO.
25082-ENG

SHEET NO.
2 OF 7

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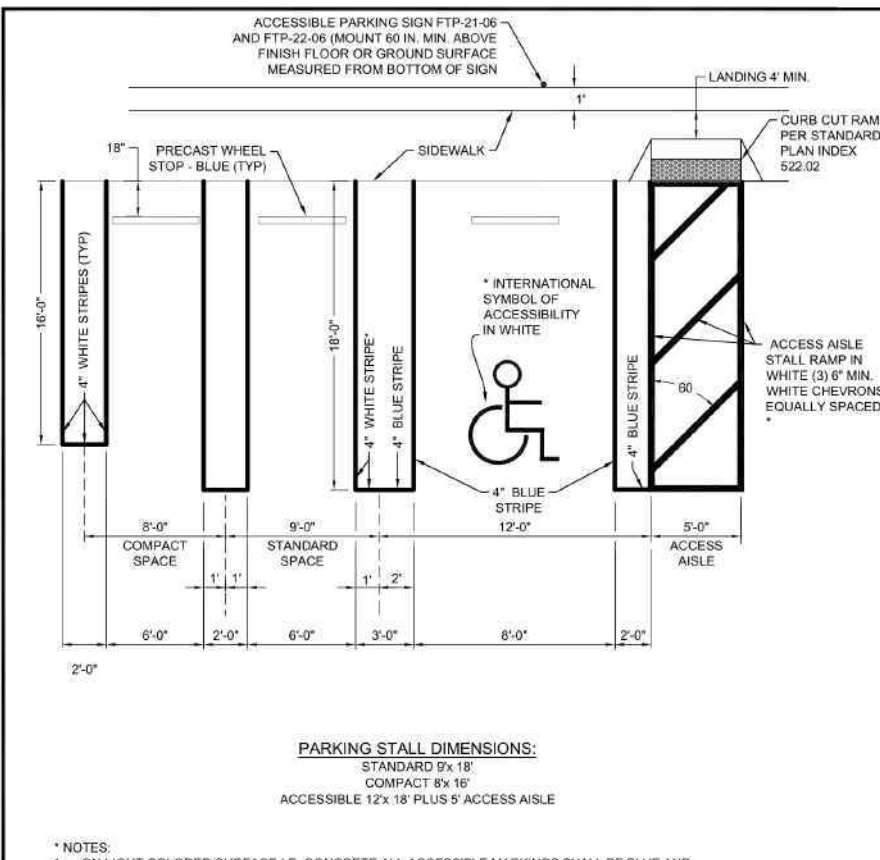
PAVEMENT SPECIFICATIONS	
WEARING SURFACE	3" TYPE 5-H (2 LIFTS) AFTER COMPACTION SEE NOTE 2
BASE	8" LIME ROCK OR 1" CRUSHED CONCRETE COMPACTIONED TO 95% MAX. DENSITY PER AASHTO T-180, PRIME & TACK COAT PER FOOT SECTION 306
SUBGRADE	12" STABILIZED (D5 P.S.I. F&W) AND COMPACTIONED TO 95% MAX. DENSITY PER AASHTO T-180
CONCRETE PARKING STALLS	6" THICK - 3000 P.S.I. CONCRETE WITH-BROOM FINISH

- NOTES:
- VARIATION IN LANE WIDTHS WILL BE CONSIDERED ON A CASE BY CASE BASIS BY THE CITY.
 - END LIFT SHALL NOT BE PAVED UNTIL CONSTRUCTION VEHICLES AND EQUIPMENT HAVE COMPLETED THE PREVIOUS LIFT.
 - IN UNDEVELOPED LOCATION ELEVATION TO BE SET EQUAL TO ROADWAY CROWN. IN PREVIOUSLY DEVELOPED AREAS, MATCH EXISTING GRADES.
 - LANE WIDTHS MUST BE APPROVED BY CITY PRIOR TO DESIGN.

CITY OF DELRAY BEACH
PUBLIC WORKS DEPARTMENT
400 SOUTH DELRAY AVENUE, DELRAY BEACH, FLORIDA 33444

TYPICAL 60' R/W WITH PARALLEL PARKING SECTION

DATE: 5/10/2021
RT 5.0



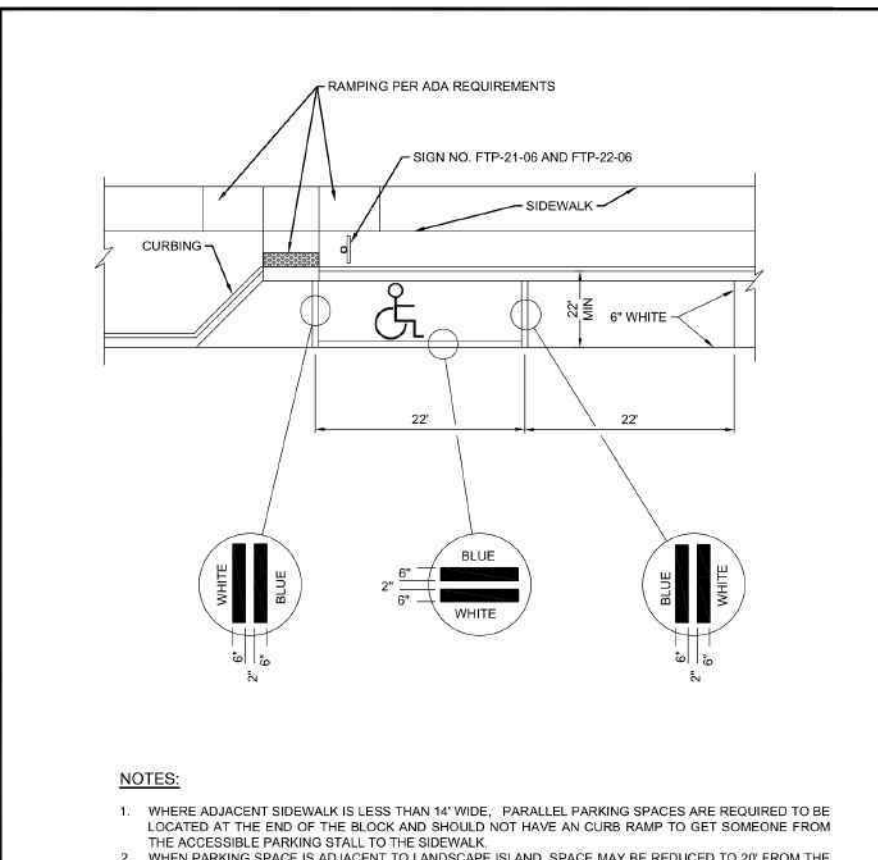
PARKING STALL DIMENSIONS	
STANDARD SPACE	11' 0"
COMPACT SPACE	9' 0"
ACCESSIBLE SPACE	12' 0"

- NOTES:
- ON LIGHT COLORED SURFACE (E. CONCRETE) ALL ACCESSIBLE MARKINGS SHALL BE BLUE AND STANDARD PARKING SPACES SHALL BE 1" WHITE WITH 1" BLUE BORDER.
 - ALL STREETS WITHIN PUBLIC RIGHT OF WAY SHALL BE 6' WIDE.
 - ALL MEASUREMENTS FROM CENTER LINE.
 - ALL COMPACT SPACES MUST HAVE "COMPACT" STENCILED WITH BLACK PAINT ON WHITE STOP.
 - BLUE STRIPES & INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WALKWAY ON CONCRETE.
 - 2' STOP BAR BETWEEN ALL PARKING CURBS AND TALL CURBS SHALL BE THERMOPLASTIC AND PER FOOT SPECIFICATIONS AND STOP SIGN R-1.
 - CHANGES IN LEVEL ARE NOT PERMITTED IN ACCESSIBLE PARKING SPACES AND ACCESSIBLES (SERVING THE STALLS, SLOPES NOT STEEPER THAN 1:8 SHALL BE PERMITTED).

CITY OF DELRAY BEACH
PUBLIC WORKS DEPARTMENT
400 SOUTH DELRAY AVENUE, DELRAY BEACH, FLORIDA 33444

TYPICAL PARKING SPACES (1 OF 3)

DATE: 5/10/2021
RT 16.0



- NOTES:
- WHERE ADJACENT SIDEWALK IS LESS THAN 10' WIDE, PARALLEL PARKING SPACES ARE REQUIRED TO BE LOCATED AT THE END OF THE BLOCK AND SHOULD NOT HAVE AN CURB RAMP TO GET SOMEONE FROM THE ACCESSIBLE PARKING STALL TO THE SIDEWALK.
 - WHEN PARKING SPACE IS ADJACENT TO LANDSCAPE ISLAND, SPACE MAY BE REDUCED TO 20' FROM THE STANDARD 22' LENGTH.

CITY OF DELRAY BEACH
PUBLIC WORKS DEPARTMENT
400 SOUTH DELRAY AVENUE, DELRAY BEACH, FLORIDA 33444

TYPICAL PARKING SPACES (3 OF 3)

DATE: 5/10/2021
RT 16.2

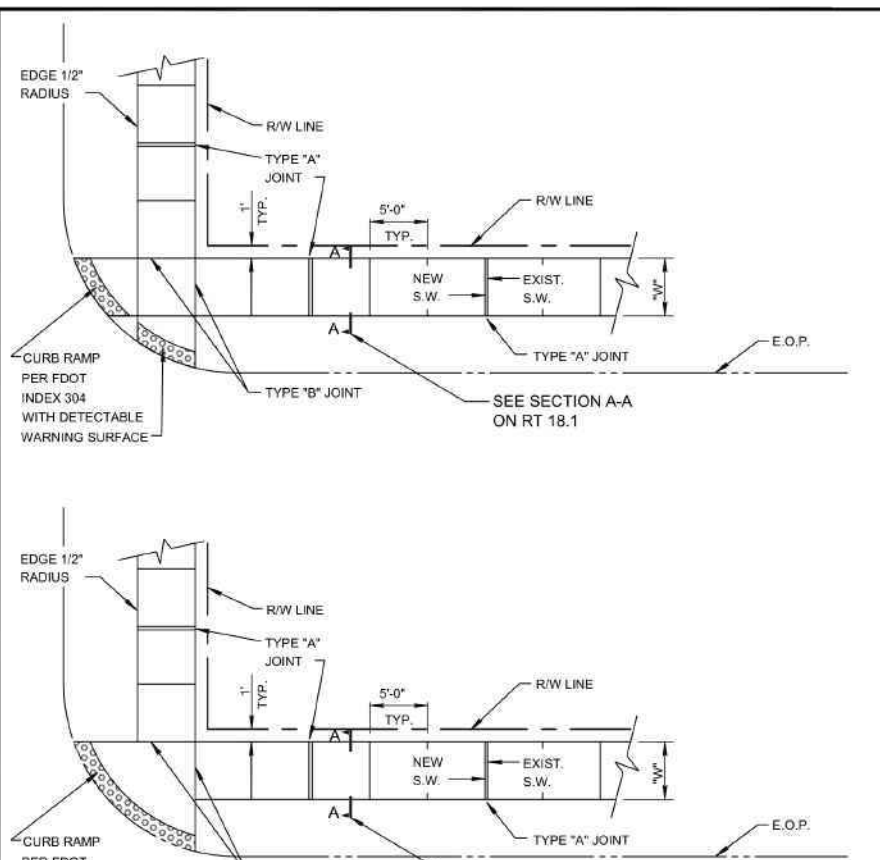


TABLE OF SIDEWALK THICKNESS - "T"	
GENERAL AREAS	4"
WITHIN 12' OF CROSS-STREETS, AT DRIVEWAYS & OTHER AREAS	6"

TABLE OF SIDEWALK WIDTHS - "W"	
SINGLE FAMILY AREAS	5'
MULTI-FAMILY AREAS	5'
OTHER AREAS AS SPECIFIED BY THE CITY	

CITY OF DELRAY BEACH
PUBLIC WORKS DEPARTMENT
400 SOUTH DELRAY AVENUE, DELRAY BEACH, FLORIDA 33444

SIDEWALK CONSTRUCTION DETAIL

DATE: 5/10/2021
RT 18.0

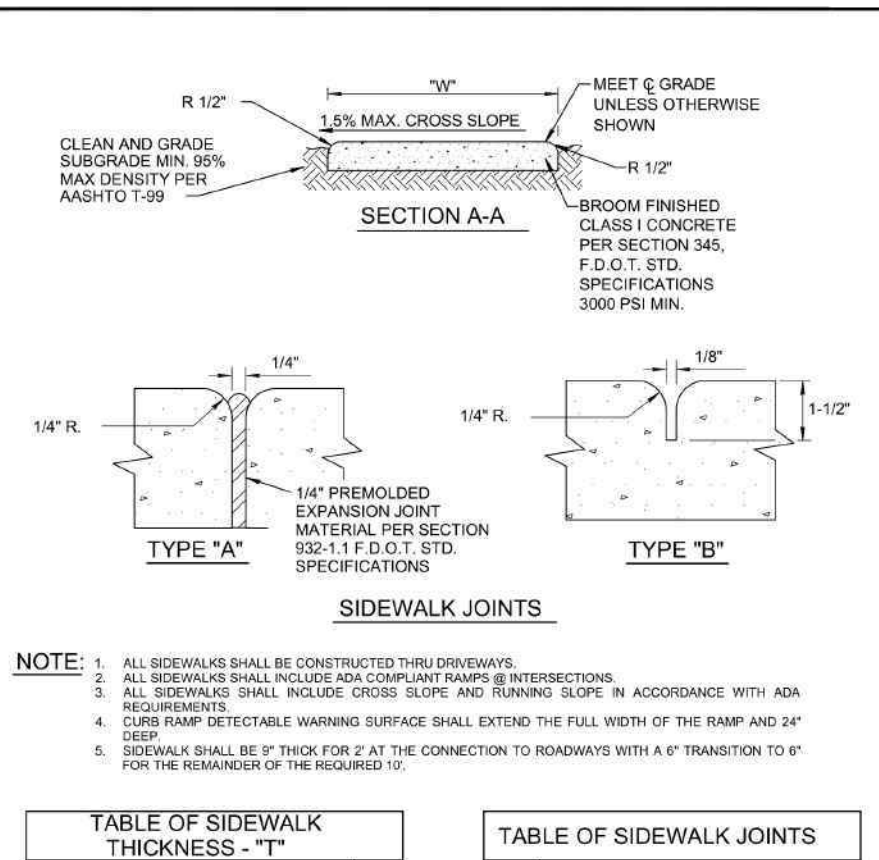
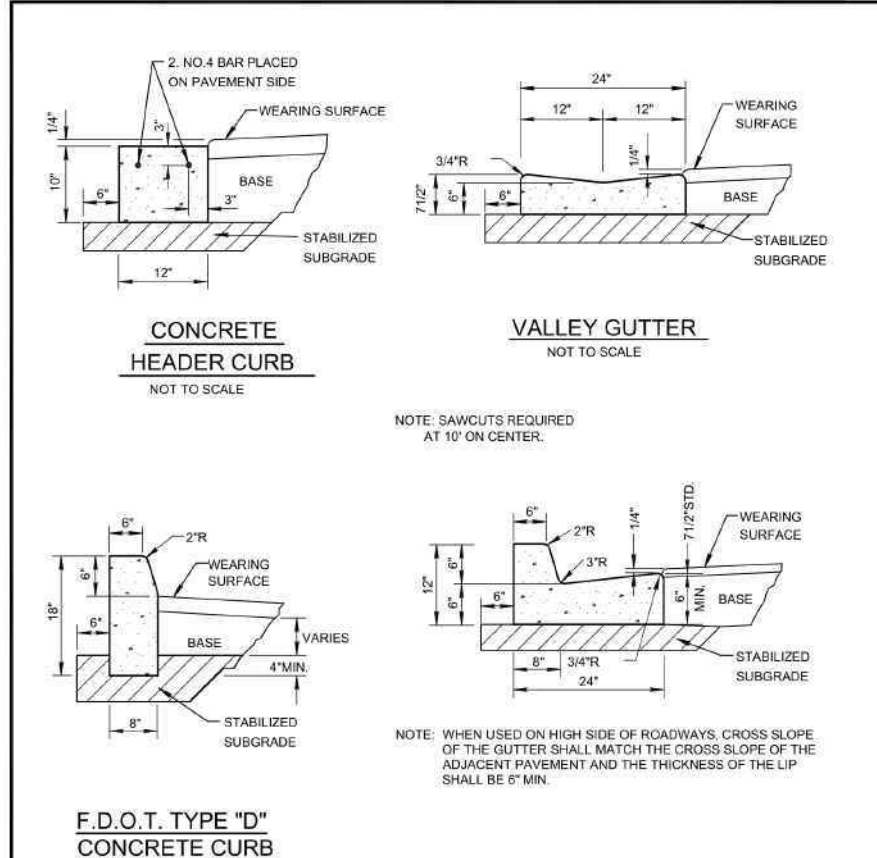


TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
"A"	P.C. AND P.T. OF CURVES, JUNCTION OF EXISTING & NEW SIDEWALKS EVERY 30'
"B"	5' CENTER TO CENTER ON SIDEWALKS SLOPED DURING PLACEMENT OR SAWCUT WITHIN 24 HOURS OF PLACEMENT
"C"	WHERE SIDEWALK ADJUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES

CITY OF DELRAY BEACH
PUBLIC WORKS DEPARTMENT
400 SOUTH DELRAY AVENUE, DELRAY BEACH, FLORIDA 33444

SIDEWALK CONSTRUCTION

DATE: 5/10/2021
RT 18.1



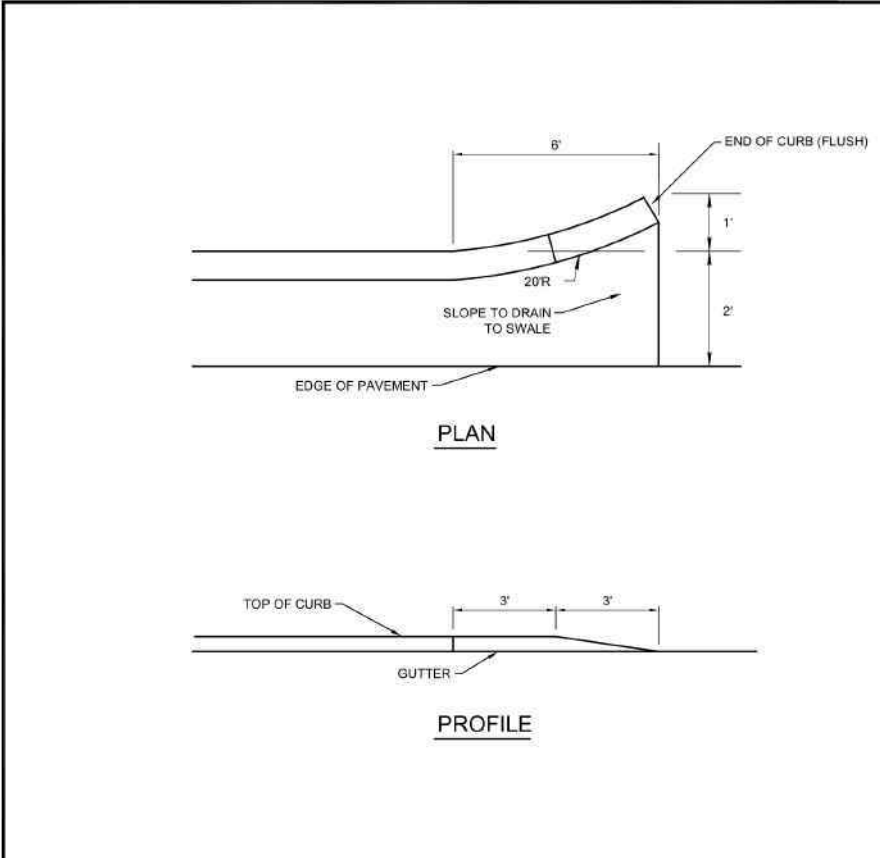
F.D.O.T. TYPE "D" CONCRETE CURB	
WEARING SURFACE	1" MIN.
BASE	4" MIN.
SUBGRADE	12" MIN.

- NOTES:
- ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING.
 - SAWCUTS AT 10' ON CENTER SHALL BE MADE WITHIN 24 HOURS OF CONCRETE PLACEMENT.

CITY OF DELRAY BEACH
PUBLIC WORKS DEPARTMENT
400 SOUTH DELRAY AVENUE, DELRAY BEACH, FLORIDA 33444

CURB AND GUTTER SECTIONS

DATE: 5/10/2021
RT 19.0



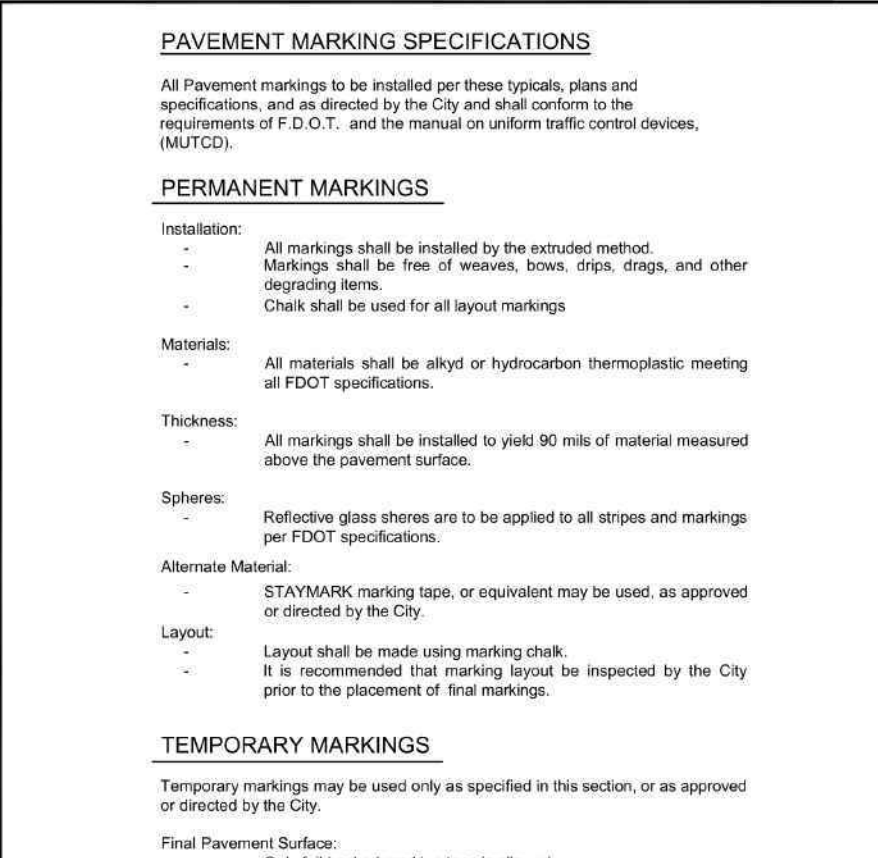
FLARED END FOR CURB AND GUTTER	
WEARING SURFACE	1" MIN.
BASE	4" MIN.
SUBGRADE	12" MIN.

- NOTES:
- ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING.
 - SAWCUTS AT 10' ON CENTER SHALL BE MADE WITHIN 24 HOURS OF CONCRETE PLACEMENT.

CITY OF DELRAY BEACH
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FLARED END FOR CURB AND GUTTER

DATE: 5/10/2021
RT 20.0



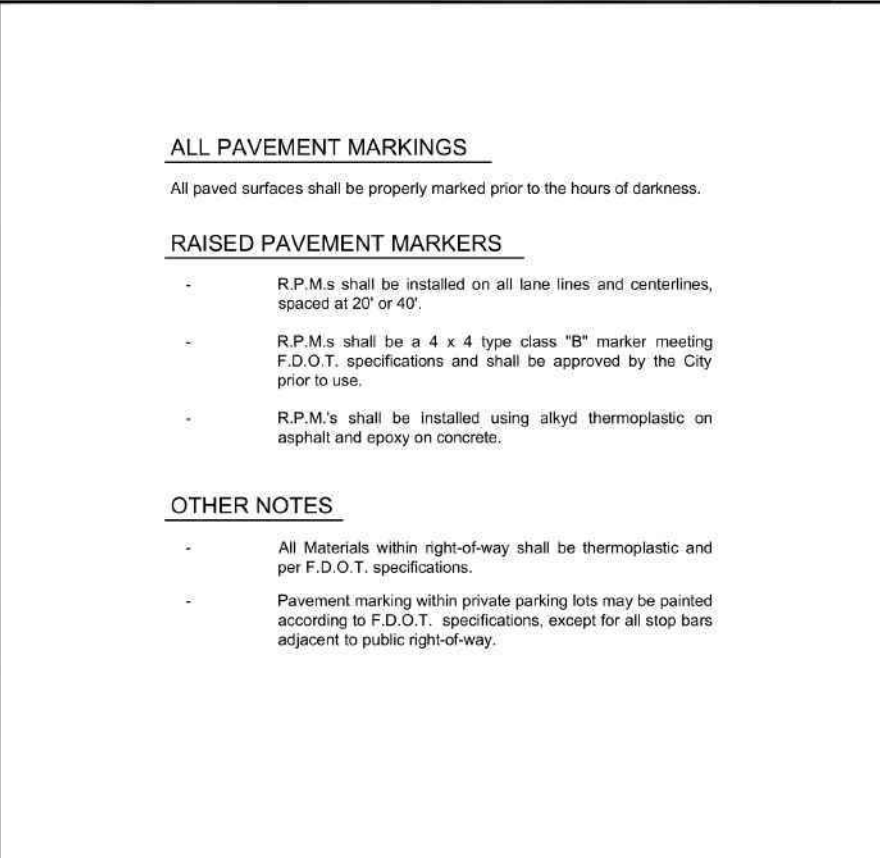
PAVEMENT MARKING SPECIFICATIONS (SHEET 1 OF 2)	
WEARING SURFACE	1" MIN.
BASE	4" MIN.
SUBGRADE	12" MIN.

- NOTES:
- ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING.
 - SAWCUTS AT 10' ON CENTER SHALL BE MADE WITHIN 24 HOURS OF CONCRETE PLACEMENT.

CITY OF DELRAY BEACH
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PAVEMENT MARKING SPECIFICATIONS (SHEET 2 OF 2)

DATE: 5/10/2021
RT 22.0



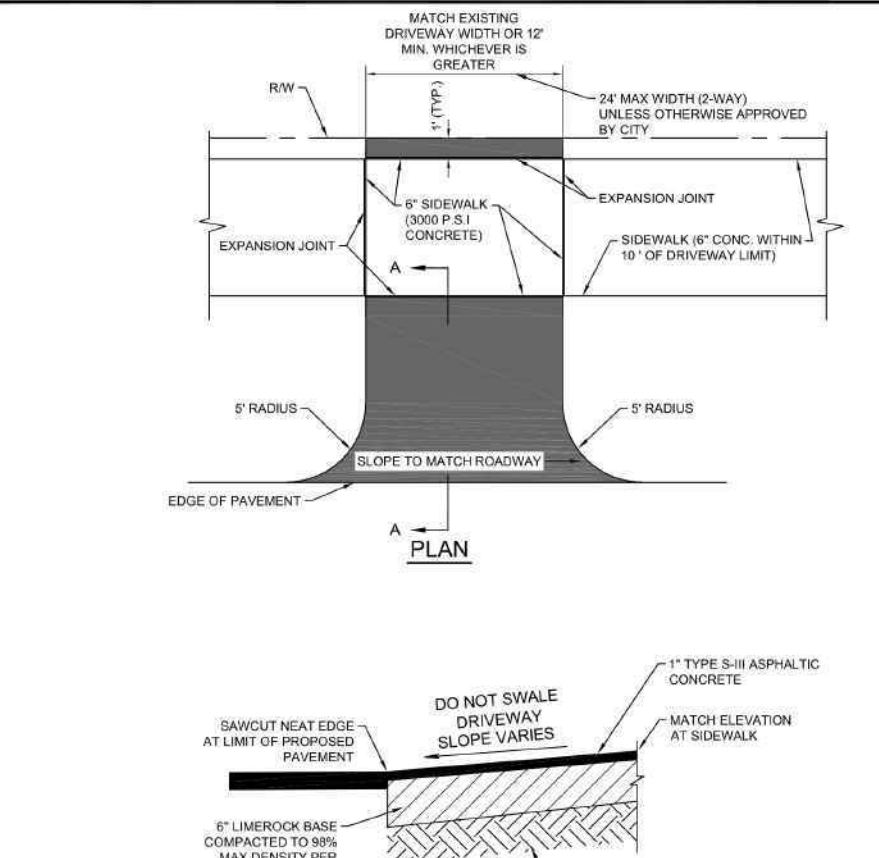
PAVEMENT MARKING SPECIFICATIONS (SHEET 2 OF 2)	
WEARING SURFACE	1" MIN.
BASE	4" MIN.
SUBGRADE	12" MIN.

- NOTES:
- ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING.
 - SAWCUTS AT 10' ON CENTER SHALL BE MADE WITHIN 24 HOURS OF CONCRETE PLACEMENT.

CITY OF DELRAY BEACH
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400 SOUTH DELRAY AVENUE, DELRAY BEACH, FLORIDA 33444

PAVEMENT MARKING SPECIFICATIONS (SHEET 2 OF 2)

DATE: 5/10/2021
RT 22.1



ASPHALT DRIVEWAY APRON	
WEARING SURFACE	1" MIN.
BASE	4" MIN.
SUBGRADE	12" MIN.

- NOTES:
- THIS DETAIL IS SHOWN WITH PROPOSED SIDEWALK.
 - IF THERE IS AN EXISTING SIDEWALK, THE SIDEWALK SHALL BE EVALUATED FOR THICKNESS AND IF FOUND NOT TO BE 6" THICK IT MUST BE REPLACED WITHIN THE LIMITS OF THE DRIVEWAY AND 10' ON EITHER SIDE.
 - IF THERE IS NO SIDEWALK, EXISTING OR PROPOSED, THE DRIVEWAY APRON SHALL BE CONSTRUCTED WITH THE GEOMETRY SHOWN HEREUP TO THE PROPERTY LINE.

