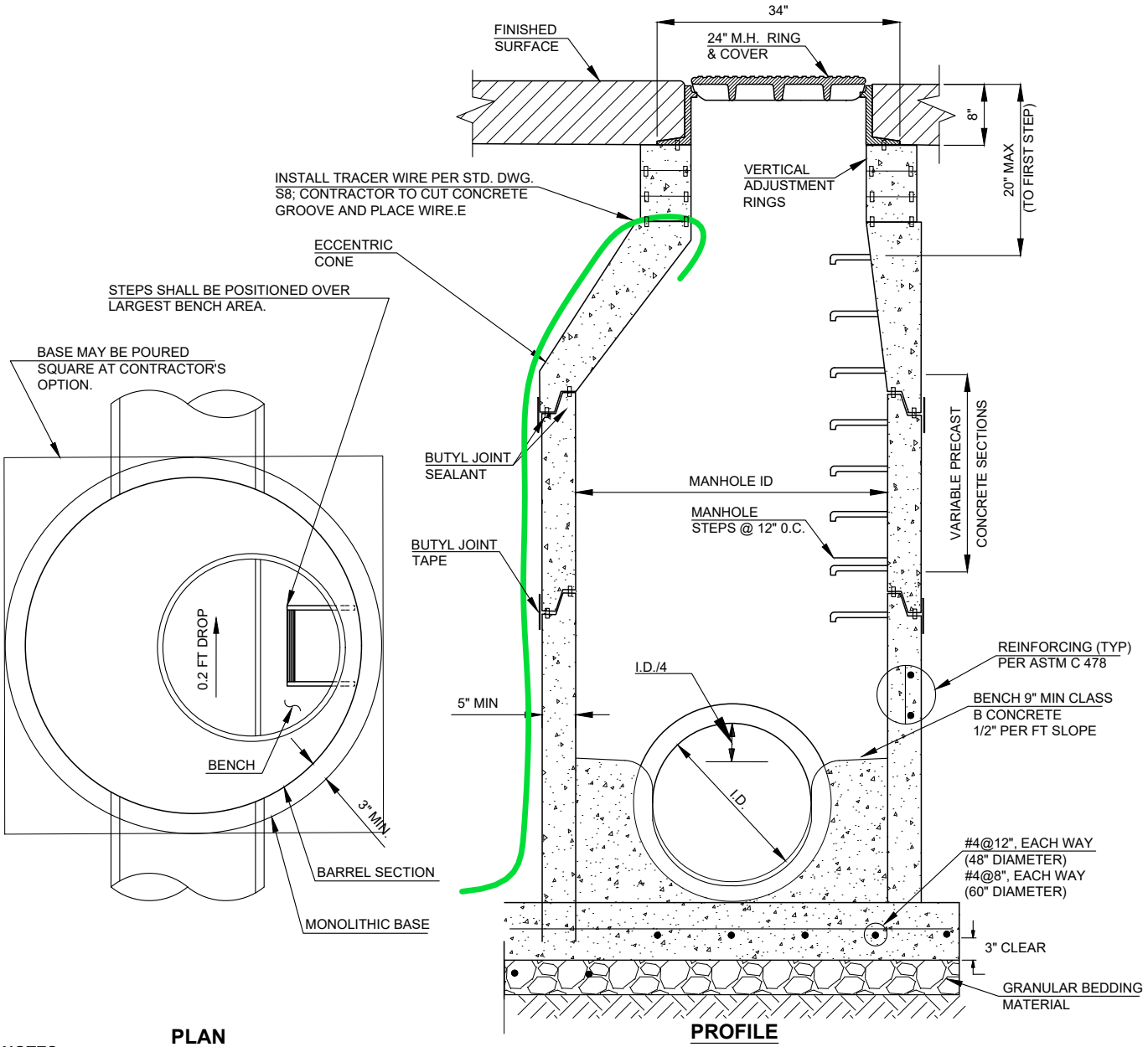

PLAN

PROFILE

NOTES:

1. THE BASE SLAB SHALL BE POURED MONOLITHICALLY WITH BOTTOM RISER SECTION. PRECAST MANHOLE BASES SHALL FIT THE CONDITIONS AND LOCATIONS FOR WHICH THEY ARE INTENDED WITHOUT ANY FIELD MODIFICATIONS.
2. PRECAST MANHOLE BASES SHALL BE BEDDED ON AN APPROVED GRANULAR BEDDING MATERIAL, PER SPECIFICATIONS.
3. WHEN TYING INTO EXISTING MANHOLE - PENETRATION MUST BE CORE-DRILLED AND CONNECTION MUST BE MADE USING LINK SEAL OR **APPROVED** EQUAL AND WATER TIGHT.
   3.1. NEW FLOW-LINE MUST BE AT OR SLIGHTLY ABOVE EXISTING AND MUST SWEEP TO ALLOW SMOOTH TRANSITION TO DOWNSTREAM FLOW.
4. SET EACH MANHOLE RING (OUTER AND INNER JOINT) IN TWO (2) FULL BEDS OF BITUMINOUS MASTIC (RAMNECK) OR PLASTIC SEALING COMPOUND.
5. DESIGN PLANS SHALL INDICATE INVERT (INLET AND OUTLET) ELEVATIONS.
6. MANHOLE TO PIPE CONNECTIONS SHALL BE CONSTRUCTED WITH A COMPRESSION-TYPE FLEXIBLE CONNECTOR, CAST INTO THE MANHOLE WALL PER SPECIFICATIONS.
7. MANHOLE SHALL BE WATER TIGHT.
8. VERTICAL ADJUSTMENT RINGS SHALL BE SEALED WITH TWO SETS (INSIDE AND OUTSIDE OF JOINT, AS ILLUSTRATED ABOVE) OF BUTYL JOINT SEALANT.
9. THE EXTERIOR OF EACH JOINT SHALL BE WRAPPED WITH BUTYL TAPE (EZ-WRAP BY PRESS-SEAL GASKET CORP. OR EQUAL).
10. STUB OUT ONE STICK PAST MANHOLE AT DEAD-END MANHOLES.
11. SEWER TAPS LARGER THAN 4" REQUIRE A MANHOLE.
12. MANHOLES DEEPER THAN 15 FEET SHALL BE 60" IN DIAMETER.
13. FORMED FLOW CHANNEL IN BENCH SHALL MATCH O.D. OF PIPE.
14. IF MANHOLE LID IS IN PAVEMENT RECESS IT 0.5".
15. WHEN TIEING INTO A HIGH FLOW SEWER INVERT OF CONNECTING SEWER SHALL MATCH CROWN OF EXISTING SEWER.
16. MANHOLE INTERIOR COATING SHALL BE REQUIRED IN ANTICIPATED HIGH H_2S AREAS, AS DETERMINED BY DISTRICT ENGINEER.
17. ALL MANHOLES WITH ECCENTRIC CONES SHALL BE ALIGNED WITH THE MANHOLE LIDS TOWARD THE ROAD CENTERLINE.
18. ALL MANHOLES MUST PASS A VACUUM PRESSURE TEST, AS OUTLINED IN SEWER NOTES.
19. CONCRETE IN POURED BASES MUST BE VIBRATED TO ENSURE THERE ARE NO AIR POCKETS.

REV. DATE:	01/2026	MANHOLE DETAIL
SCALE:	N.T.S.	
NTTM	NORTH TABLE MOUNTAIN WATER AND SANITATION DISTRICT	DWG. NO. S2
14806 WEST 52ND AVENUE GOLDEN, COLORADO 80403-1228		

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