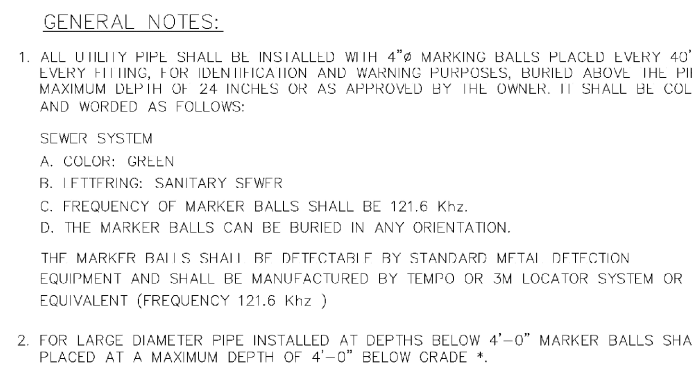


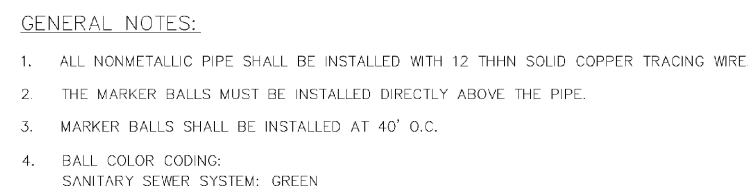
TYPICAL CONFLICT DETAIL

ENGINEERING STANDARDS 2022			
REVISIONS BY DATE S.S. JUNE 2006 S.S. 6/27/12		ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL CONFLICT (SEWER)
		SCALE: N.T.S.	DATE: JUNE 2022 DRG. NO. 206-1



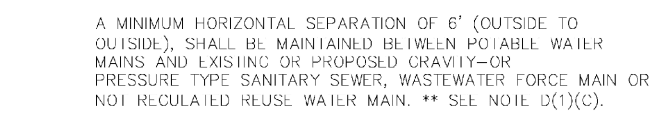
SEWER PIPE IDENTIFICATION

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	SEWER PIPE IDENTIFICATION
BY	DATE		
S.S.	01/30/12		
SCALE: N.T.S.		DATE: JUNE 2022	207-1
		DWG. NO.	



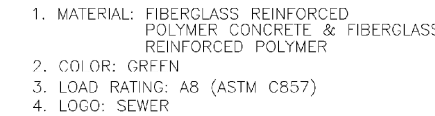
### UTILITY PIPE AND MARKER BALLS LOCATION

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	UTILITY PIPE AND MARKER BALLS LOCATION
BY	DATE		
5.S.	06/30/12		
		SCALE: N.T.S.	DATE: JUNE 2022 DWD. NO. 208-1



## MINIMUM HORIZONTAL SEPARATION REQUIREMENTS FOR POTABLE WATER, REUSE, STORMWATER AND SEWER LINES

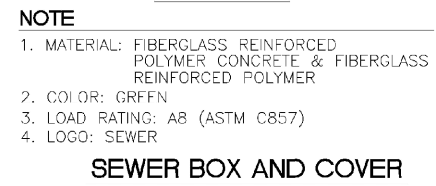
ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	MIN. HORIZONTAL SEPARATION FOR SANITARY SEWER
BY	DATE		
S.S.	9/30/12		
		SCALE: N.T.S.	DATE: JUNE 2022 DWG. NO. 209-1



SEWER BOX AND COVER

PRODUCT RATING - NON TRAFFIC						
LOAD DESIGNATION	DESCRIPTION	DESIGN LOADS			TESTING	
		LIVE LB/WHEEL (2)	LIVE + IMPACT LB/WHEEL	SIDE PSF (3)	LOAD/LBS	SAFETY FACTOR
AASHTO H10	LIGHT TRUCK TRAFFIC	8,000	10,400	N/A	22,568 (4)	2.82