CITY OF DELRAY BEACH
PUBLIC WORKS DEPARTMENT
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ASPHALT DRIVEWAY APRON

DATE: 5/10/2021
RT 24.0

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1	2/17/26	NO CHANGES	BAB
2	5/15/26	NO CHANGES	BAB
3	6/23/26	NO CHANGES	BAB

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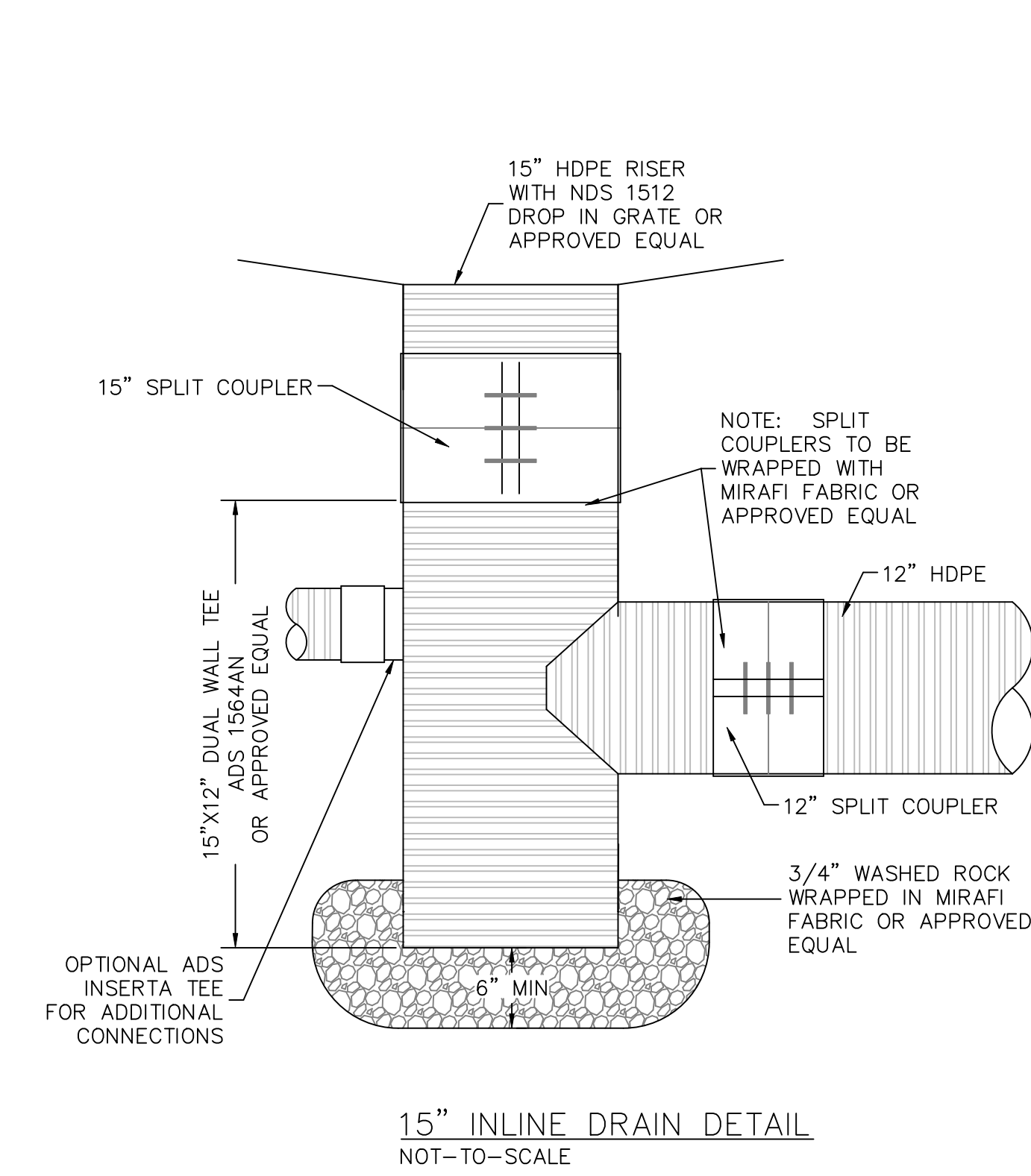
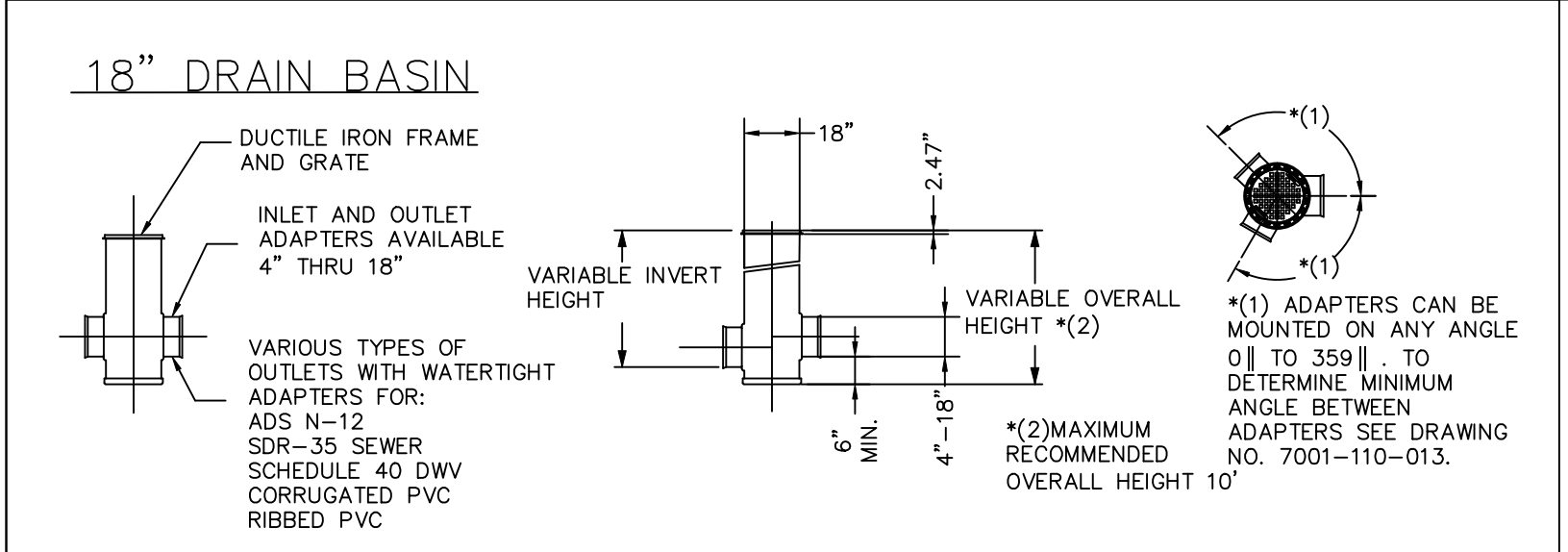
