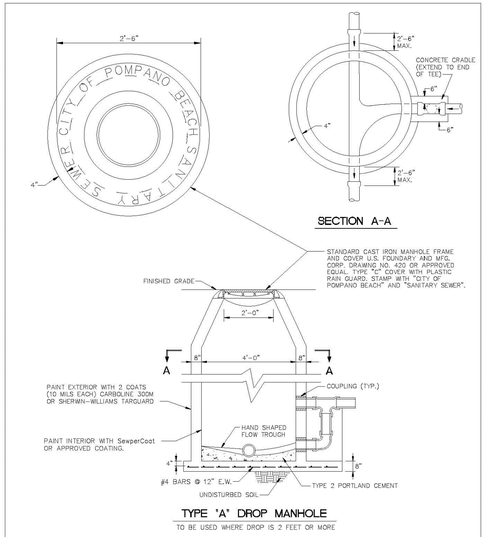
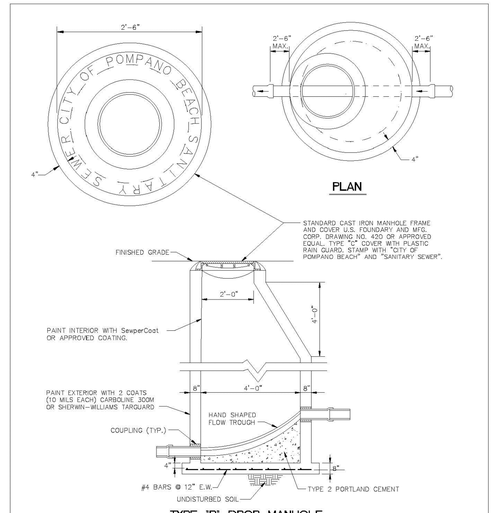


TYPE "A" DROP MANHOLE

TO BE USED WHERE DROP IS 2 FEET OR MORE

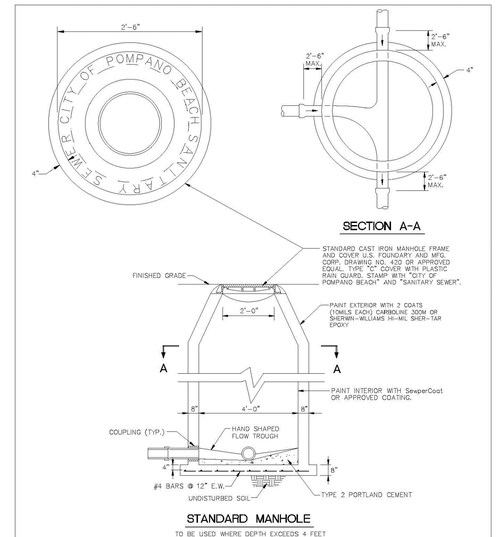
ENGINEERING STANDARDS 2022			
REVISIONS BY / DATE: S.S. JUNE 2005; T.W. 11-2007; S.S. 12-2013; A.S. 09-2021	ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPE "A" DROP MANHOLE	DATE: JUNE 2022 DWG. NO. 213-1
	SCALE: N.T.S.		



TYPE "B" DROP MANHOLE

TO BE USED WHERE DROP IS LESS THAN 2 FEET

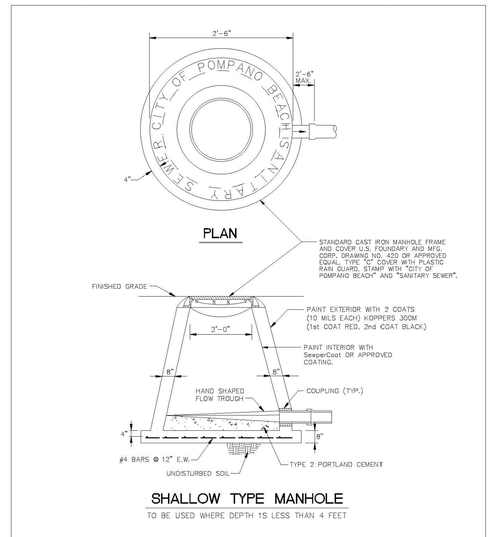
ENGINEERING STANDARDS 2022			
REVISIONS BY / DATE: T.W. APRIL 2010	ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPE "B" DROP MANHOLE	DATE: JUNE 2022 DWG. NO. 214-1
	SCALE: N.T.S.		



STANDARD MANHOLE

TO BE USED WHERE DEPTH EXCEEDS 4 FEET

ENGINEERING STANDARDS 2022			
REVISIONS BY / DATE: S.S. JUNE 2005; T.W. 11-2007; S.S. 12-2013; A.S. 09-2021	ENGINEERING DIVISION CITY OF POMPANO BEACH	STANDARD MANHOLE	DATE: JUNE 2022 DWG. NO. 215-1
	SCALE: N.T.S.		



