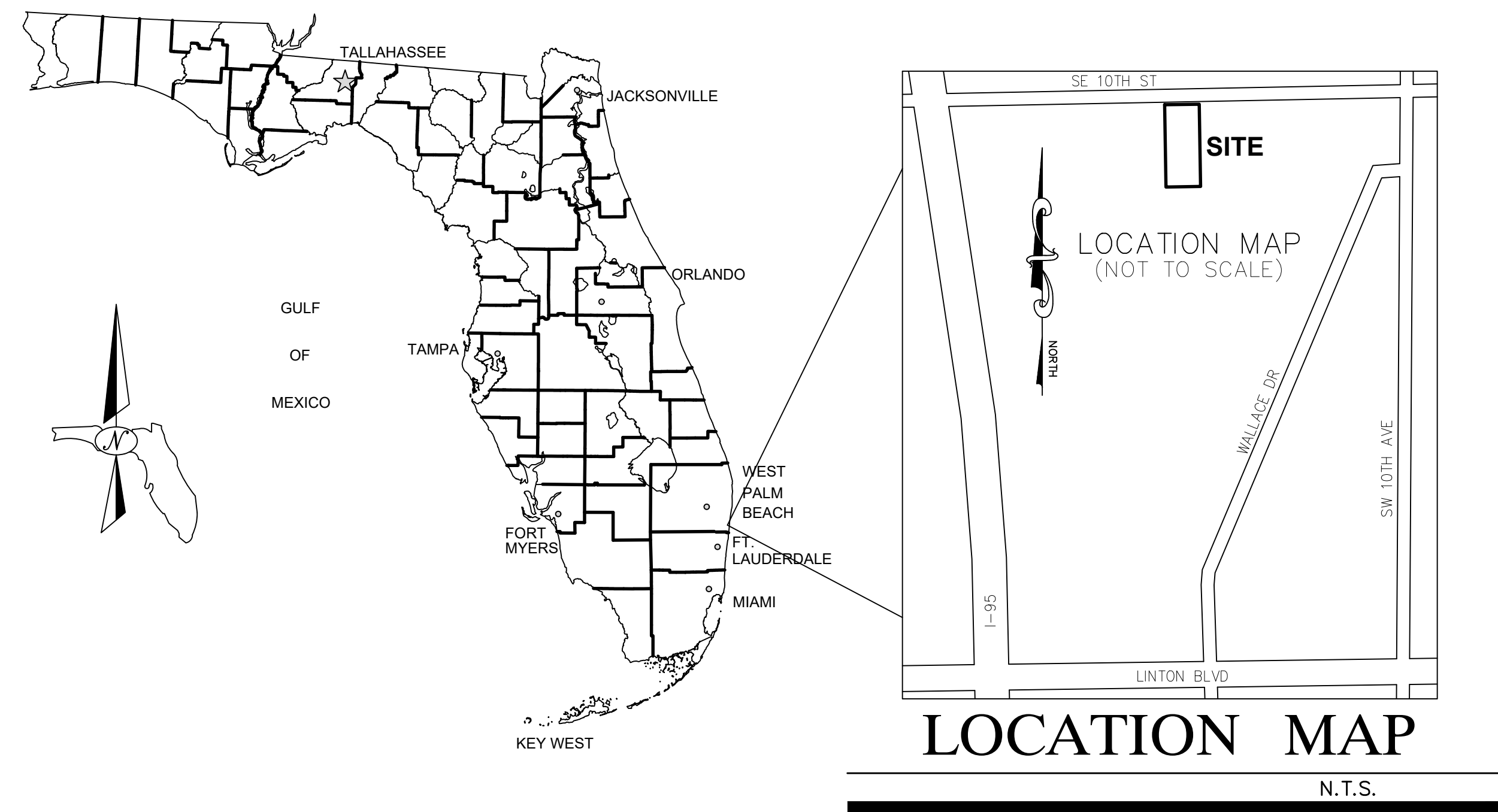




<u>SHEET</u>	<u>DESCRIPTION</u>
CS	Cover Sheet
PP-1	Pollution Prevention Plan & Details
PD-1	General Notes Plan
PD-1A	Demolition Plan
PD-2	Paving & Grading Plan
PD-2A	Drainage Plan
PD-3	Pavement, Marking & Signage Plan
PD-4 to PD-6	Paving & Grading & Drainage Details

REV PER NEW SITEPLAN	04/24/25	JRH
REV PER NEW SITEPLAN	02/27/25	JRH
REVISIONS	DATE	BY
FILE NAME: 10722ENG.dwg		



CAULFIELD & WHEELER, INC.
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE — SURVEYING
7900 GLADES ROAD — SUITE 100
BOCA RATON, FLORIDA 33434
PHONE (561) — 392-1991 / FAX (561) — 750-1452

