

CONSTRUCTION PLANS

CITY-WIDE STORMDRAIN SYSTEM

PREPARED FOR:

CITY OF PARKER, FLORIDA

FEMA DISASTER # 4399DR AND #4564DR

CITY COUNCIL

MAYOR, ANDREW KELLY

COUNCIL MEMBER/MAYOR PRO-TEM, TONYA BARROW

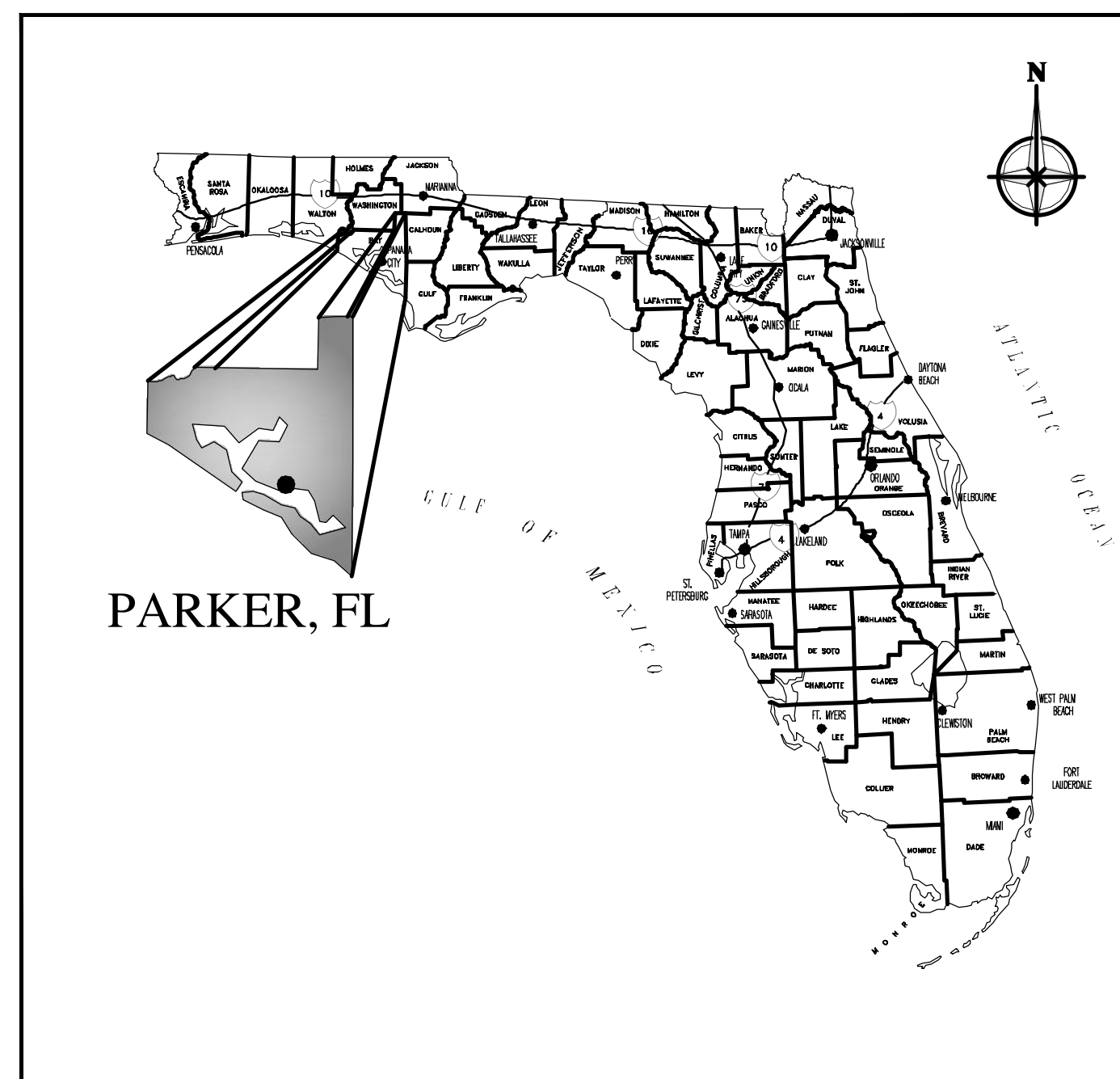
COUNCIL MEMBER, RONALD H. CHAPLE

COUNCIL MEMBER, STACIE GALBREATH

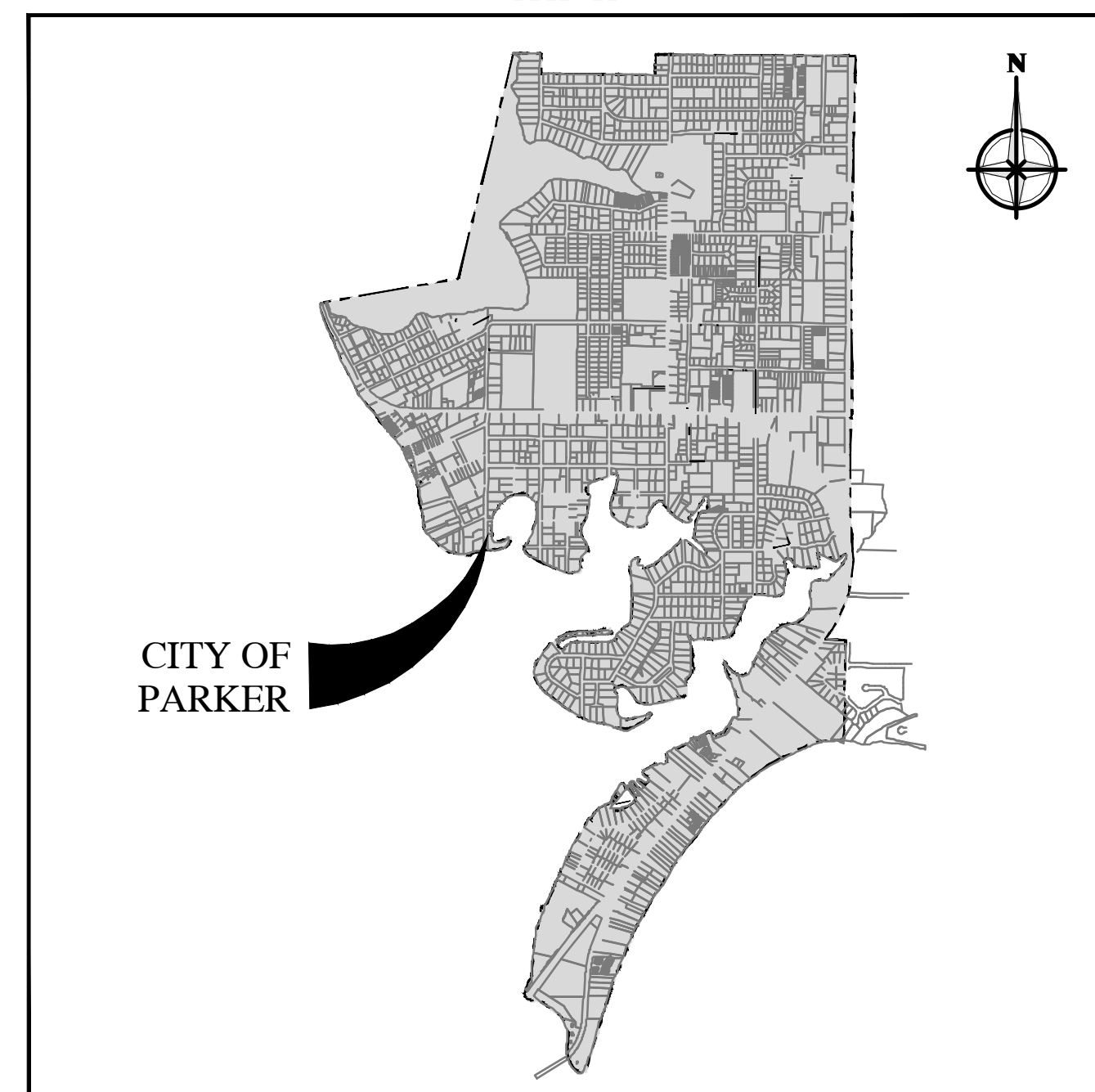
