



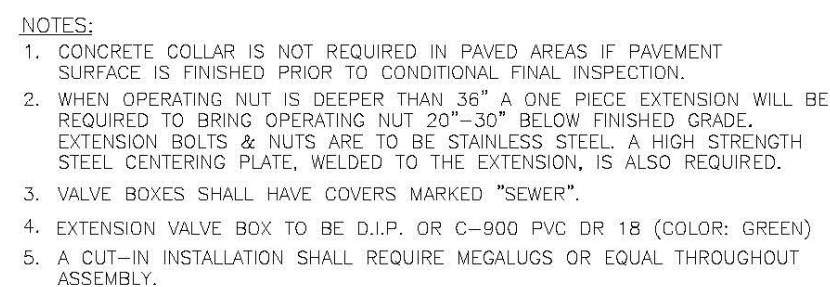
ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	PIPE SUPPORT DETAIL
BY	DATE		
S.S.	JUNE 2005		
SCALE: N.T.S.			DATE: JUNE 2022 DWG. NO. 204-1



ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	PIPE SUPPORT DETAIL
BY	DATE		
S.S.	JUNE 2005		
SCALE: N.T.S.			DATE: JUNE 2022 DWG. NO. 204-1



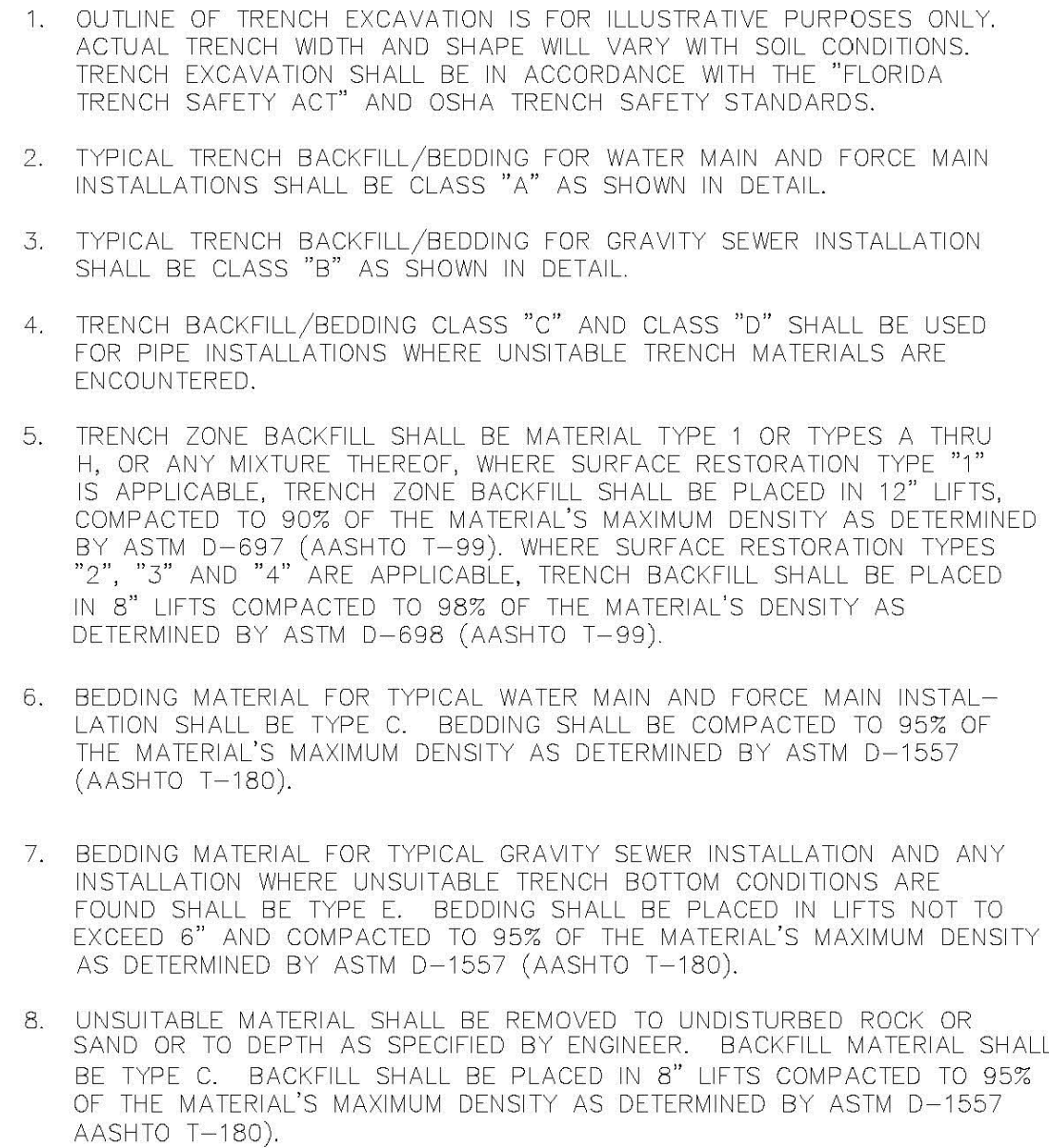
ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	PLUG VALVE SETTING
BY	DATE		
S.S.	01/27/12		
SCALE: N.T.S.			DATE: JUNE 2022 DWG. NO. 205-1



