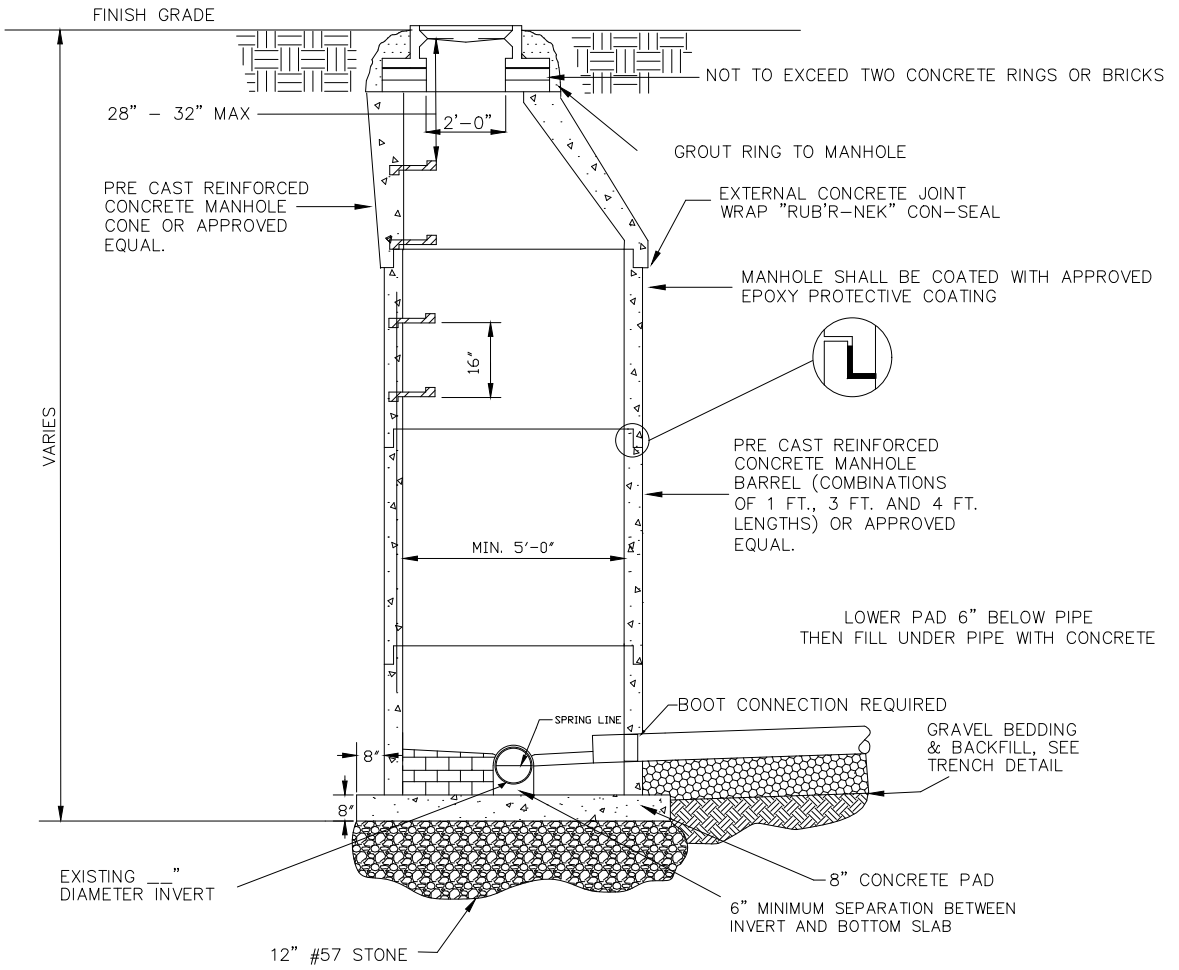
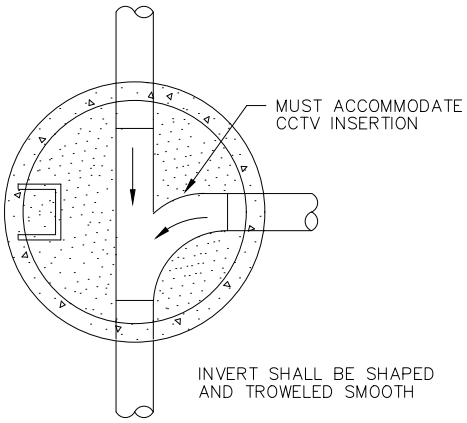


NOTES:

1. MANHOLES SHALL MEET OR EXCEED ASTM-C478.
2. MINIMUM WALL THICKNESS SHALL BE 5".
3. ALL MANHOLE SECTIONS SHALL HAVE LIFTING HOLES PROVIDED.
4. MANHOLE SECTION SHALL BE TONGUE AND GROOVED.
5. STEPS SHALL BE CAST IN PLACE WITH A MAX. 16" O.C.
6. MASTIC OR 'O' RING WILL BE ACCEPTABLE.
7. INLET AND OUTLET PIPES MUST BE AT PROPER ELEVATION WITH OPENING CAST IN MANHOLE BY MANUFACTURER.
8. MANHOLES MAY BE CONSTRUCTED CONCENTRIC IF TOTAL HEIGHT IS 5' OR LESS.
9. DISTANCE FROM BOTTOM OF TROUGH TO SHELF EDGE TO BE 70% DIAMETER OF OUTLET PIPE.
10. 10% SLOPE ON SHELF - ALL DIRECTION.
11. MIN. 15" WIDTH OF SHELF (BENCH).
12. DROP MANHOLE REQ'D. IF DIFFERENCE IN INCOMING SEWER ELEVATION AND MANHOLE INVERT IS EQUAL TO OR EXCEEDS 18".
13. ADJUST ELEVATION OF FRAME AS REQUIRED USING CONCRETE GRADE RINGS.
14. INVERT OF INLET PIPE MUST BE ABOVE THE SPRING LINE ELEVATION OF THE EXISTING PIPE.
15. MANHOLE SHALL BE COATED WITH APPROVED EPOXY PROTECTIVE COATING.
16. TOP OF EXISTING PIPE SHALL NOT BE CUT OUT UNTIL PTO RECEIVED AND BCWS PERSONNEL PRESENT. OPENING CUT OUT MUST ACCOMMODATE MAIN LINE CAMERA.
17. ALL OPENINGS TO BE SEALED WITH NON SHRINK GROUT.
18. ALL DOGHOUSE MANHOLES REQUIRE COMPOSITE FRAME AND COVERS BEFORE COATING.
19. CONTACT BCWS 72 HOURS PRIOR FOR AN INSPECTION DURING MANHOLE INSTALLATION.
20. PRECAST DOGHOUSE MANHOLES MUST MEET BCWS DESIGN DETAILS AND BCWS MUST APPROVE DRAWING SUBMITTALS FROM MANUFACTURER PRIOR TO INSTALLATION.



"DOGHOUSE TYPE" MANHOLE

NOT TO SCALE

SEWER PANEL 2G

BERKELEY COUNTY WATER AND SANITATION

POTABLE WATER & SANITARY SEWER STANDARDS

REVISED 07/09/2025