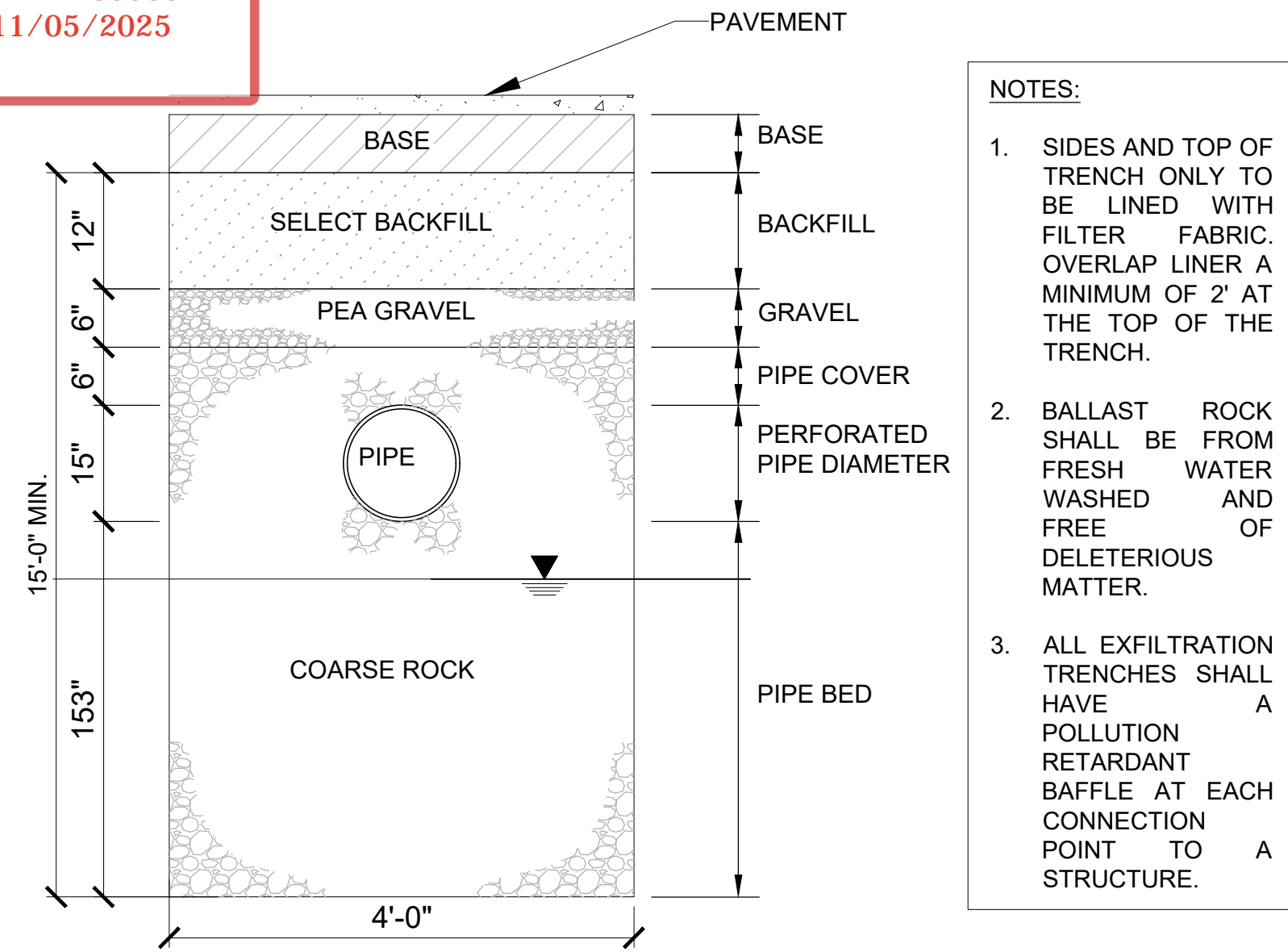
