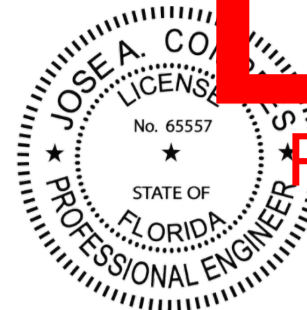


DRC



32222000032  
10/15/2024



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

CA # 2947

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSE A. COMPRES ON AUGUST 29TH, 2024. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

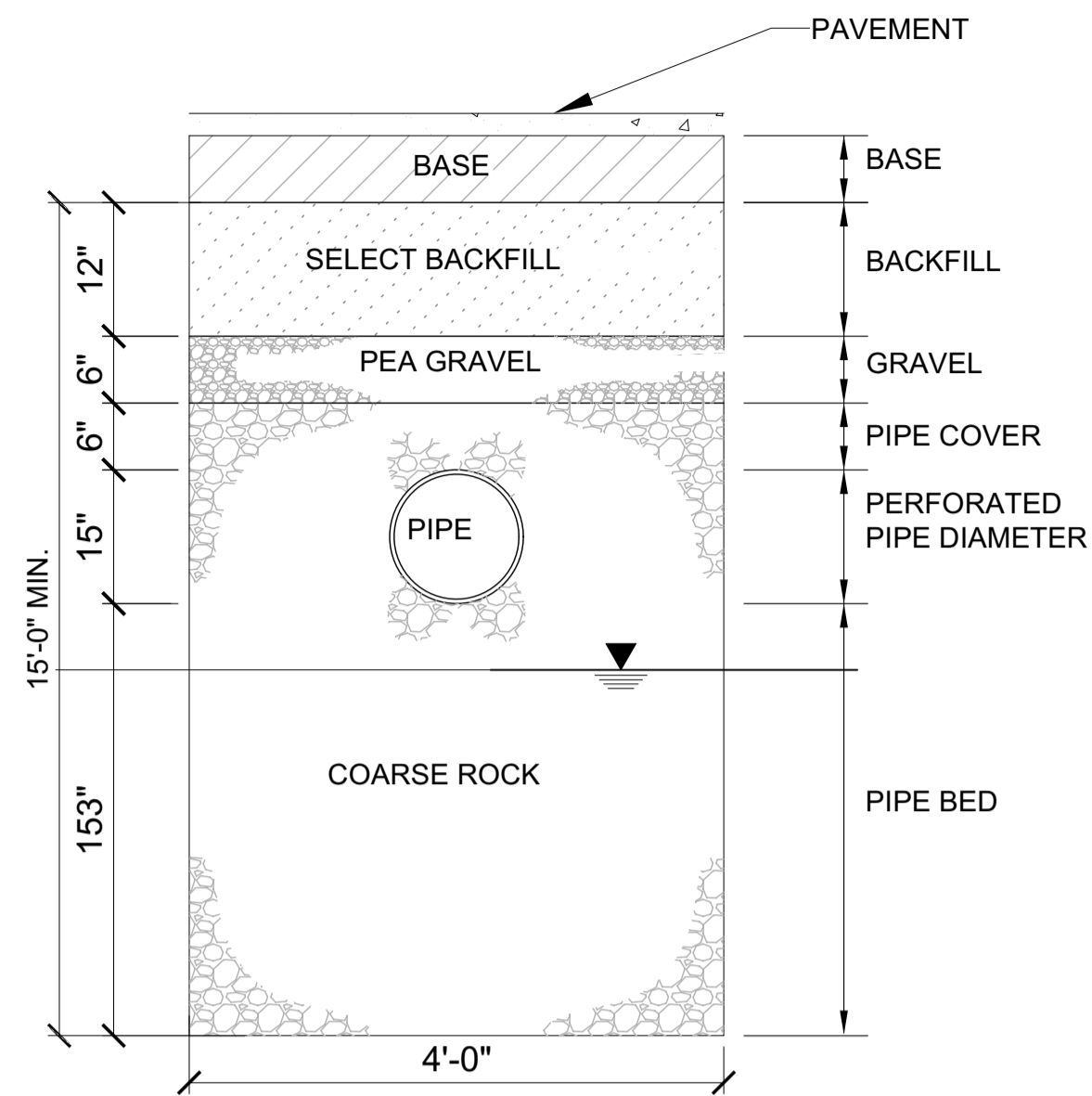
Jose Compres  
Digitally signed by Jose Compres  
Date: 2024.08.29 16:47:24 -0400

