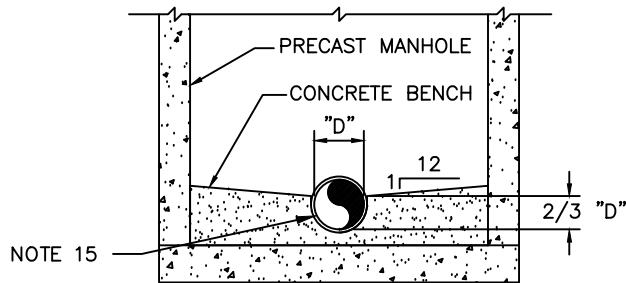
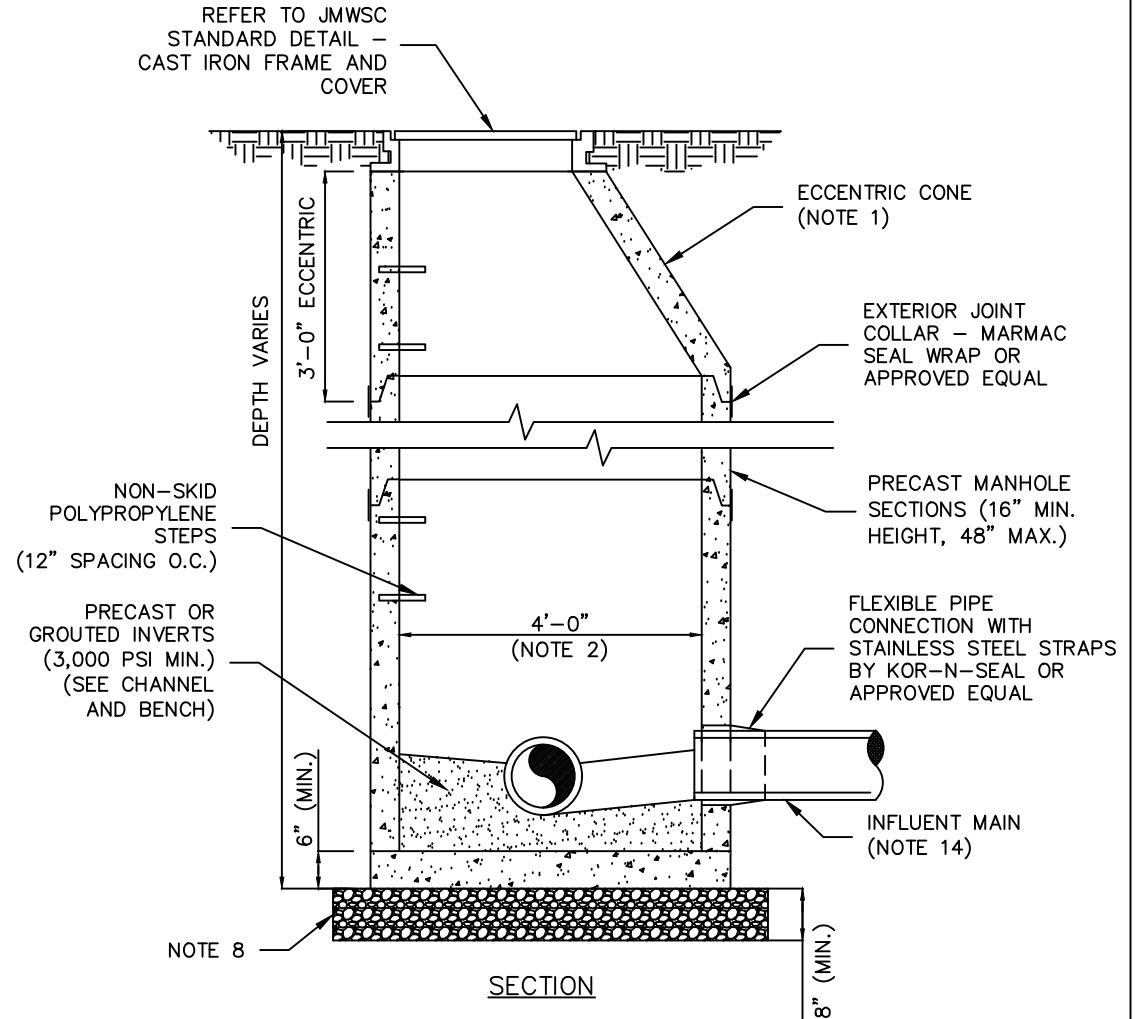


NOTES:

1. WHERE MANHOLE DEPTH IS LESS THAN 4' DEEP, PROVIDE A FLAT TOP WITH A MINIMUM THICKNESS OF 8".
2. WHERE INDICATED ON PLANS, MANHOLE DIAMETER MAY VARY.
3. PRECAST MANHOLES SHALL BE DESIGNED AND CONSTRUCTED TO CONFORM WITH ASTM C478 - PRECAST REINFORCED CONCRETE MANHOLE SECTIONS AND MANHOLE MUST MEET ASSHTO M199. MANHOLE MUST MEET TRAFFIC LOADING RATINGS. REFER TO JMWSC STANDARD SPECIFICATION - MANHOLES.
4. KNOCKOUT PANELS ARE NOT ACCEPTABLE.
5. INVERTS TO IN & OUT PIPES TO BE BUILT AFTER MANHOLE HAS BEEN SET.
6. MANHOLE TO BE LEVELED & ASSEMBLED SO AS TO EVENLY DISTRIBUTE WALL BEARING LOAD.
7. PROVIDE 8" (MINIMUM) COMPACTED CRUSHED STONE (NO. 57) WITH A 6" MINIMUM EXTENSION BEYOND EXTERIOR WALL OF MANHOLE.
8. PRECAST MANHOLE JOINTS TO BE SEALED WITH "O" RING JOINT PER ASTM C-443, ASTM C-913 AND ASTM C-923. WHICHEVER IS MOST STRINGENT.
9. PROVIDE A 2" WIDE (MINIMUM) NON-SHRINK GROUT LAYER ON INSIDE OF MANHOLE AT ALL JOINTS. TAPER GROUT TO WALLS.
10. CONCRETE SLAB SHALL EXTEND A MIN. OF 3" ABOVE BOTTOM OF FIRST MANHOLE SECTION.
11. ALL LIFT HOLES TO BE SEALED WITH TAPERED NEOPRENE PLUGS OR OTHER APPROVED EQUAL. LIFT HOLES TO BE SEALED FROM OUTSIDE.
12. PROVIDE REINFORCED CONCRETE FOOTING WHEN MANHOLE IS GREATER THEN 12' OR ON POOR SOIL BASE.
13. PROVIDE EXTERNAL MANHOLE DROP WHEN MANHOLE HAS AN INVERT DIFFERENTIAL GREATER THAN 18". REFER TO JMWSC STANDARD DETAIL - DROP MANHOLE.
14. CONCRETE CHANNELS SHALL BE BASED UPON PIPE DIAMETER "D".
15. REFER TO JMWSC STANDARD SPECIFICATION - GRAVITY SEWER.



STANDARD MANHOLE
CHANNEL & BENCH



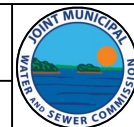
DATE:
10/1/2024

REVISIONS

SCALE:
NTS

STANDARD DETAIL

PRECAST CONCRETE MANHOLE



JOINT MUNICIPAL
WATER AND SEWER
COMMISSION

FILE
NO. SS001