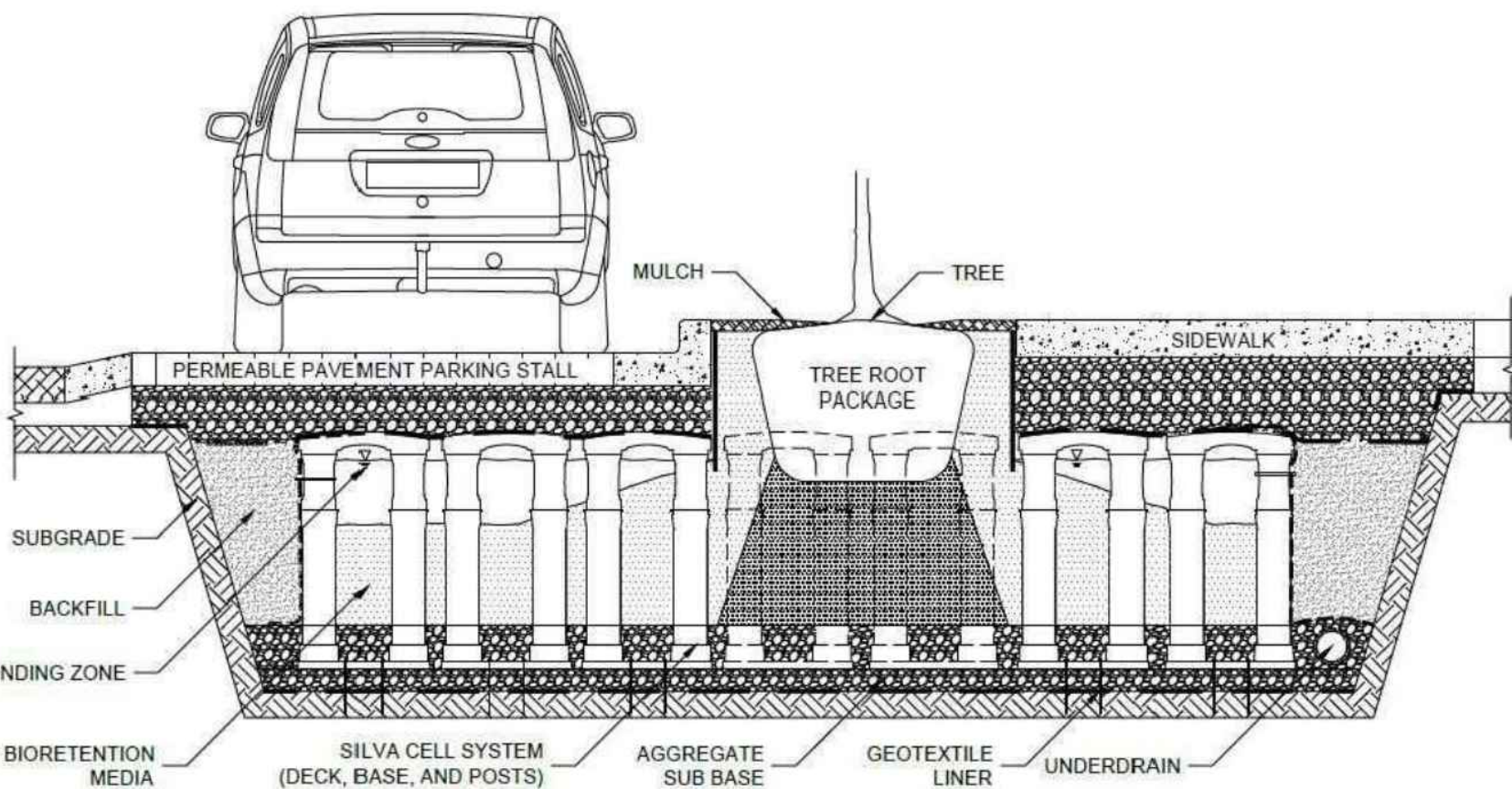