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

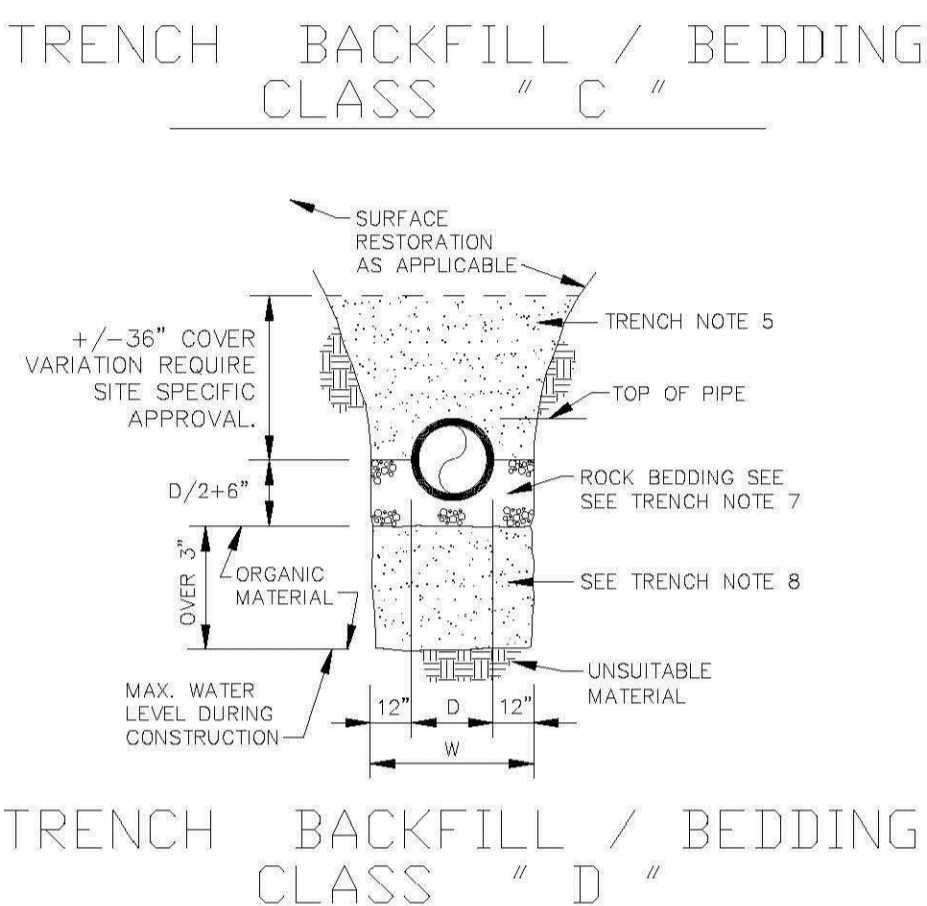
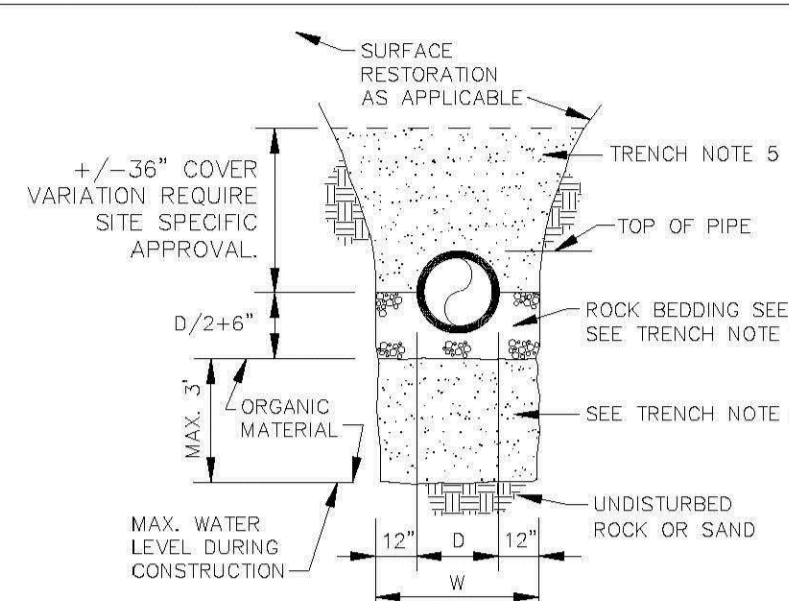
CONEMCO ENGINEERING, INC.