<u>GATE VALVE SIZE</u>	<u>MIN. COVER OVER PIPE</u>
16"	48"
20"	54"
24"	60"
30"	72"
36"	84"

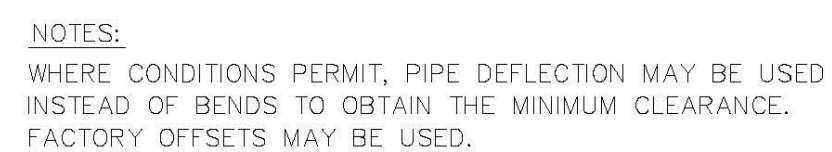
FORCE MAIN PLUG VALVE SETTING

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	PLUG VALVE SETTING
BY	DATE		
S.S.	01/27/12		
SCALE: N.T.S.			DATE: JUNE 2022 DWG. NO. 205-1



TRENCH BACKFILL / BEDDING NOTES

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL CONFLICT (SEWER)
BY	DATE		
S.S.	JUNE 2005		
S.S.	02/13/12		
SCALE: N.T.S.		DATE: JUNE 2022 DWG. NO.	206-1



TYPICAL CONFLICT DETAIL

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL CONFLICT (SEWER)
BY	DATE		
S.S.	JUNE 2005		
S.S.	02/13/12		
SCALE: N.T.S.		DATE: JUNE 2022 DWG. NO.	206-1

9. BEDDING TYPES - THE FOLLOWING TYPES OF SUITABLE MATERIALS ARE DESIGNATED AND DEFINED AS FOLLOWING:
- TYPE A: CRUSHED LIMESTOCK OR SAND WITH 100 PERCENT PASSING A 1 INCH SIEVE AND A SAND EQUIVALENT VALUE NOT LESS THAN 50.
- TYPE B: CRUSHED LIMESTOCK 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 LIMESTOCK WITH 100 PERCENT PASSING A 1 INCH SIEVE AND NOT MORE THAN 10 PERCENT A NUMBER 4 SIEVE.
- TYPE E: CRUSHED LIMESTOCK 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 LIMESTOCK MEETING THE FOLLOWING GRADATION REQUIREMENTS.

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

TRENCH BACKFILL / BEDDING NOTES

ENGINEERING STANDARDS 2022		
REVISIONS		
BY	DATE	
S.S.	01/30/12	
ENGINEERING DIVISION CITY OF POMPANO BEACH		SEWER PIPE IDENTIFICATION
SCALE: N.T.S.		DWG. NO. 207- 207-



1. ALL UTILITY PIPE SHALL BE INSTALLED WITH 4" MARKING BALLS PLACED EVERY 40' AND AT EVERY FITTING, FOR IDENTIFICATION AND WARNING PURPOSES, BURRED ABOVE THE PIPE AT A MAXIMUM DEPTH OF 24 INCHES OR AS APPROVED BY THE OWNER. IT SHALL BE COLOR CODED AND WORDED AS FOLLOWS:
- SEWER SYSTEM
- A. COLOR: GREEN
 - B. LETTERING: SANITARY SEWER
 - C. FREQUENCY OF MARKER BALLS SHALL BE 121.6 KHz.
 - D. THE MARKER BALLS CAN BE BURIED IN ANY ORIENTATION.
- THE MARKER BALLS SHALL BE DETECTABLE BY STANDARD METAL DETECTION EQUIPMENT AND SHALL BE MANUFACTURED BY TEMPO OR 3M LOCATOR SYSTEM OR EQUIVALENT (FREQUENCY 121.6 KHz)
2. FOR LARGE DIAMETER PIPE INSTALLED AT DEPTHS BELOW 4'-0" MARKER BALLS SHALL BE PLACED AT A MAXIMUM DEPTH OF 4'-0" BELOW GRADE .

SEWER PIPE IDENTIFICATION

ENGINEERING STANDARDS 2022					
REVISED					
BY	DATE	ENGINEERING DIVISION		SEWER PIPE IDENTIFICATION	
S.S.	01/30/12	CITY OF POMPANO BEACH			
		SCALE: N.T.S.			
				DWG. NO. 207- 207-	