COUNCIL MEMBER, APRIL L. GIBSON



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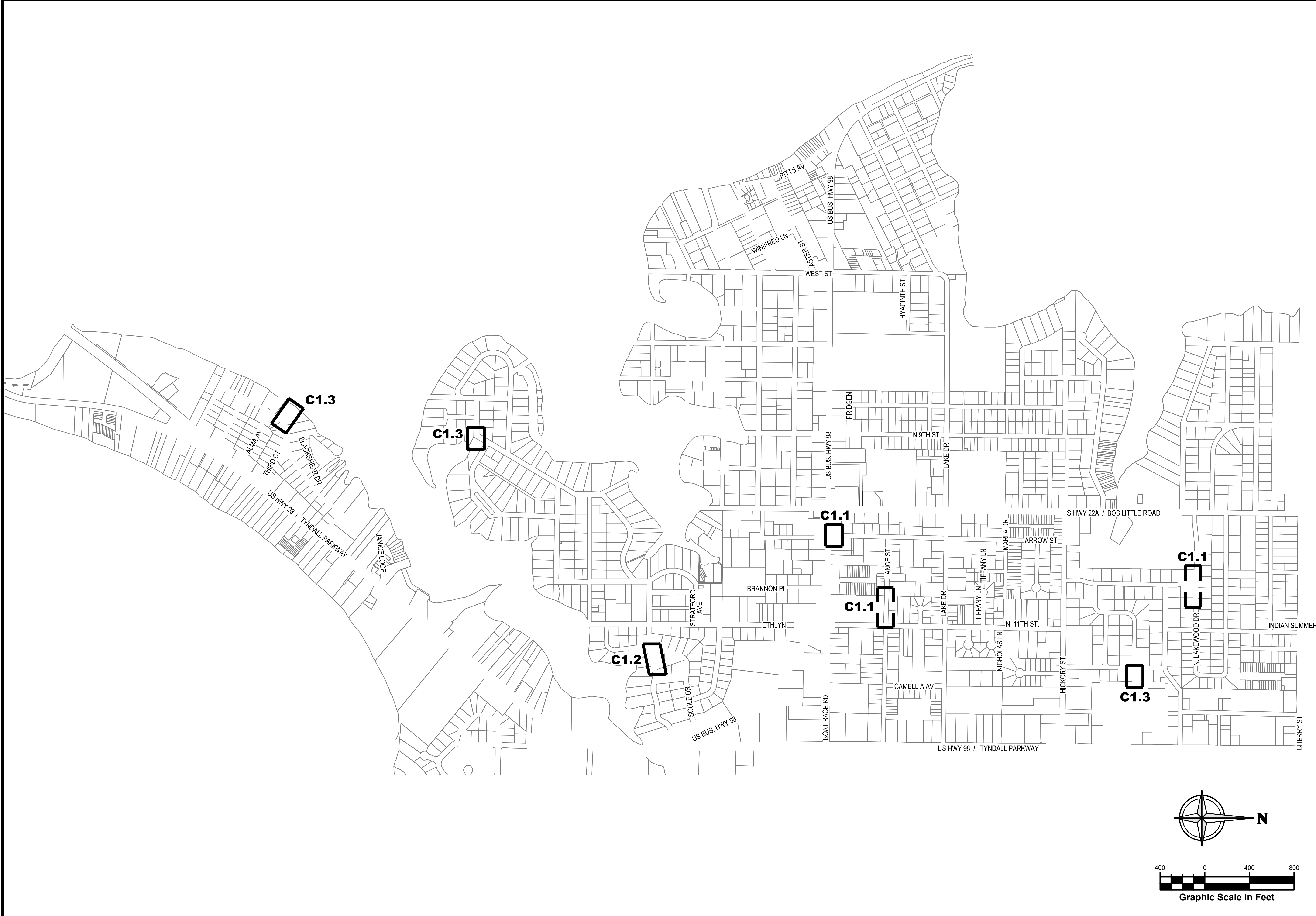
LOCATION
MAP



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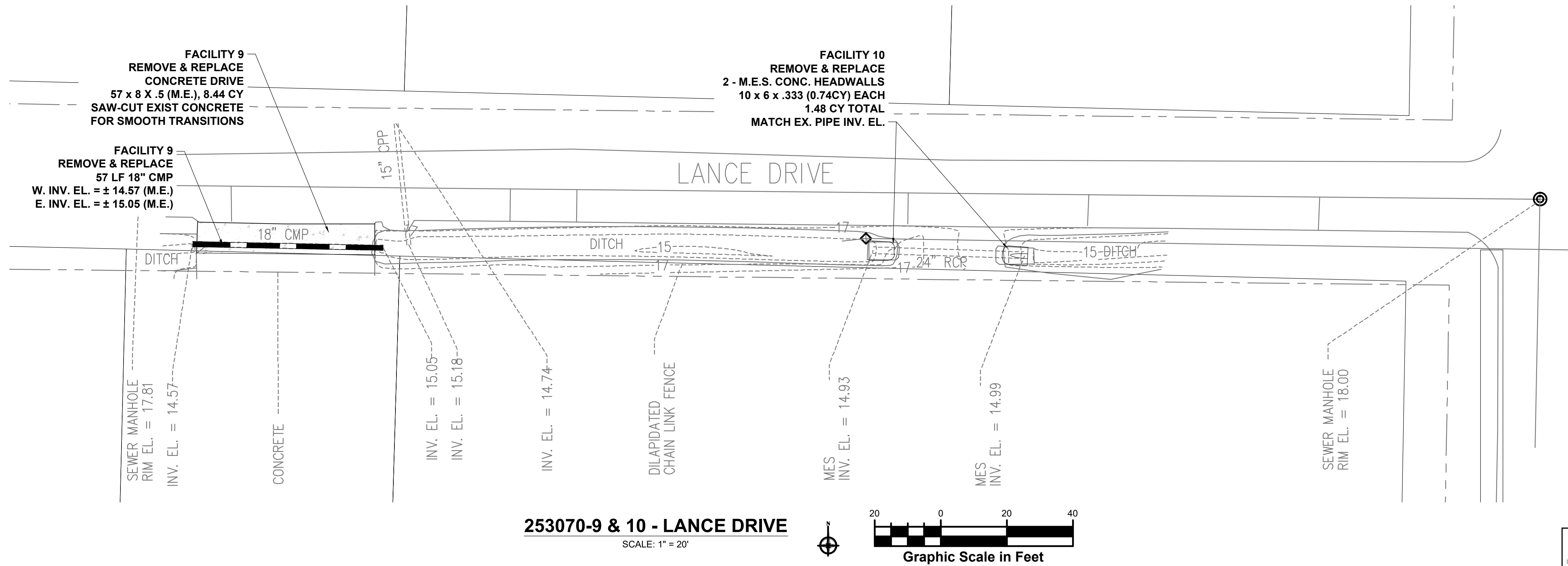
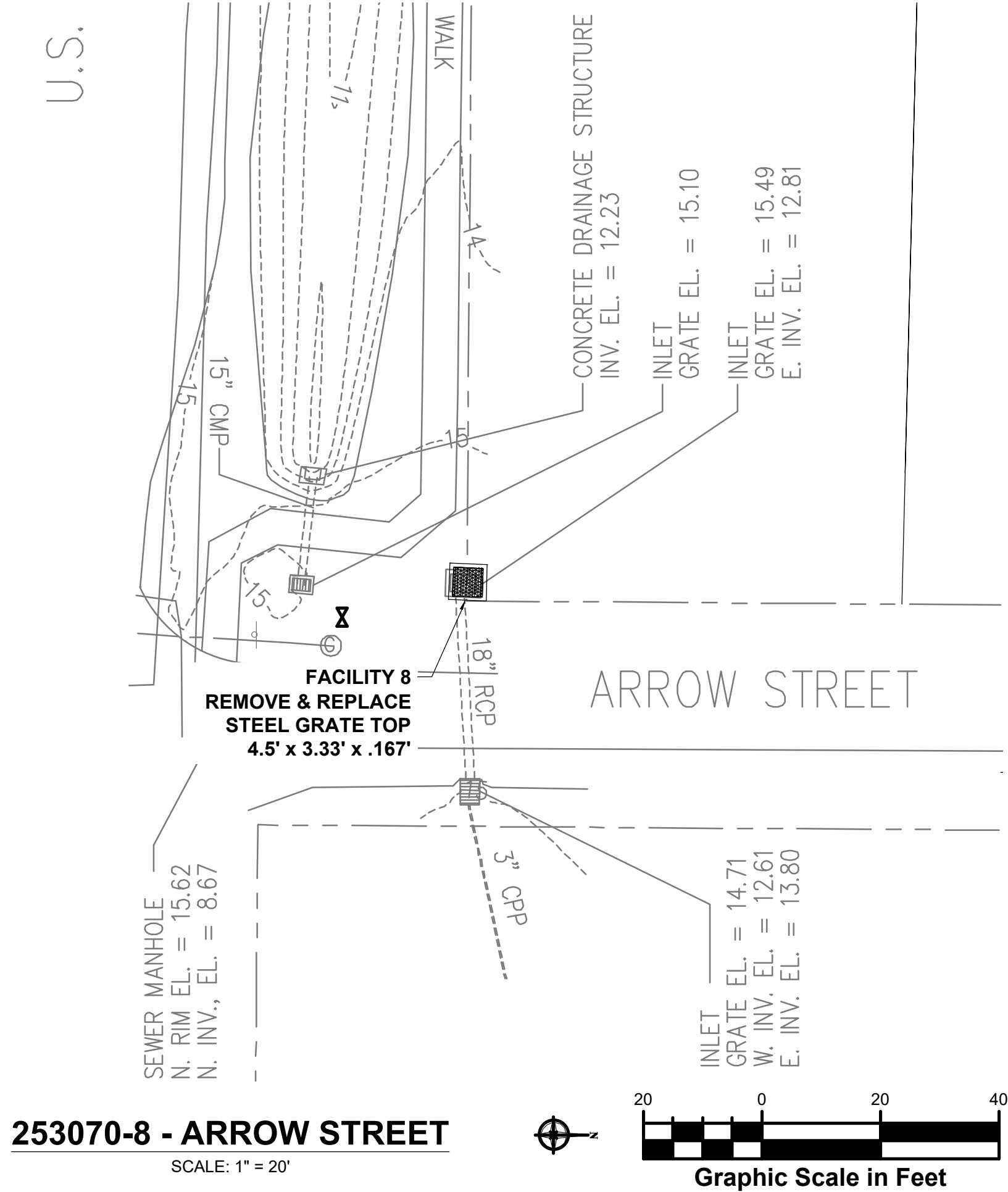
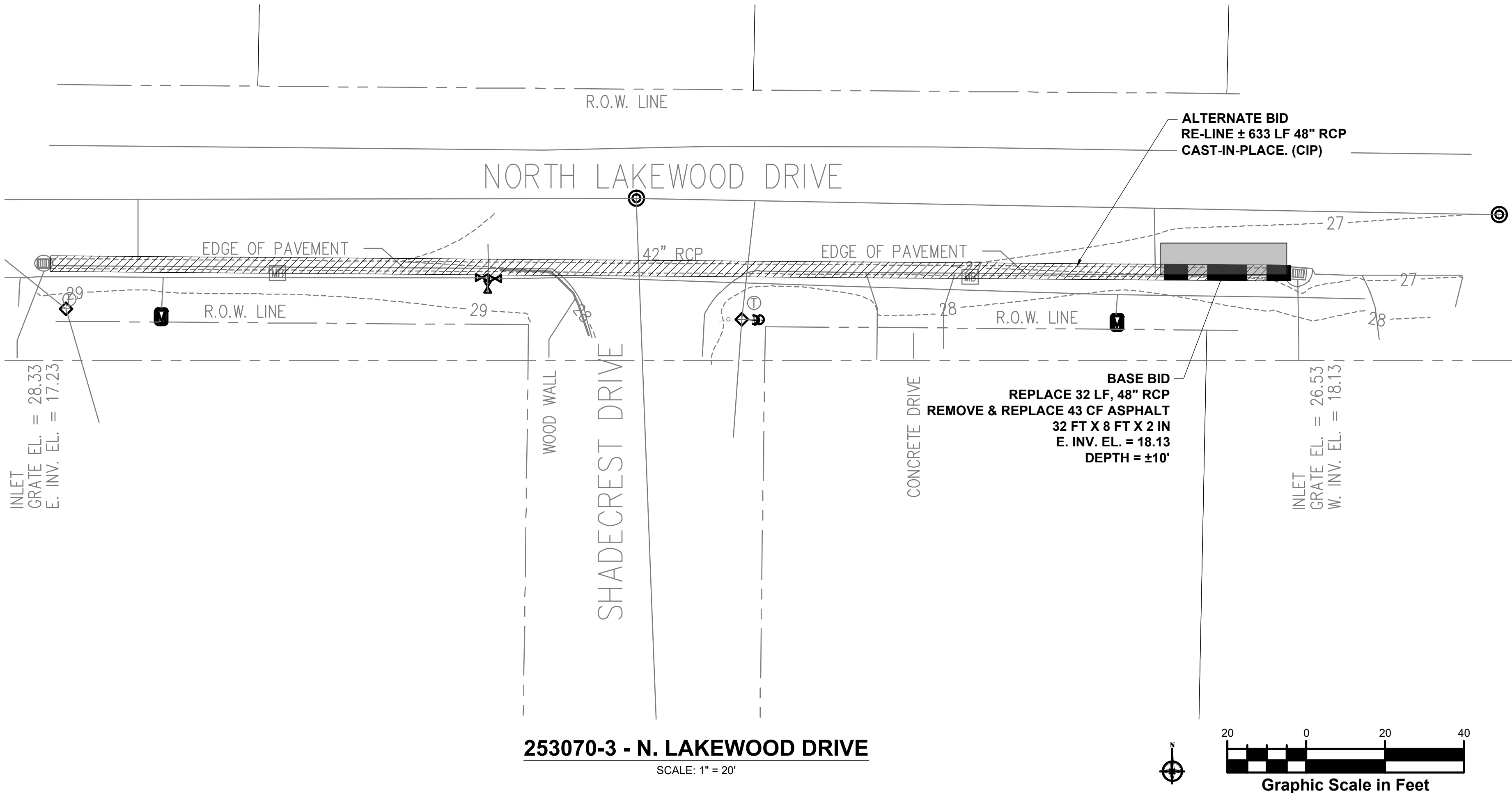
DATE: 2/4/2022