PROJECT NAME / ADDRESS:  
324 HAUS NEW BUILDING - CIVIL PLANS  
324 NW 6TH ST. POMPANO BEACH, FL 33060

CLIENT/TOWNER:  
MR. RICARDO LARA



- NOTES:
- SIDES AND TOP OF TRENCH ONLY TO BE LINED WITH FILTER FABRIC. OVERLAP LINER A MINIMUM OF 2' AT THE TOP OF THE TRENCH.
  - BALLAST ROCK SHALL BE FROM FRESH WATER WASHED AND FREE OF DELETERIOUS MATTER.
  - ALL EXFILTRATION TRENCHES SHALL HAVE POLLUTION RETARDANT BAFFLE AT EACH CONNECTION POINT TO STRUCTURE.



## 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.
- 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	
			SCALE: N.T.S.	
			DATE: MAY 2022	504-2
			DWG. NO.	

## ENGINEERING STANDARDS 2022

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

## ENGINEERING STANDARDS 2022

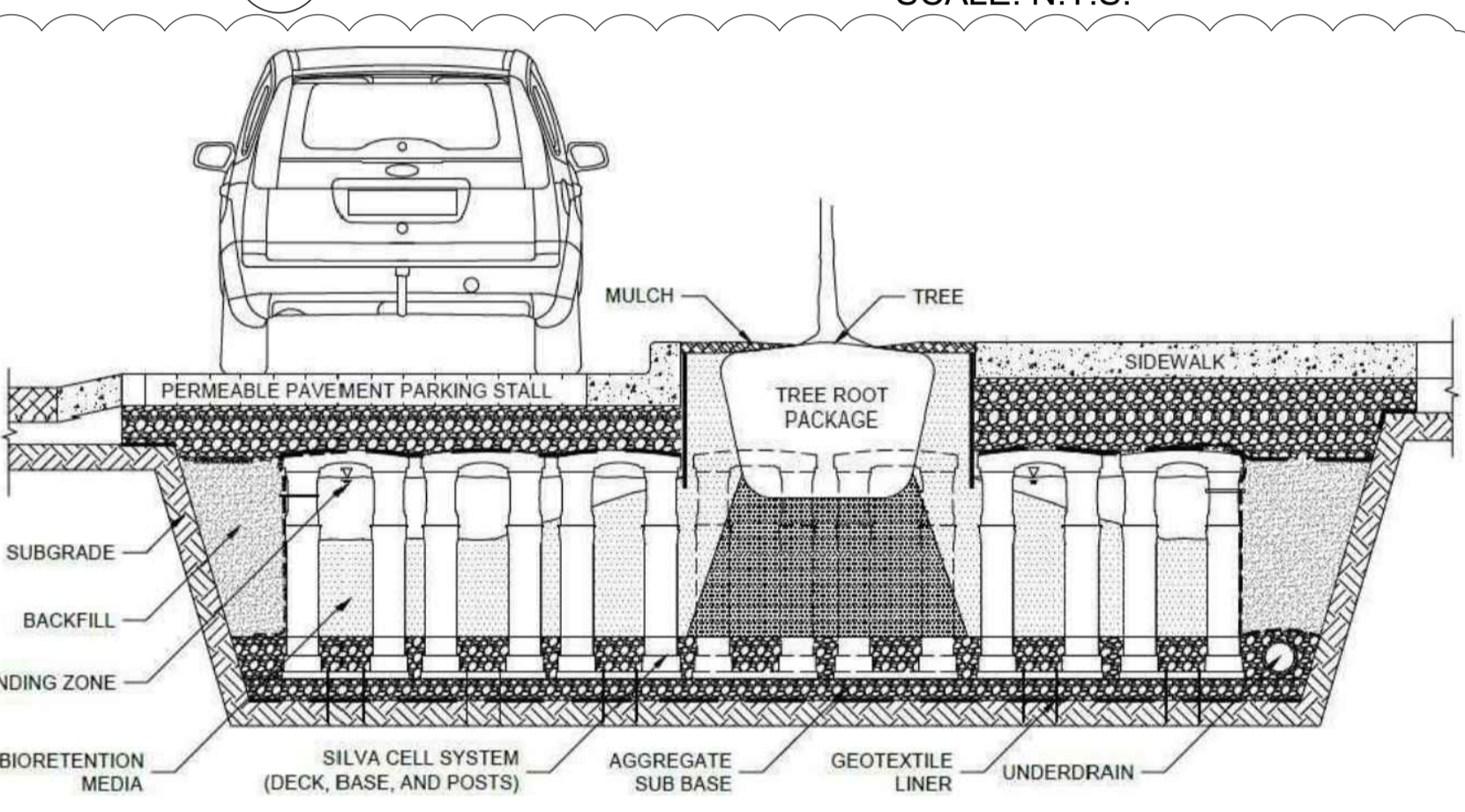
REVISIONS	BY	DATE	ENGINEERING DIVISION	TRENCH BACKFILL / BEDDING
			CITY OF POMPANO BEACH	
			SCALE: N.T.S.	
			DATE: MAY 2022	504-4
			DWG. NO.	