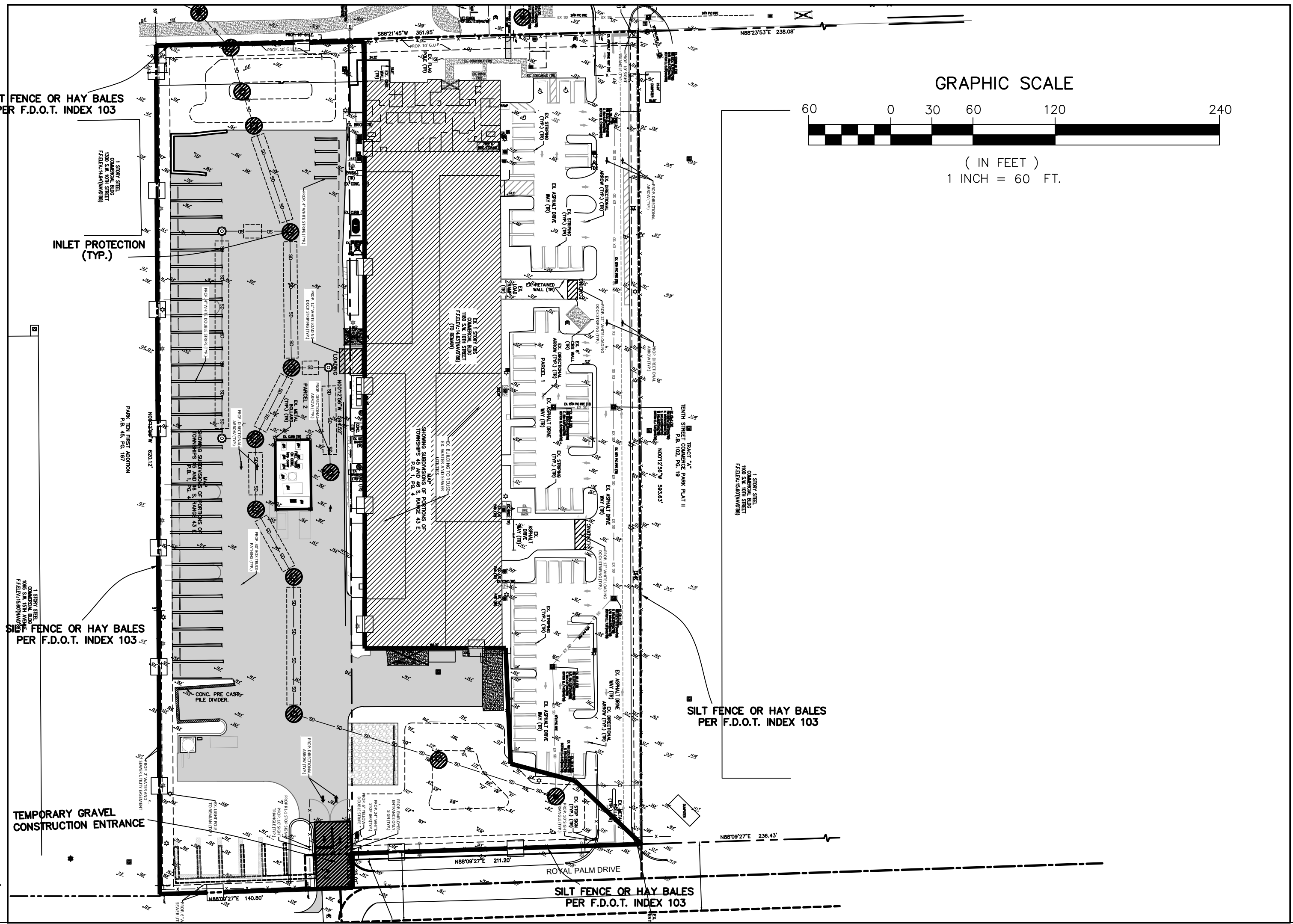
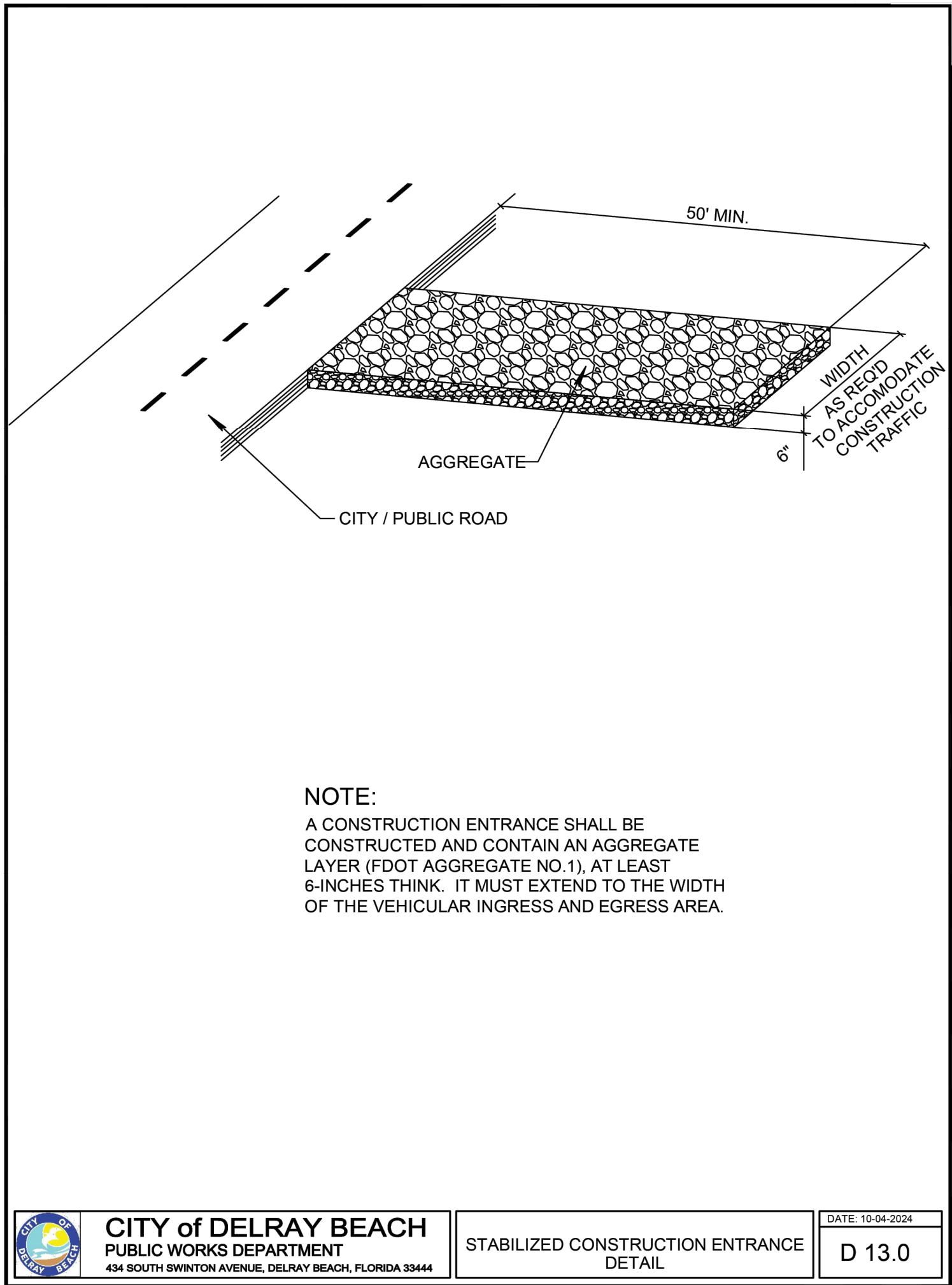
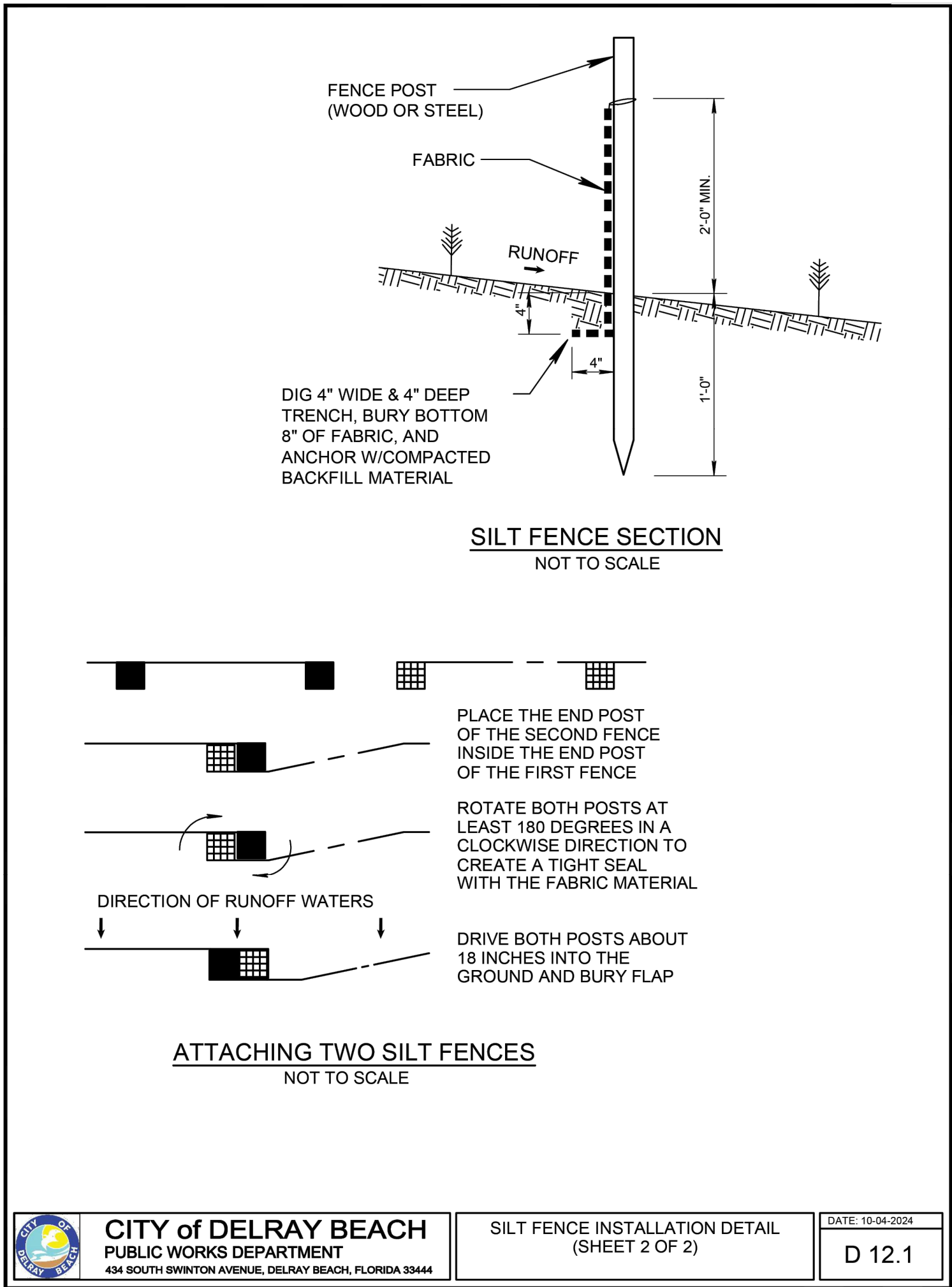
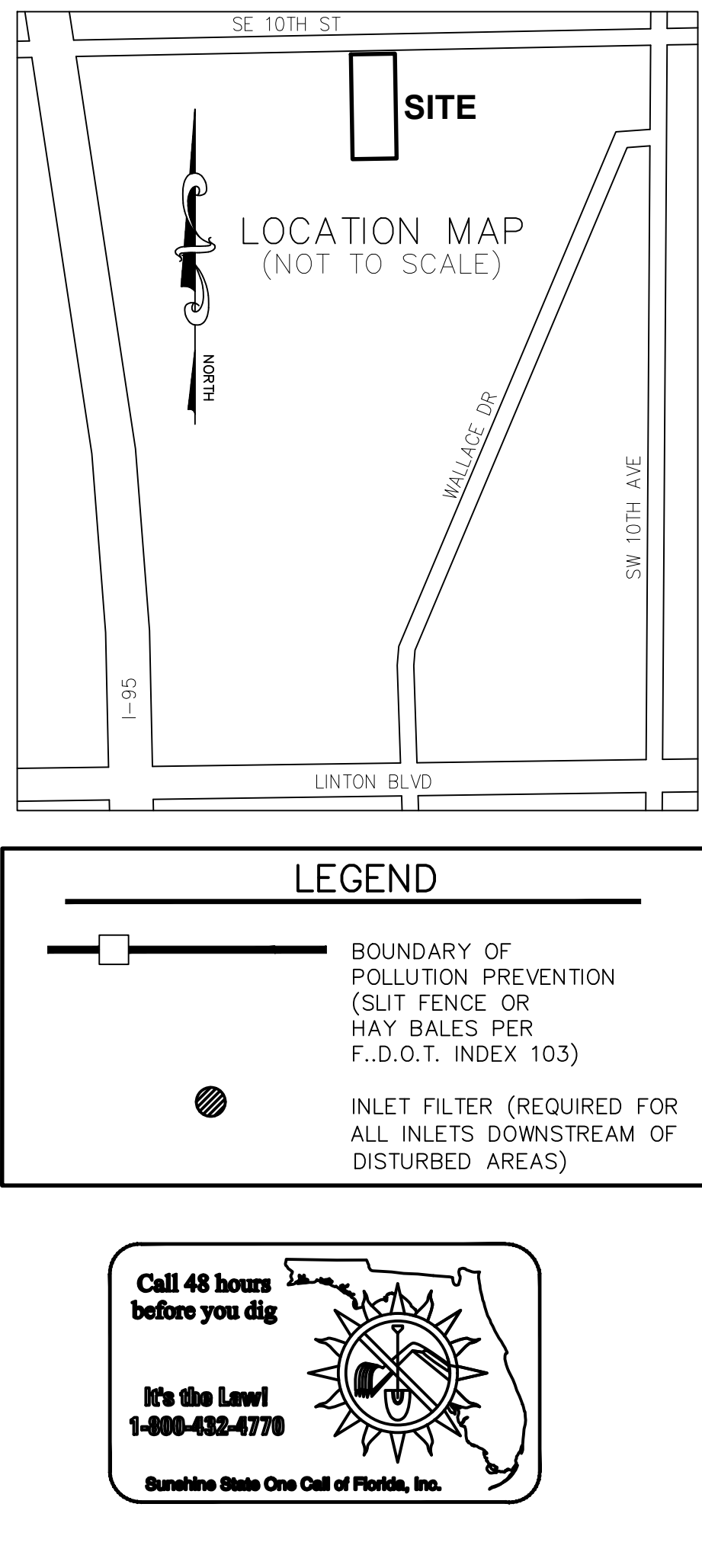
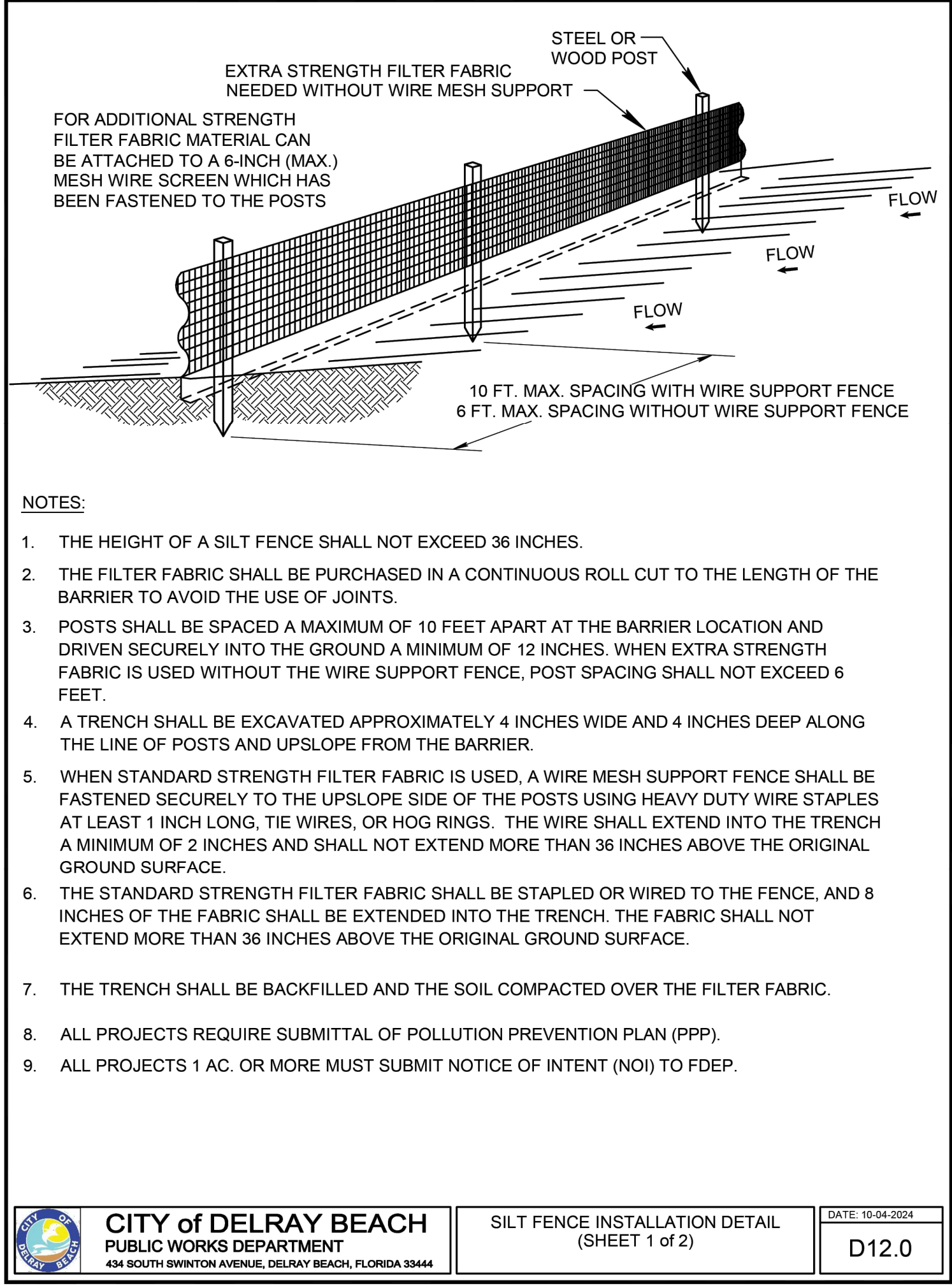
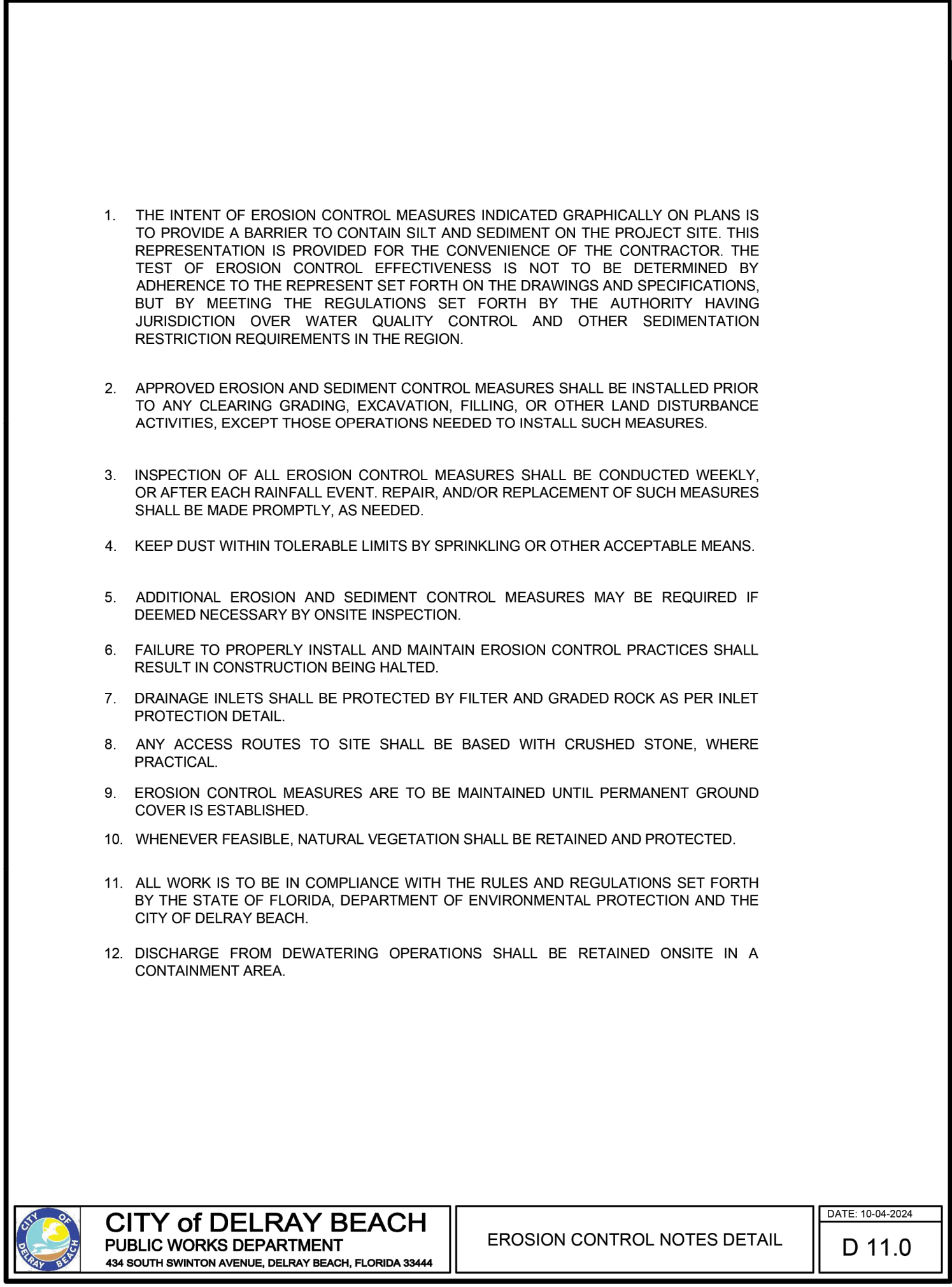
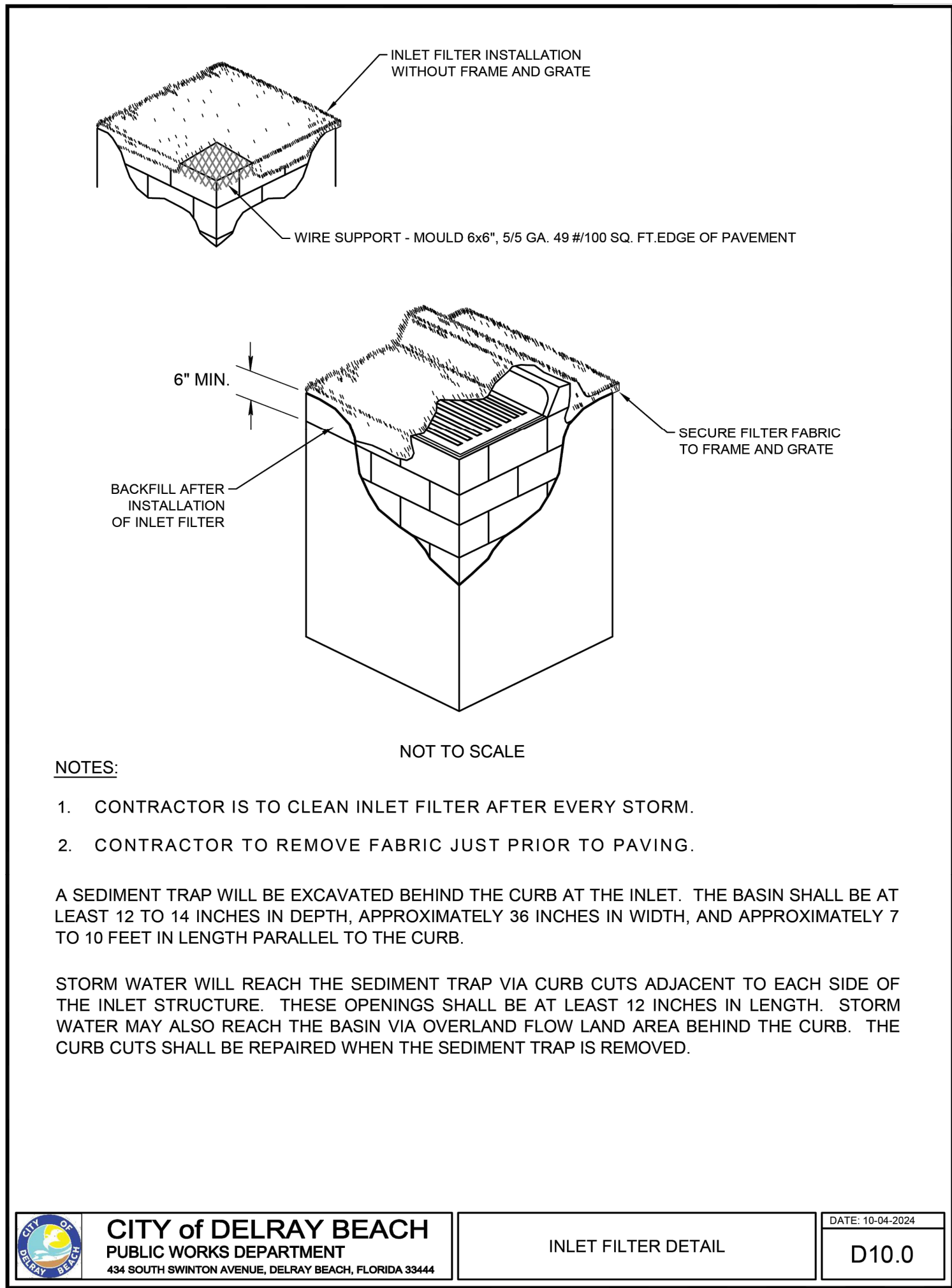
ALL COUNTY PAVING PARKING LOT MODIFICATIONS
COVER SHEET
1180 SW 10TH ST
DELRAY BEACH, FL 33444

DATE	11/25/24
DRAWN BY	JRH
T.B./ PG.	----
SCALE	NTS

Digitally signed by Matthew V. Kahn
Date: 2025.04.29 17:15:54
-0400
Mobile Acrobat version:
2024.002.20687

MATTHEW V. KAHN
PROFESSIONAL ENGINEER
LICENSE NO. 82227
STATE OF FLORIDA
- FOR THE FIRM -
DATE

JOB # 10722
SHT.NO. CS
OF 10 SHEETS



REV	DATE	BY
REV PER NEW SITEPLAN	04/24/25	JRH
REV PER NEW SITEPLAN	02/27/25	JRH
REVISIONS	DATE	BY
FILE NAME	1072ENG.dwg	

CAULFIELD & WHEELER, INC.