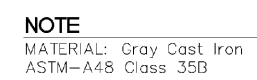
ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	SEWER BOX AND COVER CDR Part No. WB03-118-12 CDR Part No. WC00-118-02
BY	DATE		
SCALE: N.T.S.		DATE: JUNE 2022	DWG. NO.
			210-1



SEWER BOX AND COVER

PRODUCT RATING - TRAFFIC						
LOAD DESIGNATION	DESCRIPTION	DESIGN LOADS			TESTING	
		LIVE LB/WHEEL (2)	LIVE + IMPACT LB/WHEEL	SIDE PSF (3)	LOAD/LBS	SAFETY FACTOR
AASHTO H15	MEDIUM TRUCK TRAFFIC	12,000	15,600	N/A	27,000 (5)	2.25

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	SEWER BOX AND COVER CDR Part No. WB04-1118-12 CDR Part No. WC02-1118-02
BY	DATE		
SCALE: N.T.S.		DATE: JUNE 2022 DWG. NO.	210-2



SEWER BOX AND COVER - HEAVY TRAFFIC

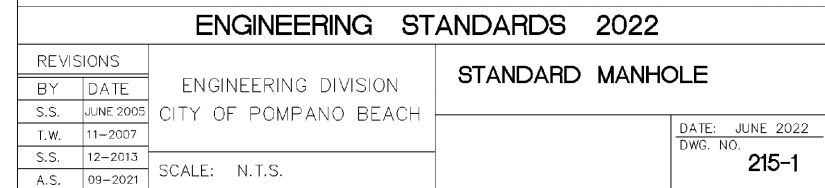
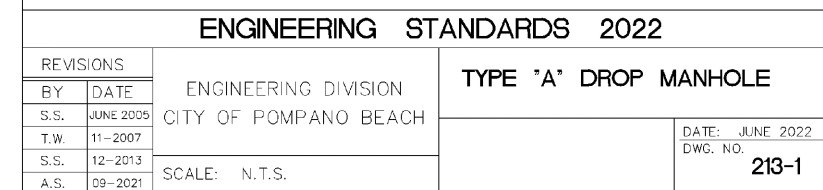
ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	SEWER BOX AND COVER HEAVY TRAFFIC
BY	DATE		
S.S.	12/06/18		
SCALE: N.T.S.		DATE: JUNE 2022 DWC. NO. 210-3	



ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	TRAFFIC RATED SEWER COVER
BY	DATE		
SCALE: N.T.S.		DATE: JUNE 2022 DWG. NO. 211-1	



ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	MANHOLE COUPLING
BY	DATE		
S.S.	JUNE 2022		
SCALE: N.T.S.		DATE: JUNE 2022 DWG. NO. 212-1	



### TYPICAL SCREEN FOR UTILITIES

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

ENGINEERING		STANDARDS 2022	
REVISIONS		CITY OF POMPANO BEACH	TYPICAL SCREEN FOR UTILITIES
BY DATE			
108 APRIL 2019		SCALE: N.T.S.	APPROVED BY: DATE: MAY 2022
			315-1

Digitally signed by Stephen Botek  
Date: 2024.02.27 13:17:41 -05'00'

THIS DOCUMENT HAS BEEN  
DIGITALLY SIGNED AND  
SEALED BY STEPHEN F. BOTEK,  
P.E. ON THE DATE ADJACENT  
TO THE SEAL.

**PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.**

Celebrating  
15 Years

WATER AND SANITARY SEWER DETAILS

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**POMPANO HOTEL**  
101 SOUTH OCEAN BOULEVARD  
POMPANO BEACH, FL

**Botek Thurlow  
Engineering, Inc.**  
3409 NW 9th Avenue, Suite 102, Ft. Lauderdale, FL 33309  
[www.botekthurlow-eng.com](http://www.botekthurlow-eng.com) p: 954-568-0888 f: 954-568-0757

BTE PROJECT #:  
23-0701

PROJECT DATE:  
09-05-2023

SHEET #:

C-5

**AAC**  
PZ23-12000042  
05/07/2024