DRC

PZ22- 12000032
11/05/2025

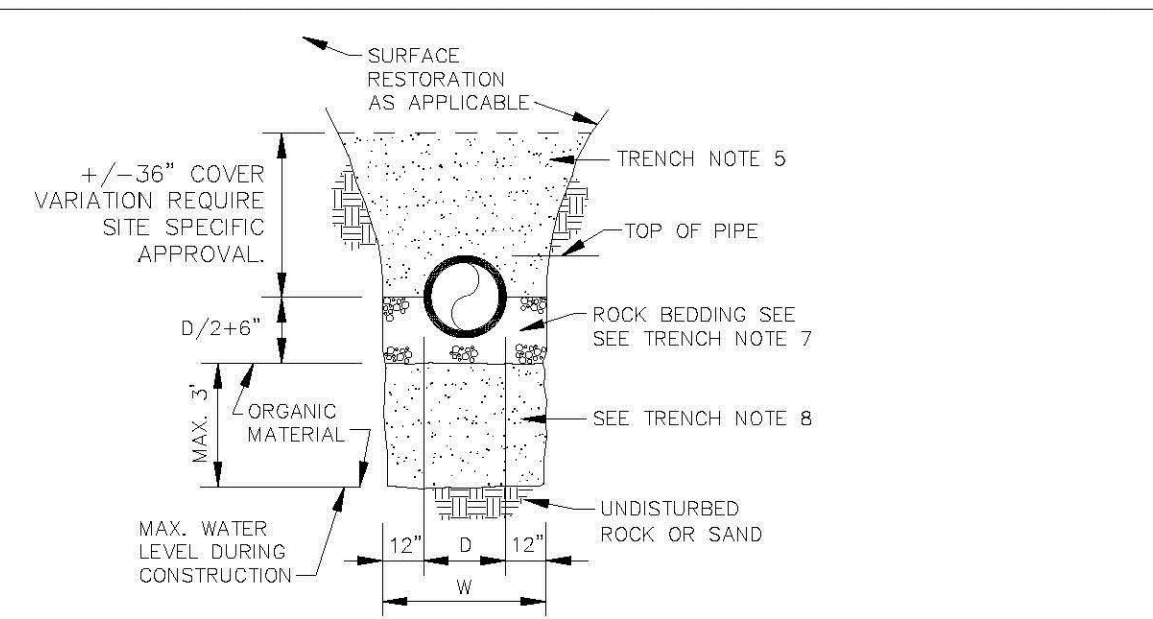
TRENCH SECTION DETAIL

SCALE: N.T.S.