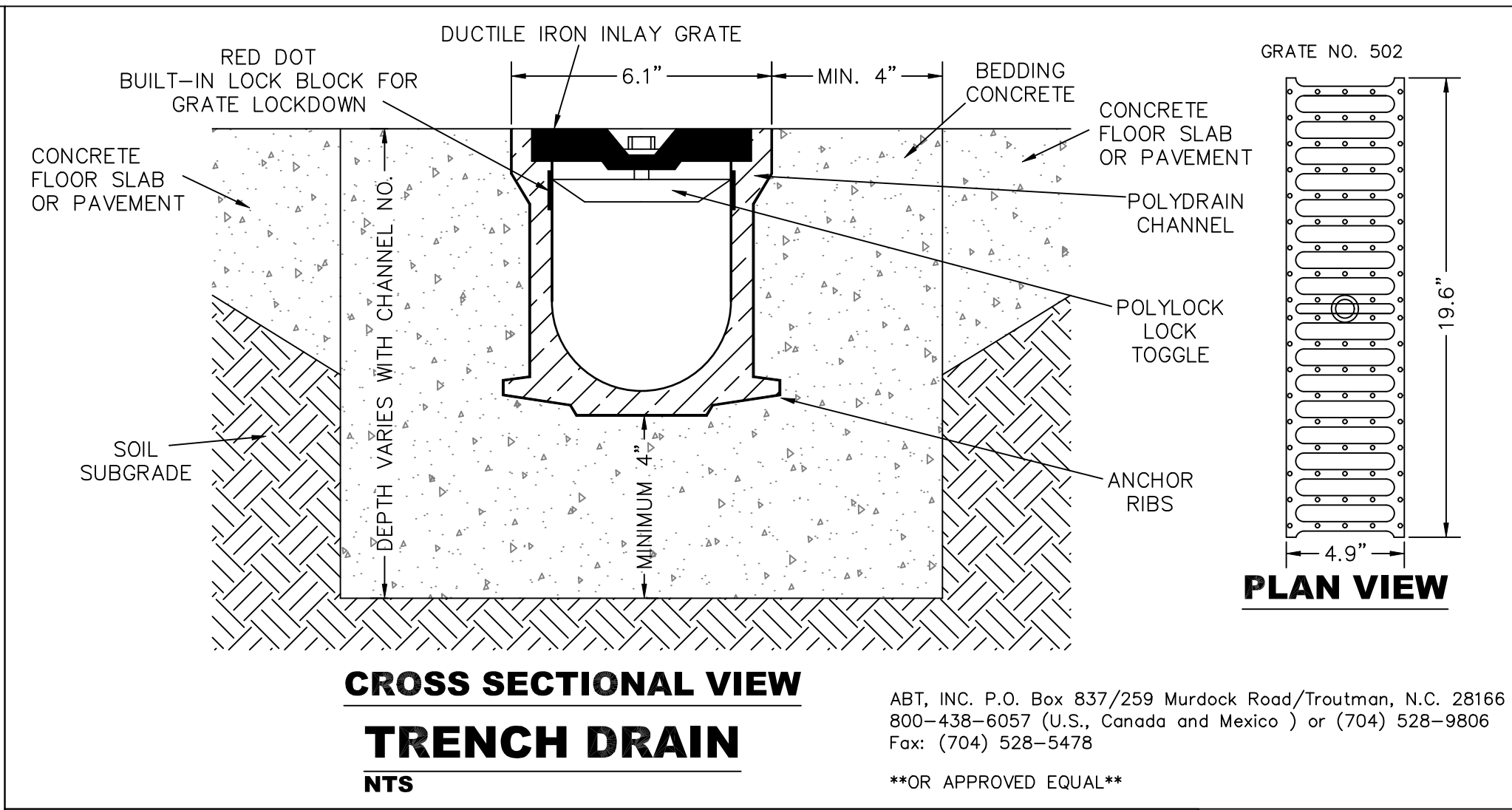
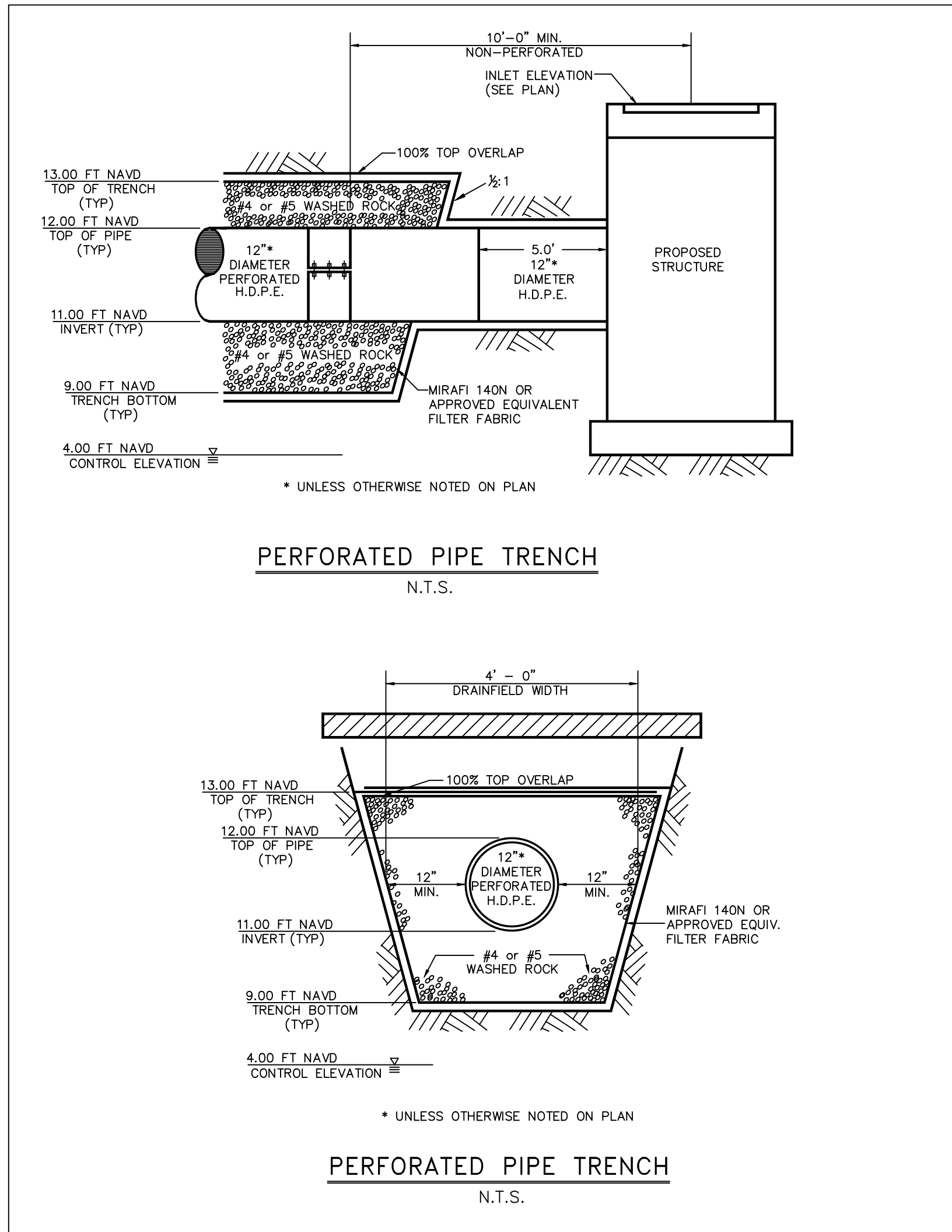
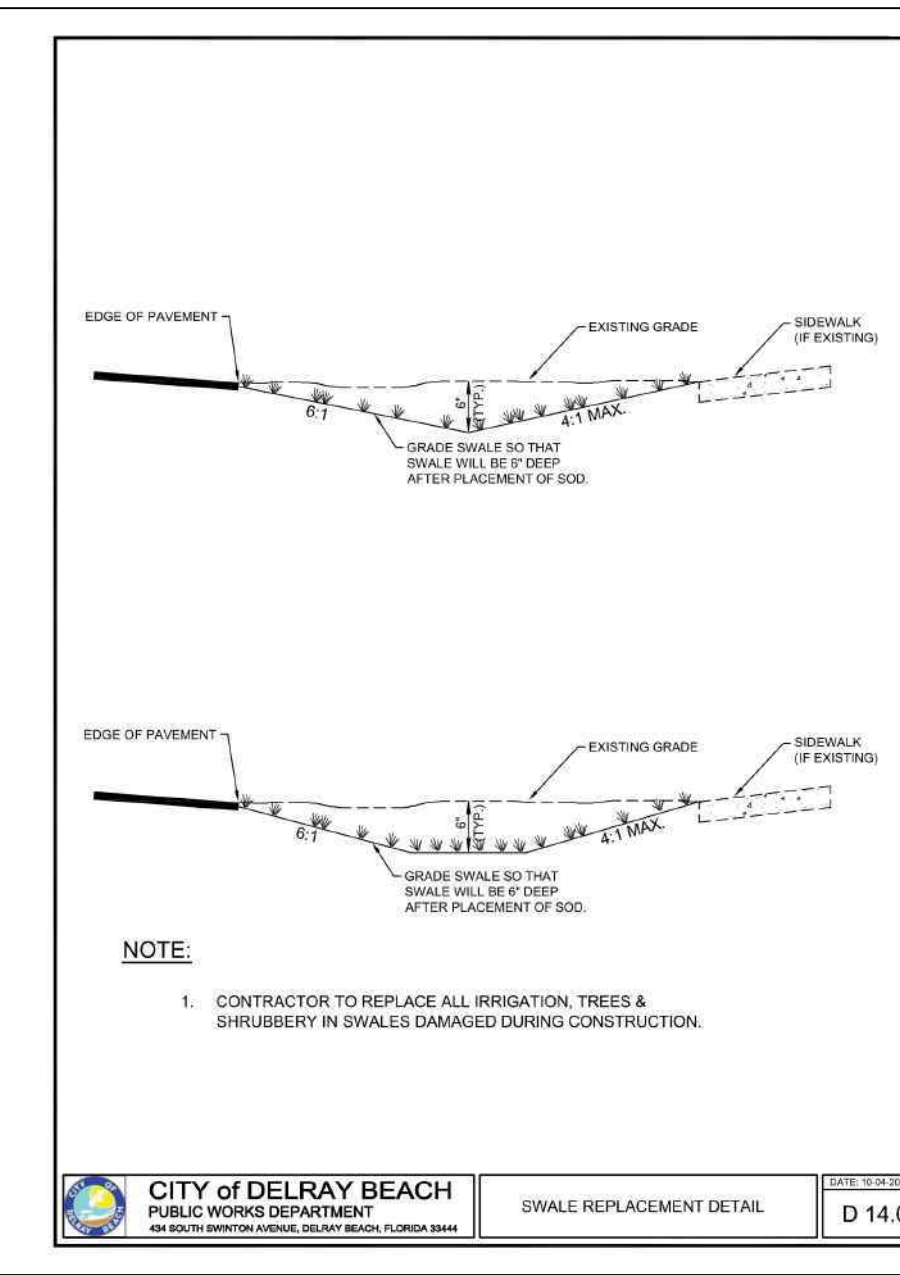
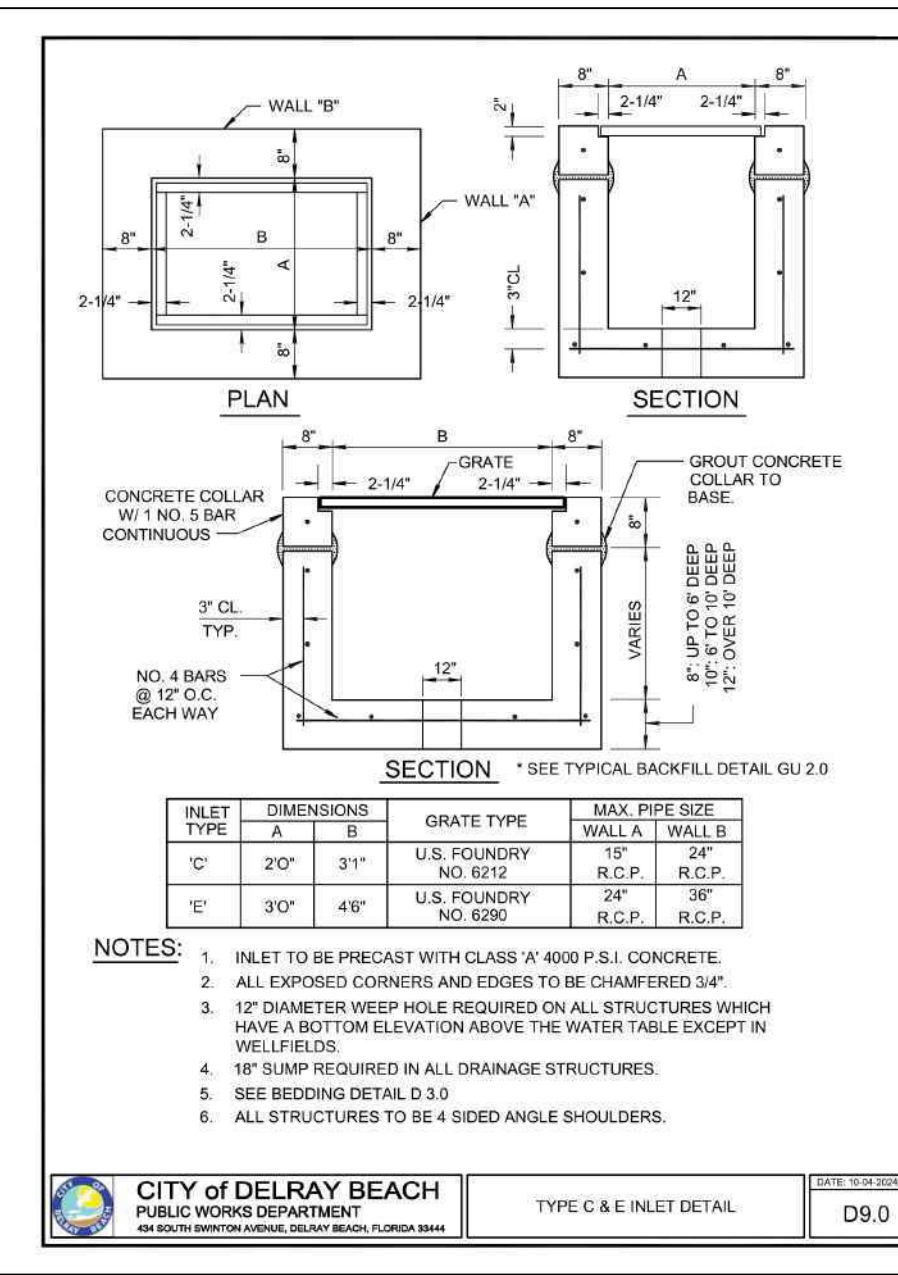
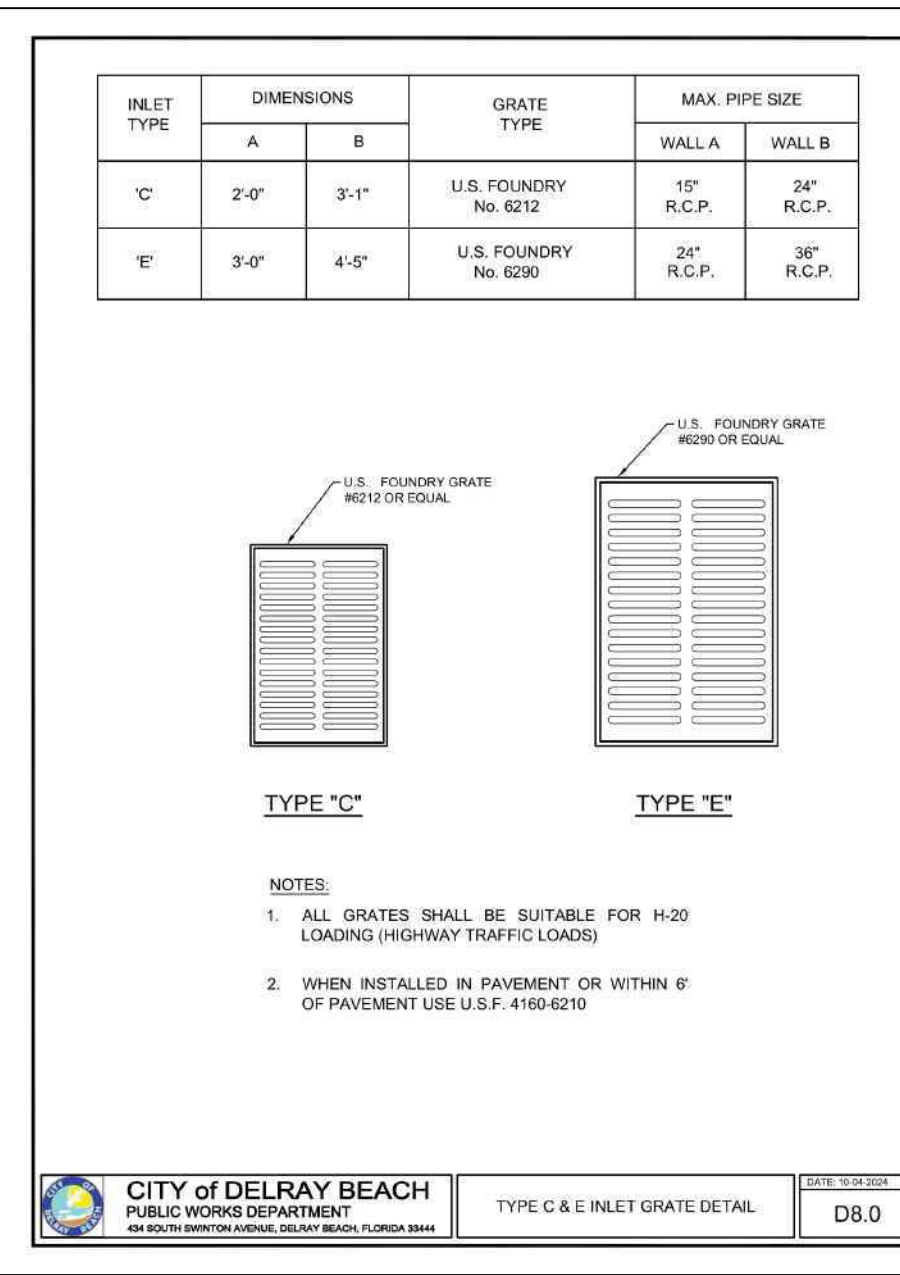
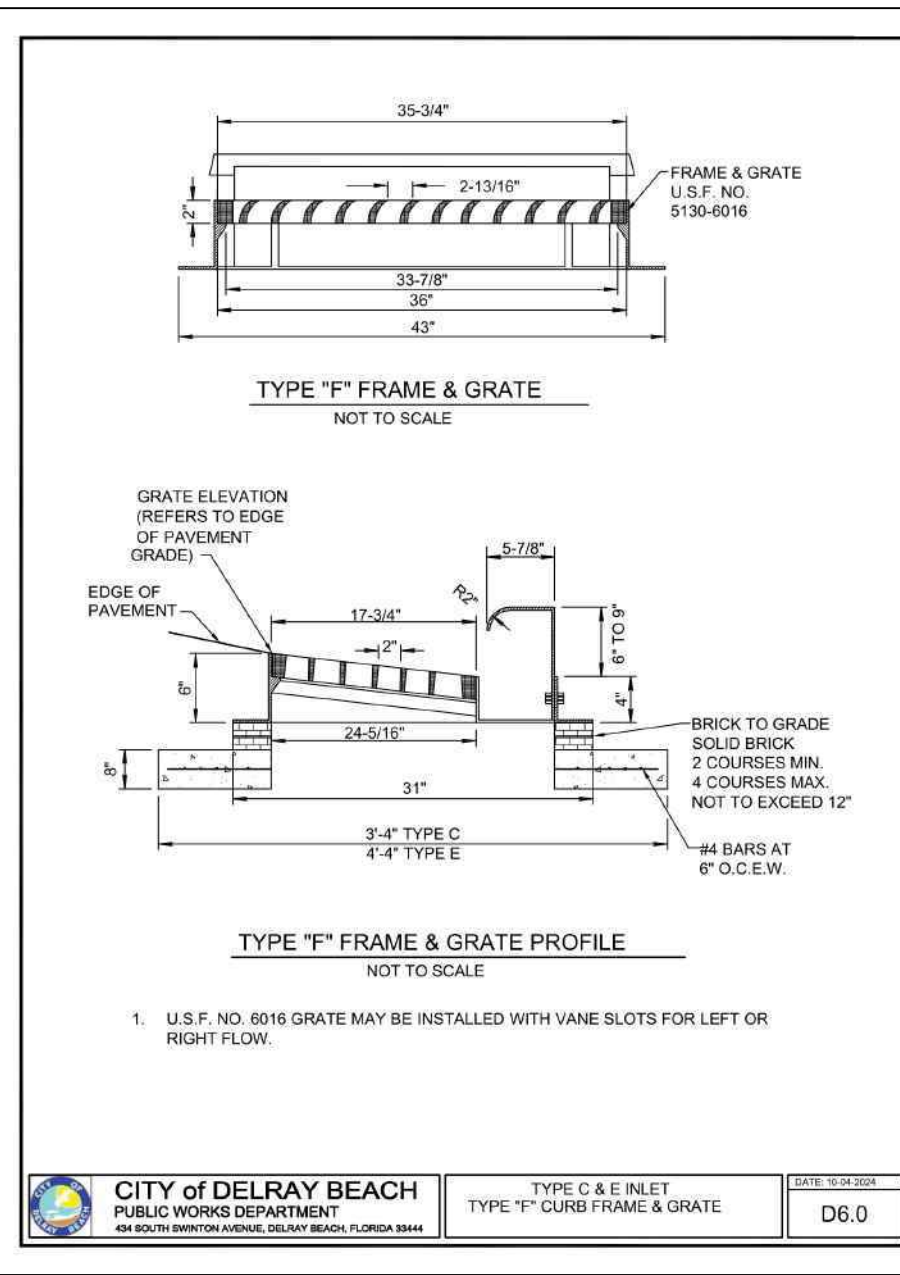
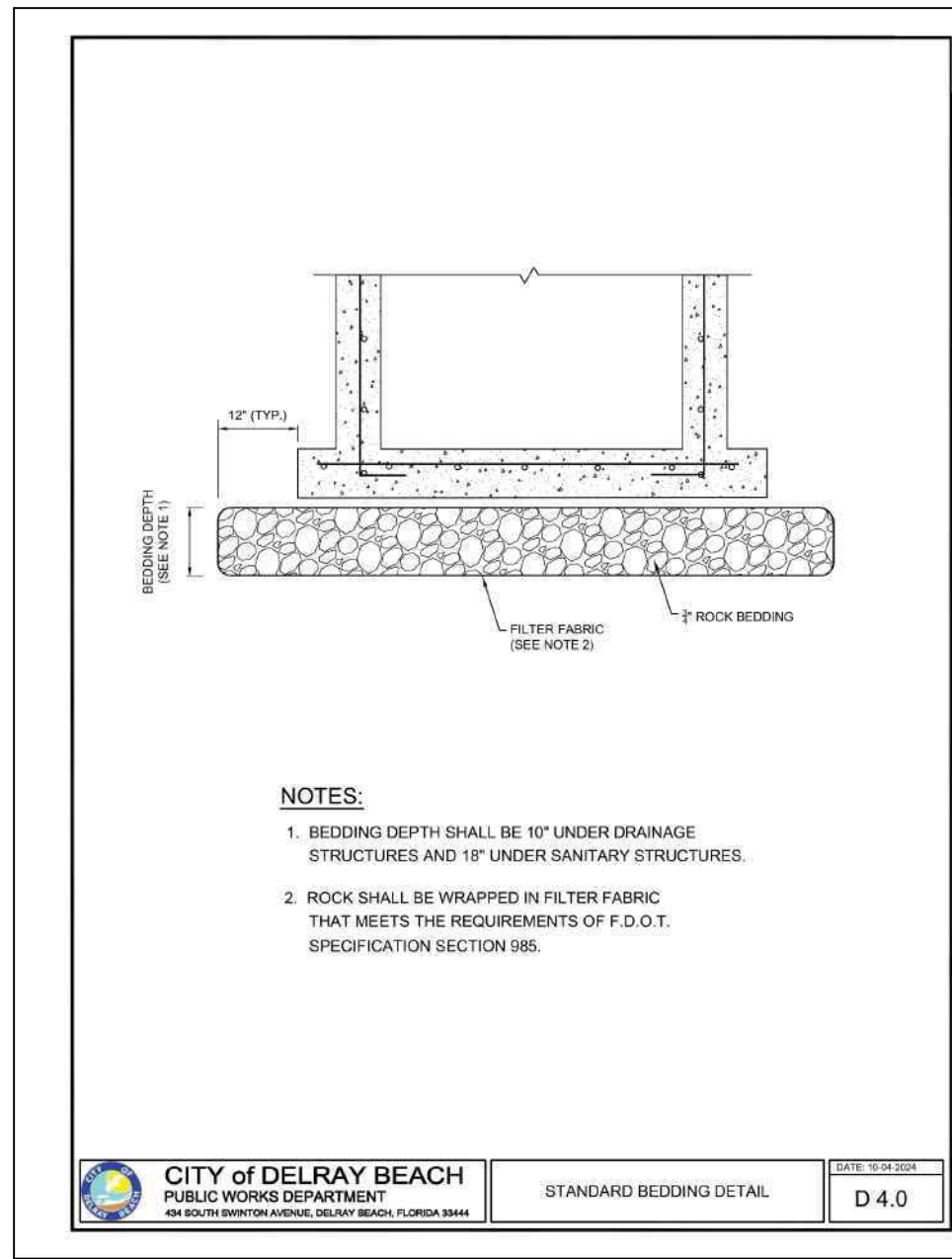
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LENNY'S CAR WASH
2210 N FEDERAL HWY
DELRAY BEACH, FLORIDA