450 Magnolia Avenue, Panama City, FL 32401
P. 850.215.1285 • F. 850.215.1286
CA Number: 31422

Elizabeth S. Moore, PE
FL License No.: 57607

No.	Date	Revision
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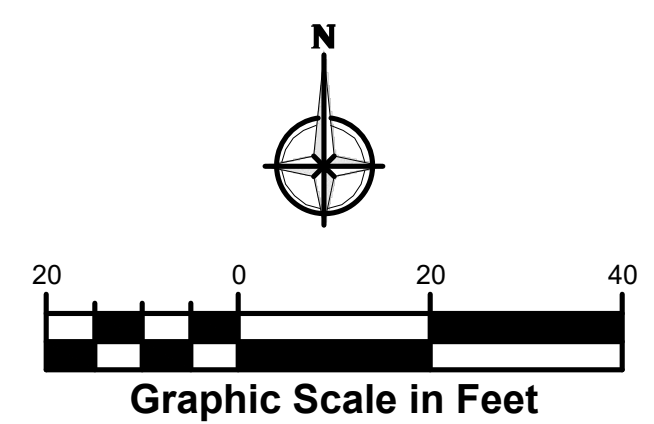
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Designed: B. SILCOX
Drawn: B. SILCOX
Checked: E. MOORE
Job No.: 1620-002
Date: 2/4/2022 © 2022

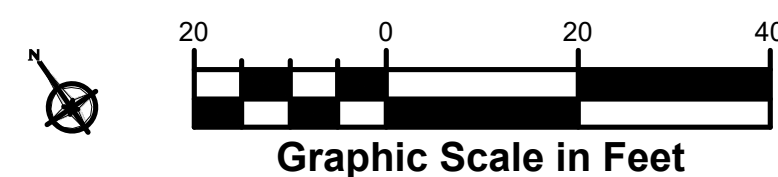
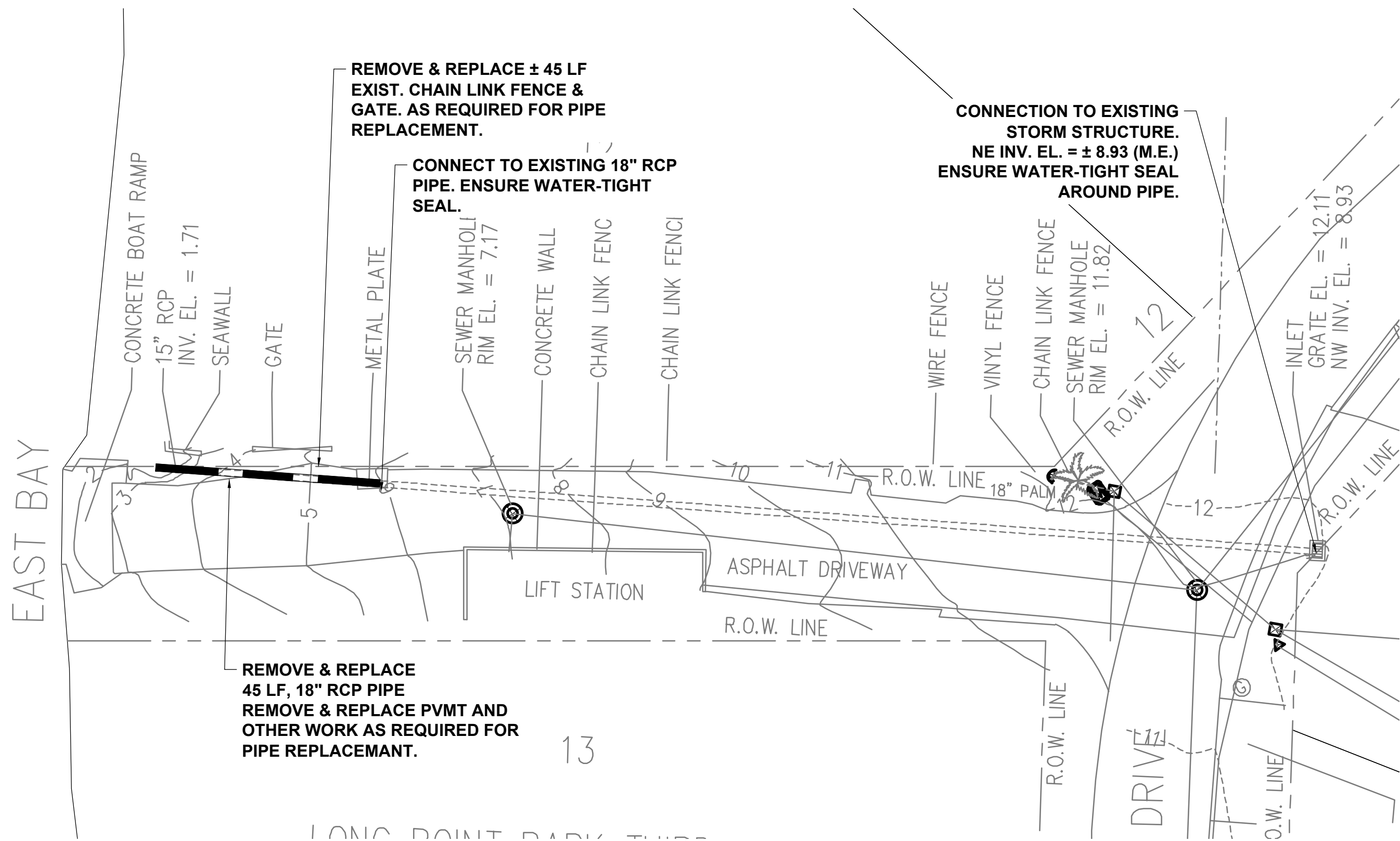
NORTH LAKEWOOD DRIVE,
ARROW STREET AND LANCE DRIVE
CITY-WIDE STORMDRAIN
SYSTEM IMPROVEMENTS
CITY OF PARKER - BAY COUNTY - FLORIDA