CIVIL ENGINEERING SURVEYING

LANDSCAPE ARCHITECTURE

7900 GLADES ROAD - SUITE 100

BOCA RATON, FLORIDA 33434

PHONE (561)-392-1991 / FAX (561)-750-1452

Call 48 hours before you dig

It's the Law!

1-800-432-4770

Sunshine State One Call of Florida, Inc.

ALL COUNTY PAVING PARKING LOT MODIFICATIONS

PROPOSED

POLLUTION PREVENTION PLAN AND DETAILS

1180 SW 10TH ST

DELRAY BEACH, FL 33444

DATE	11/25/24
DRAWN BY	JRH
F.B./ PG.	---
SCALE	1" = 20'

MATTHEW V. KAHN

PROFESSIONAL ENGINEER

LICENSE NO. 82227

STATE OF FLORIDA

FOR THE FIRM -

DATE

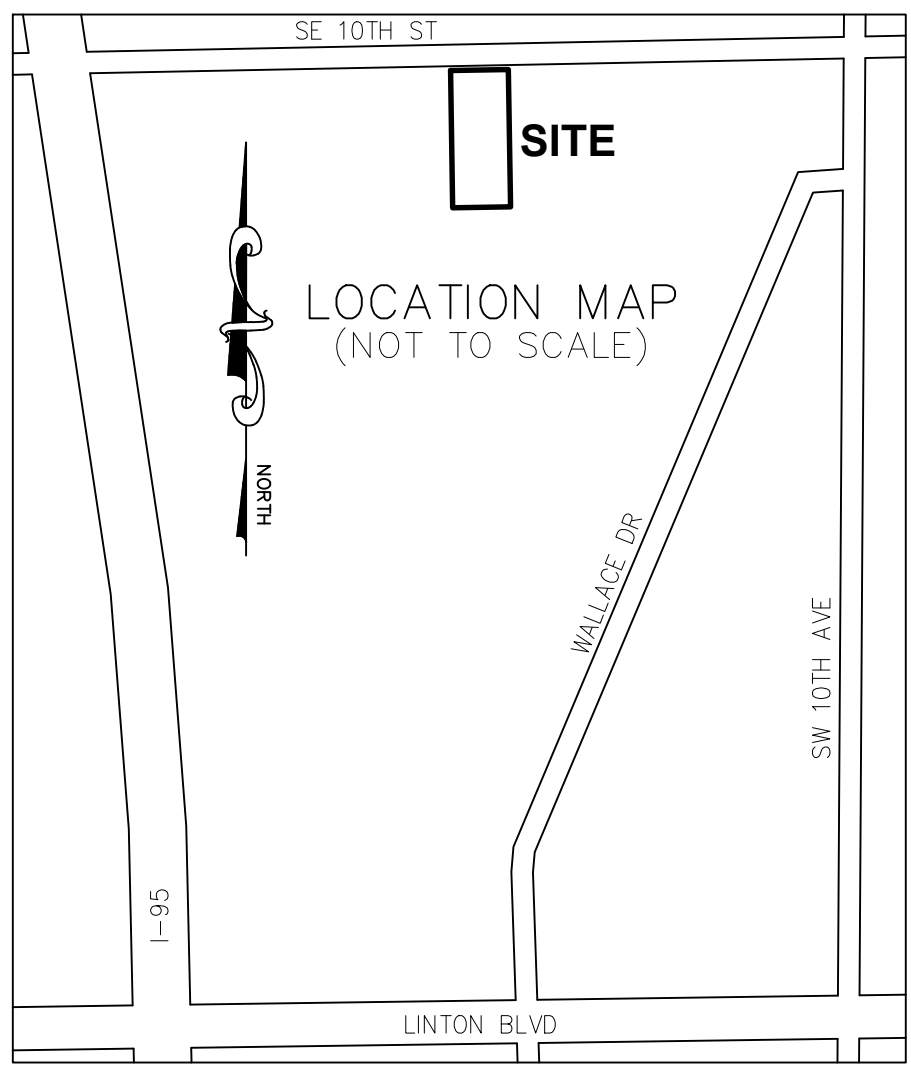
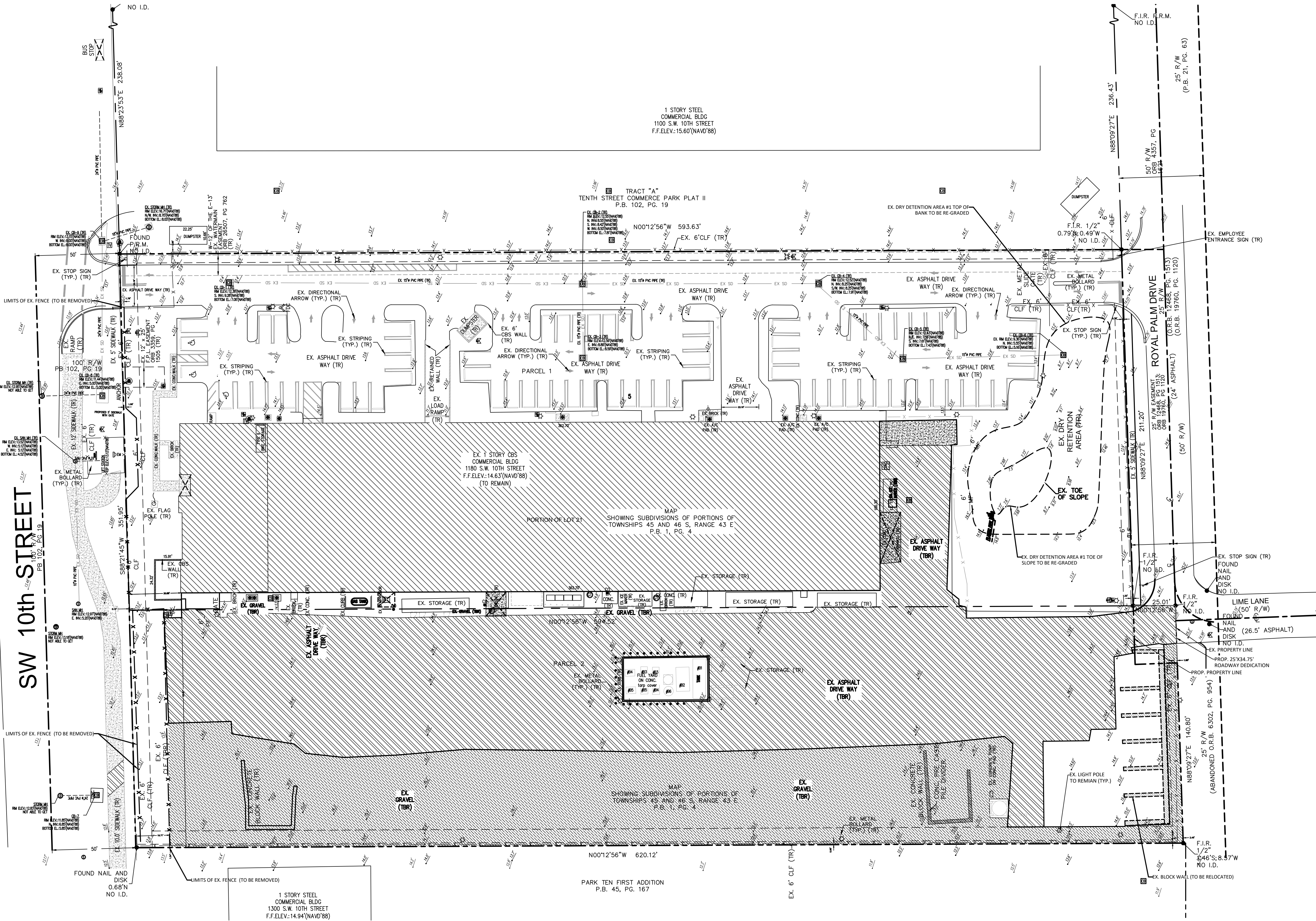
JOB # 10722

SHT. NO.

PP-1

OF 10 SHEETS

D:\projects\10722\10722.dwg (10722) 10/23/2007 10:00:00 AM

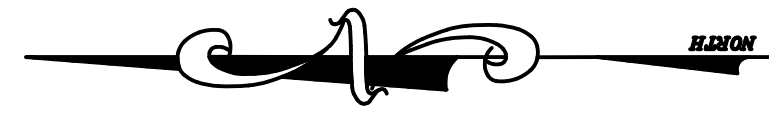


LEGEND

- EX. PROPERTY/ROW LINE
- PROP. PROPERTY/ROW LINE
- EXISTING GRADE
- PROPOSED GRADE
- MATCH EXISTING GRADE
- PROPOSED WATER LINE
- EXISTING WATER LINE
- PROPOSED SANITARY SEWER LINE
- EXISTING SANITARY SEWER LINE
- PROPOSED ELECTRIC LINE
- EXISTING OVERHEAD LINE
- PROPOSED TELEPHONE/CABLE LINE
- EXISTING TELEPHONE/CABLE LINE
- PROPOSED GAS LINE
- EXISTING GAS LINE
- (TBR) TO BE REMOVED
- (TR) TO REMAIN
- EX. GRAVEL (TBR)
- EX. PAVEMENT (TBR)
- EX. BUILDING (TBR)
- EX. LIGHT POLE TO REMAIN

NOTE:
ANY TREES OR SHRUBS PLACED
WITHIN WATER, SEWER OR DRAINAGE
EASEMENTS SHALL CONFORM TO THE
CITY OF DELRAY BEACH STANDARD
DETAILS: LD 1.0 & 2.0

NOTE:
ELEVATION ARE SHOWN IN NAVD
CONVERSION NAVD+1.51 = NGVD



GRAPHIC SCALE



(IN FEET)
1 INCH = 30 FT.

REV	DATE	BY
04/24/25	JRH	
02/27/25	JRH	
REVISIONS	DATE	BY
FILE NAME	10722ENG.dwg	

CAULFIELD & WHEELER, INC.
CIVIL ENGINEERING - SURVEYING
LANDSCAPE ARCHITECTURE - SUITE 100
7900 GLADES ROAD - SUITE 100
BOCA RATON, FLORIDA 33434
PHONE (561) 392-1991 / FAX (561) 750-1452

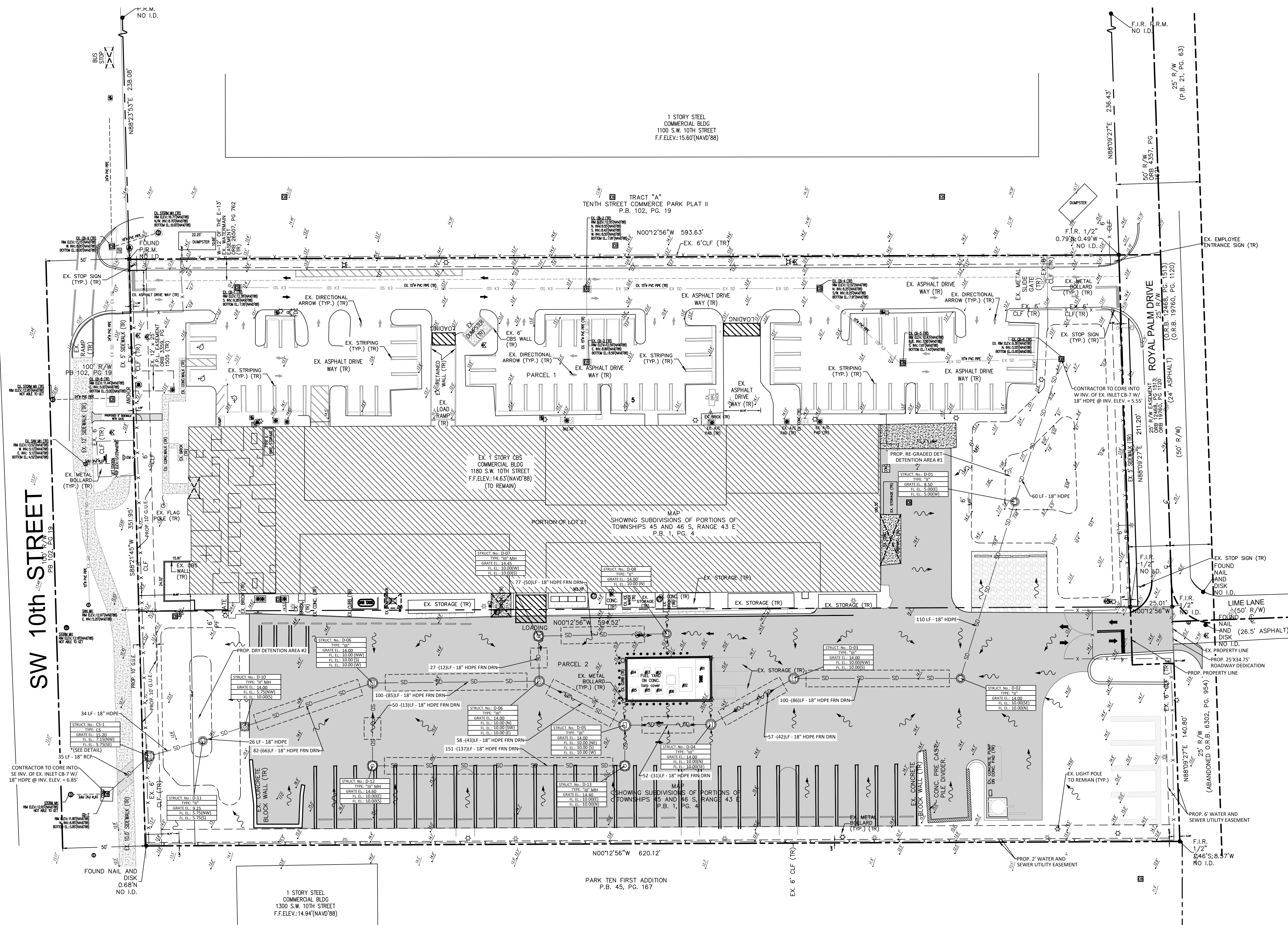
ALL COUNTY PAVING PARKING LOT MODIFICATIONS
PROPOSED
DEMOLITION PLAN
1180 SW 10TH ST
DELRAY BEACH, FL 33444