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3	6/23/26	NO CHANGES

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PAVING & DRAINAGE DETAILS FOR:
LENNY'S CAR WASH
2210 N FEDERAL HWY
DELRAY BEACH, FLORIDA

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25082-DTL

SHEET NO.
4 OF 7

PAVING, GRADING AND DRAINAGE NOTES	
1. ALL PAVING AND DRAINAGE WORK IN THE PALM BEACH COUNTY (PBC) RIGHT-OF-WAY SHALL BE CONSTRUCTED IN FULL ACCORDANCE WITH THE PBC LATEST STANDARDS. ALL PAVING AND DRAINAGE WORK IN THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) RIGHT-OF-WAY SHALL BE CONSTRUCTED IN FULL ACCORDANCE WITH THE FDOT LATEST STANDARDS.	11. ASPHALTIC CONCRETE SURFACE COURSE SHALL BE IN ACCORDANCE WITH SECTION 334 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE THICKNESS OF THE SURFACE COURSE SHALL BE AS SHOWN ON THE DETAILED DRAWINGS.
2. COMPACTED SUBGRADE SHALL BE COMPACTED AND MEET THE DENSITY REQUIREMENTS AS DETERMINED BY THE AASHTO T-180 SPECIFICATIONS. SUBGRADE SHALL EXTEND 12 INCHES BEYOND THE PROPOSED EDGE OF PAVEMENT AND/OR 6" BEYOND VALLEY GUTTER, TYPE "F" CURB & GUTTER, OR TYPE "D" CURB. SUBGRADE SHALL BE 12 INCHES THICK COMPACTED TO 98% ACCORDING TO AASHTO T-180. ALL MUCK, STUMPS, ROOTS OR OTHER DELETERIOUS MATTER ENCOUNTERED IN THE PREPARATION OF THE SUBGRADE SHALL BE REMOVED COMPLETELY FROM THE CENTERLINE OF THE ROADWAY TO A WIDTH OF TEN FEET BEYOND THE EDGE OF PAVEMENT. IF SUBGRADE IS REQUIRED TO BE STABILIZED, THE REQUIRED BEARING VALUE DETERMINATIONS SHALL BE MADE BY THE FLORIDA BEARING TEST, TEST METHOD "C" OF AASHTO T-180 SPECIFICATIONS.	12. ALL CONCRETE SHALL DEVELOP 2500 p.s.i. (MINIMUM) 28 DAY COMPRESSIVE STRENGTH OR GREATER WHERE NOTED ON PLANS. CLASS NS CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 346 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. CLASS NS CONCRETE USED AS PAVING SHALL DEVELOP 3000 p.s.i. (MINIMUM) 28 DAYS. COMPRESSIVE STRENGTH.
3. SHELLROCK BASE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 200 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE THICKNESS OF THE SHELLROCK BASE SHALL BE AS SHOWN ON THE DETAIL DRAWINGS AND SHALL BE COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. THE SHELLROCK SHALL HAVE A MINIMUM OF 50% CARBONATES OF CALCIUM AND MAGNESIUM IN THE MATERIAL PER TABLE 911-3.	13. PAVEMENT TRAFFIC STRIPES AND MARKINGS SHALL BE IN ACCORDANCE WITH CITY OF DELRAY BEACH CURRENT STANDARDS AND/OR MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND/OR PALM BEACH COUNTY TRAFFIC DEPARTMENT TYPICAL T-P-24, WHERE APPLICABLE.
4. LIMEROCK BASE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 200 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE THICKNESS OF THE LIMEROCK BASE SHALL BE AS SHOWN ON THE DETAILED DRAWINGS AND SHALL BE COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. THE LIMEROCK SHALL HAVE A MINIMUM OF 70% CARBONATES OF CALCIUM AND MAGNESIUM IN THE MATERIAL PER TABLE 911-3.	14. SEQUENCE OF CONSTRUCTION – THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATIONS OF EVERY KIND THAT ARE BENEATH THE PAVEMENT, SHALL BE IN PLACE AND HAVE PROPER DENSITY PRIOR TO THE CONSTRUCTION AND COMPACTION OF THE SUBGRADE.
5. MUCK AND PEAT – IF MUCK AND/OR PEAT ARE ENCOUNTERED IN THE ROAD OR PARKING AREA, THEY WILL BE REMOVED COMPLETELY TO A WIDTH OF TEN FEET BEYOND THE EDGE OF PAVEMENT AND SHALL BE BACKFILLED WITH GRANULAR MATERIAL. IF HARDPAN IS ENCOUNTERED IN THE SWALE AREA, IT WILL REMOVED TO A WIDTH OF TWO FEET AT THE SWALE INVERT AND REPLACED WITH GRANULAR MATERIAL.	15. INLETS AND MANHOLES – ALL INLETS AND MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FDOT SPECIFICATIONS, LATEST EDITION, AND FDOT STANDARD PLANS FOR ROAD CONSTRUCTION, LATEST EDITION, AND PBC STANDARDS LATEST EDITION, WHERE APPLICABLE.
6. WHERE SOD IS DESIRED, LOWER THE GRADE 2 INCHES BELOW THE FINISHED GRADE TO ALLOW FOR THE THICKNESS OF THE SOD.	16. GRATE ELEVATIONS REFER TO THE FLOWLINE OF THE GRATE.
7. CLEARING AND GRUBBING – WITHIN THE LIMITS OF CONSTRUCTION ALL VEGETATION AND ROOT MATERIAL SHALL BE REMOVED.	17. GRADES SHOWN ARE FINISHED GRADES.
8. GUMBO – WHERE GUMBO OR OTHER PLASTIC CLAYS ARE ENCOUNTERED, THEY SHALL BE REMOVED WITHIN THE ROADWAY AND PARKING AREAS ONE FOOT BELOW THE SUBGRADE EXTENDING HORIZONTALLY TO THE OUTSIDE EDGE OF THE SHOULDER AREA.	18. EXISTING AVERAGE ROAD CROWN ELEVATION = 14.0' N.A.V.D.
9. PRIME COAT SHALL BE IN ACCORDANCE WITH SECTION 300 OF THE FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. PRIME COAT SHALL BE APPLIED PER SECTION 300-3.	19. REINFORCED CONCRETE PIPE – THE PIPE SHALL CONFORM WITH THE REQUIREMENTS OF CLASS III OF ASTM C-76 AND WITH THE FDOT SPECIFICATIONS, LATEST EDITION.
10. TACK COAT SHALL BE IN ACCORDANCE WITH SECTION 300 OF THE FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. TACK COAT SHALL BE APPLIED PER SECTION 300-8.	20. CORRUGATED ALUMINUM PIPE SHALL MEET THE REQUIREMENTS OF AASHTO M196 AND SECTIONS 125, 430 AND 945 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
	21. MEASUREMENT OF THE LENGTH OF PIPE SHALL BE FROM THE CENTER OF THE STRUCTURE TO THE CENTER OF THE STRUCTURE.
	22. PIPE BACKFILL – REQUIREMENTS FOR PIPE BACKFILL CROSSING ROADS OR PARKING AREAS SHALL BE DEFINED IN THE FDOT SPECIFICATIONS, LATEST EDITION. PIPELINE BACKFILL SHALL BE PLACED IN SIX INCH LIFTS AND COMPACTED TO 100% OF THE STANDARD PROCTOR (AASHTO) T-99 SPECIFICATIONS.
	23. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THREE (3) CERTIFIED COPIES OF A CHEMICAL AND SIEVE ANALYSIS OF THE SHELL ROCK BY A STATE OF FLORIDA CERTIFIED LAB WHEN CONSTRUCTING A SHELL ROCK BASE FOR ROADWAY.
	24. PRIOR TO CERTIFICATION OF THE DRAINAGE SYSTEM, THE CONTRACTOR MUST PUMP DOWN AND LAMP THE DRAINAGE SYSTEM FOR INSPECTION BY THE ENGINEER AFTER FINISHED ROCK FOR THE ROADWAYS HAS BEEN INSTALLED.

GENERAL NOTES	
1. CONTRACTOR SHALL PROTECT ALL PERMANENT REFERENCE MONUMENTS AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID SURVEY MARKERS DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF PERMANENT REFERENCE MONUMENTS DISTURBED DURING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.	10. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL UTILITY.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UNDERGROUND UTILITIES WHETHER OR NOT SHOWN ON THE PLANS. UTILITIES SHOWN ON THE PLANS ARE FOR REFERENCE ONLY AND MAY NOT DEPICT ACTUAL LOCATIONS. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES FOR LOCATION AND DEPTH OF THEIR LINES PRIOR TO CONSTRUCTION.	11. ENVIRODESIGN ASSOC. INC. SHALL NOT BE RESPONSIBLE FOR THE SAFETY OF THE WORKERS OR THE GENERAL PUBLIC. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFETY TO THE WORKERS IN ACCORDANCE WITH OCCUPATIONAL SAFETY & HEALTH ADMINISTRATIONS (OSHA) REQUIREMENTS AND THE SAFETY OF THE GENERAL PUBLIC.
3. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FOR THE DEENERGIZING OF POWER LINES AND/OR HOLDING POWER POLES DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.	12. ALL MATERIALS AND WORKMANSHIP MUST BE IN ACCORDANCE WITH THE LOCAL UTILITY STANDARDS AND SPECIFICATIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FOR THE REPLACEMENT OF TRAFFIC LOOPS IF DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COAST TO THE OWNER.	13. THE CONTRACTOR SHALL CALL SUNSHINE 1-800-432-4770 OR 811 48 HOURS BEFORE DIGGING FOR FIELD LOCATIONS OF UNDERGROUND UTILITIES.
5. ALL ELEVATIONS REFER TO N.A.V.D. 1988. MINIMUM FINISHED FLOOR ELEVATION FOR ANY RESIDENTIAL STRUCTURE SHALL BE SET AT OR ABOVE ELEVATION 15.5' (WHICH IS ABOVE THE 100-YEAR FREQUENCY STORM & AVERAGE CROWN OF ROAD + 18").	14. CORRUGATED ALUMINUM PIPE USED BENEATH PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 945 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
6. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OR INSTALLATION AS REQUIRED BY THE ENGINEER OR BY THE APPROPRIATE GOVERNING AGENCIES.	15. ALL CONSTRUCTION ACTIVITY, INCLUDING TRENCHING, IS TO BE A MINIMUM OF SIX FEET FROM THE BASE OF ANY TREE THAT IS DESIGNATED TO REMAIN.
7. CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AND PAY FOR, AT NO ADDITIONAL COST TO THE OWNER, ALL NECESSARY PERMITS, FEES AND LICENSES.	16. ALL LIMEROCK AND BASE MATERIALS SHALL BE REMOVED FROM THE PLANTER AREAS/ISLANDS AND REPLACED WITH APPROPRIATE PLANTING SOIL PRIOR TO THE LANDSCAPING OF THE SITE.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR GIVING THE REQUIRED NOTICES AND COMPLYING WITH ALL PERMIT(S) CONDITIONS.	17. THE REMOVAL OF ANY TREE ON THE SITE IS PROHIBITED WITHOUT THE REQUIRED PERMITS.
9. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FOR THE HOLDING OF OTHER UTILITY POLES DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.	18. ALL MATERIALS AND CONSTRUCTION WITHIN THE FDOT RIGHT-OF-WAY SHALL CONFORM TO THE FDOT DESIGN MANUAL, FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND FDOT STANDARD PLANS FOR ROADWAY CONSTRUCTION (LATEST ED.).
	19. LANE CLOSURES WITHIN THE FDOT RIGHT-OF-WAY SHALL BE LIMITED TO THE HOURS OF 9AM-3PM, MONDAY-FRIDAY EXCLUDING GOVERNMENTAL HOLIDAYS. MAINTENANCE OF TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH THE 102 SERIES OF INDEXES OF THE FDOT STANDARD PLANS FOR ROAD CONSTRUCTION(LATEST ED.)

