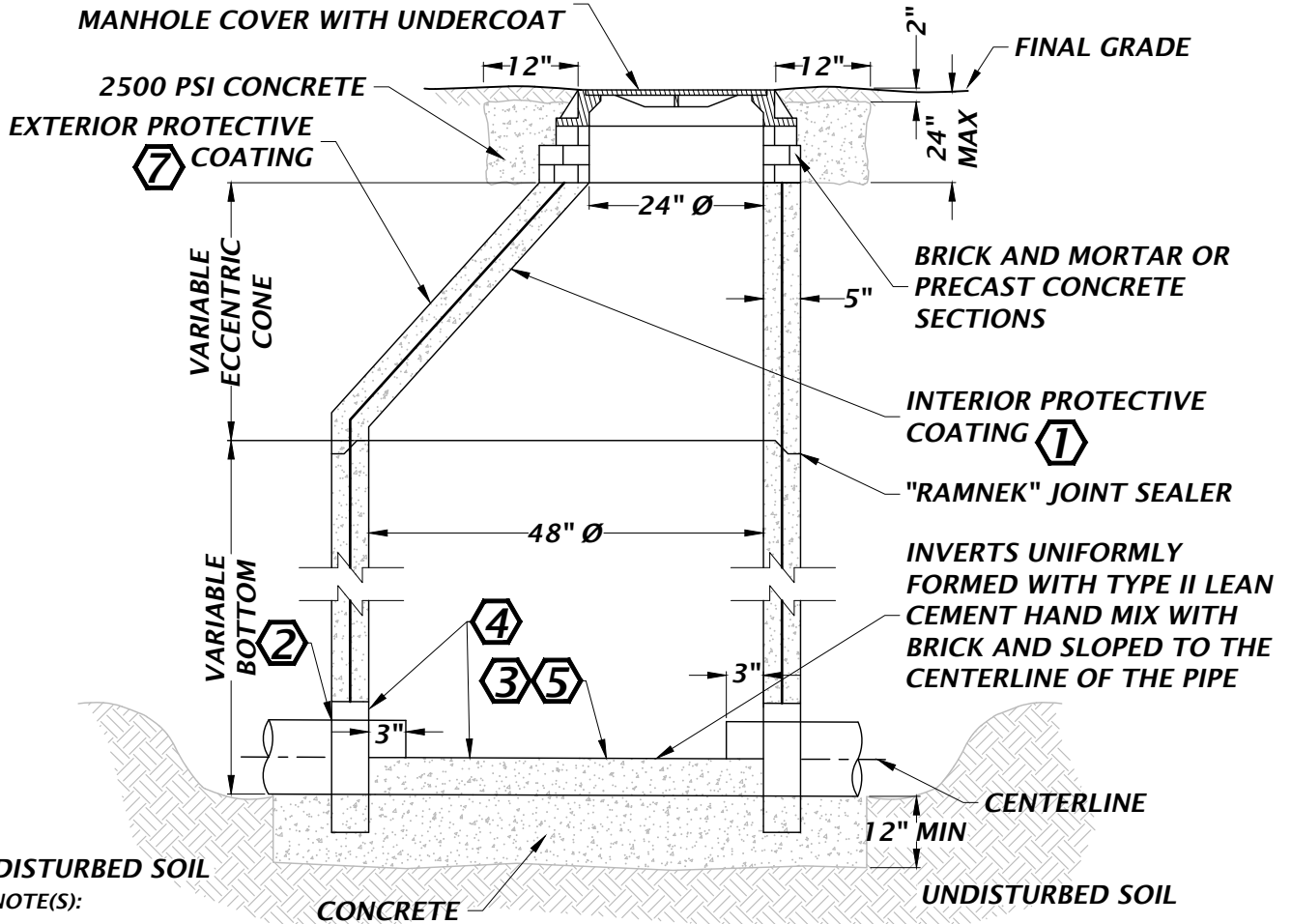


**SIMILAR (214)**

**MANHOLE COATED FRAME AND  
MANHOLE COVER WITH UNDERCOAT**



**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 COUNTY ROAD OR STATE 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.
- (6) EXTERIOR: TWO COATS WATER BASED EPOXY COATING. RED INITIAL COAT FOLLOWED BY GRAY FINAL COAT.

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**DOGHOUSE MANHOLE  
CONSTRUCTION, TYPE 3  
NTS**