Sheet No.
C1.1

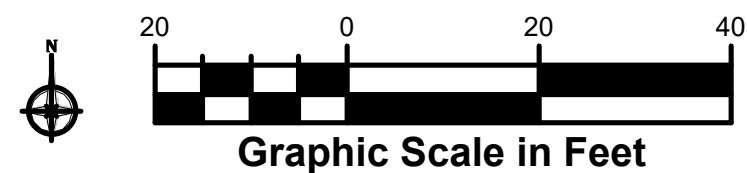
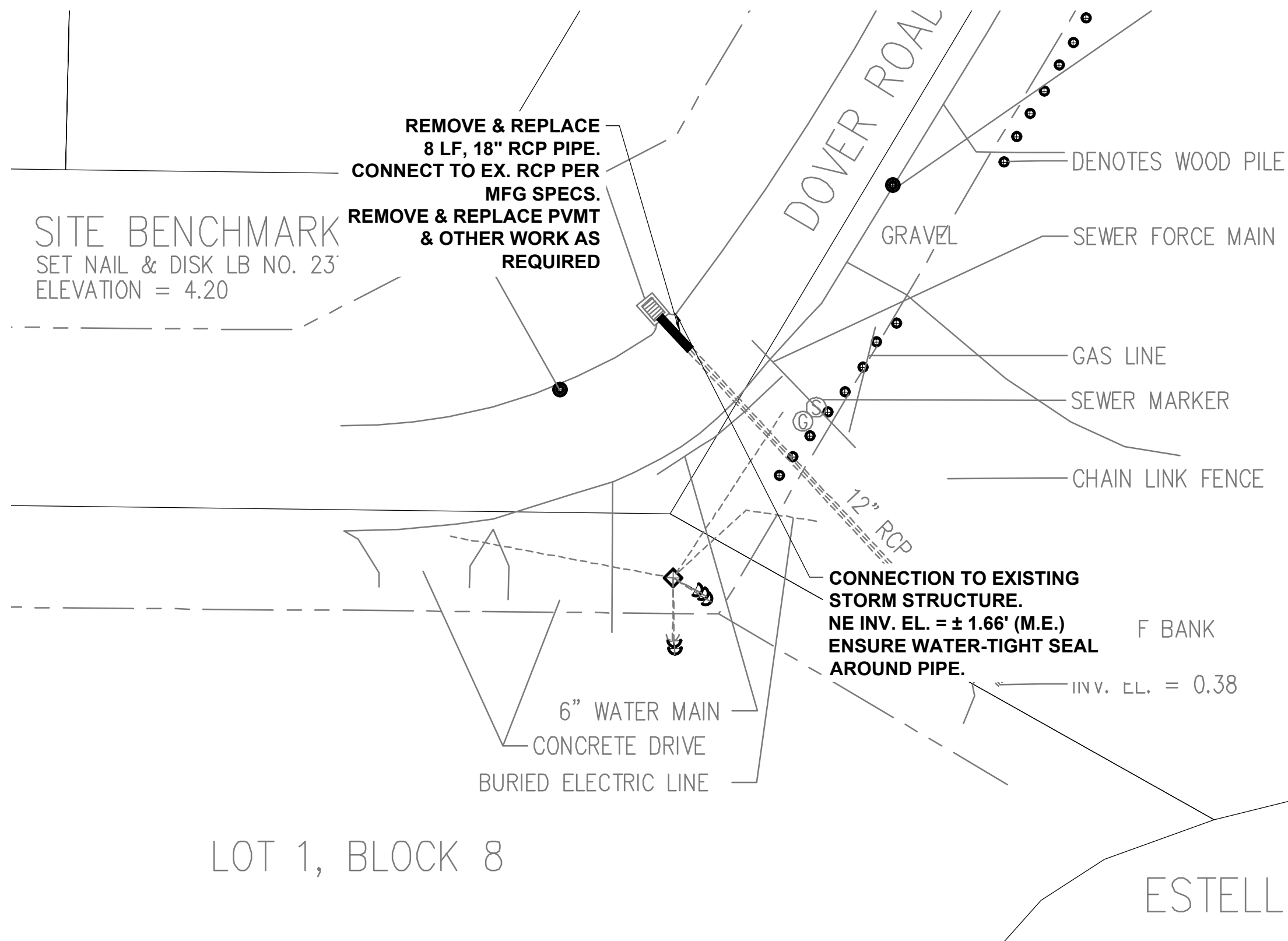




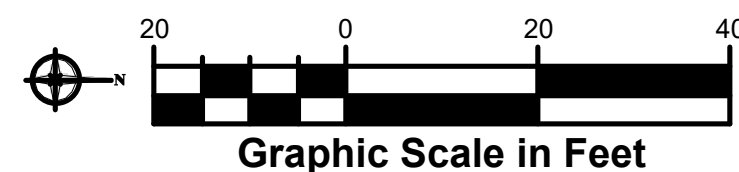
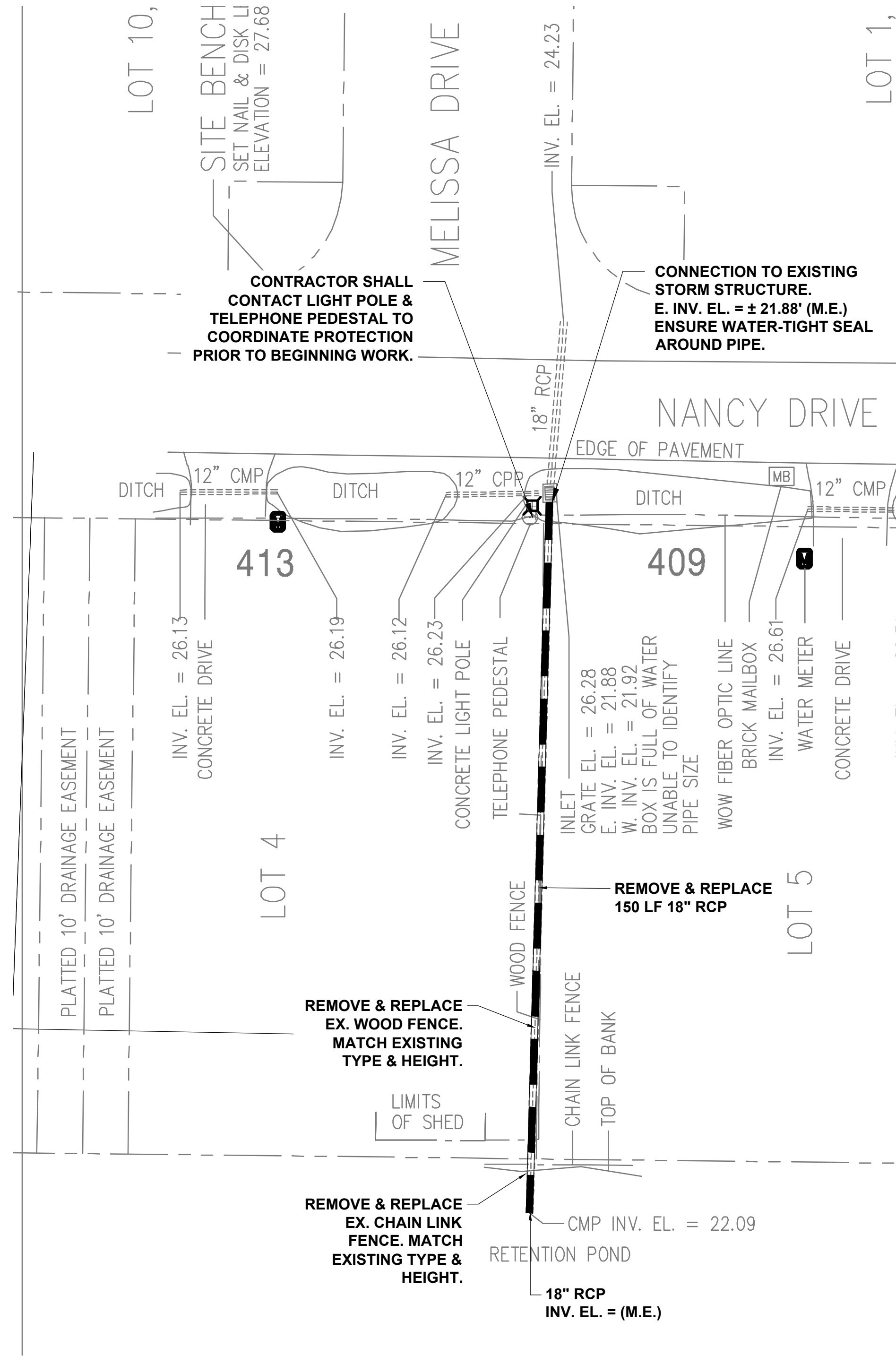
Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
(Check positive response codes before you dig)