CITY OF DELRAY BEACH GENERAL NOTES	
DEFINITIONS 1. CITY: THE CITY OF DELRAY BEACH 2. CONTRACTOR: UTILITY CONTRACTOR AND ALL UTILITY SUBCONTRACTORS 3. ENGINEER: ENGINEER RESPONSIBLE FOR INSPECTION AND CERTIFICATION	18. CONTRACTOR SHALL NOTIFY SUNSHINE STATE ONE (1-800-432-4770) 48 HOURS IN ADVANCE OF CONSTRUCTION.
PROCEDURE 1. A PRE-CONSTRUCTION MEETING IS TO BE HELD PRIOR TO DELIVERY OF MATERIALS AND INITIATION OF ANY WATER, SEWER OR DRAINAGE CONSTRUCTION. THE MEETING SHALL BE ATTENDED BY THE CITY, CONTRACTOR, SUBCONTRACTORS, ENGINEER AND OTHER INTERESTED PARTIES. 2. ANY REVISIONS TO THE APPROVED PLANS MUST BE APPROVED BY THE CITY PRIOR TO THE PRE-CONSTRUCTION MEETING. 3. A MINIMUM OF THREE (3) COPIES OF THE CURRENT APPROVED PRODUCT LIST AND ALL NECESSARY SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO SCHEDULING THE PRE-CONSTRUCTION MEETING. ALL PIPE MANUFACTURERS SHALL SUBMIT THREE (3) COPIES OF AN AFFIDAVIT THAT THE PIPE AND COATINGS WERE MANUFACTURED IN ACCORDANCE WITH AWWA C151/A21.51-91. 4. ALL APPLICABLE PERMITS MUST BE OBTAINED WITH COPIES PROVIDED TO THE CITY PRIOR TO COMMENCEMENT OF CONSTRUCTION. 5. THE CONTRACTOR SHALL MAINTAIN A CURRENT APPROVED SET OF CONSTRUCTION DOCUMENTS ON SITE AT ALL TIMES. 6. ALL MATERIALS SUPPLIED SHALL CONFORM TO PRODUCT LIST AND SHOP DRAWINGS AS APPROVED BY THE CITY PRIOR TO CONSTRUCTION. ALL REQUESTS FOR MATERIAL SUBSTITUTION SHALL BE APPROVED PRIOR TO DELIVERY OF THESE MATERIALS TO THE JOB SITE. 7. THE LOCATION OF THE EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF OTHER UTILITIES (NOT SHOWN ON THE PLAN) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE CITY AND NOTIFY THE RESPECTIVE UTILITY OWNER TO RESOLVE. THE UTILITY CONFLICTS AND THE UTILITY ADJUSTMENTS AS REQUIRED. 8. PRIOR TO ANY SANITARY PLOT OR WATER MAIN TESTING, UNDER EXISTING OR FUTURE PAVEMENT, THE ROCK BASE SHALL BE FINISHED AND PRIMED OR FIRST LIFT OF PAVEMENT PLACED. 9. THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES THROUGHOUT THE DURATION OF CONSTRUCTION FOR THE PROTECTION OF EXISTING AND NEWLY INSTALLED UTILITIES FROM DAMAGE OR DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING SUCH MEASURES AS Rev. 12/2021 GN – 1 NECESSARY TO PROTECT THE HEALTH, SAFETY, AND WELFARE OF THOSE PERSONS HAVING ACCESS TO THE WORK SITE. 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING LOCATIONS OF ALL OTHER UTILITY FACILITIES. 11. THE CONTRACTOR SHALL SCHEDULE INSPECTIONS AND TESTS WITH THE CITY A MINIMUM OF 24 HOURS IN ADVANCE. 12. CONTRACTOR SHALL NOT DISTURB EXISTING CITY MAINS OR STRUCTURES WITHOUT THE PRESENCE OF A CITY INSPECTOR. CITY UTILITY SYSTEM VALVES AND APPURTENANCES MAY ONLY BE OPERATED BY CITY PERSONNEL. 13. FACILITIES PROPOSED HEREIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS. DEVIATIONS FROM THE APPROVED PLANS MUST BE APPROVED IN ADVANCE BY THE CITY. 14. UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF THE WORK, A FINAL INSPECTION SHALL VERIFY PROPER ADHERENCE TO ALL FACETS OF THE PLANS AND SPECIFICATIONS. 15. PAVING, DRAINAGE AND TRAFFIC CONSTRUCTION SHALL CONFORM TO FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND DESIGN STANDARDS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND PALM BEACH COUNTY TYPICAL T-3-89-004-PS (LATEST REVISION) UNLESS SHOWN OTHERWISE. 16. AS-BUILT DRAWINGS SHALL BE PREPARED BY A REGISTERED LAND SURVEYOR, REGISTERED IN THE STATE OF FLORIDA, AND SUBMITTED BY THE CONTRACTOR TO THE CITY. AS THE WORK PROGRESSES, THE ENGINEER OF RECORD (OR THEIR REPRESENTATIVE) SHALL RECORD ON ONE SET OF DRAWINGS THE LOCATION INCLUDING STATION AND OFFSET WITH SUFFICIENT DIMENSIONS AND DISTANCES TO ADEQUATELY DESCRIBE THE LOCATION OF THE IMPROVEMENT FROM THE BASELINE. ELEVATIONS ARE TO BE PROVIDED AT THE TOP OF PIPE AT INCREMENTS OF EVERY 100 FEET ON ALL WATER AND FORCE MAINS. STATIONING IS REQUIRED ON ALL VALVES, FITTINGS, WATER AND SEWER SERVICES AND FIRE HYDRANTS. THE LENGTHS OF ALL WATER SERVICE LINES AND SEWER LATERALS MUST BE NOTED ON GRAVITY SEWER LINES, ELEVATIONS AND STATIONING ARE TO BE INDICATED ON ALL MANHOLE RIMS AND INVERTS. THE DISTANCE BETWEEN MANHOLES IS TO BE SHOWN BOTH THE PLAN AND PROFILE SHEETS UNLESS PLAN VIEW AND PROFILE VIEW ARE ON THE SAME SHEET. THE ENGINEER OF RECORD IS TO SUBMIT TWO SETS OF BLUE PRINT RECORD OR AS-BUILT DRAWINGS AND ONE MYLAR TO THE ENGINEERING DEPARTMENT ALONG WITH THE HEALTH DEPARTMENT APPLICATION FOR RELEASE OF THE SYSTEM. ALL "AS-BUILT DRAWINGS" SHALL BE SIGNED SEALED AND DATED BY THE ENGINEER OF RECORD. CERTIFICATE OF OCCUPANCY WILL BE HELD UNTIL ACCEPTANCE BY HRS AND THE DEVELOPMENT SERVICES ENGINEERING DEPARTMENT. PAVING & DRAINAGE AS-BUILT DRAWINGS SHALL INCLUDE RIM ELEVATIONS, INVERT ELEVATIONS, PIPE SIZES, CONTROL STRUCTURE DIMENSIONS, AS WELL AS, AS-BUILT ELEVATIONS AS EVERY LOCATION A PROPOSED ELEVATION IS INDICATED ON THE CONSTRUCTION PLAN, ADEQUATE AS-BUILT ELEVATIONS SHALL BE PROVIDED ON EMBANKMENTS TO DETERMINE COMPLIANCE WITH MAXIMUM SLOPE REQUIREMENTS. 17. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553-851 FOR PROTECTION OF UNDERGROUND GAS PIPE LINES. Rev. 12/2021 GN – 2	18. GRADES SHOWN ON PLANS ARE FINISHED GRADES. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST EXISTING SANITARY SEWER MANHOLE TOPS AND VALVE BOX COVERS TO FINISHED GRADE. 19. CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES DURING CONSTRUCTION AND SHALL BE REQUIRED TO PROVIDE ALL BARRICADES, LIGHTING, SIGNAGE AND FLAGMEN AS NECESSARY TO PROVIDE FOR THE SAFETY OF THE PUBLIC IN THE WORK AREA. THE CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC MAINTENANCE PLAN PRIOR TO CONSTRUCTION. 20. EXISTING BASE MATERIAL THAT IS REMOVED DURING CONSTRUCTION SHALL NOT BE USED IN THE CONSTRUCTION OF NEW LIMEROCK BASE. 21. ALL VEGETATION, DEBRIS, CONCRETE OR OTHER UNSUITABLE MATERIAL SHALL BE LEGALLY DISPOSED OF OFF-SITE IN AN AREA AT THE CONTRACTORS EXPENSE. 22. CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES, SUCH AS TURBIDITY SCREENS, CURTAINS AND FLOATING SILT BARRIERS WHERE NECESSARY IN ORDER TO COMPLY WITH ALL STATE AND LOCAL WATER QUALITY STANDARDS. 23. PRIOR TO AND DURING CONSTRUCTION OF ALL SITES, THE PERMITEE SHALL IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES INCLUDED IN A POLLUTION PREVENTION PLAN PROVIDED TO THE CITY OF DELRAY BEACH. 24. ALL REINFORCED CONCRETE STORM SEWER PIPE SHALL BE CLASS III, UNLESS OTHERWISE NOTED. 25. ALL PAVED SURFACES SHALL BE PROPERLY MARKED PRIOR TO HOURS OF DARKNESS. PERMANENT PAVEMENT MARKING STALLS SHALL BE LAID OUT USING MARKING CHALK. LAYOUT TO BE REVIEWED BY THE CITY PRIOR TO PLACEMENT OF FINAL MARKING. 26. EMBANKMENT (FILL) AND EXCESS MATERIAL REQUIRED FOR ROADWAY RECONSTRUCTION AND UTILITY INSTALLATIONS SHALL BE SUPPLIED AND/OR DISPOSED OF BY THE CONTRACTOR. ALL COSTS ASSOCIATED WITH EARTHWORK REQUIREMENTS TO COMPLETE THE ROADWAY RECONSTRUCTION AND UTILITY IMPROVEMENTS SHALL BE INCLUDED IN THE COSTS OF OTHER APPROPRIATE PAY ITEMS. 27. CONTINUITY OF WATER AND SEWER SERVICE TO CITY UTILITY CUSTOMERS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THIS PROJECT. IF A BREAK IN SERVICE IS UNAVOIDABLE TO ACCOMMODATE CONNECTION OF NEW FACILITIES, IT SHALL BE SCHEDULED FOR OFF PEAK HOURS WITH THE CITY. DETERMINATION OF SERVICE BREAK REQUIREMENT WILL BE MADE BY THE CITY. 28. SITE INFORMATION BASED ON A SURVEY PREPARED BY: SURVEYOR 29. THE EXTENT OF ROAD CONSTRUCTION WORK TO BE COMPLETED BY THE CONTRACTOR, WITHIN THE RAILROAD RIGHT-OF-WAY SHALL BE DETERMINED BY THE CITY AND COORDINATED WITH THE FLORIDA EAST COAST RAILWAY COMPANY AT THE TIME OF CONSTRUCTION. Rev. 12/2021 GN – 3 30. RELOCATION OF UTILITY POLES AND GAS PIPE LINES SHALL BE COORDINATED BY THE CONTRACTOR WITH FLORIDA POWER AND LIGHT, AND FLORIDA PUBLIC UTILITIES, RESPECTIVELY. EACH UTILITY HAS BEEN NOTIFIED THAT THEY WILL BE REQUIRED TO RELOCATE THEIR UTILITIES. 31. ALL CITY OF DELRAY BEACH STANDARD DETAILS INCLUDED IN THE CIVIL PLANS PREPARED BY ENVIRODESIGN ASSOCIATES, INC. HAVE NOT BEEN MODIFIED FROM THEIR ORIGINAL CONTENT. 32. CONTRACTOR TO FIELD VERIFY EXACT LOCATION, SIZE, AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO ENVIRODESIGN ASSOCIATES, INC 33. NO PROPOSED IMPROVEMENTS, BUILDINGS OR ANY KIND OF CONSTRUCTION CAN BE PLACED ON OR WITHIN ANY WATER, SEWER OR DRAINAGE EASEMENTS, UNLESS APPROVED BY THE CITY OF DELRAY BEACH CITY ENGINEER. 34. NO PROPOSED STRUCTURES SHALL BE INSTALLED WITHIN A HORIZONTAL DISTANCE OF 10- FEET FROM ANY EXISTING OR PROPOSED WATER, SEWER OR DRAINAGE FACILITIES, UNLESS APPROVED BY THE CITY OF DELRAY BEACH CITY ENGINEER. 35. ALL SIDEWALKS TO BE CONSTRUCTED IN ACCORDANCE WITH ADA REQUIREMENTS. ALL SIDEWALKS NOT TO EXCEED 1:48 CROSS-SLOPE AND 1:20 RUNNING SLOPES. ALL RAMPS NOT TO EXCEED 1:48 CROSS-SLOPE AND 1:12 RUNNING SLOPES WITH MAXIMUM RISE AND RUNS PER ADA REQUIREMENTS WITH RAILINGS WHERE NEEDED. LANDINGS WITH 1:48 CROSS- AND RUNNING-SLOPES ARE TO BE PROVIDED AT TOPS AND BOTTOMS OF ALL RAMPS. 36. CITY OF DELRAY BEACH UTILITY DIVISION MUST BE CONTACTED AT LEAST 48 HOURS PRIOR TO ANY SHUTDOWN AND/OR REMOVAL OF EXISTING WATER MAIN OR SANITARY SEWER LINES AT 561-243-7312. 37. THE EXISTING SANITARY SEWER LINE MUST BE TELEVIEWED PRIOR TO AND AFTER ANY SANITARY SEWER SERVICE CONNECTION, REMOVAL AND/OR ABANDONMENT. 38. UPON APPROVAL AND RECEIPT OF PERMIT, THE CONTRACTOR SHALL CONTACT THE CITY OF DELRAY BEACH DEPUTY DIRECTOR OF CONSTRUCTION AT 561-243-7320 TO SCHEDULE A PRECONSTRUCTION MEETING PRIOR TO STARTING ANY SITE WORK. 39. ALL WATER METER SIZES TO BE DETERMINED BY PLUMBING ENGINEERING OF RECORD AND SHALL BE CHECKED AND AUTHORIZED BY CITY OF DELRAY BEACH UTILITIES DIVISION. 40. ALL CITY OF DELRAY BEACH 2016 STANDARD DETAILS INCLUDED IN THIS SET OF PLANS AND DETAILS HAVE NOT BEEN MODIFIED FROM THEIR ORIGINAL CONTENT.

ENGINEER'S CERTIFICATE OF COMPLETION

As a registered professional engineer in the State of Florida, to the best of my knowledge, information, and belief, it is my professional opinion that the required improvements for _____ (project name) _____ based on field reviews under my responsible charge, have been constructed in substantial accordance with the approved construction plans and the Land Development Regulations of the City of Delray Beach, Florida, in effect on the date of plan approval. Attached, as itemized below, are copies of measurements, tests and reports made on the work and materials during the progress of construction, along with a Record Drawing copy of each of the construction plans on a high quality, time-stable, reproducible mylar, showing the original design in comparison to the actual finished work with all material deviations noted thereon. In my professional opinion, the deviations, if any, noted will not impair the intended functioning of the required improvement. Attachments to this completion statement are as follows:

(Reports, measurements, test results, reproducible mylars and sealed record drawing prints shall be listed, and submitted with the certification.)