SHALLOW TYPE MANHOLE

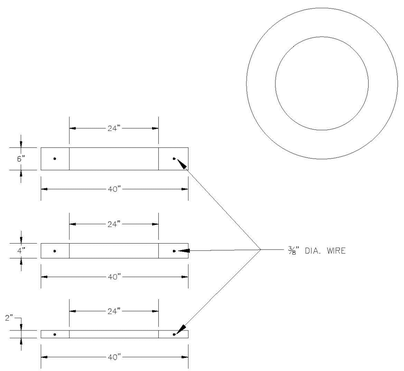
TO BE USED WHERE DEPTH IS LESS THAN 4 FEET

ENGINEERING STANDARDS 2022			
REVISIONS BY / DATE: S.S. JUNE 2005; T.W. 11-2007; A.S. 09-2021	ENGINEERING DIVISION CITY OF POMPANO BEACH	SHALLOW TYPE MANHOLE	DATE: JUNE 2022 DWG. NO. 216-1
	SCALE: N.T.S.		

DRC

P223-12000017

03/05/2025

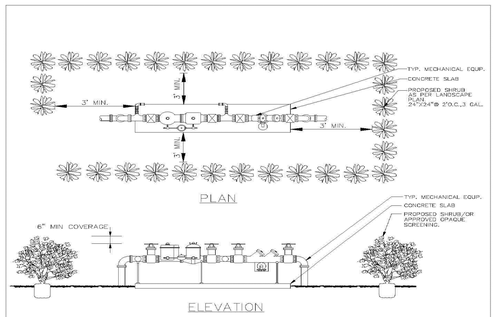


CONCRETE GRADE RINGS

ALL CONCRETE SHALL BE 4000 PSI @ 28 DAYS

NOTES:
3" 0.054 c.y. / 220 lbs
4" 0.108 c.y. / 430 lbs
6" 0.162 c.y. / 650 lbs

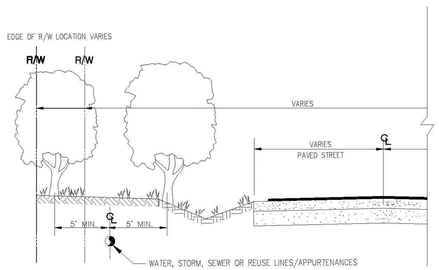
ENGINEERING STANDARDS 2022			
REVISIONS BY / DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH	CONCRETE GRADE RINGS	DATE: JUNE 2022 DWG. NO. 216-2
	SCALE: N.T.S.		



TYPICAL SCREEN FOR UTILITIES

NOTES:
PLEASE NOTE THAT AS PER CITY ORDINANCE(S) 50.02(A) (4) AND 100.35(E), STREET TREES SHALL NOT BE PLACED ON TOP OF OR 5' OF EITHER SIDE OF ANY CITY OWNED UTILITY INFRASTRUCTURE. ALSO, PLEASE NOTE THAT NO TREES SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 3' RADIUS OF A CITY OWNED LATERAL CLEANOUT OR WATER & OR REUSE METER.

ENGINEERING STANDARDS 2022			
REVISIONS BY / DATE: TCW APRIL 2010	ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL SCREEN FOR UTILITIES	APPROVED BY: DATE: MAY 2022 DWG. NO. 315-1
	SCALE: N.T.S.		



TREE LOCATIONS REQUIRED IN PUBLIC R/W ON UTILITY EASEMENTS

NOTES
PLEASE NOTE THAT AS PER CITY ORDINANCE(S) 50.02(A) (4) AND 100.35(E), STREET TREES SHALL NOT BE PLACED ON TOP OF OR 5' OF EITHER SIDE OF ANY CITY OWNED UTILITY INFRASTRUCTURE. ALSO, PLEASE NOTE THAT NO TREES SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 3' RADIUS OF A CITY OWNED LATERAL CLEANOUT OR WATER & OR REUSE METER.

ENGINEERING STANDARDS 2022			
REVISIONS BY / DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH	REQUIRED TREE LOCATIONS	APPROVED BY: DATE: MAY 2022 DWG. NO. 316-1
	SCALE: N.T.S.		

REVISIONS		
DATE	BY	
REVISIONS		
FILE NAME: XXXXXXXXXXXX.DWG		

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

OAKS @ PALM AIRE

WATER DISTRIBUTION & SANITARY SEWER DETAILS

POMPANO BEACH, FLORIDA

DATE	06/12/23
DRAWN BY	RHT
F.B./ PG.	N/A
SCALE	n.t.s.

Digitally signed by Ryan D. Wheeler
Date: 2024.12.11 15:53:52 -05'00'
Adobe Acrobat version: 2024.002.20687

RYAN D. WHEELER
PROFESSIONAL ENGINEER
LICENSE NO. 71477
STATE OF FLORIDA
– FOR THE FIRM –
DATEDec 11, 2024

JOB #10326
SHT.NO.
WS.08
OF 8 SHEETS

Drawing: P:\10326-00-00\drawings\engineering\10326WS.dwg,WS.08