253070-14 - BLACKSHEAR DRIVE
SCALE: 1" = 20'



DAMAGE #439865 - DOVER ROAD - CULVERT
SCALE: 1" = 20'



DAMAGE #439863 - 409-413 NANCY DRIVE
SCALE: 1" = 20'



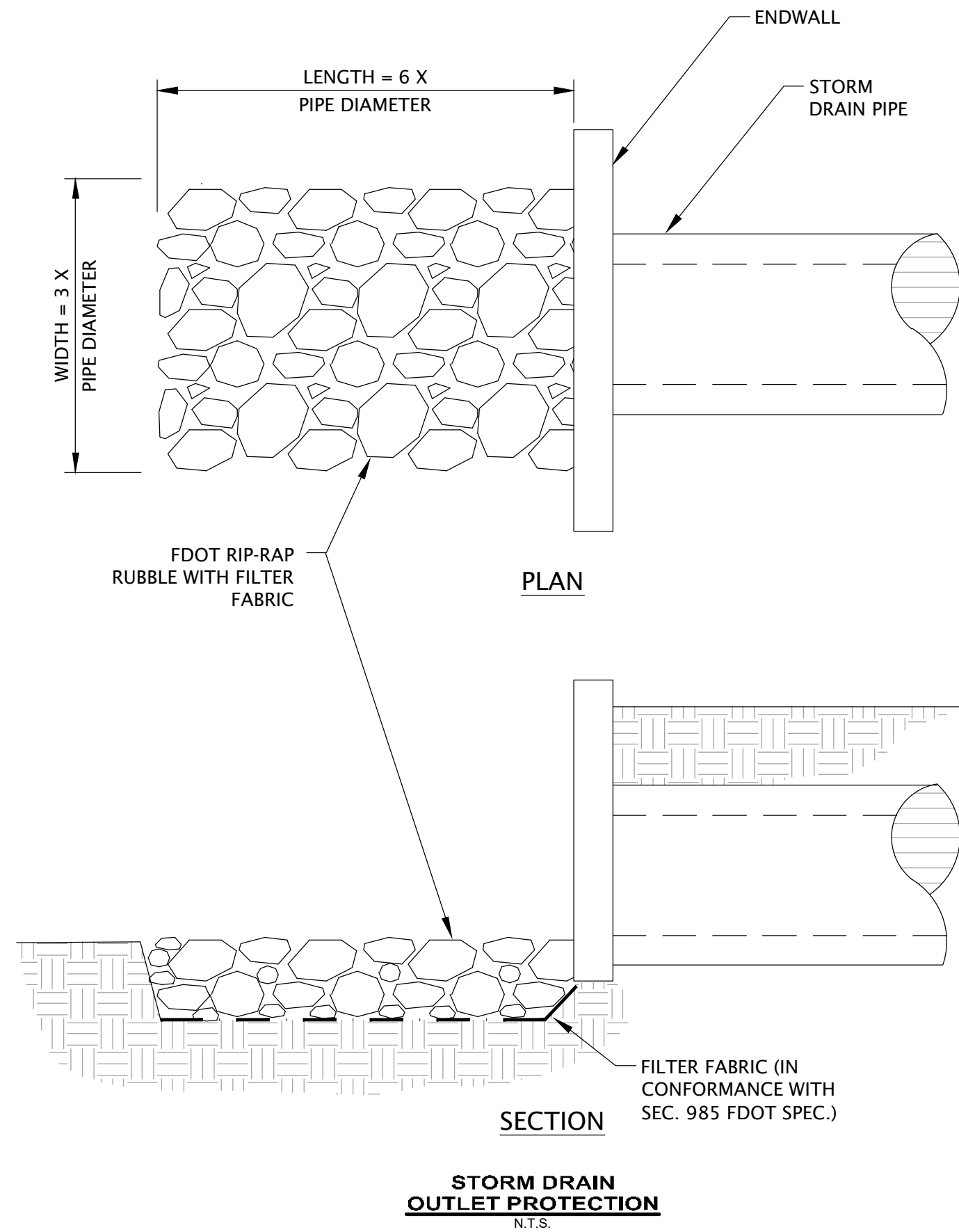
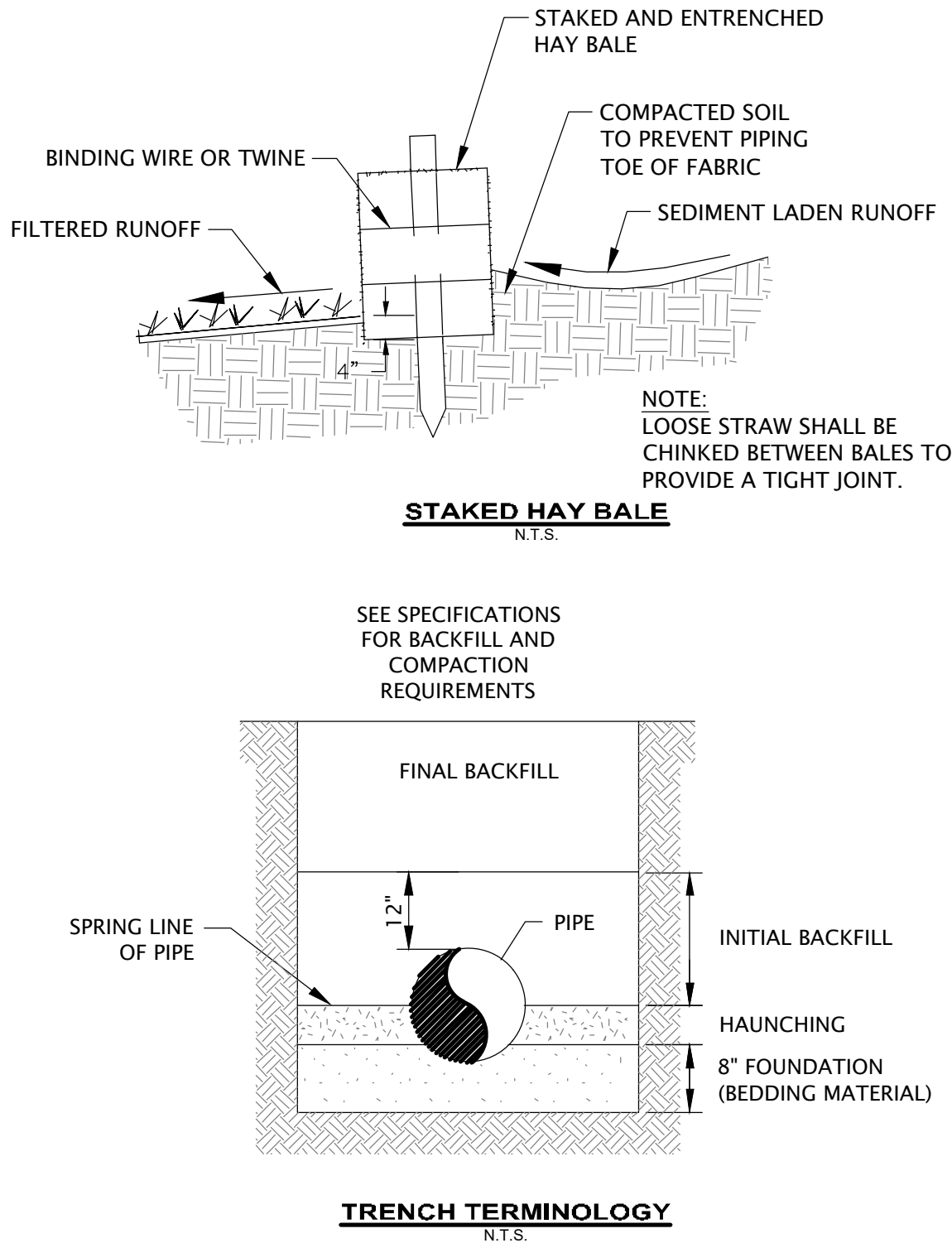
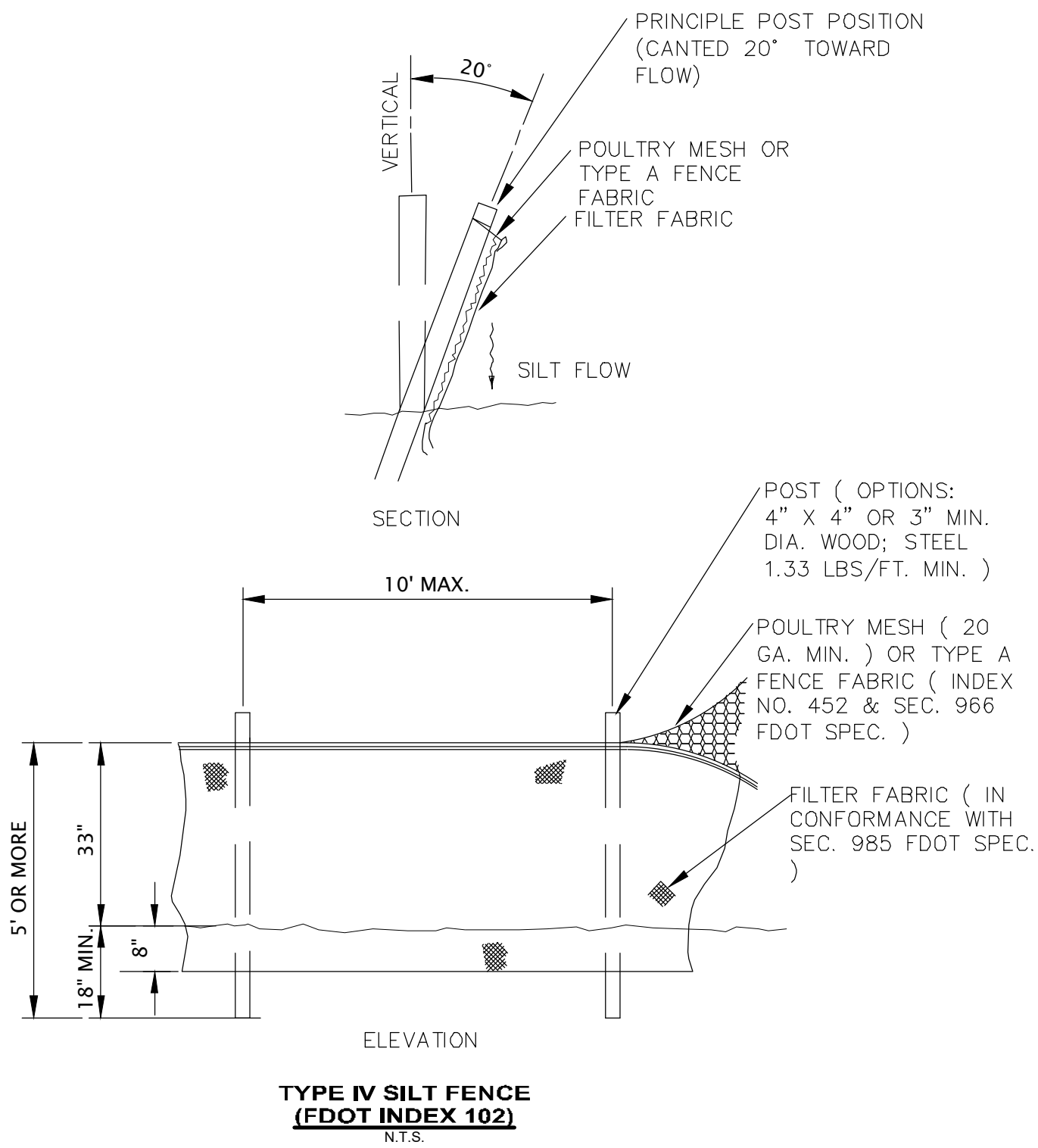