(signature)

Dated: _____

(Seal)

Address: _____

C-14

REV. 10/2024

RESERVED FOR AGENCY APPROVAL STAMP

NOT VALID WITHOUT ENGINEER'S SEAL

JOSEPH A. PIKE, P.E.,FL REG # 42696

JOSEPH A. PIKE, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 42696
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSEPH A. PIKE ON THE DATE INDICATED HERE. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

BY:	NO.	DATE:	REVISIONS:	NO.	DATE:
BAB	1	2/17/26	NO CHANGES		
BAB	2	5/15/26	NO CHANGES		
BAB	3	6/23/26	NO CHANGES		

"NOT FOR CONSTRUCTION"

GENERAL NOTES FOR:
LENNY'S CAR WASH
2210 N FEDERAL HWY
DELRAY BEACH, FLORIDA

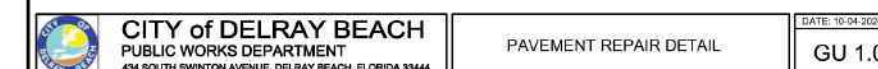
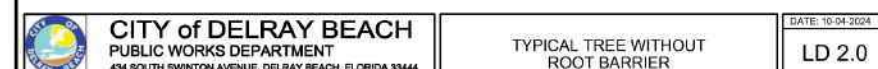
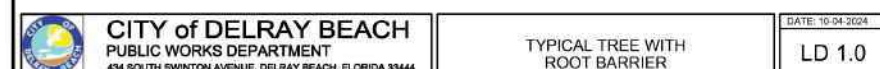
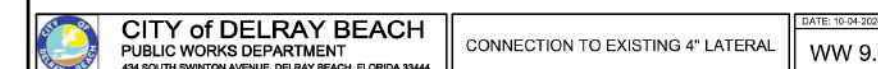
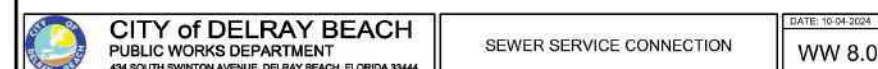
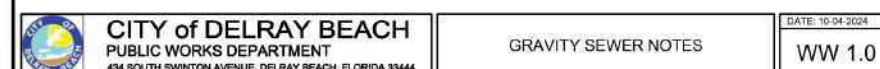
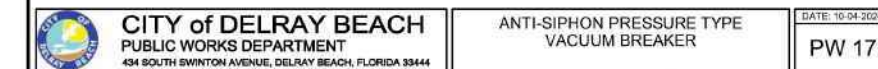
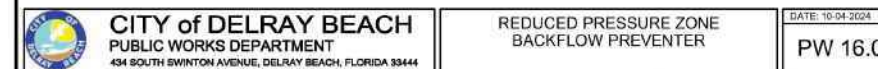
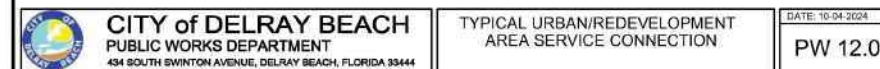
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B.A.B.
CHECKED:
J.A.P.
DATE:
06/23/26
JOB NO.
25082-DTL
SHEET NO.
5 OF 7



Know what's below.
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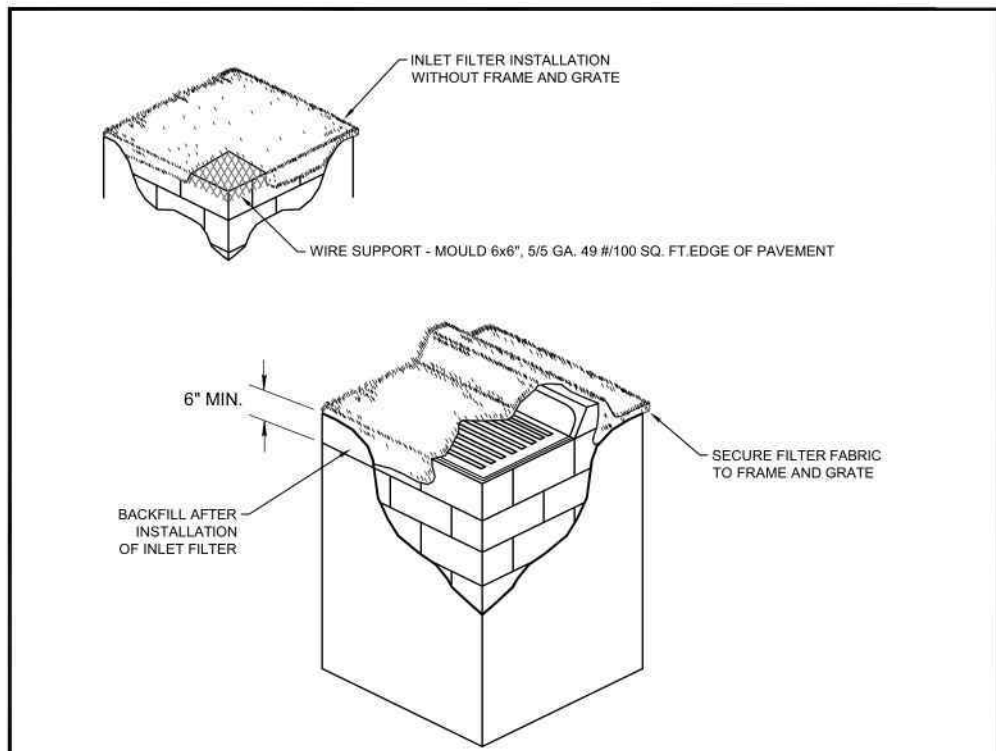


JOSEPH A. PIKE, P.E., FL REG # 42696

NO.	DATE:	REVISIONS:	BY:
1	2/17/26	NO CHANGES	BAG
2	5/15/26	NO CHANGES	BAG
3	6/23/26	NO CHANGES	BAG

WATER & WASTEWATER DETAILS FOR:
LENNY'S CAR WASH
2210 N FEDERAL HWY
DELRAY BEACH, FLORIDA

DRAWN: B.A.B.
CHECKED: J.A.P.
DATE: 06/23/26
JOB NO. 25082-DTL
SHEET NO. 6 OF 7

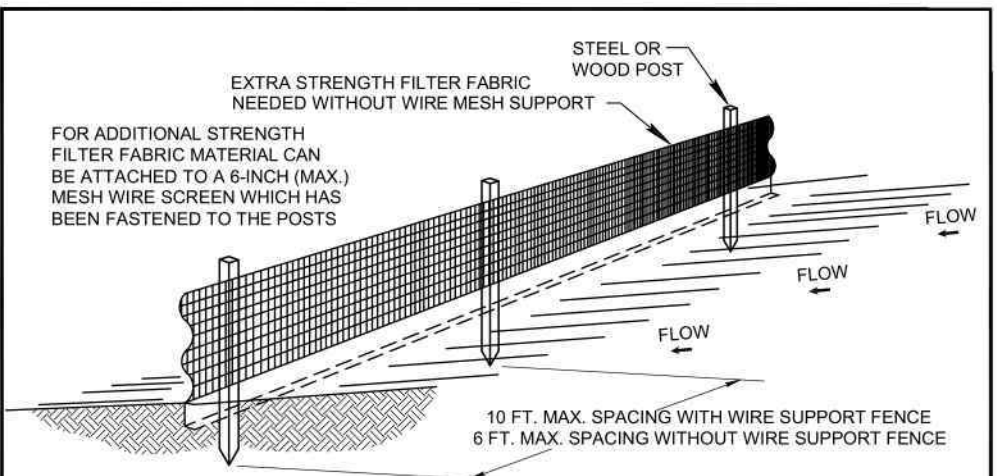


- NOTES:
- CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
 - CONTRACTOR TO REMOVE FABRIC JUST PRIOR TO PAVING.

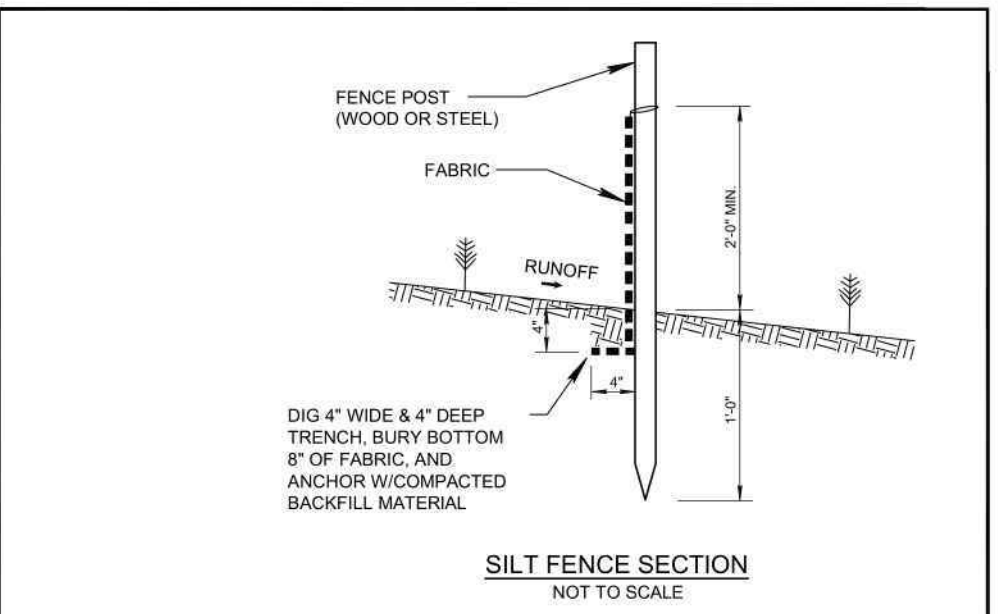
A SEDIMENT TRAP WILL BE EXCAVATED BEHIND THE CURB AT THE INLET. THE BASIN SHALL BE AT LEAST 12 TO 14 INCHES IN DEPTH, APPROXIMATELY 36 INCHES IN WIDTH, AND APPROXIMATELY 7 TO 10 FEET IN LENGTH PARALLEL TO THE CURB.

STORM WATER WILL REACH THE SEDIMENT TRAP VIA CURB CUTS ADJACENT TO EACH SIDE OF THE INLET STRUCTURE. THESE OPENINGS SHALL BE AT LEAST 12 INCHES IN LENGTH. STORM WATER MAY ALSO REACH THE BASIN VIA OVERLAND FLOW LAND AREA BEHIND THE CURB. THE CURB CUTS SHALL BE REPAIRED WHEN THE SEDIMENT TRAP IS REMOVED.

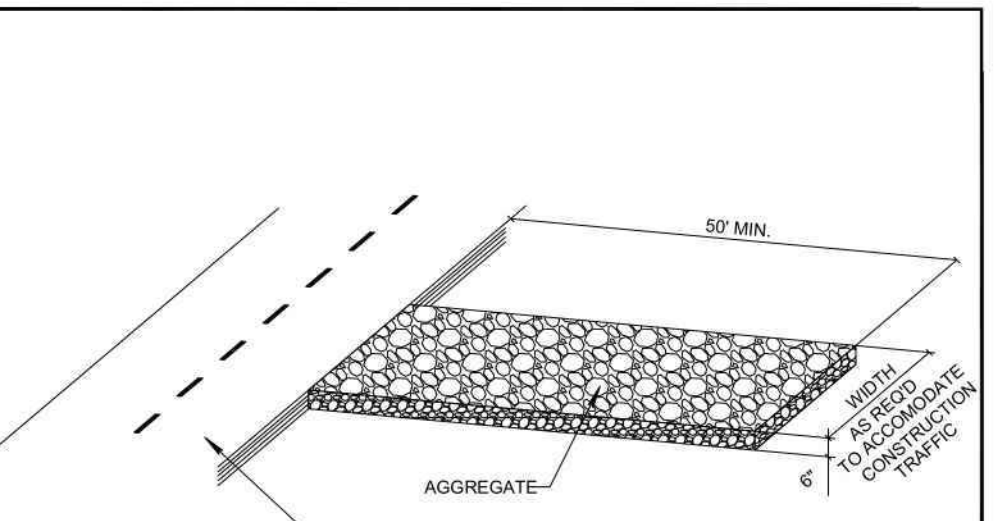
- THE INTENT OF EROSION CONTROL MEASURES INDICATED GRAPHICALLY ON PLANS IS TO PROVIDE A BARRIER TO CONTAIN SILT AND SEDIMENT ON THE PROJECT SITE. THIS REPRESENTATION IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE TEST OF EROSION CONTROL EFFECTIVENESS IS NOT TO BE DETERMINED BY ADHERENCE TO THE REPRESENTATION SET FORTH ON THE DRAWINGS AND SPECIFICATIONS, BUT BY MEETING THE REGULATIONS SET FORTH BY THE AUTHORITY HAVING JURISDICTION OVER WATER QUALITY CONTROL AND OTHER SEDIMENTATION RESTRICTION REQUIREMENTS IN THE REGION.
- APPROVED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING, GRADING, EXCAVATION, FILLING, OR OTHER LAND DISTURBANCE ACTIVITIES, EXCEPT THOSE OPERATIONS NEEDED TO INSTALL SUCH MEASURES.
- INSPECTION OF ALL EROSION CONTROL MEASURES SHALL BE CONDUCTED WEEKLY, OR AFTER EACH RAINFALL EVENT. REPAIR AND/OR REPLACEMENT OF SUCH MEASURES SHALL BE MADE PROMPTLY, AS NEEDED.
- KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED IF DEEMED NECESSARY BY ONSITE INSPECTION.
- FAILURE TO PROPERLY INSTALL AND MAINTAIN EROSION CONTROL PRACTICES SHALL RESULT IN CONSTRUCTION BEING HALTED.
- DRAINAGE INLETS SHALL BE PROTECTED BY FILTER AND GRADED ROCK AS PER INLET PROTECTION DETAIL.
- ANY ACCESS ROUTES TO SITE SHALL BE BASED WITH CRUSHED STONE, WHERE PRACTICAL.
- EROSION CONTROL MEASURES ARE TO BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED.
- ALL WORK IS TO BE IN COMPLIANCE WITH THE RULES AND REGULATIONS SET FORTH BY THE STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE CITY OF DELRAY BEACH.
- DISCHARGE FROM DEWATERING OPERATIONS SHALL BE RETAINED ONSITE IN A CONTAINMENT AREA.



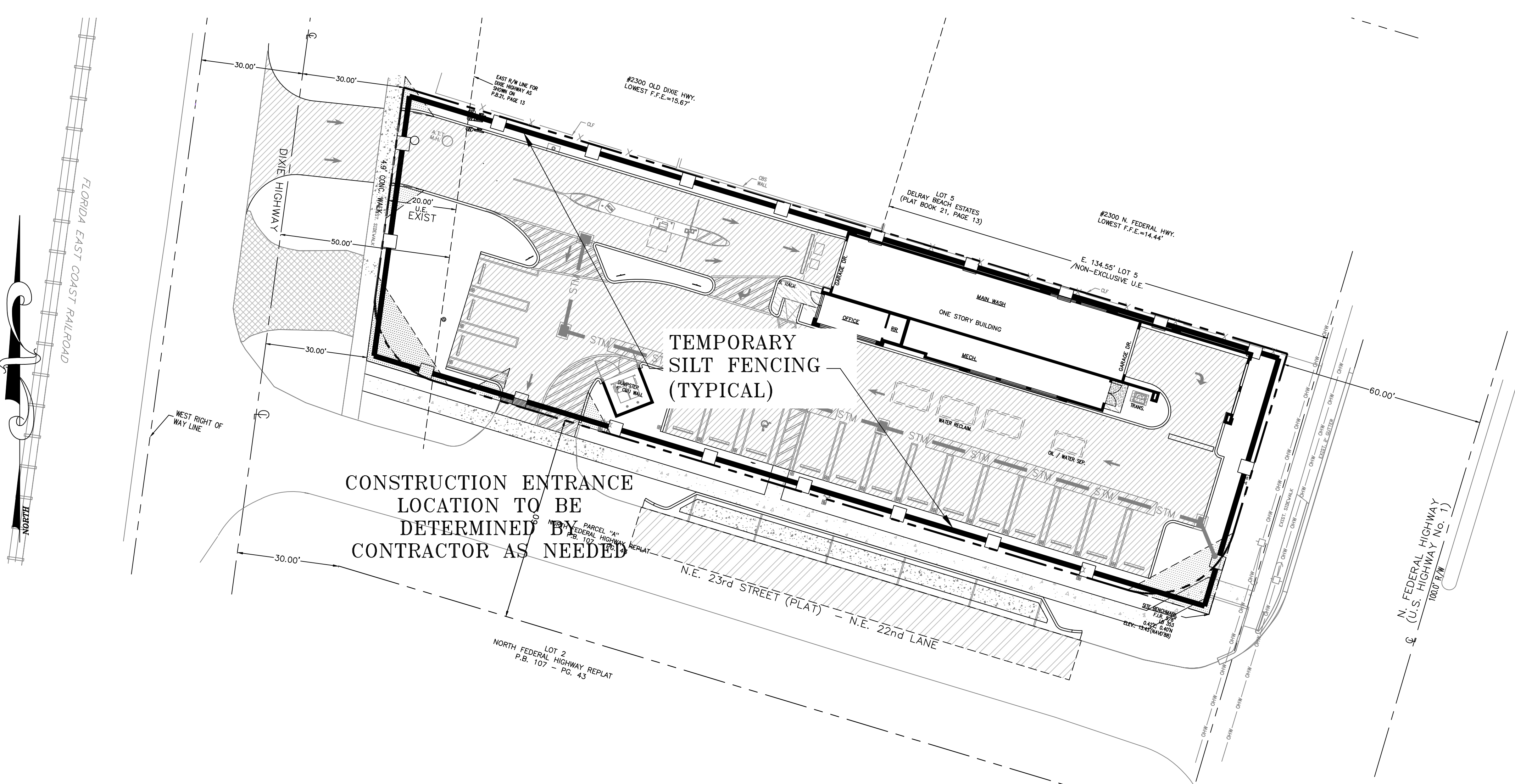
- NOTES:
- THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES.
 - THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS.
 - POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 10 INCHES. WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
 - A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
 - WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG. THE WIRES, OR HOOK RINGS, THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
 - THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
 - THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
 - ALL PROJECTS REQUIRE SUBMITTAL OF POLLUTION PREVENTION PLAN (PPP).
 - ALL PROJECTS 1 AC. OR MORE MUST SUBMIT NOTICE OF INTENT (NOI) TO FDP.



