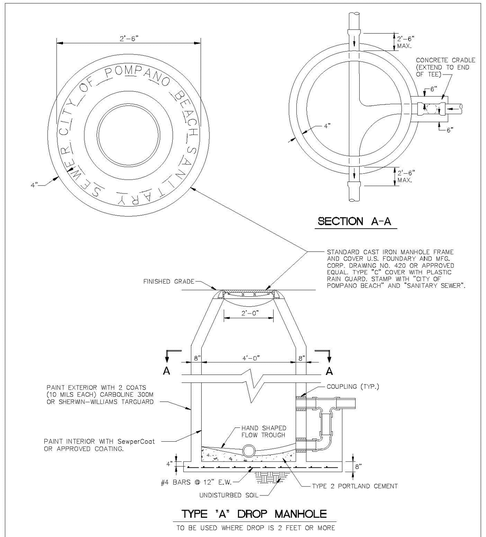
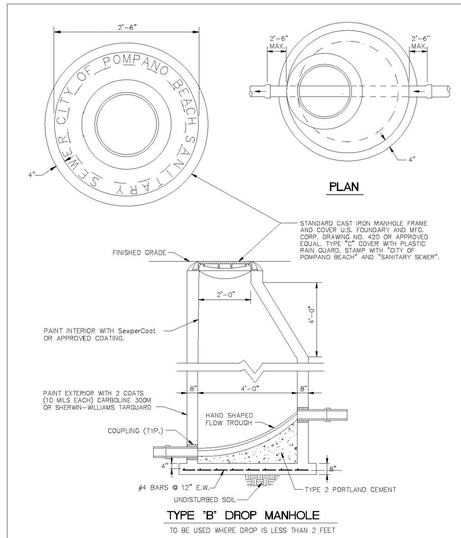


TYPE "A" DROP MANHOLE

TO BE USED WHERE DROP IS 2 FEET OR MORE

ENGINEERING STANDARDS 2022

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

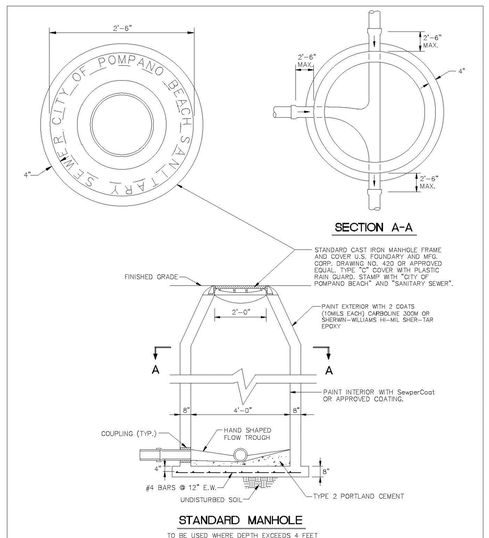


TYPE "B" DROP MANHOLE

TO BE USED WHERE DROP IS LESS THAN 2 FEET

ENGINEERING STANDARDS 2022

REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPE "B" DROP MANHOLE
BY	DATE		
S.S.	JUNE 2005		
T.W.	11-2007		
S.S.	12-2013	SCALE: N.T.S.	DATE: JUNE 2022
A.S.	09-2021		DWG. NO. 214-1

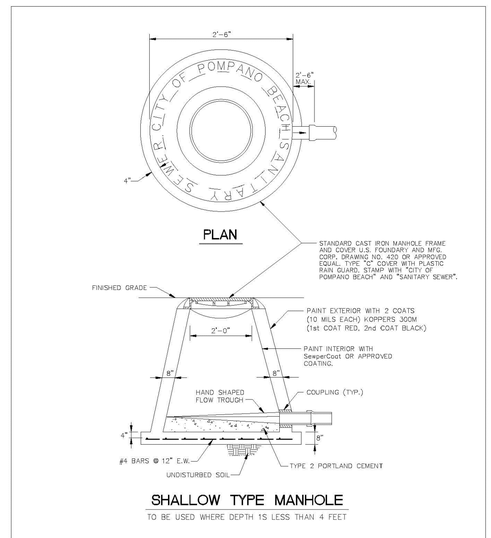


STANDARD MANHOLE

TO BE USED WHERE DEPTH EXCEEDS 4 FEET

ENGINEERING STANDARDS 2022

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

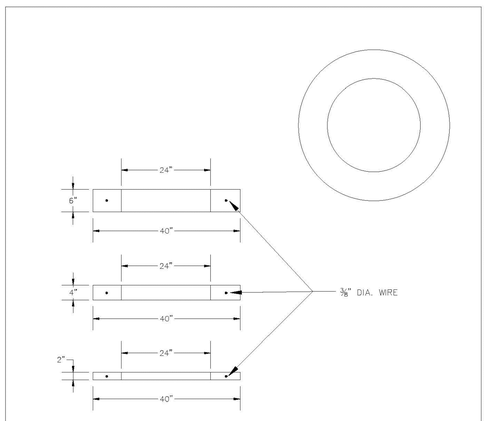


SHALLOW TYPE MANHOLE

TO BE USED WHERE DEPTH IS LESS THAN 4 FEET

ENGINEERING STANDARDS 2022

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



CONCRETE GRADE RINGS

ALL CONCRETE SHALL BE 4000 PSI @ 28 DAYS

NOTES:
2" 0.054 c.y. / 220 lbs
4" 0.108 c.y. / 430 lbs
6" 0.162 c.y. / 650 lbs

ENGINEERING STANDARDS 2022

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

BY	DATE
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 Wheeler
Date: 2023.06.13 01:12:18 -04'00'
Adobe Acrobat version: 2022.001.20085

RYAN D. WHEELER
PROFESSIONAL ENGINEER
LICENSE NO. 71477
STATE OF FLORIDA
— FOR THE FIRM —
DATE Jun 13, 2023

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

DRC
PZ23-12000017
09/20/2023