## TRENCH BACKFILL / BEDDING NOTES

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

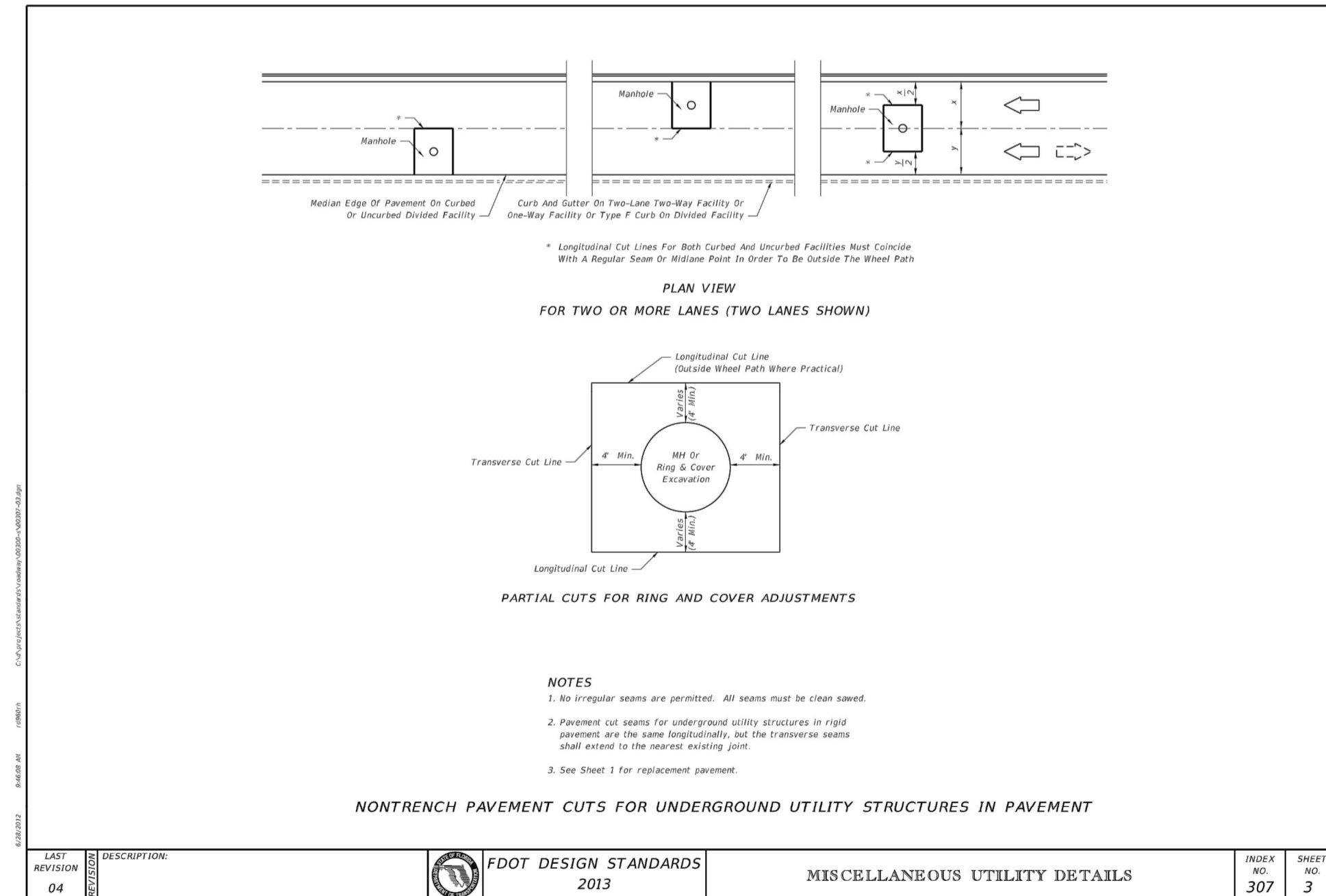
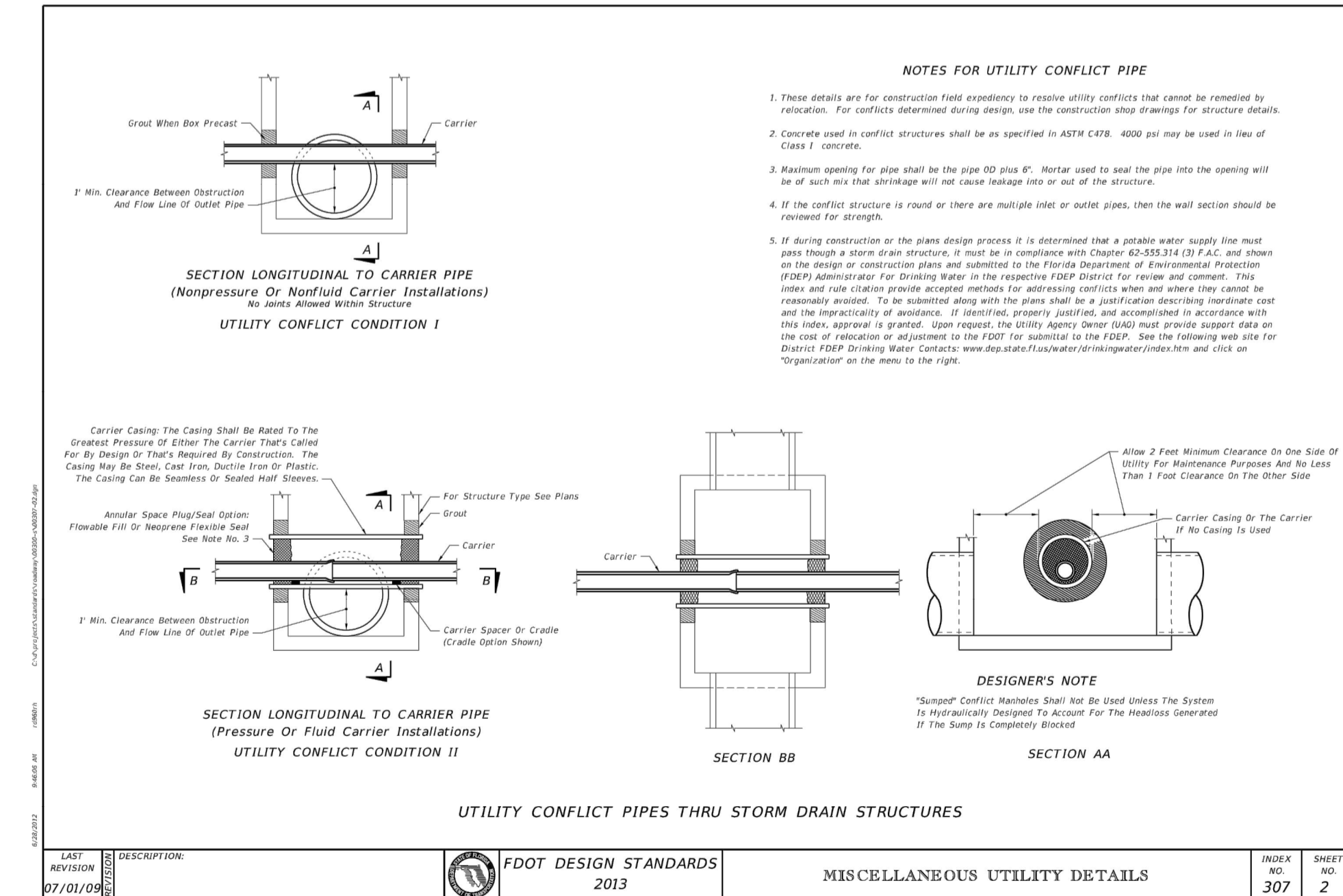
