



PROFILE PLAN

WUD MAIN SIZE	DIAMETER OF STEEL CASING SIZE	OPENING SIZE FOR SOLID CASING	OPENING SIZE FOR SPLIT CASING
8"	14"	18"	20"
8"	20"	24"	26"
10"	20"	24"	26"
12"	24"	28"	30"

- NOTES:
1. THE CONFLICT STRUCTURE IS TO BE DESIGNED PER CURRENT FDOT UTILITY CONFLICT THRU DRAINAGE STRUCTURE STANDARDS.
 2. A SHOP DRAWING TO SCALE FOR EACH CONFLICT STRUCTURE INSTALLATION IS REQUIRED TO BE APPROVED BY THE DEPARTMENT PRIOR TO INSTALLATION.
 3. STEEL CASING PER WUD STANDARD DETAIL 13R (SOLID CASING) OR WUD STANDARD DETAIL 13AR (SPLIT CASING) FOR EXISTING RECLAIMED WATER MAIN ONLY.
 4. STEEL CASING SHALL EXTEND THREE (3) FEET PAST EACH SIDE OF STRUCTURE. CASING CAN EXTEND FURTHER PAST THE STRUCTURE WHEN EXISTING CONDITIONS WARRANT AND ONLY WITH PRIOR DEPARTMENT APPROVAL.
 5. STEEL CASING SHALL BE GROUTED IN PLACE WITH NON-SHRINKABLE CEMENT GROUT TO PROVIDE A WATERTIGHT SEAL TO PREVENT ANY LEAKAGE INTO THE STRUCTURE.
 6. NON-SHRINKABLE CEMENT GROUT TO BE INSTALLED AT EACH END OF CASING TO OBTAIN WATERTIGHT SEAL.
 7. 16" AND LARGER RECLAIMED WATER MAINS REQUIRING A CONFLICT STRUCTURE WILL BE CONSIDERED BY THE DEPARTMENT ONLY WHEN EXTREME CIRCUMSTANCES EXIST WHEN THE MAIN CANNOT BE DEFLECTED AROUND THE DRAINAGE PIPE.

RECLAIMED WATER MAIN CONFLICT STRUCTURE DETAIL * 49R

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RECLAIMED WATER #6
STANDARD DETAILS

CONSULTANT:

IT'S THE LAW!
CALL 48 HOURS BEFORE YOU DIG
1-800-432-4770
SUNSHINE STATE ONE CALL OF FLORIDA, INC.
UTILITIES NOTIFICATION CENTER

DESIGNED BY: _____ WUD _____

DRAWN BY: M. BUCKNER Palm Beach County
CHECKED BY: J. LAMMERT Water Utilities Department
APPROVED BY: _____ WUD _____ West Palm Beach, FL 33416-6097

NO.	DATE	REVISION / REMARKS
*	JUNE 2019	GENERAL REVISION
	JAN 2023	GENERAL REVISION

STD
DETAILS

SHEET
NUMBER
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OF
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SEAL