


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

**SHALLOW MANHOLE**  
**(DEPTH LESS THAN 5'-0")**

**NOTES:**

1. MANHOLE FRAME & COVER SHALL BE GRAY CAST IRON, TRAFFIC RATED, HEAVY DUTY ASTM A48, CLASS 30 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. AFTER TWENTY-EIGHT (28) DAYS TO MEET OR EXCEED ASTM C478. ALL CEMENT TO BE TYPE II ACID RESISTANT. REINFORCING AREA OF 0.02 SQ. IN/FT FOR WALL SECTION MIN. TO MEET OR EXCEED ASTM A185.
3. A MAXIMUM OF 2 LAYERS OF PRECAST CONCRETE RINGS, IF REQUIRED.
4. RAIN GUARDS SHALL BE INSTALLED IN MANHOLES.
5. ALL MANHOLES SHALL RECEIVE TWO (2) COATS, INSIDE AND OUTSIDE, W/ 4-5 MILS EACH OF 100% WATER BASED EPOXY.

 <b>STANDARD UTILITY DETAILS</b> City of Stuart Utilities & Engineering Department 121 S.W. Flagler Avenue, Stuart, Florida 34994	<b>SHALLOW MANHOLE</b>	
	DATE: OCTOBER 2021 FILE NAME: 2021 COS Std Details.dwg	SHEET NUMBER <b>37</b>