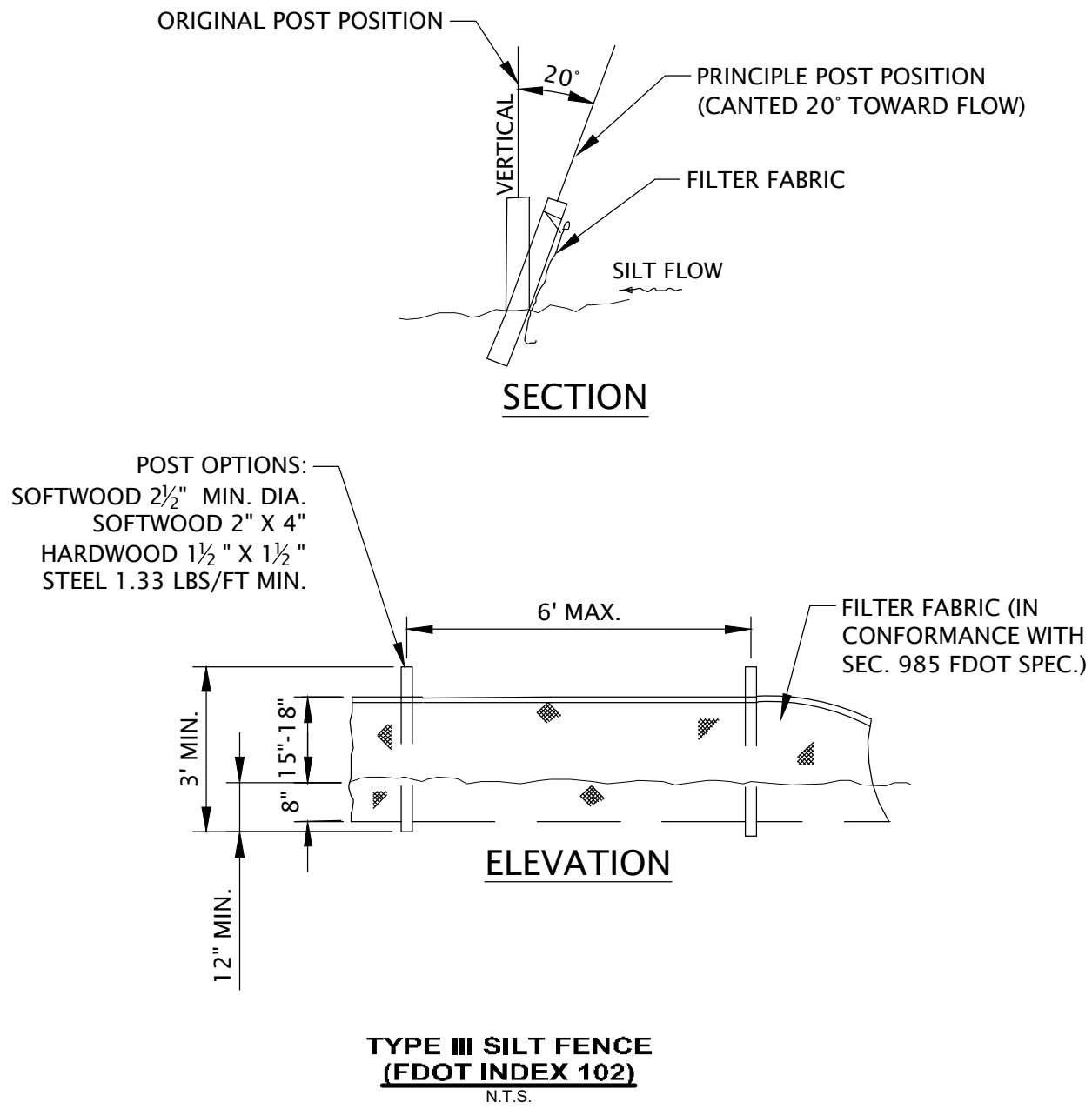
Elizabeth S. Moore, PE
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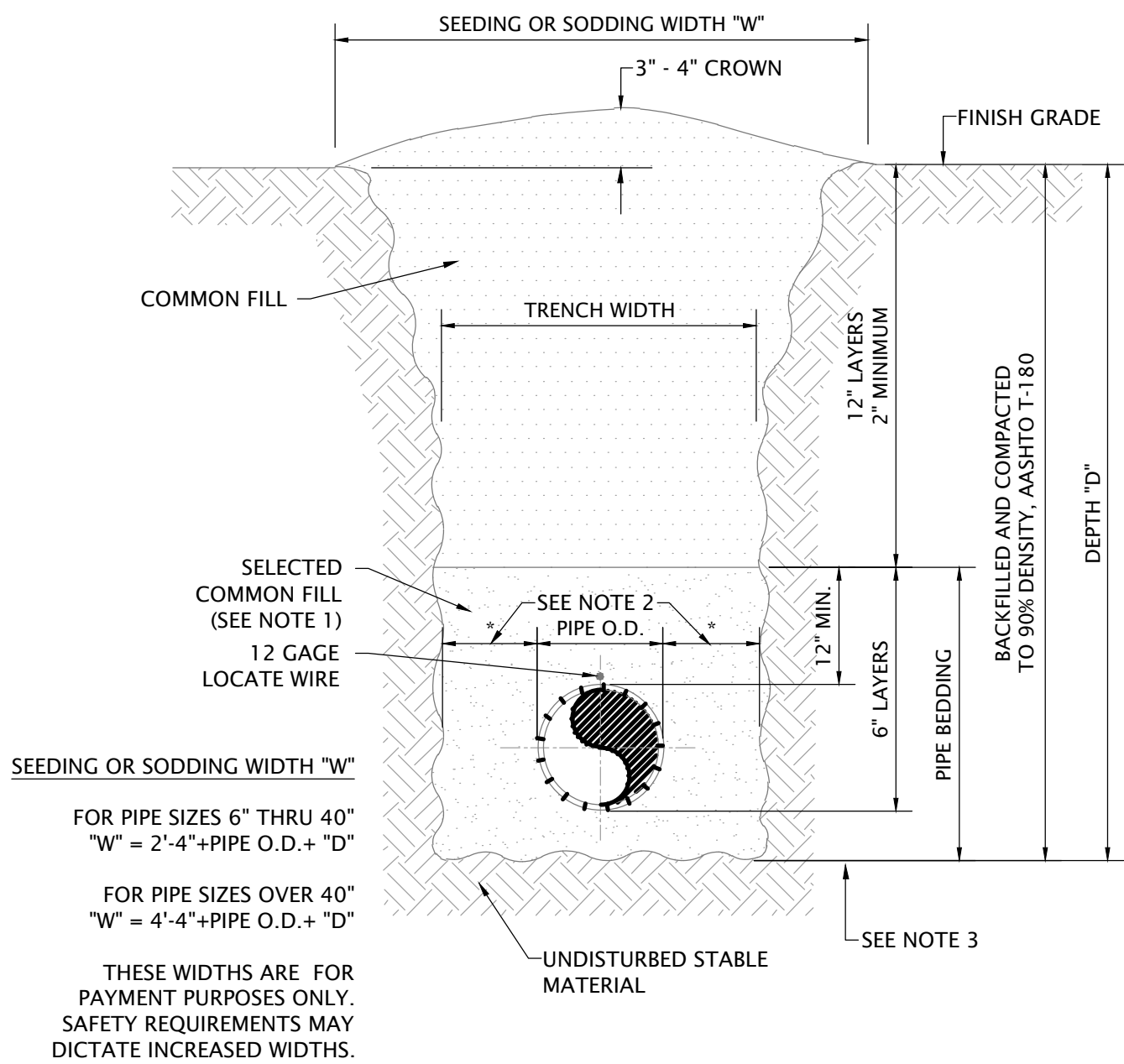
BLACKSHEAR DRIVE
DOVER ROAD AND NANCY DRIVE
CITY-WIDE STORMDRAIN
SYSTEM IMPROVEMENTS
CITY OF PARKER - BAY COUNTY - FLORIDA