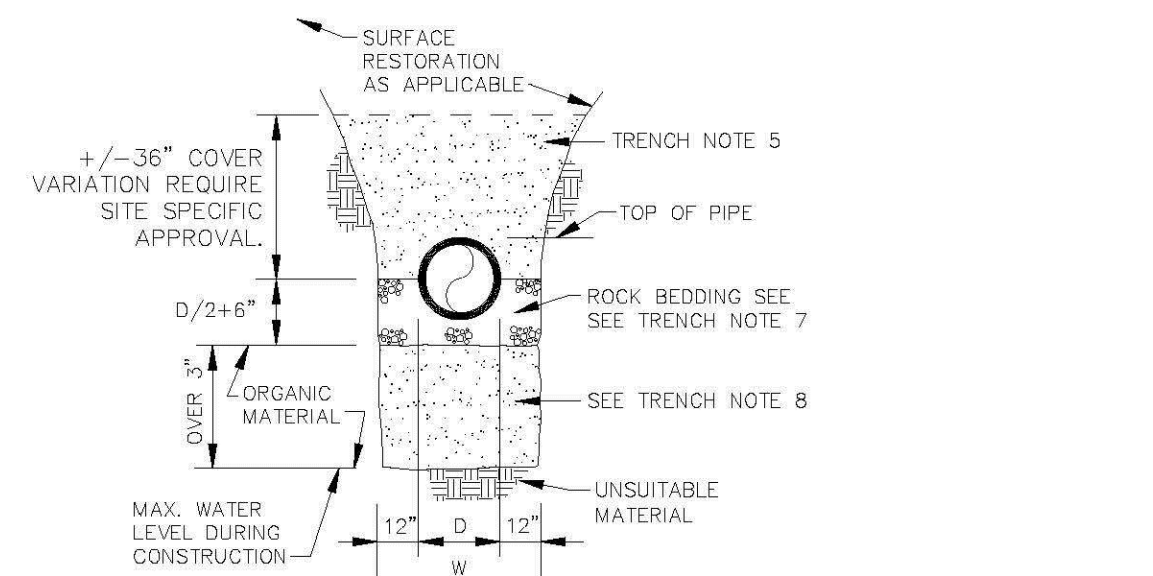


SUSPENDED PAVEMENT DETAIL

SCALE: N.T.S.



TRENCH BACKFILL / BEDDING CLASS "C"



TRENCH BACKFILL / BEDDING CLASS "D"

ENGINEERING STANDARDS 2022

REVISIONS	BY	DATE	ENGINEERING DIVISION	TRENCH BACKFILL / BEDDING
			CITY OF POMPANO BEACH	
				DATE: MAY 2022 DWG. NO. 504-2
			SCALE: N.T.S.	

TRENCH BACKFILL / BEDDING NOTES

- OUTLINE OF TRENCH EXCAVATION IS FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL TRENCH WIDTH AND SHAPE WILL VARY WITH SOIL CONDITIONS. TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH THE "FLORIDA TRENCH SAFETY ACT" AND OSHA TRENCH SAFETY STANDARDS.
- TYPICAL TRENCH BACKFILL/BEDDING FOR REUSE WATER MAIN AND FORCE MAIN INSTALLATIONS SHALL BE CLASS "A" AS SHOWN IN DETAIL.
- TYPICAL TRENCH BACKFILL/BEDDING FOR GRAVITY SEWER INSTALLATION SHALL BE CLASS "B" AS SHOWN IN DETAIL.
- TRENCH BACKFILL/BEDDING CLASS "C" AND CLASS "D" SHALL BE USED FOR PIPE INSTALLATIONS WHERE UNSUITABLE TRENCH MATERIALS ARE ENCOUNTERED.
- TRENCH ZONE BACKFILL SHALL BE MATERIAL TYPE 1 OR TYPES A THRU H, OR ANY MIXTURE THEREOF, WHERE SURFACE RESTORATION TYPE "1" IS APPLICABLE, TRENCH ZONE BACKFILL SHALL BE PLACED IN 12" LIFTS, COMPACTED TO 90% OF THE MATERIAL'S MAXIMUM DENSITY AS DETERMINED BY ASTM D-697 (AASHTO T-99), WHERE SURFACE RESTORATION TYPES "2", "3" AND "4" ARE APPLICABLE, TRENCH BACKFILL SHALL BE PLACED IN 8" LIFTS COMPACTED TO 98% OF THE MATERIAL'S DENSITY AS DETERMINED BY ASTM D-698 (AASHTO T-99).
- BEDDING MATERIAL FOR TYPICAL REUSE WATER MAIN INSTALLATION SHALL BE TYPE C. BEDDING SHALL BE COMPACTED TO 95% OF THE MATERIAL'S MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (AASHTO T-180).
- BEDDING MATERIAL FOR TYPICAL GRAVITY SEWER INSTALLATION AND ANY INSTALLATION WHERE UNSUITABLE TRENCH BOTTOM CONDITIONS ARE FOUND SHALL BE TYPE E. BEDDING SHALL BE PLACED IN LIFTS NOT TO EXCEED 6" AND COMPACTED TO 95% OF THE MATERIAL'S MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (AASHTO T-180).
- UNSUITABLE MATERIAL SHALL BE REMOVED TO UNDISTURBED ROCK OR SAND OR TO DEPTH AS SPECIFIED BY ENGINEER. BACKFILL MATERIAL SHALL BE TYPE C. BACKFILL SHALL BE PLACED IN 8" LIFTS COMPACTED TO 95% OF THE MATERIAL'S MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (AASHTO T-180).