- NOTES:
- PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
 - ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
 - DRIVE BOTH POSTS ABOUT 18 INCHES INTO THE GROUND AND BURY FLAP.
- ATTACHING TWO SILT FENCES
NOT TO SCALE



- NOTE:
- A CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AND CONTAIN AN AGGREGATE LAYER (FOOT AGGREGATE NO. 1), AT LEAST 6-INCHES THICK. IT MUST EXTEND TO THE WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA.



NOTE: CONTRACTOR TO FIELD VERIFY EXACT LOCATION, SIZE, AND ELEVATION OF ALL IMPROVEMENTS AT TIME OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO ENVIRODESIGN ASSOCIATES, INC.



CALL 48 HOURS BEFORE YOU DIG.

IT'S THE LAW
1-800-432-4770

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

SCALE: 1" = 20'

0 10 20 30 40

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SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

NO.	DATE:	REVISIONS:
1	2/17/26	REVISION PER CITY COMMENTS
2	5/15/26	NO CHANGES
3	6/23/26	NO CHANGES

"NOT FOR CONSTRUCTION"

POLLUTION PREVENTION PLAN FOR:
LENNY'S CAR WASH
2210 N FEDERAL HWY
DELRAY BEACH, FLORIDA

ENGINEERS • ENVIRONMENTAL CONSULTANTS
EnviroDesign Associates Inc.
www.envirodesign.com

FLORIDA CERTIFICATE OF AUTHORIZATION No. 6506
1855 Dr Andres Way, Delray Beach, Florida 33445
Phone: (561) 274-8558 Fax: (561) 274-8558

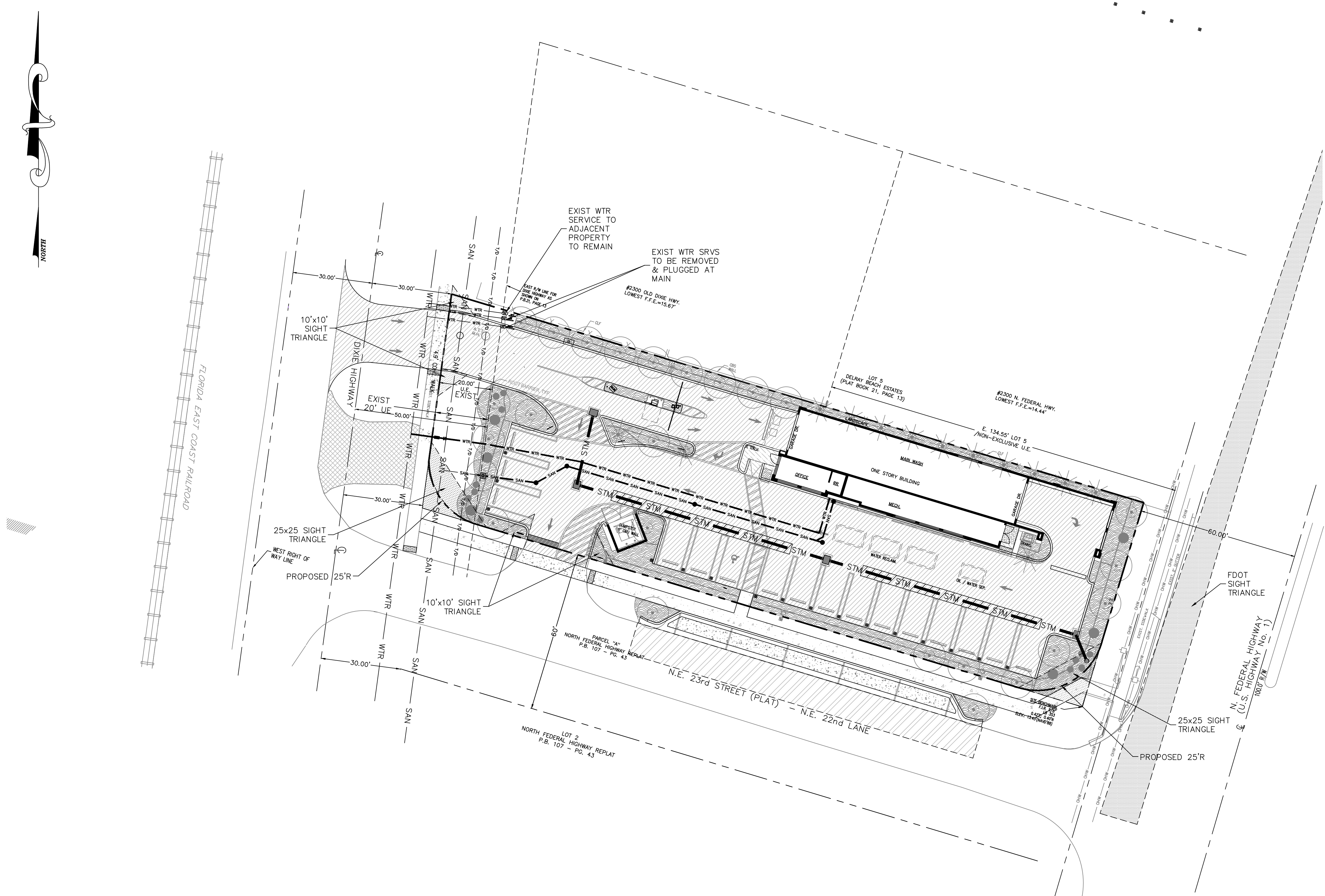
DRAWN:
B.A.B.

CHECKED:
J.A.P.

DATE:
06/23/26

JOB NO.
25082-ENG

SHEET NO.
7 OF 7



NOTES:

- ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER, OR DRAINAGE EASEMENTS, THEY SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD 1.0 & LD 2.0
- ALL ELEVATIONS SHOWN HEREIN ARE PER NAVD 88 DATUM UNLESS OTHERWISE NOTED
- PERMITTEE SHALL NOTIFY ENGINEER 48 HOURS PRIOR TO ANY WATER, SEWER, DRAINAGE, PAVING, AND/OR GRADING INSTALLATIONS INCLUDED HEREIN TO ENSURE INSPECTIONS ARE COMPLETED AS NEEDED TO PROVIDED AN ENGINEER'S CERTIFICATE OF COMPLETION.
- IT IS THE RESPONSIBILITY OF THE OWNER'S ENGINEER TO EXECUTE THE "ENGINEER'S CERTIFICATE OF COMPLETION" EXACTLY AS STATED ON PAGE C-14 FROM THE CITY OF DELRAY BEACH CURRENT MINIMUM CONSTRUCTION STANDARDS AND SPECIFICATIONS
- ANY DAMAGE TO THE CITY'S RIGHT-OF-WAY, NOT LIMITED TO AND INCLUDING ALLEYS, SIDEWALKS, AND STREETS WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR OR REPLACE AT THE DISCRETION OF THE CITY.
- IN THE EVENT OF ANY PAVEMENT DAMAGE TO THE ROADWAY OR ALLEY, THE PAVEMENT MUST BE RESTORED PER CITY STANDARD DETAIL GU 1.0.
- ALL UTILITY SERVICES TO THE SITE AND INDIVIDUAL STRUCTURES ON THE SITE ARE TO BE PROVIDED VIA UNDERGROUND SERVICES.

LEGEND:

---	PROPERTY LINE	---	EXISTING STORM LINE
---	PROPOSED STORM LINE	---	EXISTING SANITARY SEWER LINE
---	PROPOSED SANITARY SEWER LINE	---	EXISTING WATER LINE
---	PROPOSED WATER LINE	---	EXISTING OVERHEAD LINES
---	PROPOSED ELECTRIC UNDERGROUND LINE	---	EXISTING GAS LINES
---	PROPOSED GAS LINE		

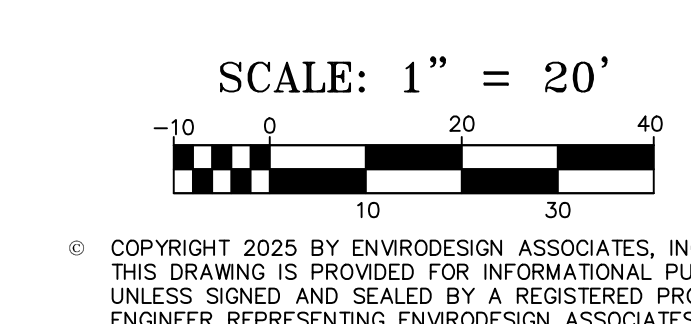
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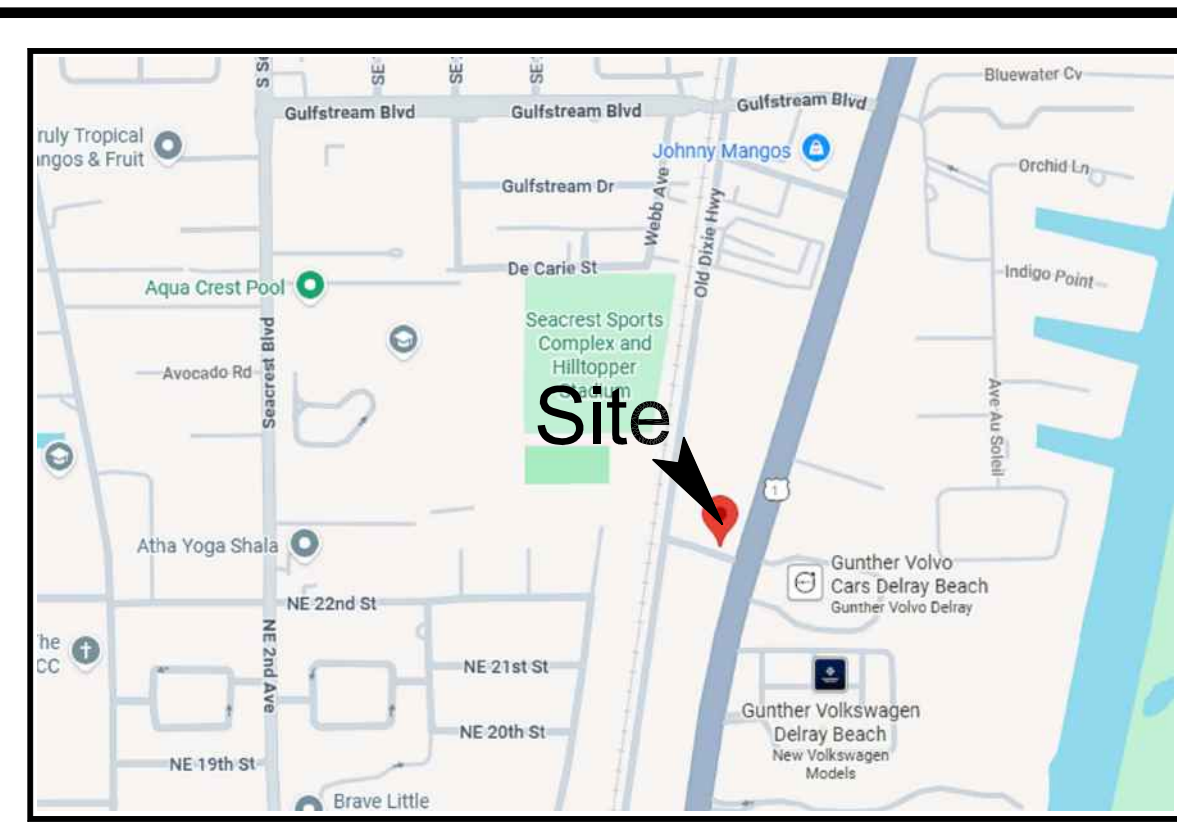
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LOCATION MAP
N.T.S.

NOTE: THIS PLAN IS PROVIDED FOR COORDINATION PURPOSES ONLY AND IS NOT FOR USE FOR CONSTRUCTION.

UTILITY PROVIDER SIGNOFF:

FPL:	SIGNATURE _____	TITLE _____
	PRINT NAME _____	DATE _____
COMCAST:	SIGNATURE _____	TITLE _____
	PRINT NAME _____	DATE _____
AT&T:	SIGNATURE _____	TITLE _____
	PRINT NAME _____	DATE _____
FPU:	SIGNATURE _____	TITLE _____
	PRINT NAME _____	DATE _____
DELRAY BEACH WATER:	SIGNATURE _____	TITLE _____
	PRINT NAME _____	DATE _____
DELRAY BEACH WASTEWATER:	SIGNATURE _____	TITLE _____
	PRINT NAME _____	DATE _____
DELRAY BEACH STORMWATER:	SIGNATURE _____	TITLE _____
	PRINT NAME _____	DATE _____

RESERVED FOR AGENCY APPROVAL STAMP

NOT VALID WITHOUT ENGINEER'S SEAL

JOSEPH A. PIKE, P.E., FL. REG # 42696

JOSEPH A. PIKE, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 42696
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSEPH A. PIKE ON THE DATE INDICATED HERE.
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NO.	DATE:	REVISIONS:	BY:
1	2/17/26	REVISE PER CITY COMMENTS	BAB
2	5/15/26	REVISE PER CITY COMMENTS	BAB
3	6/23/26	NO CHANGES	BAB

"NOT FOR CONSTRUCTION"

COMPOSITE UTILITY PLAN FOR:
LENNY'S CAR WASH
2210 N FEDERAL HWY
DELRAY BEACH, FLORIDA

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EnviroDesign Associates Inc.
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DRAWN:
B.A.B.

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DATE:
06/23/26

JOB NO.
25082-ENG

SHEET NO.
1 OF 1