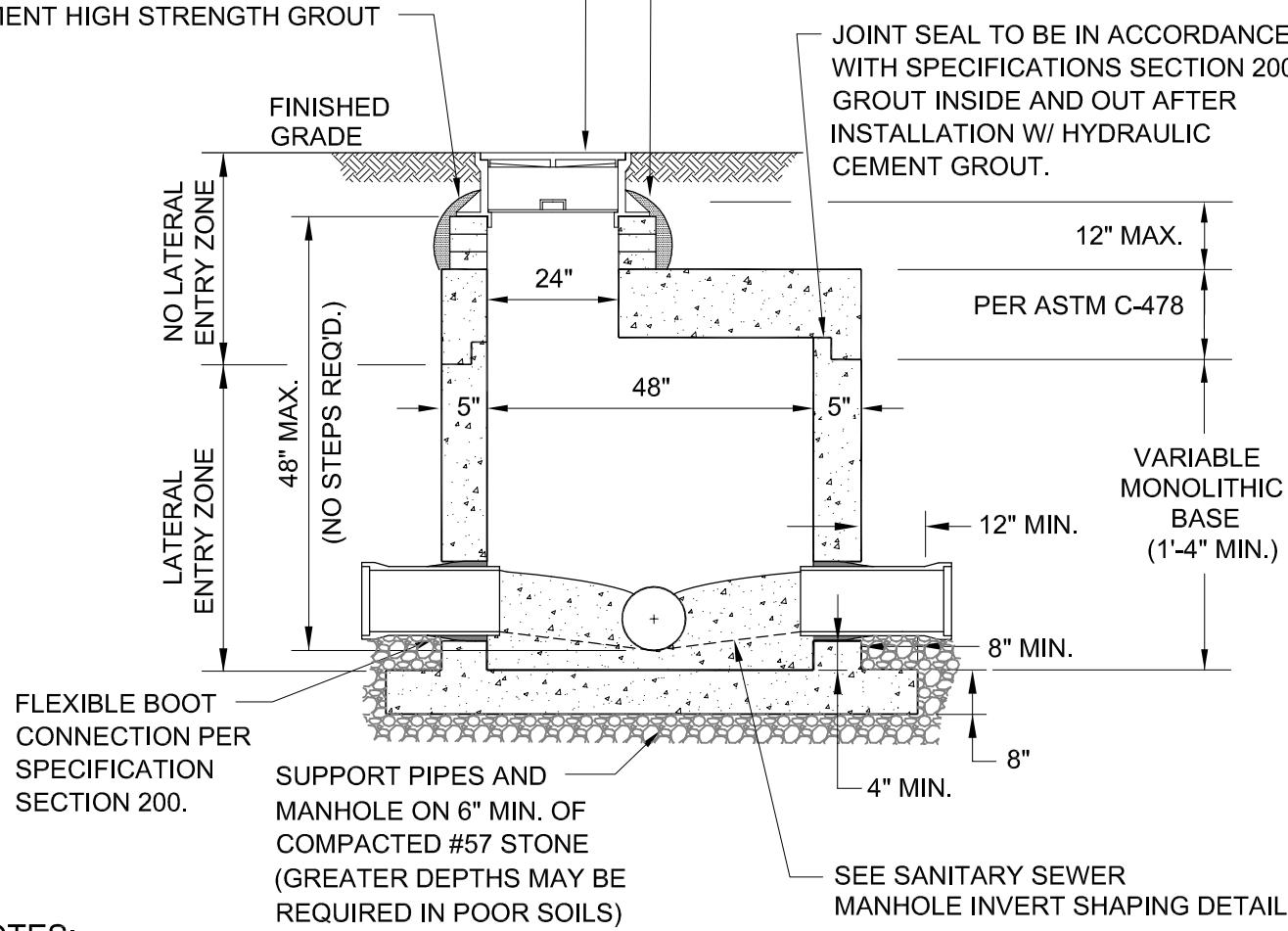


PRECAST CONCRETE  
ADJUSTMENT RING (TYP)  
RINGS TO BE COATED AND SEALED  
SMOOTH ON ALL INSIDE SURFACES,  
3/8" THICK (MIN.) WITH HYDRAULIC  
CEMENT HIGH STRENGTH GROUT

SEE SANITARY SEWER  
MANHOLE CASTING AND COVER  
(24") DETAILS

MANHOLE CASTING AND ADJUSTMENT RINGS  
TO BE SET & EMBEDDED IN BUTYL JOINT  
MATERIAL AND CAPPED WITH HYDRAULIC  
CEMENT GROUT OVER FRAME FLANGE,  
ADJUSTMENT RINGS AND SECTION.

JOINT SEAL TO BE IN ACCORDANCE  
WITH SPECIFICATIONS SECTION 200.  
GROUT INSIDE AND OUT AFTER  
INSTALLATION W/ HYDRAULIC  
CEMENT GROUT.



NOTES:

1. FLAT TOP CAN BE REPLACED W/ 1'-4" ECCENTRIC SHALLOW CONE IF APPROVED BY LOCALITY.
2. PRECAST MANHOLE TO BE IN COMPLIANCE WITH ASTM C-478.
3. PROVIDE A MAXIMUM OF TWO LIFT HOLES PER SECTION. PLUG LIFT HOLES WATERTIGHT WITH RUBBER PLUGS AND GROUT AFTER INSTALLATION.

## PRECAST CONCRETE SHALLOW MANHOLE

NOT TO SCALE

REFERENCE	CATEGORY	DATE	SHEET No.	DETAIL No.
200,802	SANITARY SYSTEMS	12/10	1 OF 1	SS_02