DATE 11/25/24
DRAWN BY JRH
F.B./PG. ---
SCALE 1" = 30'

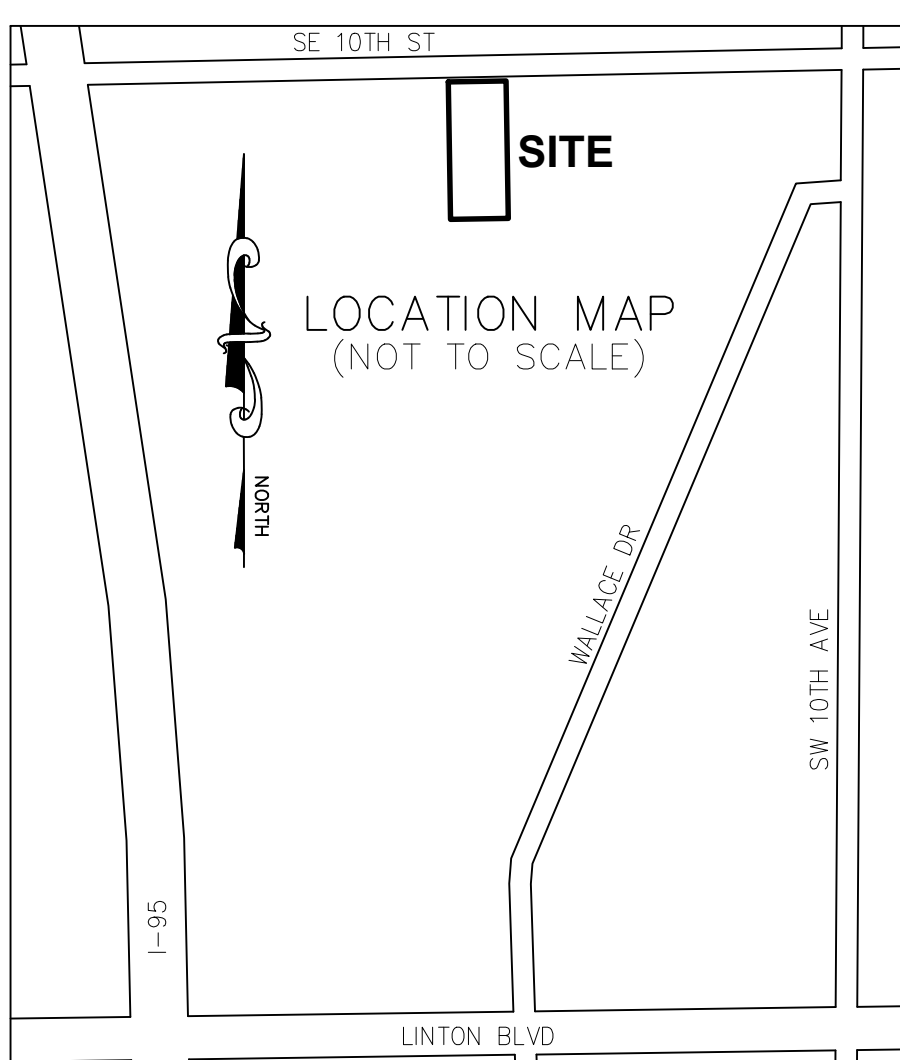
MATTHEW V. KAHN
PROFESSIONAL ENGINEER
LICENSE NO. 82227
STATE OF FLORIDA
FOR THE FIRM -
DATE

JOB # 10722
SHT. NO.
PD-1A
OF 10 SHEETS

Drawing: P:\10722-00-00-00\10722-00-00-00\10722-00-00-00\10722-00-00-00.dwg (SHT 2A) 04/24/25



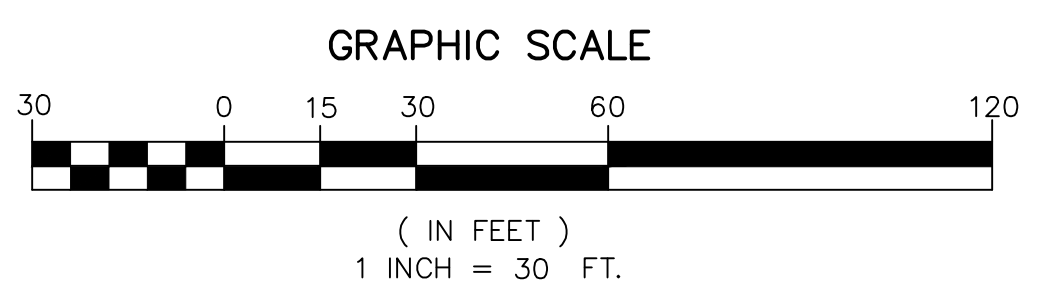
NOTE:
ELEVATION ARE SHOWN IN NAVD
CONVERSION NAVD+1.51 = NGVD



- LEGEND**
- EX. PROPERTY/ROW LINE
 - PROP. PROPERTY/ROW LINE
 - EX. DRAINAGE PIPE
 - PROPOSED DRAINAGE PIPE
 - PROPOSED INLET/MANHOLE
 - EXISTING GRADE
 - PROPOSED GRADE
 - MATCH EXISTING GRADE
 - PROPOSED WATER LINE
 - EXISTING WATER LINE
 - PROPOSED SANITARY SEWER LINE
 - EXISTING SANITARY SEWER LINE
 - PROPOSED ELECTRIC LINE
 - EXISTING OVERHEAD LINE
 - PROPOSED TELEPHONE/CABLE LINE
 - EXISTING TELEPHONE/CABLE LINE
 - PROPOSED GAS LINE
 - EXISTING GAS LINE
 - TO REMAIN
-
- EX. BUILDING TO REMAIN
 - PROP. ASPHALT
 - PROP. GRAVEL
 - EX. CONC. SIDEWALK (TO REMAIN)
 - PROP. CONC. SIDEWALK
 - PROP. LIGHT POLE
 - EX. LIGHT POLE TO REMAIN

ALL PROPOSED HOPE DRAINAGE PIPE ON
PROJECT TO BE ADS HP--STORM

NOTE:
ANY TREES OR SHRUBS PLACED
WITHIN WATER, SEWER OR DRAINAGE
EASMENTS SHALL CONFORM TO THE
CITY OF DELRAY BEACH STANDARD
DETAILS: LD 1.0 & 2.0



REV	PER NEW SITEPLAN	04/24/25	JRH	BY
REV	PER NEW SITEPLAN	02/27/25	JRH	DATE
REV	REVISIONS			
FILE NAME	10722ENG.dwg			

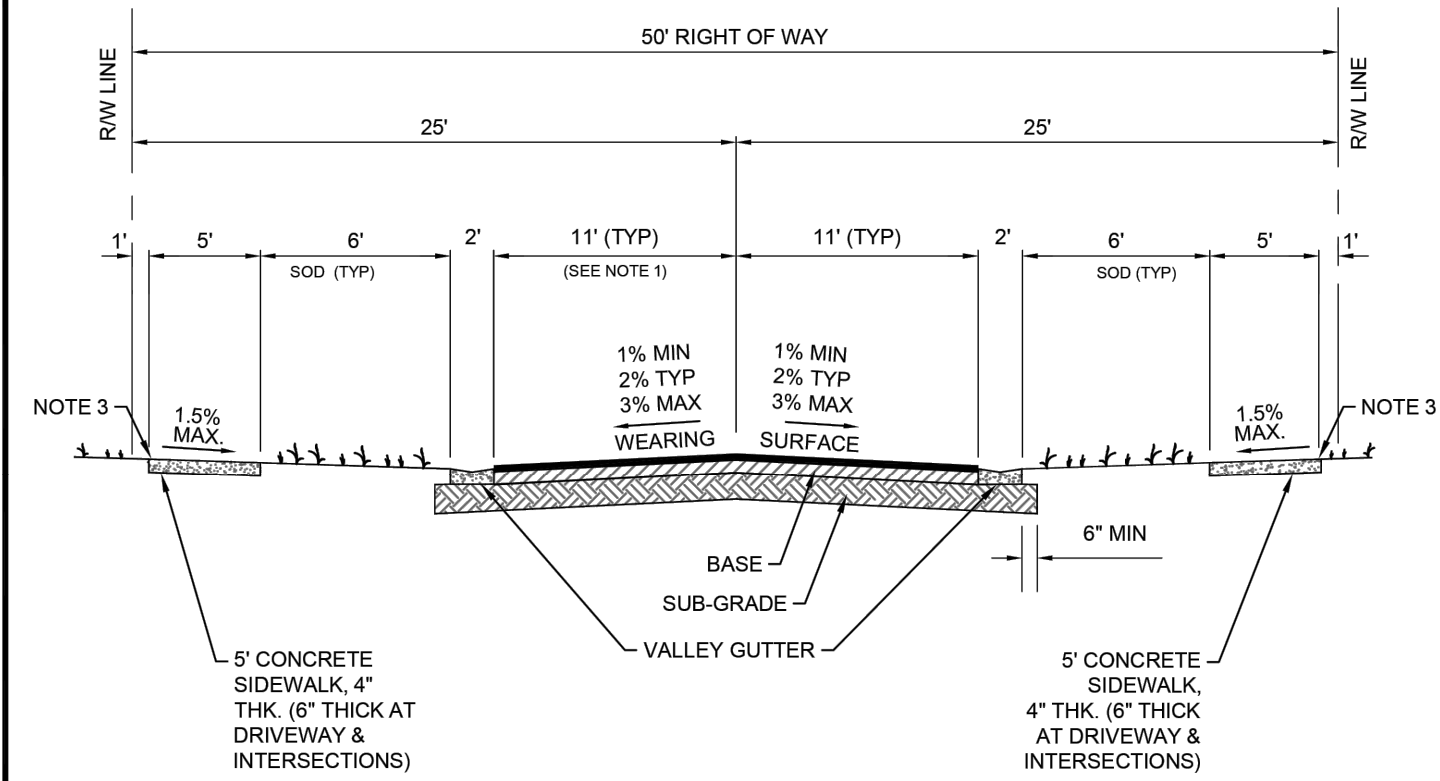
CAULFIELD & WHEELER, INC.
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE - SURVEYING
7900 GLADES ROAD - SUITE 100
BOCA RATON, FLORIDA 33434
PHONE (561) 392-1991 / FAX (561) 750-1452

ALL COUNTY PAVING PARKING LOT MODIFICATIONS
PROPOSED
DRAINAGE PLAN
1180 SW 10TH ST
DELRAY BEACH, FL 33444

DATE 11/25/24
DRAWN BY JRH
F.B. / PG. ---
SCALE 1" = 30'

MATTHEW V. KAHN
PROFESSIONAL ENGINEER
LICENSE NO. 82227
STATE OF FLORIDA
FOR THE FIRM -
DATE

JOB # 10722
SHT. NO.
PD-2A
OF 10 SHEETS



PAVEMENT SPECIFICATIONS	
WEARING SURFACE	3" TYPE S-III (2 LIFTS) AFTER COMPACTION SEE NOTE 2
BASE	8" LIMEROCK OR 10" CRUSHED CONCRETE COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180. PRIME & TACK COAT PER FDOT SECTION 300.
SUBGRADE	12" STABILIZED (75 P.S.I. FBV) AND COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180.

NOTES:

- VARIATION IN LANE WIDTHS WILL BE CONSIDERED ON A CASE BY CASE BASIS BY THE CITY.
- 2ND LIFT SHALL NOT BE PAVED UNTIL CONSTRUCTION VEHICLES AND EQUIPMENT HAVE COMPLETED WORK.
- 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.

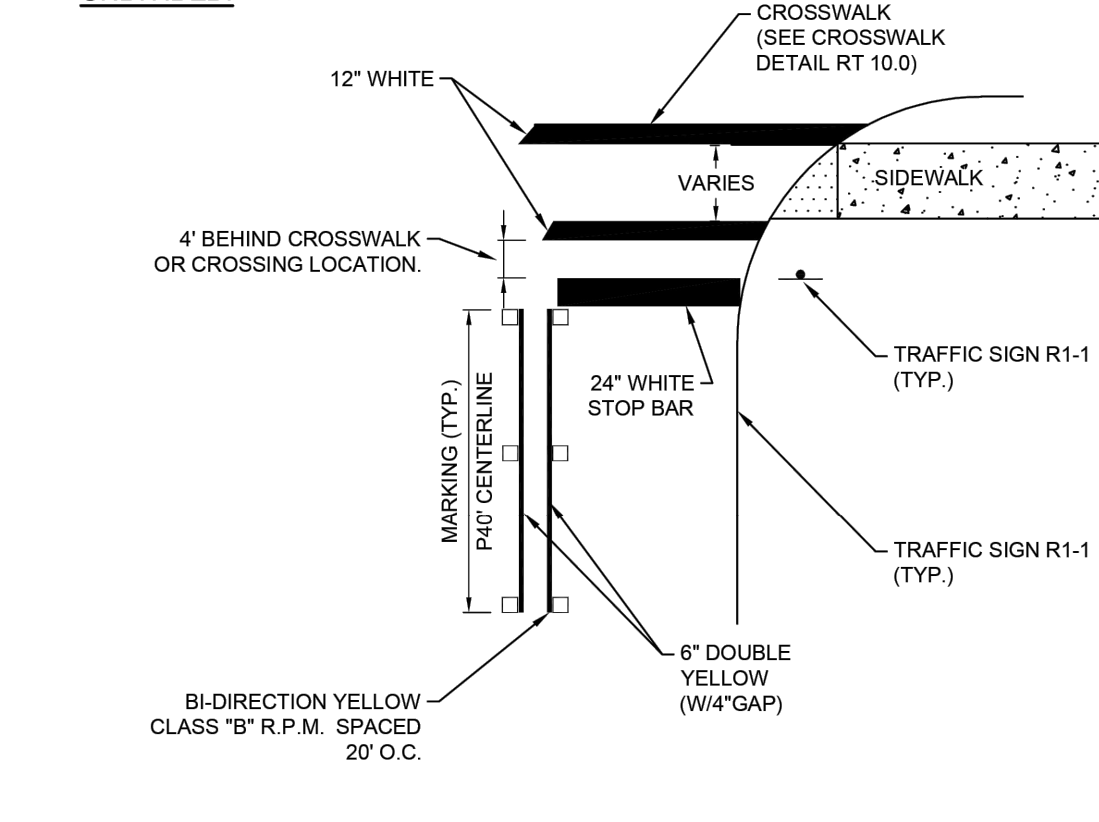


CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

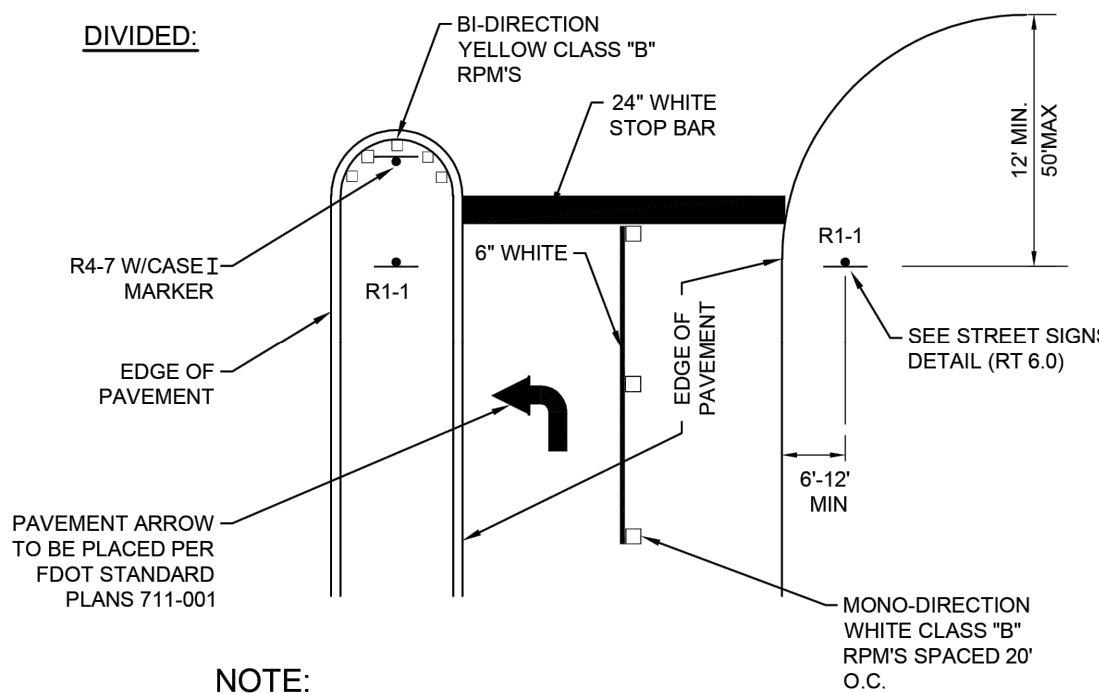
TYPICAL 50' R/W SECTION
WITH VALLEY GUTTER

DATE: 10-04-2024
RT 1.0

UNDIVIDED:



DIVIDED:



NOTE:

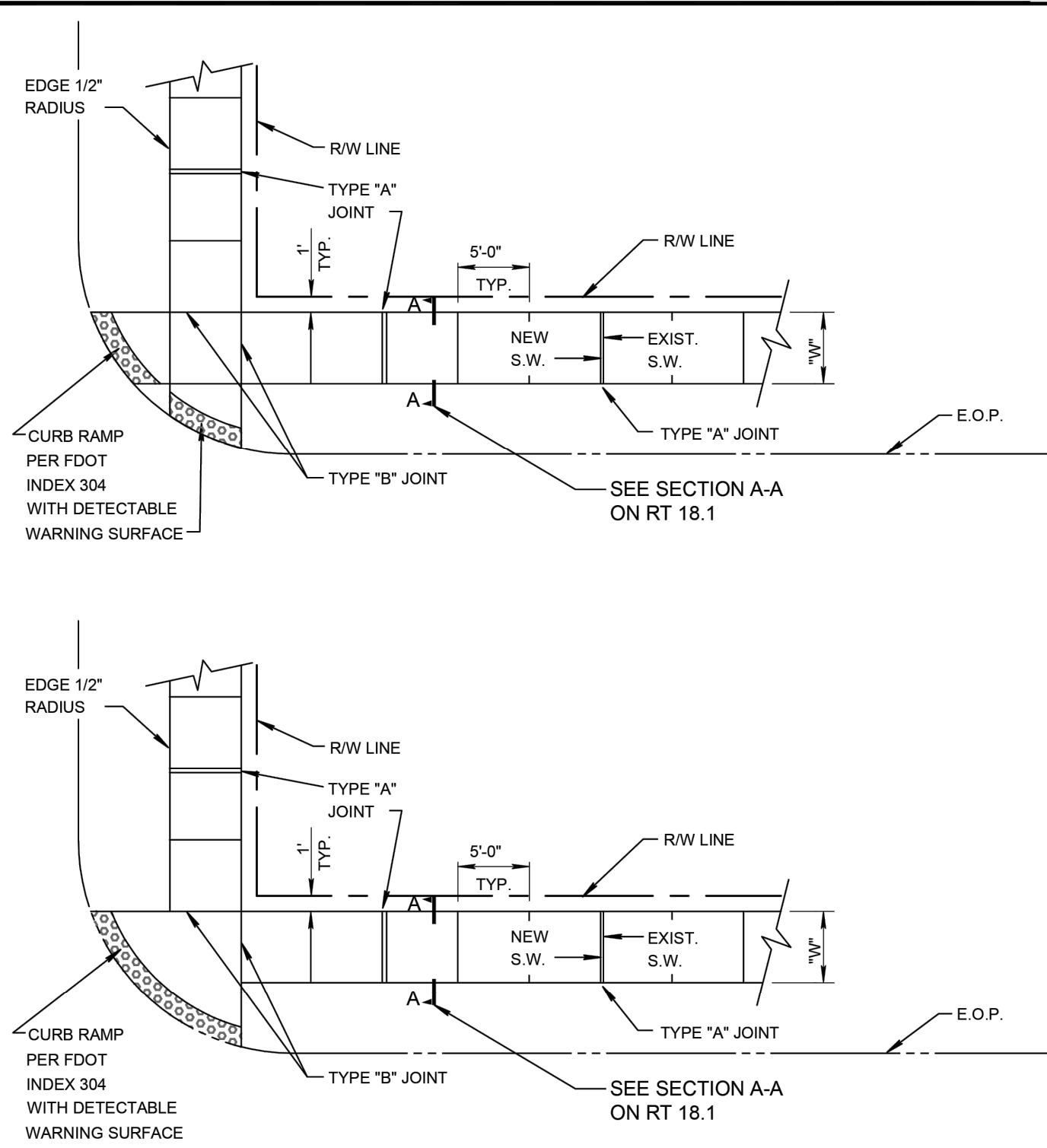
ALL STRIPING AND DELINEATION TO CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD) LATEST EDITION.



CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

INTERSECTION TRAFFIC
CONTROL STOP CONDITION

DATE: 10-04-2024
RT 9.0



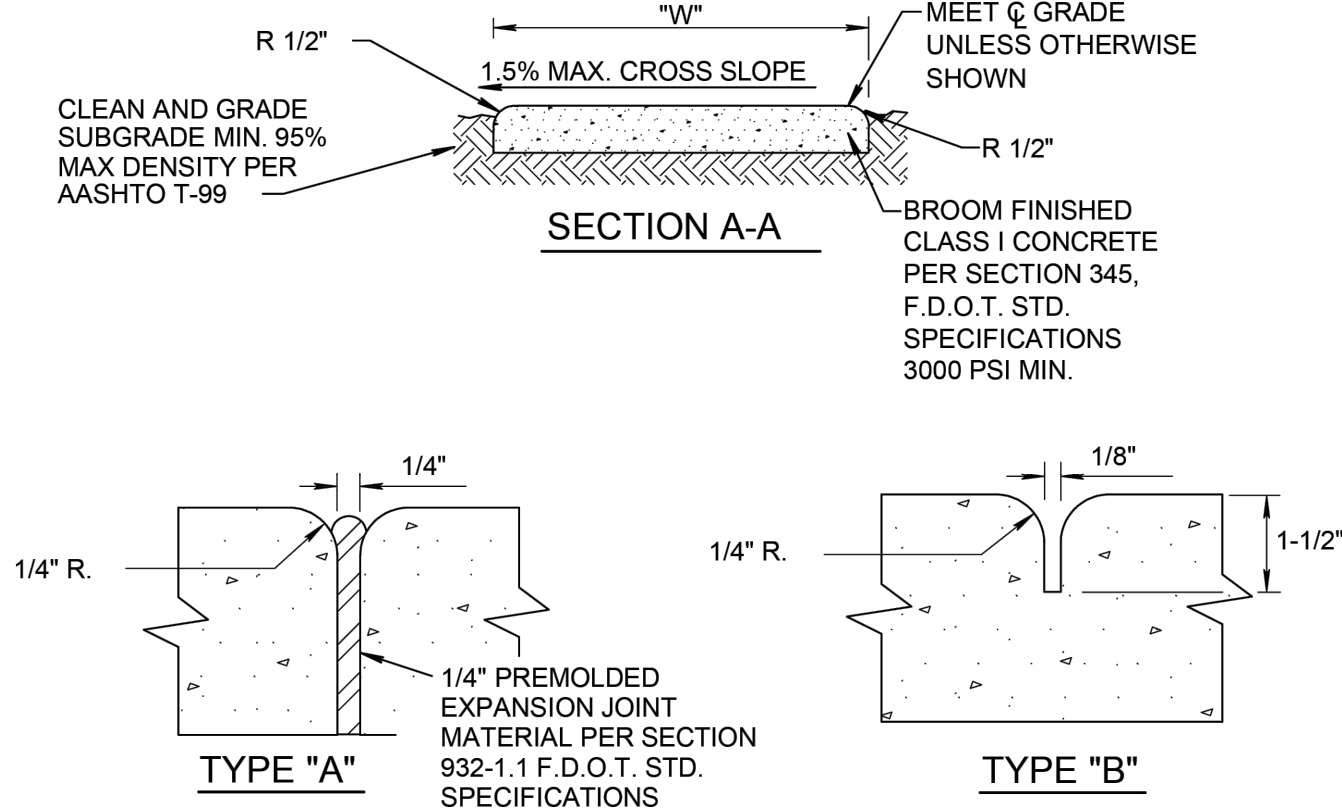
PLAN



CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

SIDEWALK CONSTRUCTION DETAIL

DATE: 10-04-2024
RT 18.0



SIDEWALK JOINTS

- NOTE:**
- ALL SIDEWALKS SHALL BE CONSTRUCTED THRU DRIVEWAYS.
 - ALL SIDEWALKS SHALL INCLUDE ADA COMPLIANT RAMPS @ INTERSECTIONS.
 - ALL SIDEWALKS SHALL INCLUDE CROSS SLOPE AND RUNNING SLOPE IN ACCORDANCE WITH ADA REQUIREMENTS.
 - CURB RAMP DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH OF THE RAMP AND 24" DEEP.
 - SIDEWALK SHALL BE 9" THICK FOR 2' AT THE CONNECTION TO ROADWAYS WITH A 6" TRANSITION TO 6" FOR THE REMAINDER OF THE REQUIRED 10'.

TABLE OF SIDEWALK THICKNESS - "T"

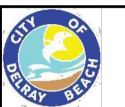
GENERAL AREAS	"T"
WITHIN 10' OF CROSS-STREETS, AT DRIVEWAYS & OTHER AREAS	6"

TABLE OF SIDEWALK WIDTHS - "W"

GENERAL AREAS	"W"
SINGLE-FAMILY AREAS	5'
MULTI-FAMILY AREAS	5'
OTHER AREAS AS SPECIFIED BY THE CITY.	

TABLE OF SIDEWALK JOINTS

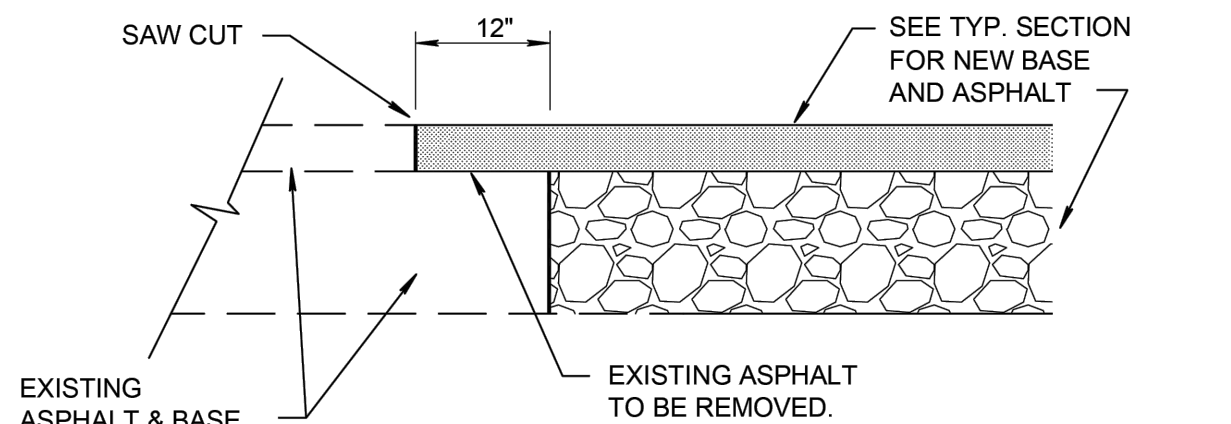
TYPE	LOCATION
"A"	P.C. AND P.T. OF CURVES JUNCTION OF EXISTING & NEW SIDEWALKS & EVERY 30'
"B"	5'-0" CENTER TO CENTER ON SIDEWALKS SCORED DURING PLACEMENT OR SAWCUT WITHIN 24 HOURS OF PLACEMENT.
"A"	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES.



CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

SIDEWALK CONSTRUCTION

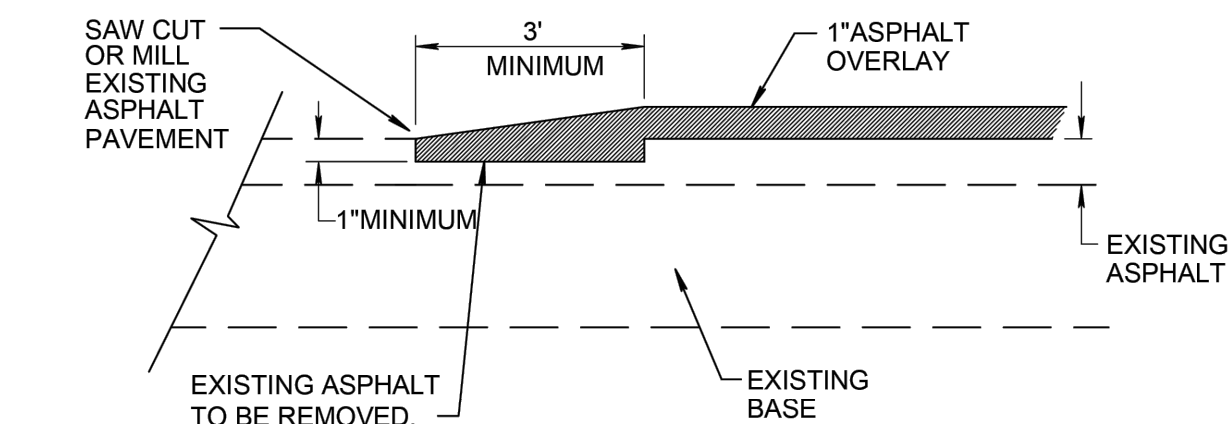
DATE: 10-04-2024
RT 18.1



NEW CONSTRUCTION PAVEMENT JOINT

NOTE:

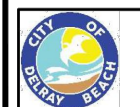
THIS METHOD OF PAVEMENT JOINT SHALL BE USED FOR ANY APPLICATION OR CONSTRUCTION WHERE PROPOSED PAVEMENT AND BASE WILL BE CONNECTED TO EXISTING PAVEMENT AND BASE.