Sheet No.
C1.3



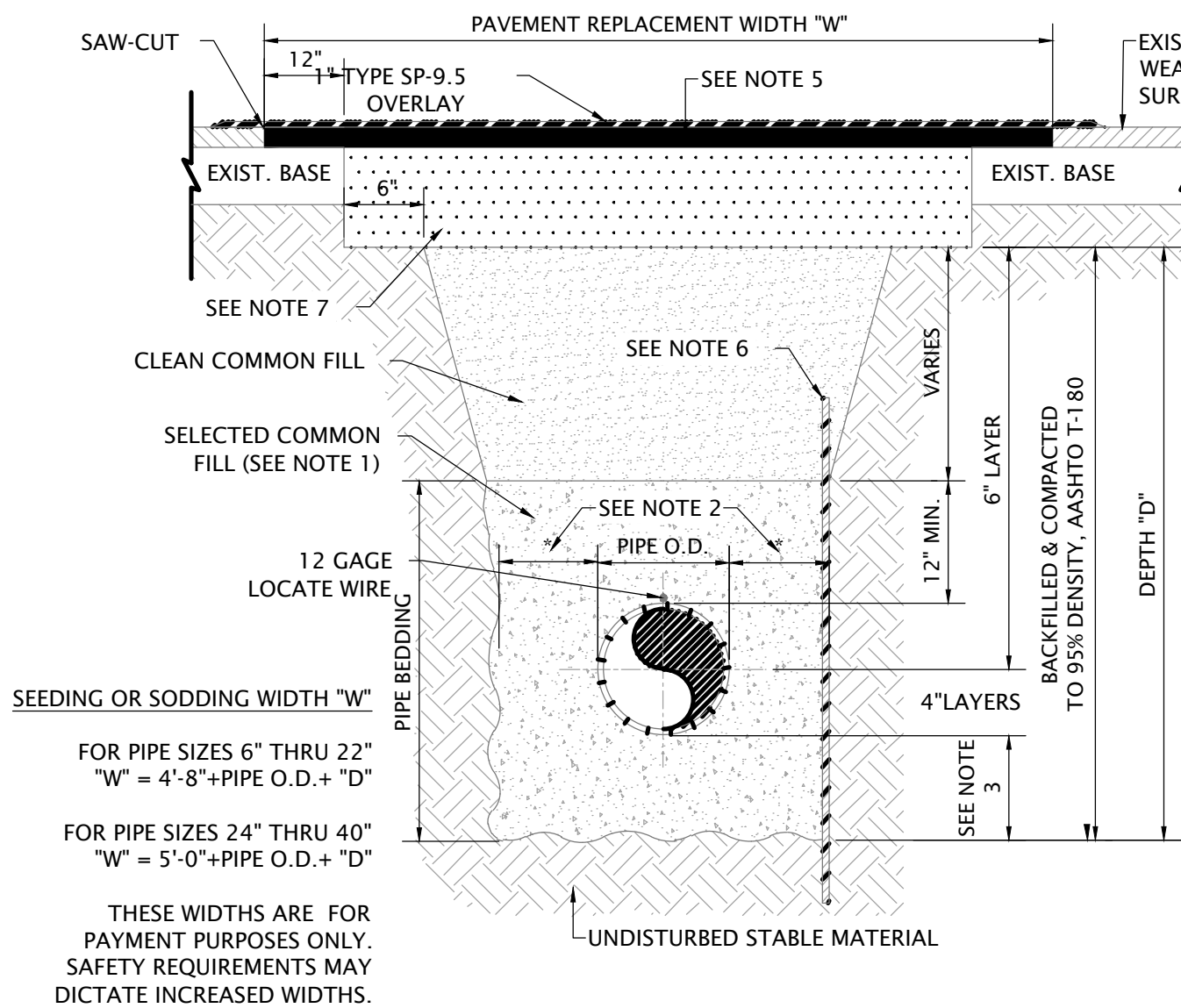
NOTES:

- USE OF TYPE A-2 AND A-3 PIPE BEDDING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 10" MAX. FOR PIPE DIAMETER LESS THAN 24"; 12" MAX. FOR PIPE 24" DIAMETER AND LESS THAN 42"; 24" MAX. FOR PIPE DIAMETER 42" AND OVER.
- 4" MAX. FOR PIPE 16" DIAMETER & LESS; 6" MAX. FOR PIPE 18" TO 36" DIAMETER; AND 9" MAX. FOR PIPE 42" DIAMETER AND LARGER.
- INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.