ENGINEERING STANDARDS 2022

REVISIONS	BY	DATE	ENGINEERING DIVISION	TRENCH BACKFILL / BEDDING
			CITY OF POMPANO BEACH	
				DATE: MAY 2022 DWG. NO. 504-3
			SCALE: N.T.S.	

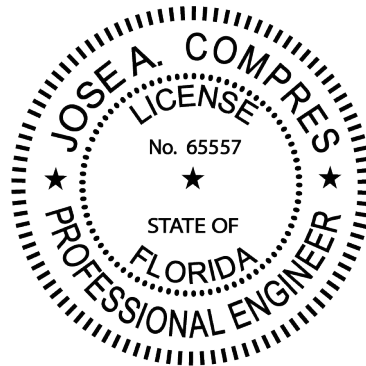
ENGINEERING STANDARDS 2022

REVISIONS	BY	DATE	ENGINEERING DIVISION	TRENCH BACKFILL / BEDDING
			CITY OF POMPANO BEACH	
				DATE: MAY 2022 DWG. NO. 504-4
			SCALE: N.T.S.	

TRENCH BACKFILL / BEDDING NOTES

9. BEDDING TYPES – THE FOLLOWING TYPES OF SUITABLE MATERIALS ARE DESIGNATED AND DEFINED AS FOLLOWING:
- TYPE A: CRUSHED LIMEROCK OR SAND WITH 100 PERCENT PASSING A 1 INCH SIEVE AND A SAND EQUIVALENT VALUE NOT LESS THAN 50.
- TYPE B: CRUSHED LIMEROCK OR SAND WITH 100 PERCENT PASSING A 1/2 INCH SIEVE AND A SAND EQUIVALENT VALUE NOT LESS THAN 50.
- TYPE C: SAND WITH 100 PERCENT PASSING A 3/8 INCH SIEVE, AT LEAST 90 PERCENT PASSING A NUMBER 4 SIEVE, AND A SAND EQUIVALENT VALUE NOT LESS THAN 30.
- TYPE D: CRUSHED LIMEROCK WITH 100 PERCENT PASSING A 1 INCH SIEVE AND NOT MORE THAN 10 PERCENT A NUMBER 4 SIEVE.
- TYPE E: CRUSHED LIMEROCK OR SAND WITH 100 PERCENT PASSING A 3/4 INCH SIEVE AND NOT MORE THAN 10 PERCENT PASSING A NUMBER 4 SIEVE.
- TYPE F: CRUSHED LIMEROCK MEETING THE FOLLOWING GRADATION REQUIREMENTS.

SIEVE SIZE	PERCENTAGE PASSING
2 INCH	100
1-1/2 INCH	90-100
1 INCH	20-55
3/4 INCH	0-15
NO. 200	0-3



CONEMCO
ENGINEERING, INC.
DBA Conemco Consultants
SEA-BA Civil - Structural - MEP - CEI - Program Management - Land Surveyors

782 NW 42ND AVENUE UNIT 635
MIAMI, FL 33126
MAIN NUMBER 888-536-1536

CA # 2947

THIS DRAWING HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSE A. COMPRES ON THE DATE INDICATED IN THE SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

JOSE A. COMPRES, P.E.
FLORIDA P.E. LIC. # 65557

CONEMCO ENGINEERING, INC.