NEW OVERLAY PAVEMENT JOINT

NOTE:

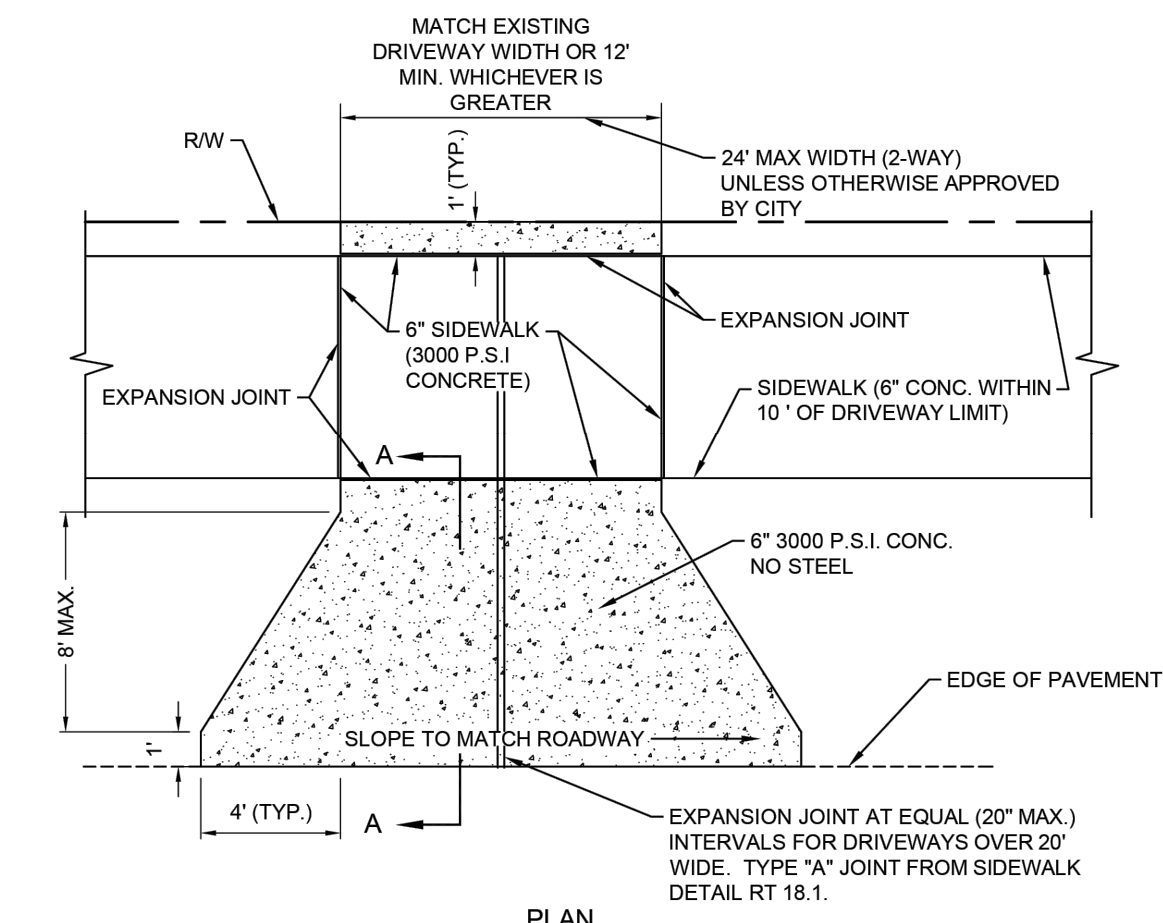
THIS METHOD OF PAVEMENT JOINT SHALL BE USED FOR ANY APPLICATION OR CONSTRUCTION WHERE PROPOSED PAVEMENT WILL BE CONNECTED TO EXISTING PAVEMENT.



CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

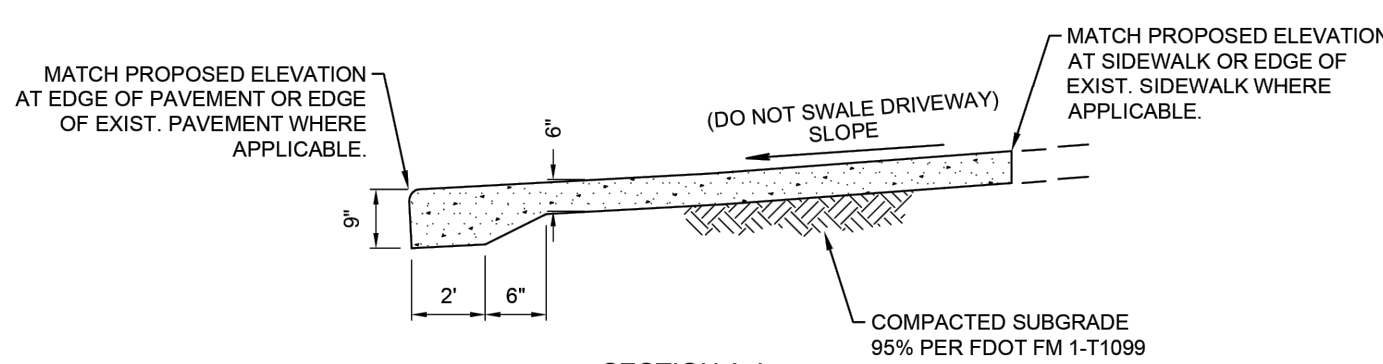
PAVEMENT JOINT DETAIL

DATE: 10-04-2024
RT 21.0



PLAN

NOTE: SIDEWALK SHALL BE CONSTRUCTED THROUGH DRIVEWAY PER DETAILS 18.0 AND 18.1.



SECTION A-A

NOTES:

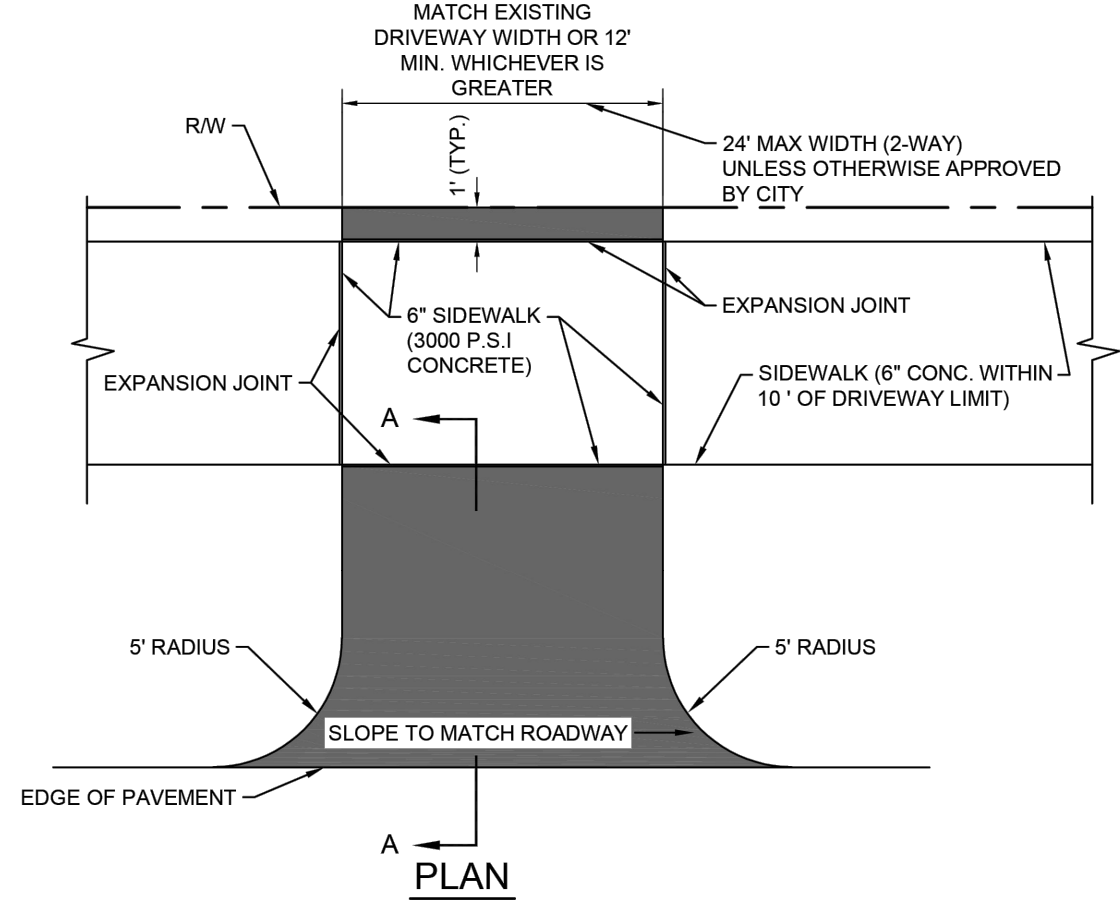
- THIS DETAIL IS SHOWN WITH PROPOSED SIDEWALK.
- IF THERE IS AN EXISTING SIDEWALK, THE SIDEWALK SHALL BE EVALUATED FOR THICKNESS AND IF FOUND NOT TO BE 6" THICK IT MUST BE REPLACED WITHIN THE LIMITS OF THE DRIVEWAY AND 10' ON EITHER SIDE.
- IF THERE IS NO SIDEWALK, EXISTING OR PROPOSED, THE DRIVEWAY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



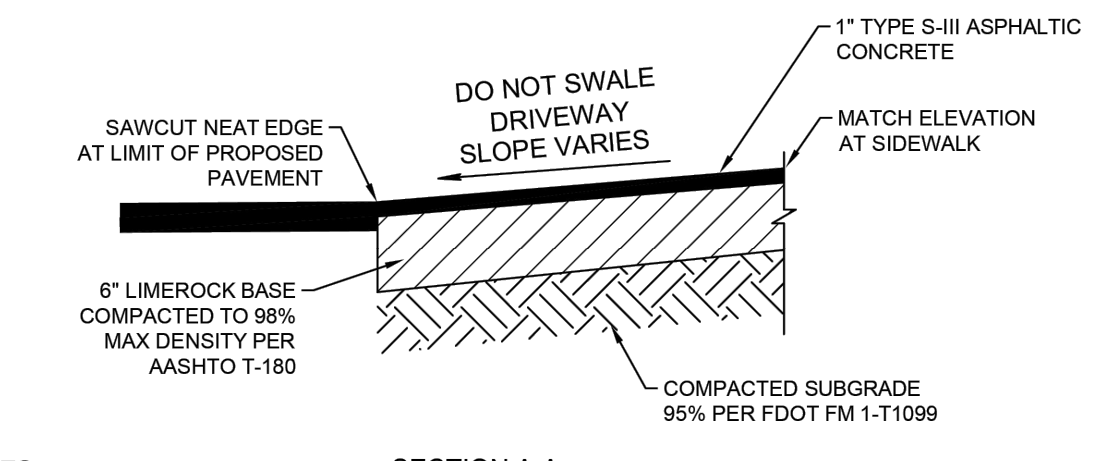
CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

CONCRETE DRIVEWAY APRON

DATE: 10-04-2024
RT 23.0



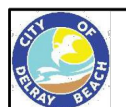
PLAN



SECTION A-A

NOTES:

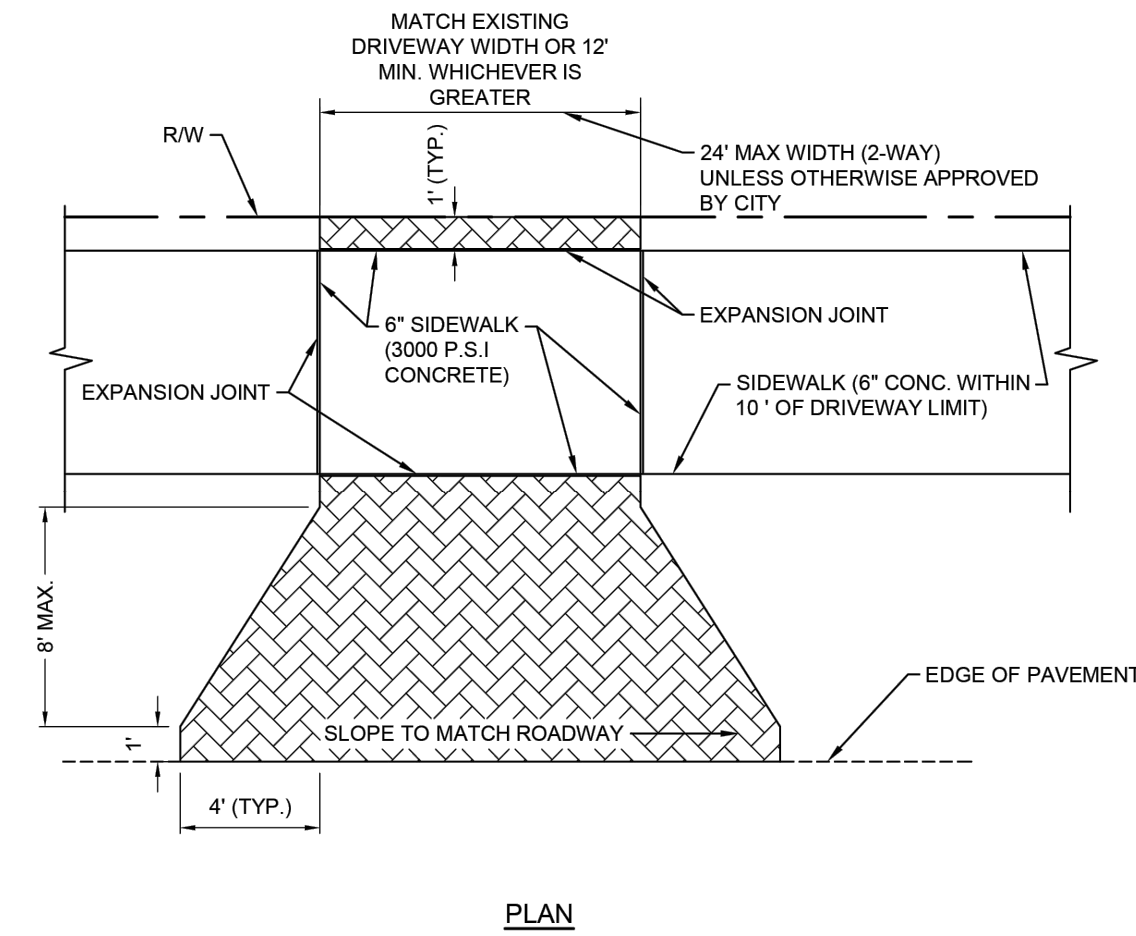
- THIS DETAIL IS SHOWN WITH PROPOSED SIDEWALK.
- IF THERE IS AN EXISTING SIDEWALK, THE SIDEWALK SHALL BE EVALUATED FOR THICKNESS AND IF FOUND NOT TO BE 6" THICK IT MUST BE REPLACED WITHIN THE LIMITS OF THE DRIVEWAY AND 10' ON EITHER SIDE.
- IF THERE IS NO SIDEWALK, EXISTING OR PROPOSED, THE DRIVEWAY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