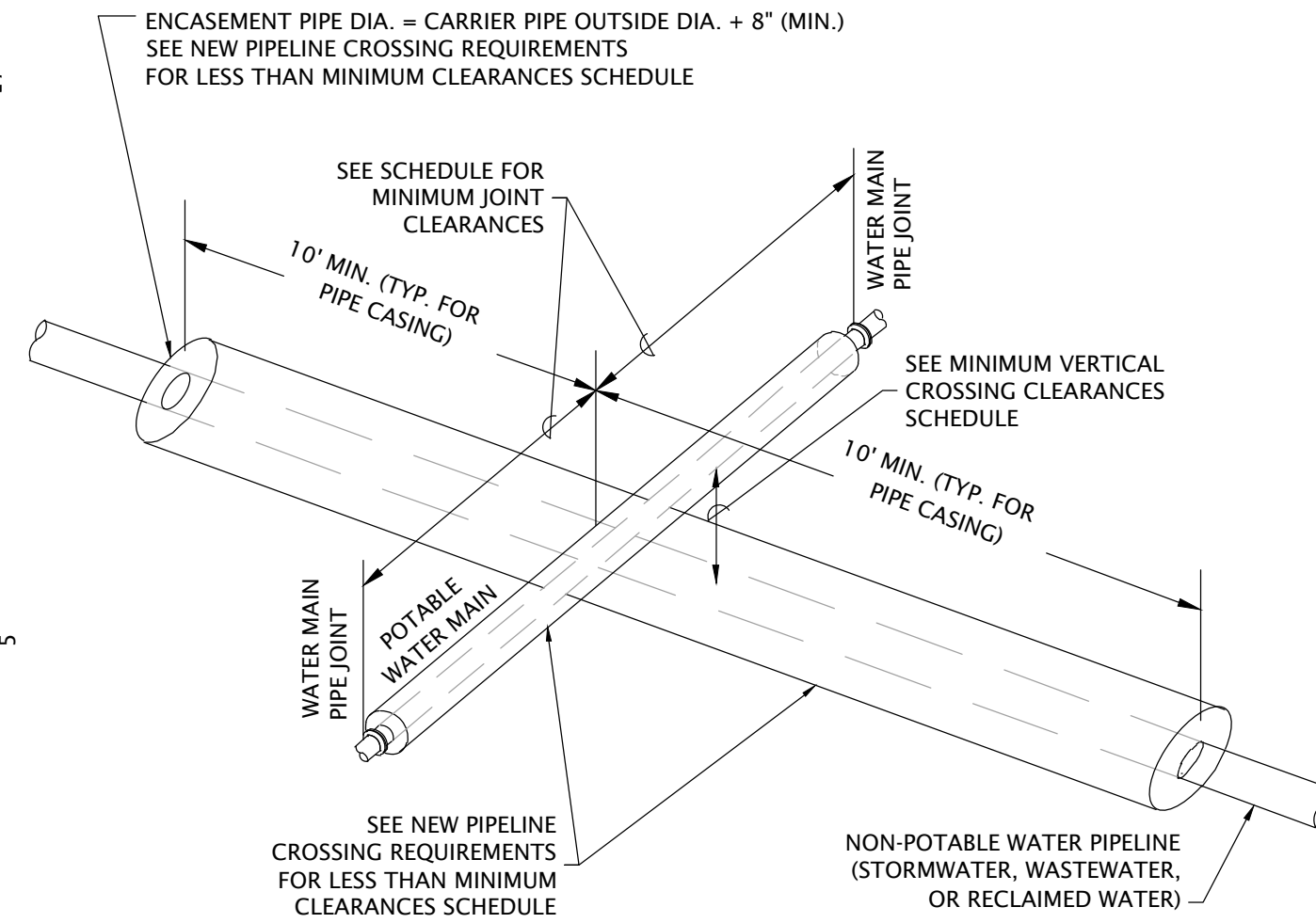
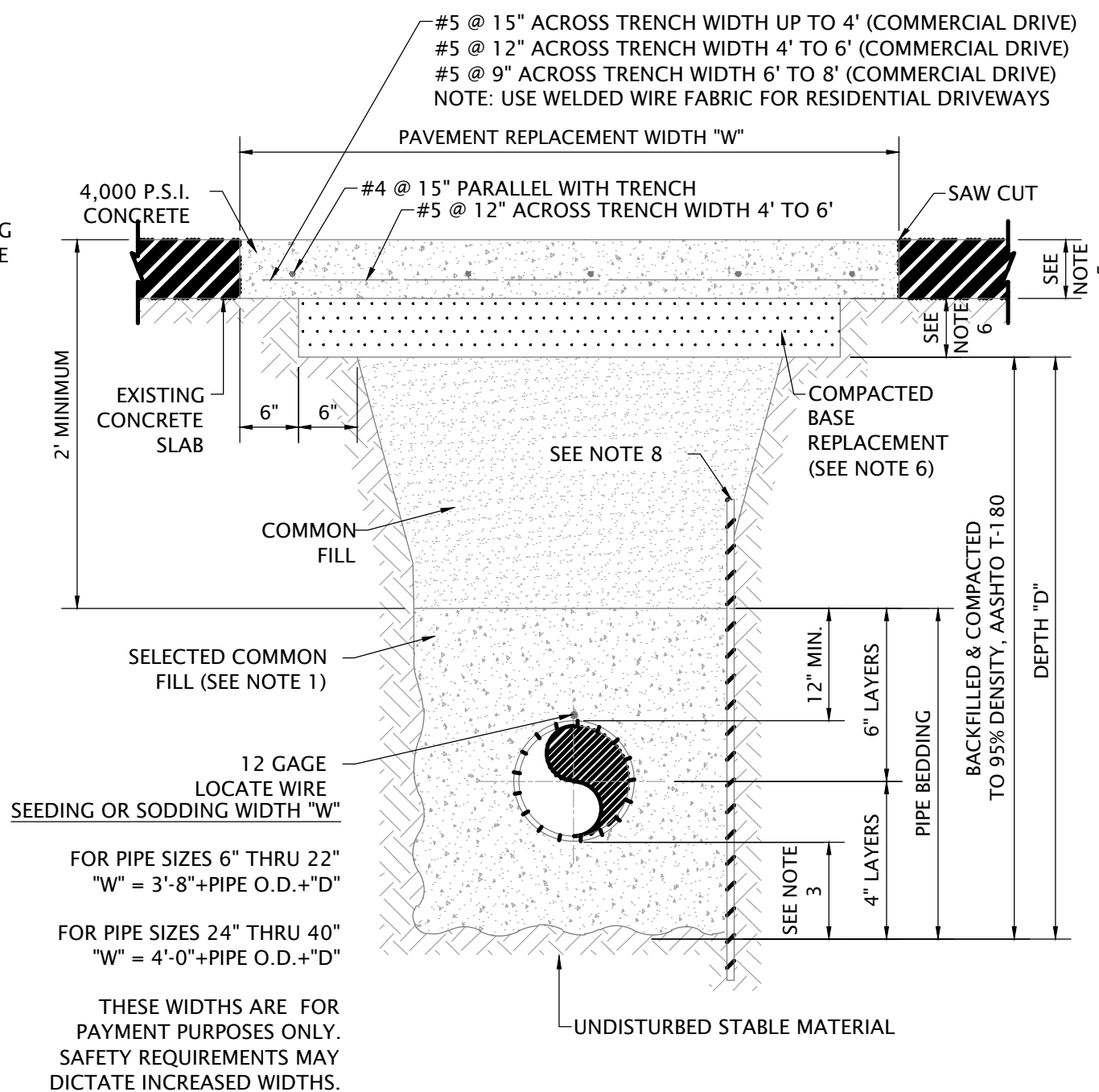
NOTES:

- USE OF TYPE A-2 AND A-3 PIPE BEDDING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 10" MAX. FOR PIPE DIAMETERS LESS THAN 24"; 12" MAX. FOR PIPE DIAMETER 24" AND LESS THAN 42"; 24" MAX. FOR PIPE DIAMETER 42" AND OVER.
- 4" MAX. FOR PIPE 16" DIAMETER & LESS; 6" MAX. FOR PIPE 18" TO 36" DIAMETER; AND 9" MAX. FOR PIPE 42" DIAMETER AND LARGER.
- INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- WEARING SURFACE TO BE SAME TYPE & THICKNESS (1-1/2" MIN.) AS EXISTING PAVEMENT.
- SHEETING ORDERED LEFT IN PLACE TO BE CUT OFF 24" BELOW FINISHED GRADE OR 12" BELOW SUB-GRADE.
- BASE SHALL BE 8" MINIMUM THICKNESS LIMEROCK OR CRUSHED CONCRETE BASE, OR APPROVED EQUAL.
- BACKFILL AASHTO M-145 SHALL BE PLACED IN LAYERS NOT TO EXCEED 6 INCHES. EACH LAYER SHALL BE THOROUGHLY TAMPED AND/OR ROLLED TO 95% AASHTO T-180 DENSITY.
- TEMPORARY PATCHES WILL BE INSTALLED TO PROVIDE A SMOOTH ALL WEATHER SURFACE AT ALL TIMES. PERMANENT REPLACEMENT TO BE MADE AS SOON AS POSSIBLE.
- NOTES 5, THRU 9, ARE MINIMUM REQUIREMENTS. REFER TO F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS FOR ADDITIONAL REQUIREMENTS.



NOTES:

- USE OF TYPE A-2 AND A-3 PIPE BEDDING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 10" MAX. FOR PIPE DIAMETER LESS THAN 24"; 12" MAX. FOR PIPE DIAMETER 24" AND LESS THAN 42"; 24" MAX. FOR PIPE DIAMETER 42" AND OVER.
- 4" MAX. FOR PIPE 16" DIAMETER & LESS; 6" MAX. FOR PIPE 18" TO 36" DIAMETER; AND 9" MAX. FOR PIPE 42" DIAMETER AND LARGER.
- INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- MATCH EXISTING THICKNESS FOR CONCRETE DRIVEWAYS OR 6" MINIMUM. MATCH EXISTING THICKNESS FOR CONCRETE SIDEWALKS OR 4" MINIMUM. WHICHEVER IS GREATER.
- THICKNESS TO MATCH EXISTING OR BE 8" MINIMUM, WHICHEVER IS GREATER.
- IF ANY PART OF REQUIRED SAW-CUT REMOVAL COMES WITHIN 3 FT. OF EXISTING JOINT ON EITHER SIDE OF TRENCH, REMOVE AND REPLACE TO EXISTING JOINT.
- SHEETING ORDERED LEFT IN PLACE TO BE CUT OFF 24" BELOW FINISHED GRADE OR 12" BELOW SUB-GRADE.



- MINIMUM VERTICAL CROSSING CLEARANCES**
- WATER MAIN ABOVE STORMWATER (GRAVITY) OR WASTEWATER (GRAVITY & VACUUM) 6" (MIN.) 12" (PREFERRED)
 - WATER MAIN BELOW STORMWATER (GRAVITY) OR WASTEWATER (GRAVITY & VACUUM) 12" (MIN.)
 - WATER MAIN ABOVE OR BELOW STORMWATER, WASTEWATER & RECLAIMED WATER (PRESSURE) 12" (MIN.)
- MINIMUM WATER MAIN JOINT SPACING**
- STORMWATER (GRAVITY & PRESSURE), WASTEWATER (VACUUM) OR RECLAIMED WATER (PRESSURE): 3' O.C.
 - WASTEWATER (GRAVITY & PRESSURE): 6' O.C.
- NEW PIPELINE CROSSING REQUIREMENTS FOR LESS THAN MINIMUM VERTICAL CROSSING CLEARANCES**
- POTABLE WATER MAIN:
WATER MAIN OR WATER MAIN IN CASING PIPE OF AWWA C-150 DUCTILE IRON PIPE (DIP):
4"-12" - CLASS 350 OR EQUIVALENT WALL STRENGTH PIPE
14"-24" - CLASS 250 OR EQUIVALENT WALL STRENGTH PIPE
30"+ - CLASS 150 OR EQUIVALENT WALL STRENGTH PIPE
 - WASTEWATER / RECLAIMED WATER MAIN:
WASTEWATER / RECLAIMED WATER MAIN OR WASTEWATER / RECLAIMED WATER MAIN IN CASING PIPE OF AWWA C-150 DUCTILE IRON PIPE (DIP):
4"-12" - CLASS 350 OR EQUIVALENT WALL STRENGTH PIPE
14"-24" - CLASS 250 OR EQUIVALENT WALL STRENGTH PIPE
30"+ - CLASS 150 OR EQUIVALENT WALL STRENGTH PIPE



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STANDARD DETAILS
CITY-WIDE STORMDRAIN
SYSTEM IMPROVEMENTS
CITY OF PARKER - BAY COUNTY - FLORIDA

Sheet No.

C3.1