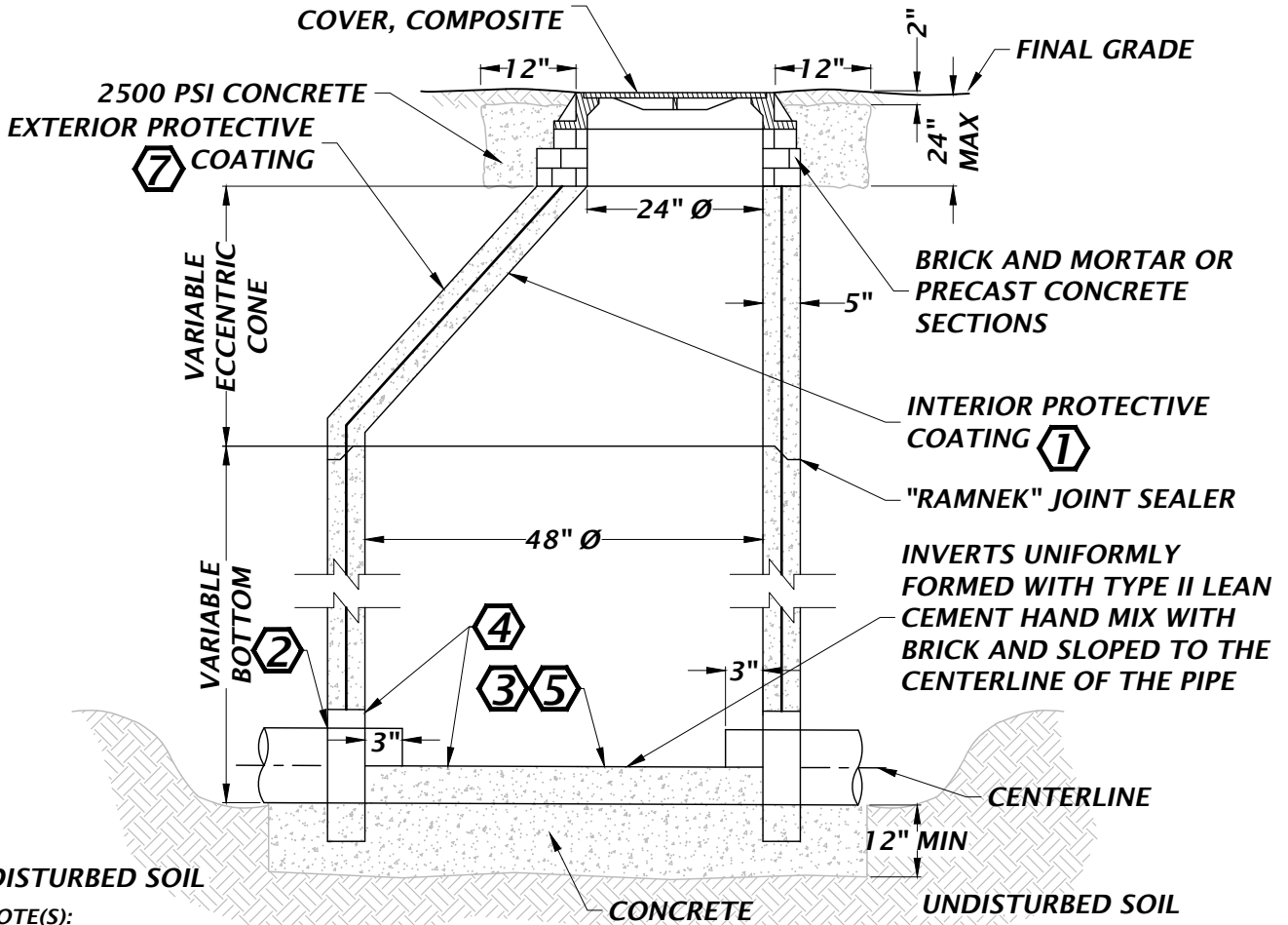


SIMILAR 213

MANHOLE FRAME AND COVER, COMPOSITE



GENERAL NOTE(S):

1. USE THIS DETAIL FOR WASTEWATER WITH LARGE AMOUNTS OF HYDROGEN SULFIDE.
2. USE FOR MANHOLES THAT RECEIVE FORCE MAIN DISCHARGE EITHER DIRECTLY OR INDIRECTLY.
3. USE EITHER FOR OFF-ROAD OR CITY-ROAD LOCATIONS.
4. EXISTING PIPE PASSES THROUGH MANHOLE. REMOVE ITS TOP HALF.
5. SEE (217) FOR CROSS-SECTION VIEW OF PIPE.

KEYED NOTE(S):

- (1) PROVIDE AGRU SURE-GRIP YELLOW 3.0 MM THICK LINER. INSTALL AS PER LATEST VERSION OF CITY OF ALACHUA, PUBLIC SERVICES, DESIGN AND CONSTRUCTION MANUAL.
- (2) IF NECESSARY, INCREASE SIZE OF DOG HOUSE OPENING TO ACCOMMODATE PIPE SIZE. FILL-IN WITH BRICK/MORTAR MIXTURE.
- (3) BEFORE CUTTING PIPE, INSTALL BRICK/MORTAR MIXTURE FROM MANHOLE BOTTOM TO PIPE CENTERLINE. SLOPE TO PIPE CENTERLINE.
- (4) BEFORE CUTTING PIPE, COAT BRICK/MORTAR MIXTURE WITH RAVEN 405 EPOXY COATING. COAT MANHOLE BOTTOM AND PIPE PENETRATIONS.
- (5) CUT AND REMOVE TOP HALF (CENTERLINE) OF (PVC) PIPE. START CUT 3-INCHES FROM MANHOLE WALL.
- (7) EXTERIOR: TWO COATS WATER BASED EPOXY COATING. RED INITIAL COAT FOLLOWED BY GRAY FINAL COAT.

219

**DOGHOUSE MANHOLE
CONSTRUCTION, TYPE 2
NTS**