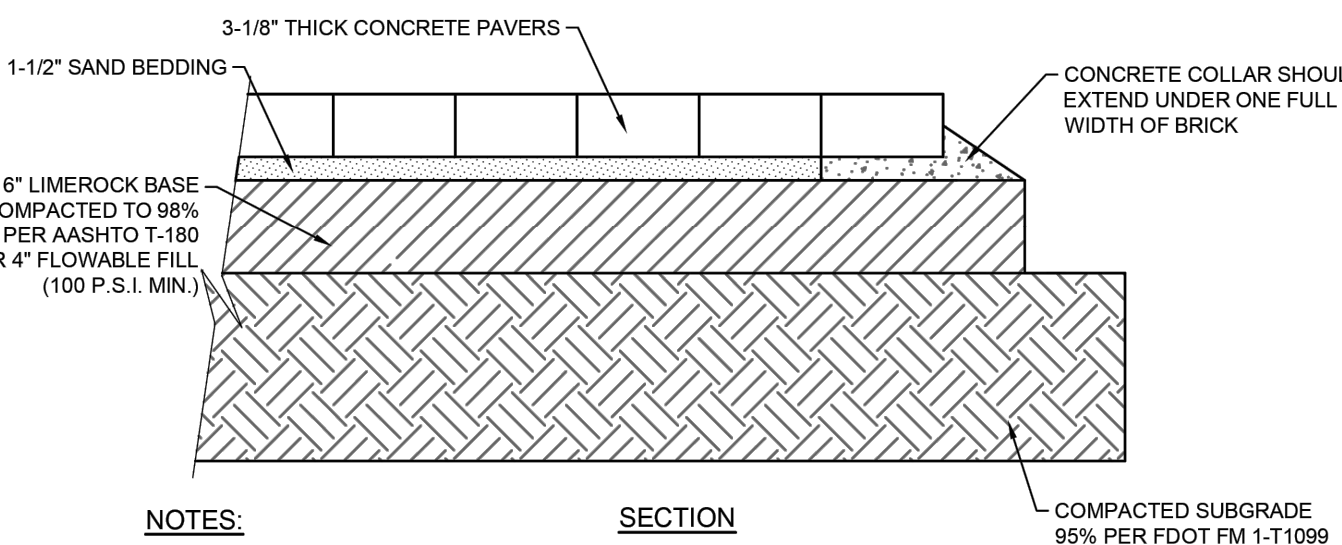
CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

ASPHALT DRIVEWAY APRON

DATE: 10-04-2024
RT 24.0

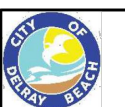


PLAN



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 HEREON UP TO THE PROPERTY LINE.



CITY of DELRAY BEACH
PUBLIC WORKS DEPARTMENT
434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444