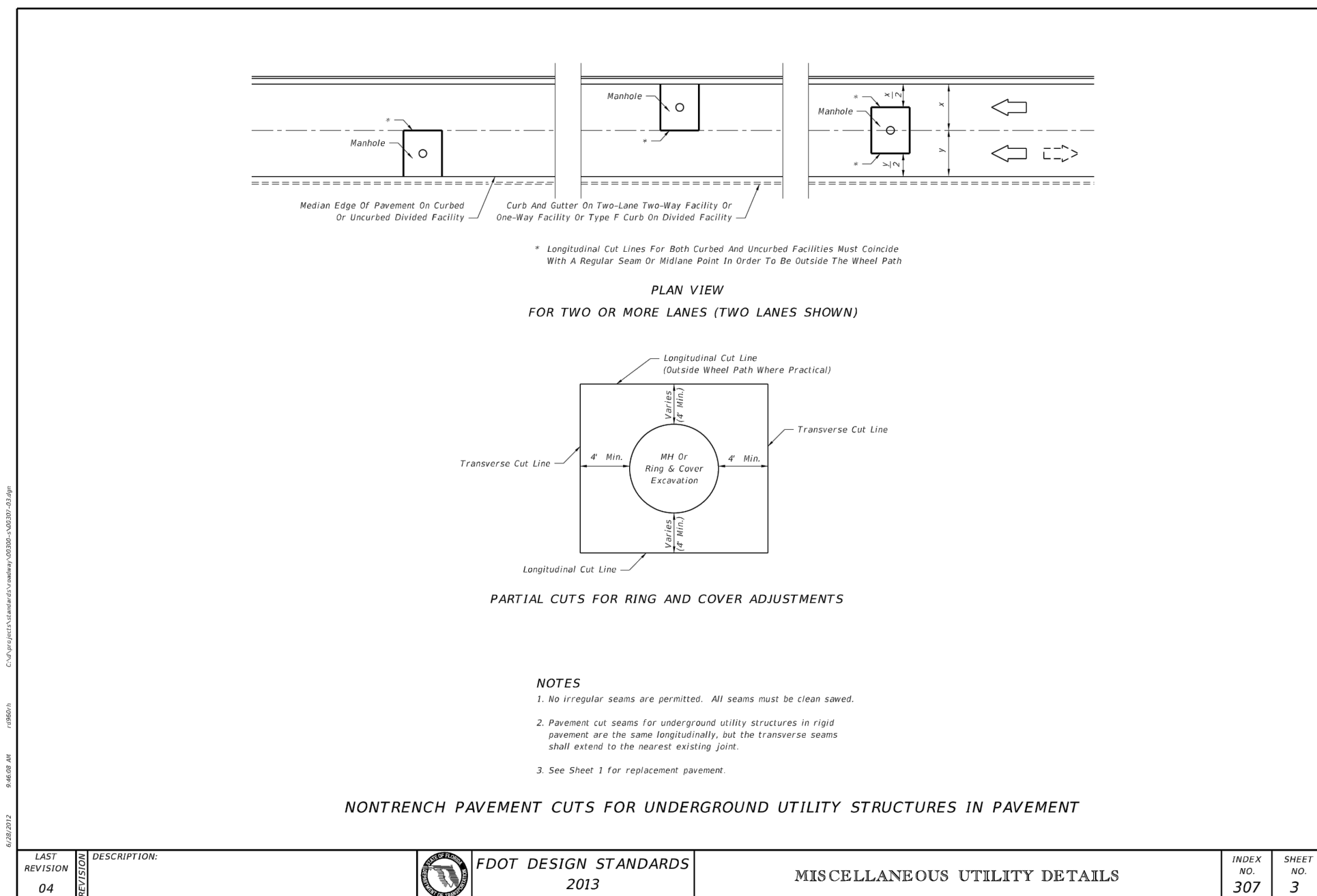
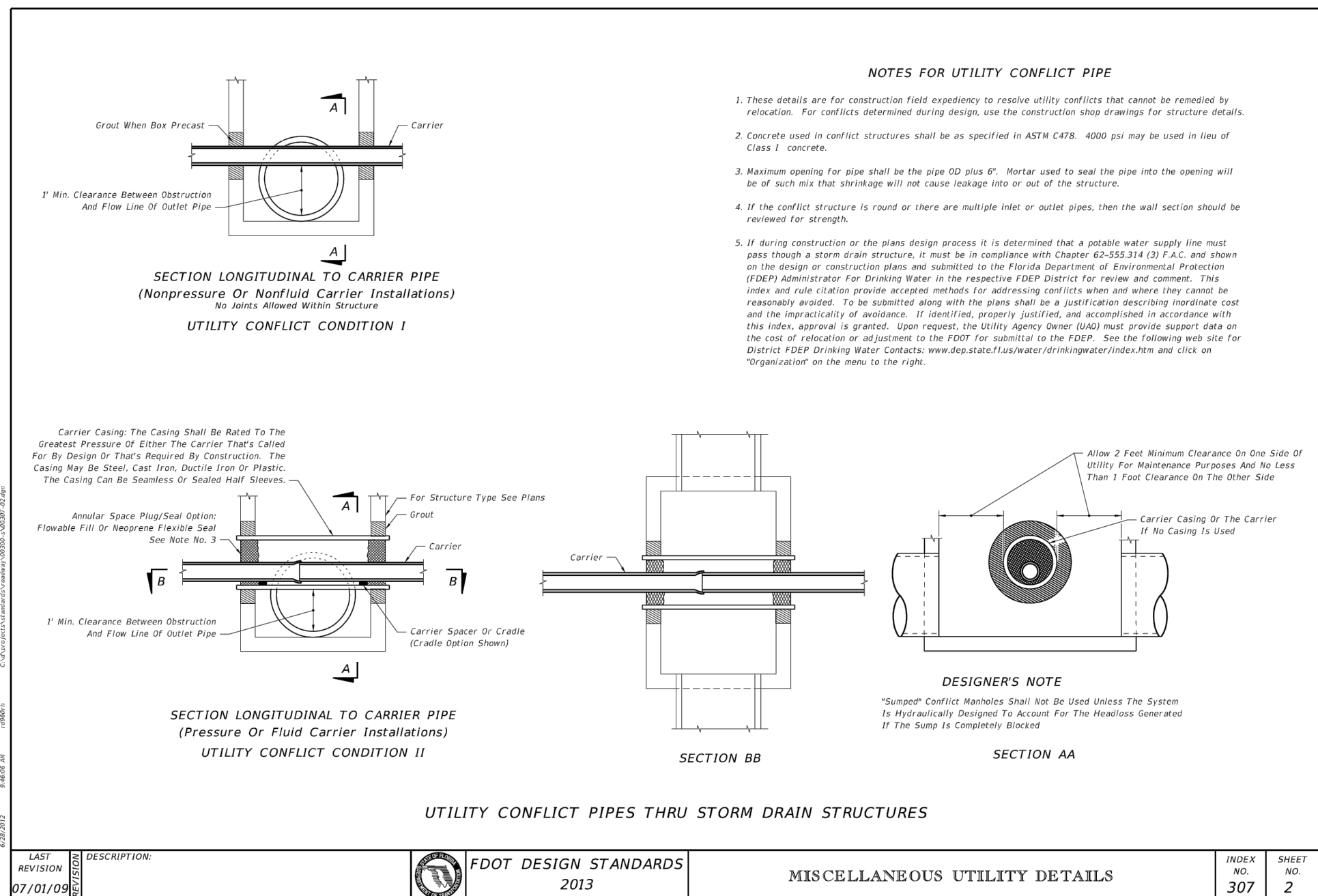
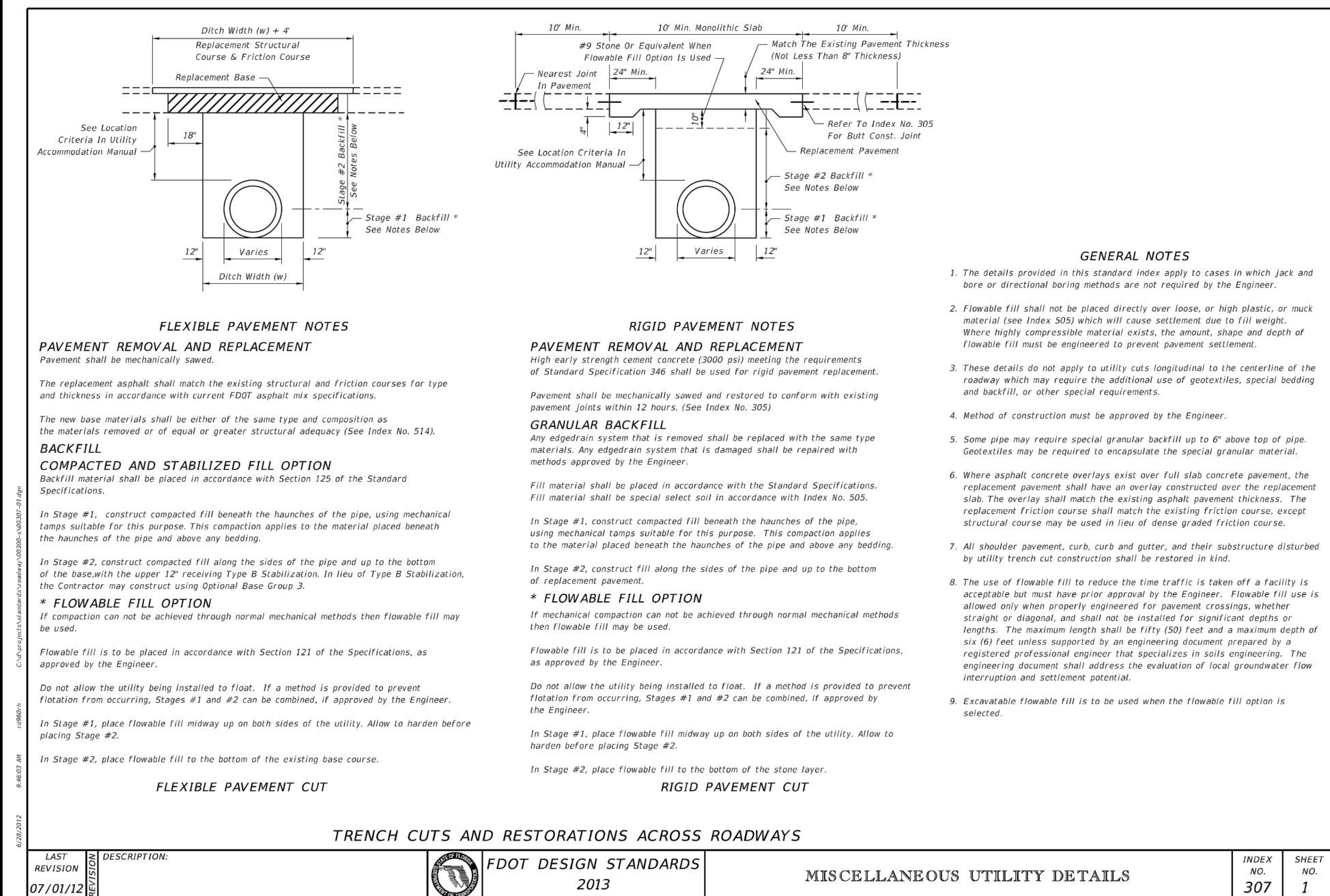
PROJECT NAME / ADDRESS:

324 HAUS MIXED USE / NEW BUILDING - CIVIL PLANS
REDESIGN

324 NW 6TH STREET, POMPANO BEACH, FL 33060

CLIENT/TOWNER:

AUSTIN FOX ARCHITECTURE
1754 E COMMERCIAL BLVD, FORT LAUDERDALE, FL 33334



SHEET NAME:

DRAINAGE AND PAVEMENT
DETAILS

DRAWING NO.

C-500

Sheet No.
10 OF 18