



PIPE DIA.	"A"	"B"	BOT. SLAB "T"
8"-24"	4'-0"	"8"	8"
30"-36"	5'-0"	"8"	10"
42"-48"	6'-0"	"8"	12"

TYPICAL MANHOLE DIMENSIONS

NOTES:

1. MANHOLE FRAME & COVER WITH THE WORDS " SANITARY SEWER" CAST IN THE COVER. U.S. FOUNDRY 170 OR APPROVED EQUAL.
2. ALL CONCRETE MANHOLES TO BE 4000 P.S.I. TO MEET OR EXCEED ASTM C478 ALL CEMENT TO BE TYPE II ACID RESISTANT. REINFORCING AREA OF 0.20 SQ. IN/FT FOR WALL SECTION MIN. TO MEET OR EXCEED ASTM A 185.
3. A MAXIMUM OF 2 LAYERS OF PRECAST CONCRETE RINGS, IF REQUIRED.
4. FORCE MAIN TIE-IN SHALL BE TO MANHOLES WITH A MINIMUM DEPTH OF 4'-6".
5. ALL MANHOLES SHALL BE COATED INSIDE AND OUTSIDE W/ 8-10 MILS EACH OF 100% WATER BASED EPOXY
6. PIPE TO BE FASTENED TO WALL w/ STAINLESS STEEL STRAPPING.
7. RAINGUARDS SHALL BE INSTALLED IN MANHOLES.

FORCE MAIN TIE-IN @ PRECAST MANHOLE



STANDARD UTILITY DETAILS
 City of Stuart Public Works Department
 121 S.W. Flagler Avenue, Stuart, Florida 34994
 (772) 288-5300

**FORCE MAIN TIE-IN
 @ PRECAST MANHOLE**

DATE: OCTOBER 2016
 FILE NAME: 2016 COS Std Details.dwg

SHEET NUMBER
39