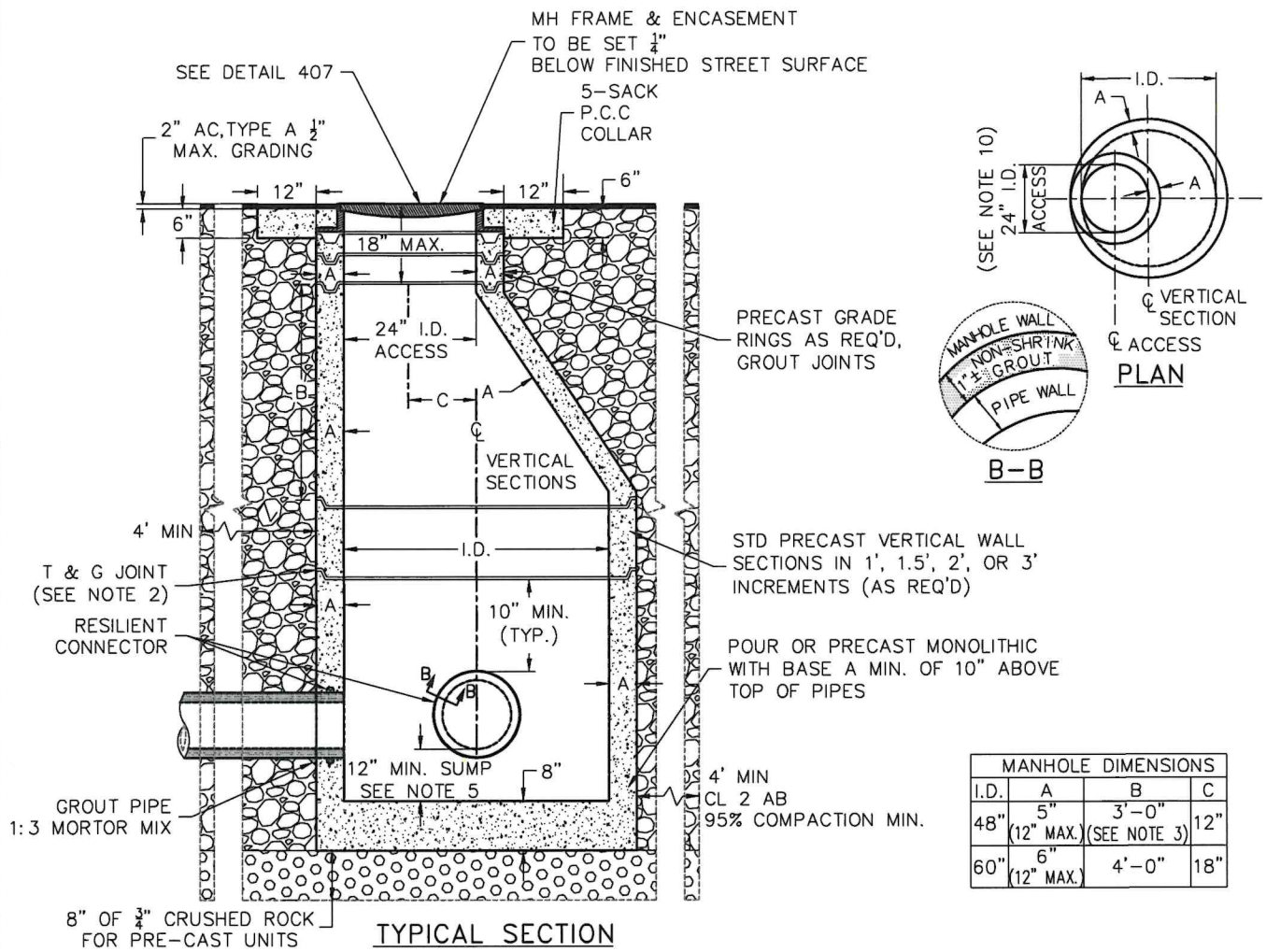

TYPICAL SECTION

MANHOLE DIMENSIONS			
I.D.	A	B	C
48"	5" (12" MAX.)	3'-0" (SEE NOTE 3)	12"
60"	6" (12" MAX.)	4'-0"	18"

NOTES:

1. PRECAST MANHOLES TO BE MANUFACTURED TO ASTM SPECIFICATION C478 AND MEET H-20 LOADING REQUIREMENTS.
2. ALL JOINTS SHALL BE MADE WITH PREFORMED PLASTIC JOINT SEALING COMPOUND. FOLLOWING INSTALLATION, GROUT ALL INTERIOR AND EXTERIOR JOINTS.
3. THE STORM DRAIN SYSTEM SHALL HAVE WATERTIGHT JOINTS AT ALL CONNECTIONS.
4. CENTRAL PRECAST MODEL 20-48EC (20-60EC) MANHOLE WITH 20-48MBC (20-60MBC) BASE OR APPROVED EQUAL.
5. SUMP IS NOT REQUIRED ON MANHOLES CONNECTING PIPES 24" DIAMETER OR LARGER IF NO DI LATERALS ARE PRESENT.
6. PRECAST MANHOLES SHALL BE SIZED TO PROVIDE THE FOLLOWING: THE CLEAR SPACE ON THE INSIDE OF THE MANHOLE BARREL BETWEEN CORED PIPE CONNECTION HOLES SHALL BE A MINIMUM OF 10". IF THE CONNECTION HOLE IS CAST MONOLITHICALLY WITH THE MANHOLE BARREL, THE MEASUREMENT SHALL BE TAKEN FROM THE FINISHED CONCRETE CONNECTION SURFACE.
7. MINIMUM 10" CLEARANCE BETWEEN ALL PIPES AND BETWEEN PIPES AND JOINTS.
8. 3' TAPER SHALL BE COMBINED WITH 1' VERTICAL TO FORM 4' TAPER SECTION FOR 48" I.D. MANHOLES.
9. NO PIPE SHALL BE CONNECTED IN THE TAPER/CONE SECTION OR JOINTS OF MANHOLE, IF NECESSARY USE SHALLOW MANHOLE DETAIL.
10. THE MANHOLE ACCESS SHALL BE AT THE UPSTREAM SIDE OF MAINLINE.
11. SUBGRADE TO BE APPROVED BY ENGINEER OR GEOTECH PRIOR TO PLACEMENT OF CRUSHED ROCKS.

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

STANDARD ECCENTRIC
MANHOLE ASSEMBLY

APPROVED BY: [signature] DATE: 8/11/22

404