PAVER BRICK DRIVEWAY APRON

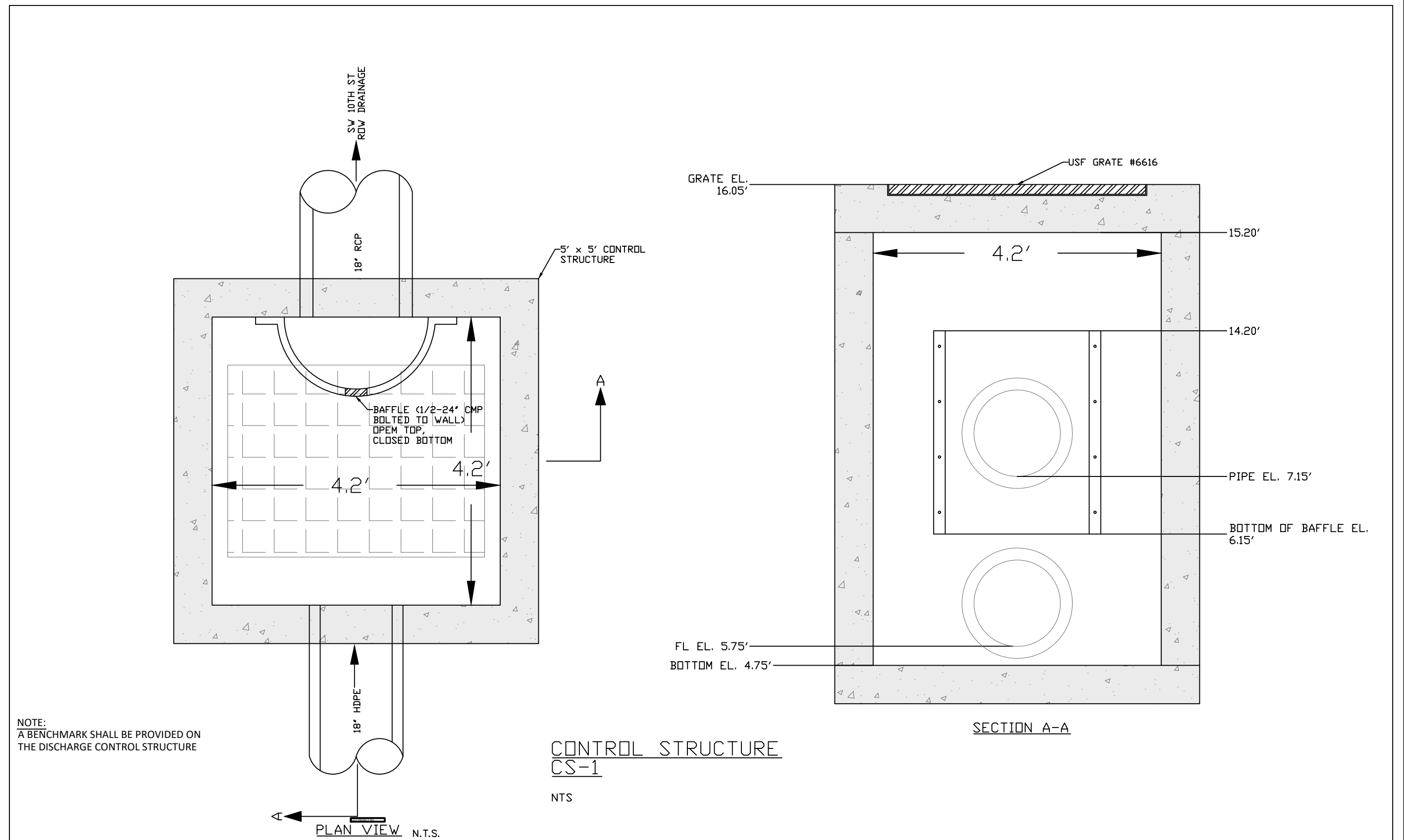
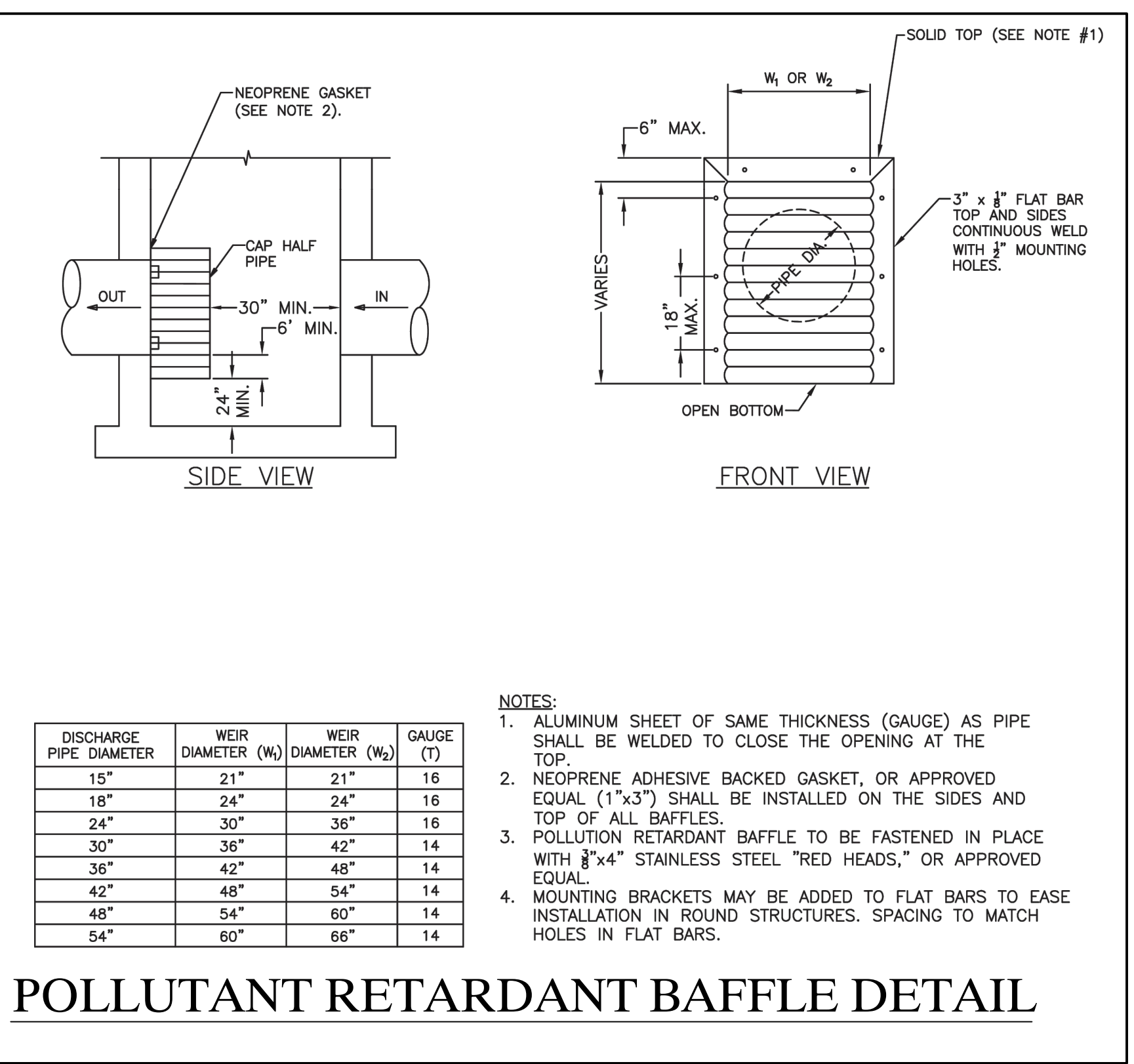
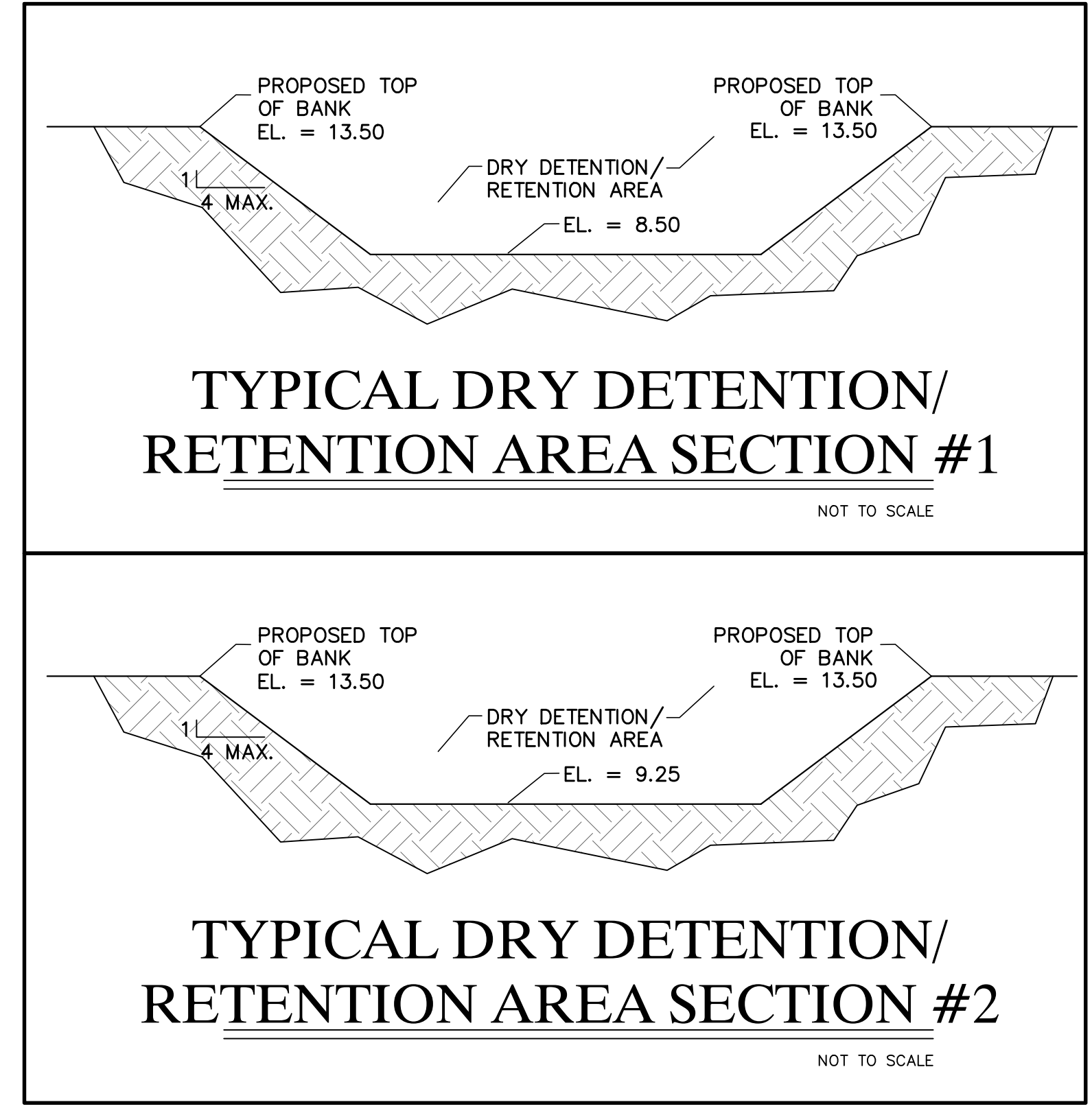
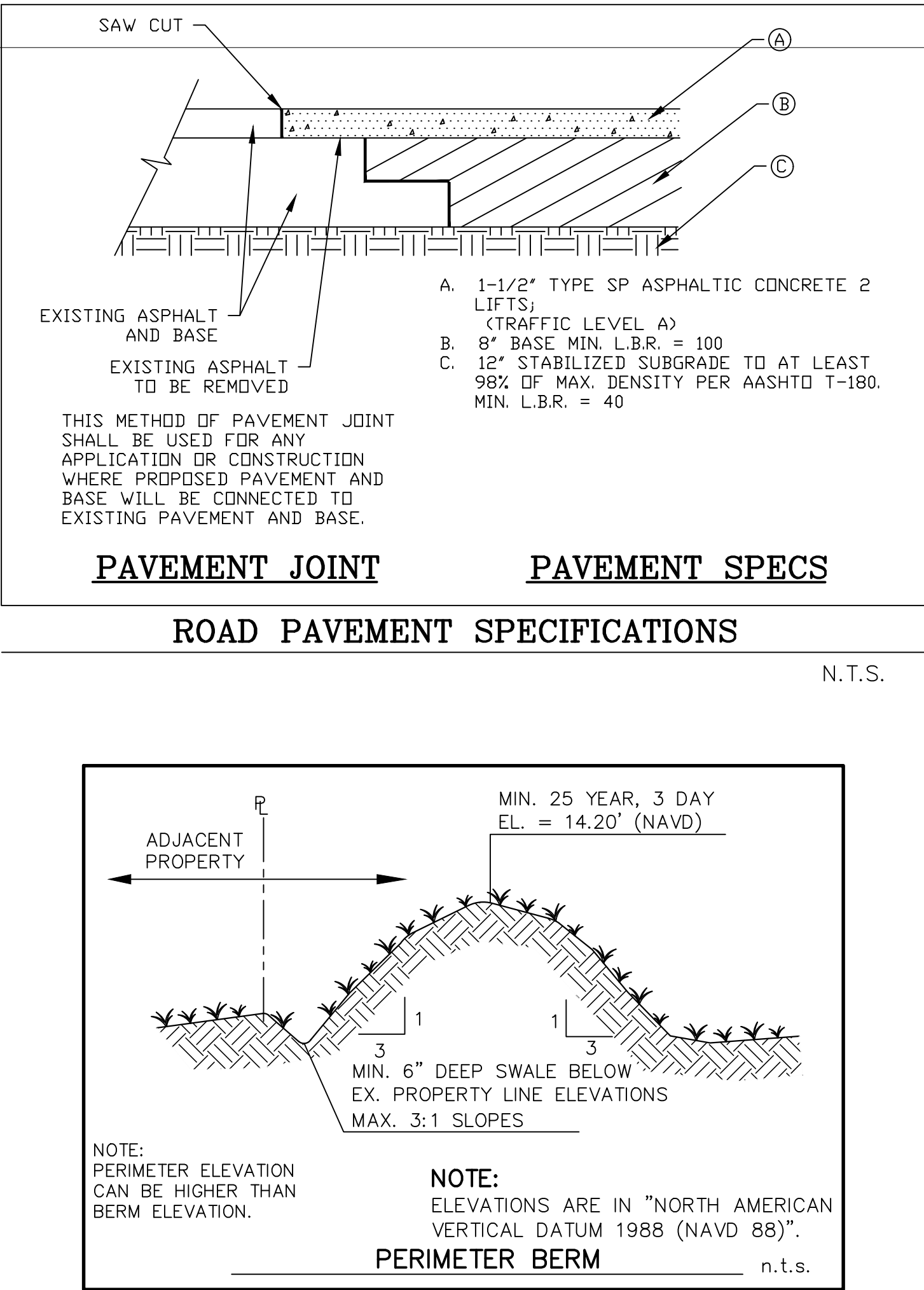
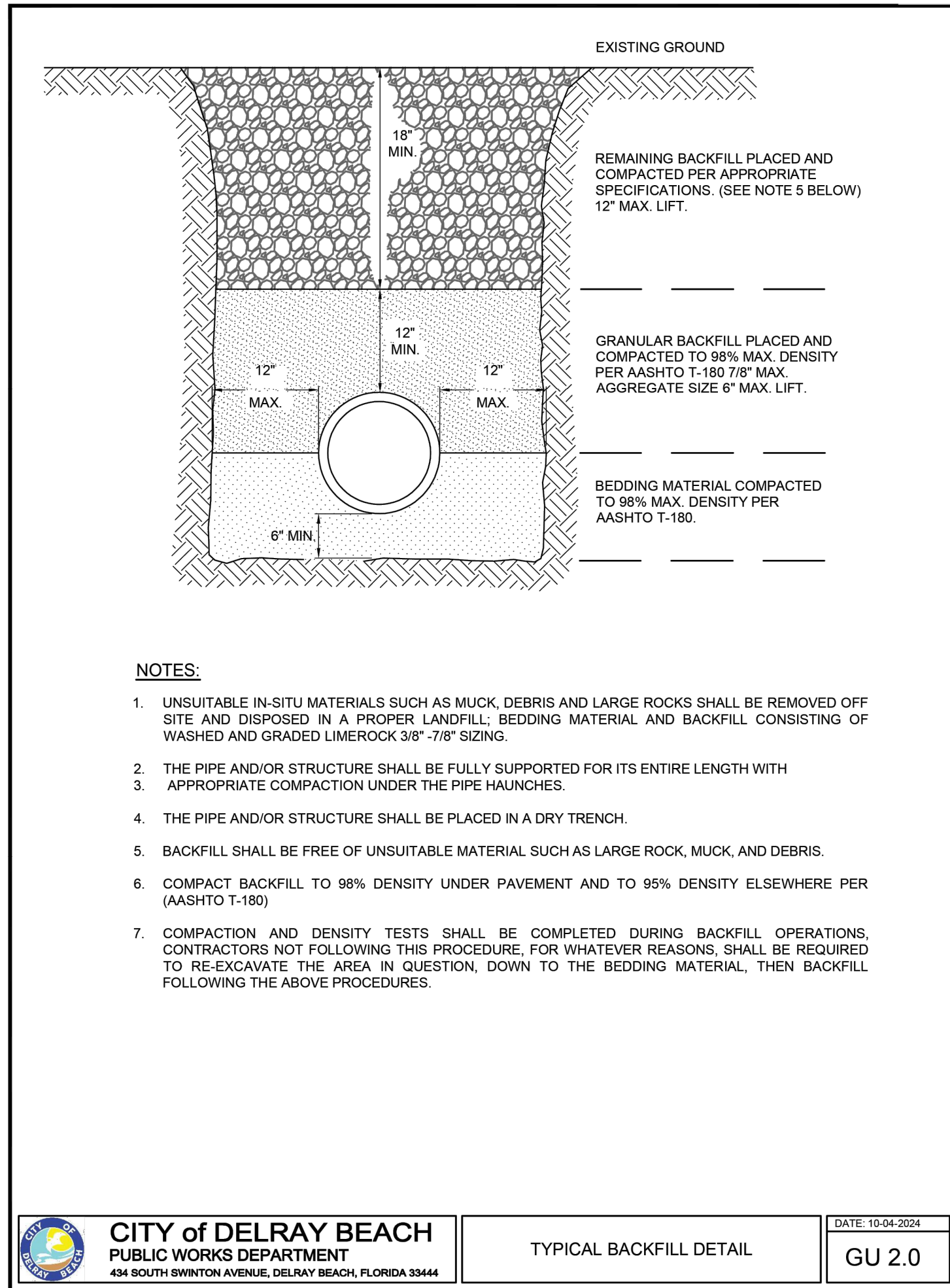
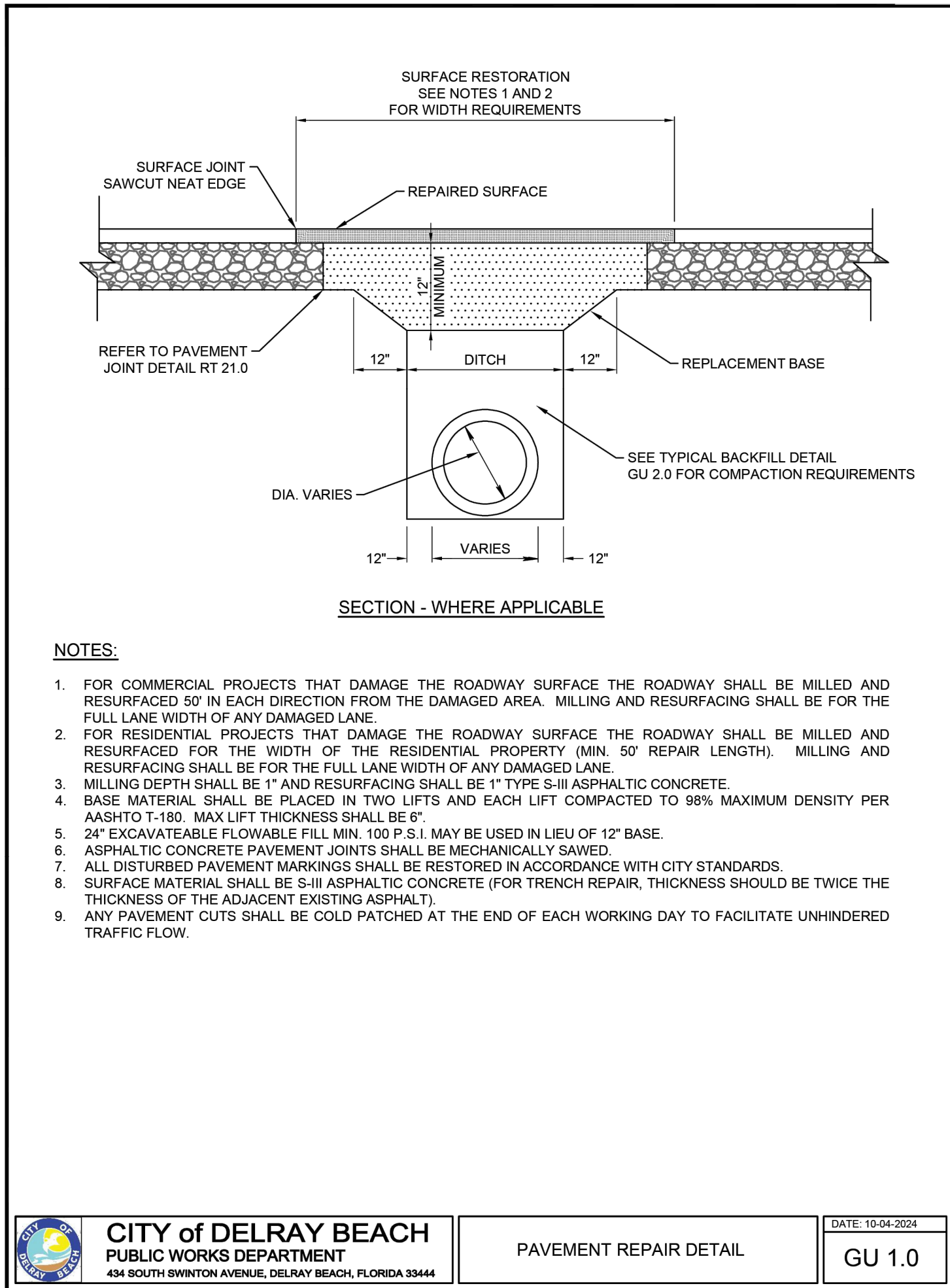
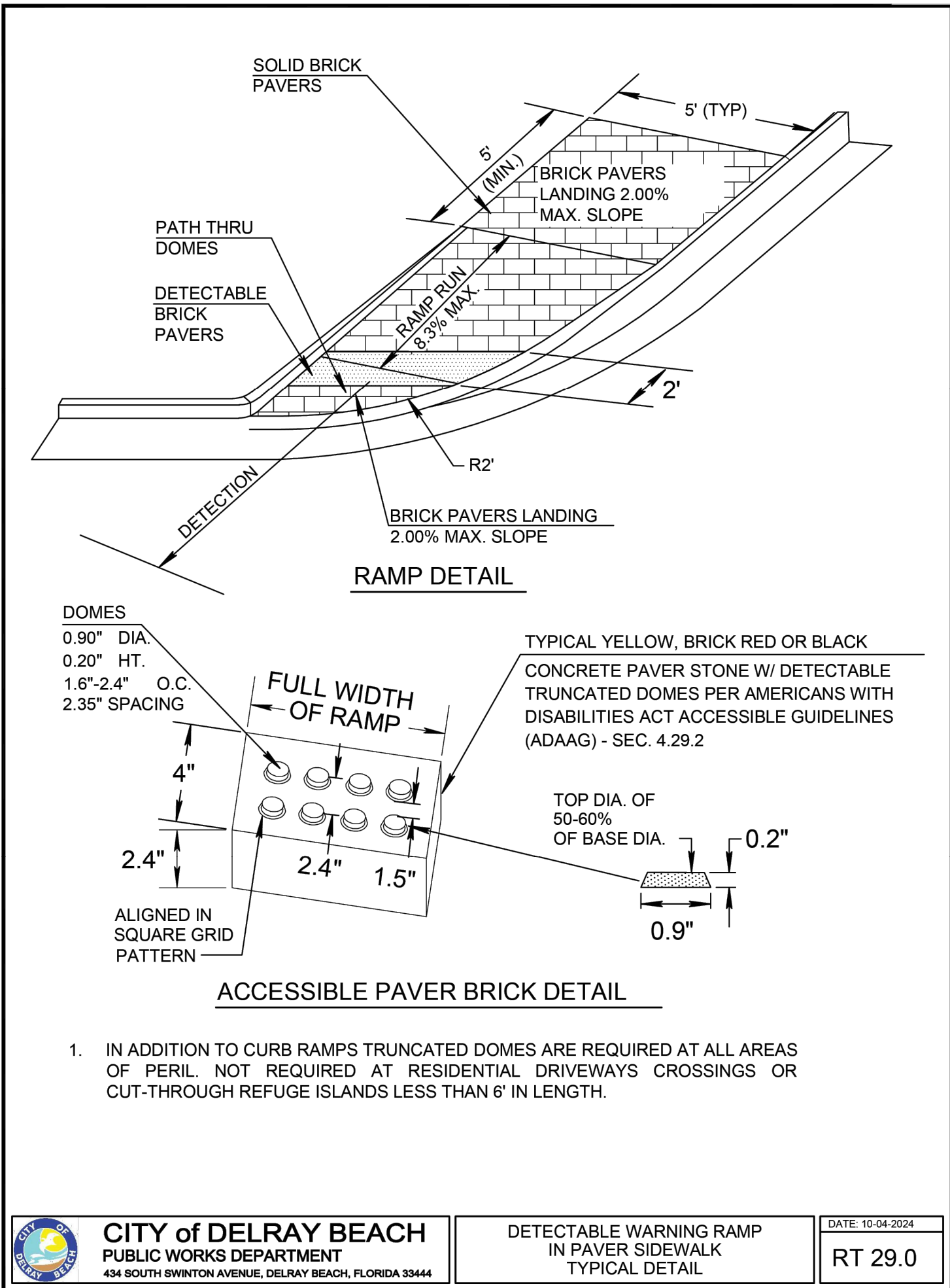
DATE: 10-04-2024
RT 28.0

ALL COUNTY PAVING PARKING LOT MODIFICATIONS
PROPOSED PAVING,
GRADING & DRAINAGE DETAILS
1180 SW 10TH ST
DELRAY BEACH, FL 33444

DATE 11/25/24
DRAWN BY JRH
F.B./ PG. ---
SCALE N/A

MATTHEW V. KAHN
PROFESSIONAL ENGINEER
LICENSE NO. 82227
STATE OF FLORIDA
FOR THE FIRM -
DATE

JOB # 10722
SHEET NO.
PD-4
OF 10 SHEETS



CAULFIELD & WHEELER, INC.
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE - SURVEYING
7900 GLADES ROAD - SUITE 100
BOCA RATON, FLORIDA 33434
PHONE (561) 392-1991 / FAX (561) 750-1452

DATE 11/25/24
DRAWN BY JRH
F.B./ PG. ---
SCALE N/A

MATTHEW V. KAHN
PROFESSIONAL ENGINEER
LICENSE NO. 82227
STATE OF FLORIDA
FOR THE FIRM

JOB # 10722
SHEET NO.
PD-5
OF 10 SHEETS