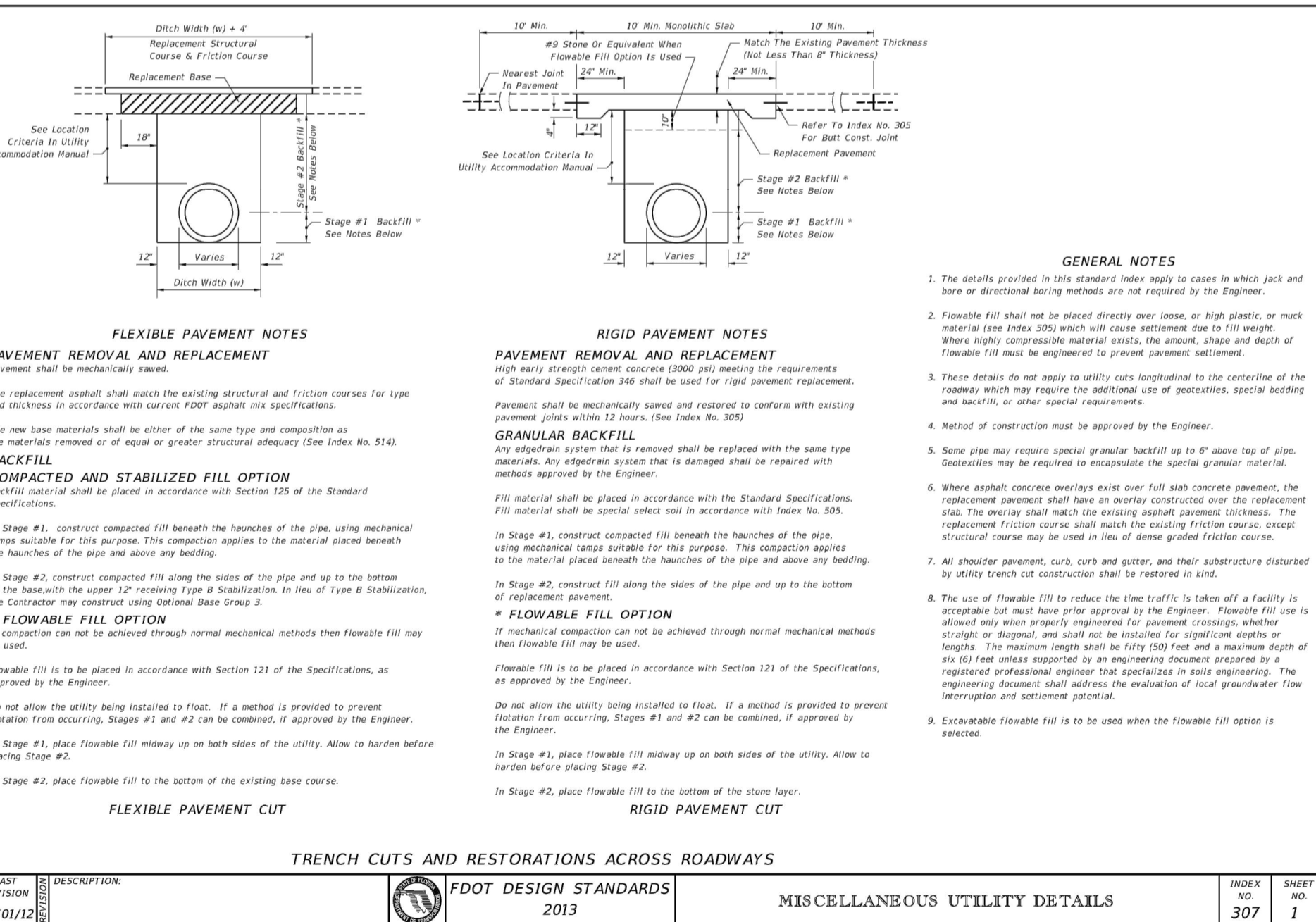
## TRENCH SECTION DETAIL

SCALE: N.T.S.



## SUSPENDED PAVEMENT DETAIL

SCALE: N.T.S.



REVISIONS	DATE
1 CITY COMM.	08-29-2024

DATE:	8/29/2024
SCALE:	AS SHOWN
DRAWN:	FP
CHECKED:	PS
APPVD:	JC
PROJECT ID:	FPV-C231001
CONTRACT NO:	-

SHEET NAME:
DRAINAGE AND PAVEMENT DETAILS

DRAWING NO.  
C-500  
Sheet No.  
10 OF 17