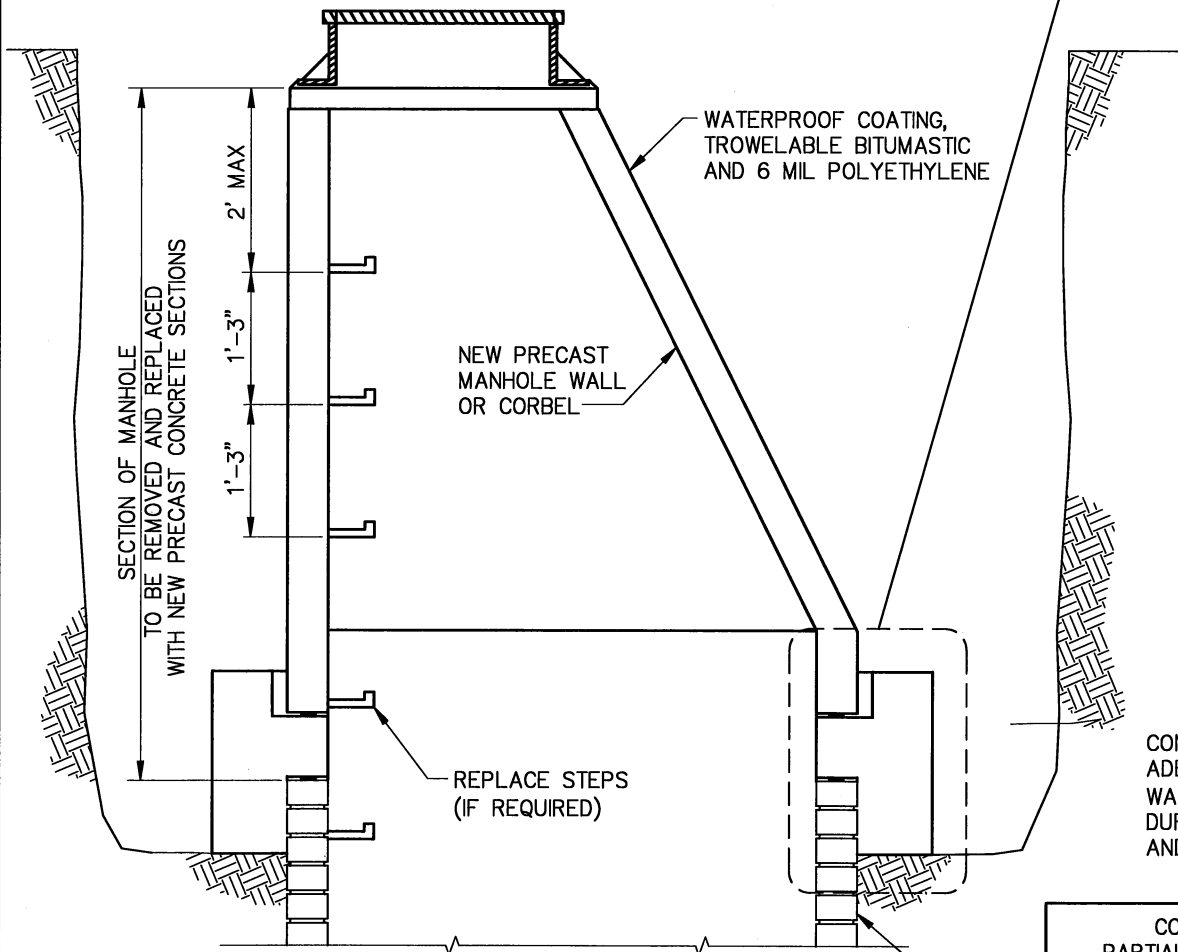
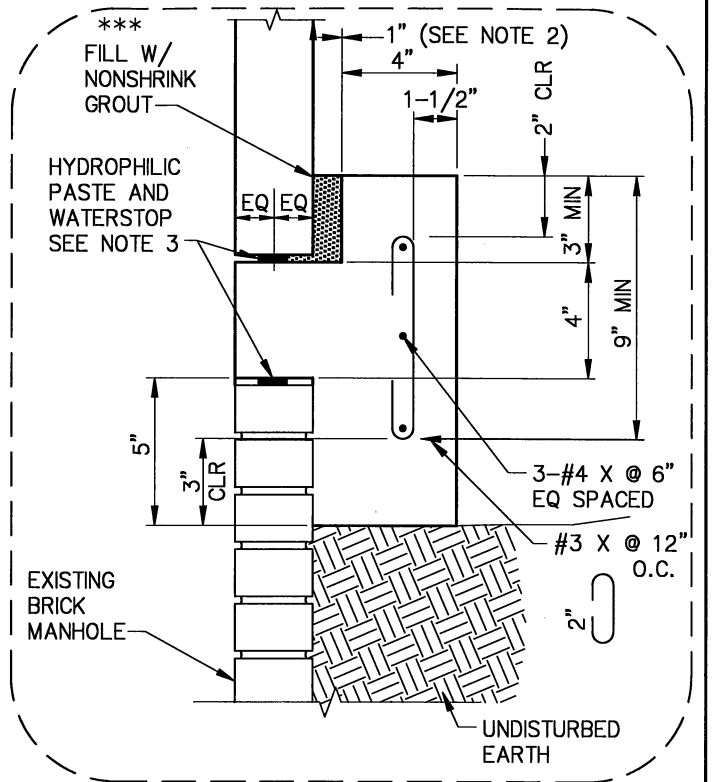


NOTE:

1. REMOVE BRICKS TO FIRST COMPLETE ROW BELOW BOTTOM OF EXISTING CORBEL.
2. MAY BE LARGER IF IRREGULARITY OF EXISTING MANHOLE REQUIRES ADDITIONAL WIDTH.
3. HYDROPHILIC PASTE SHALL BE ADEKA P101 OR EQUAL. INSTALL PER MANUFACTURER RECOMMENDATIONS.
4. HYDROPHILIC WATERSTOP SHALL BE ADEKA KBA-1510FP, OR EQUAL. INSTALL PER MANUFACTURER RECOMMENDATIONS.



CONTRACTOR TO PROVIDE ADEQUATE BRACING TO PREVENT WALL/CORBEL MOVEMENT DURING INSTALLATION AND BACKFILL OPERATIONS

**PARTIAL MANHOLE REPLACEMENT
TYPE F REPAIR
NOT TO SCALE**

CONCRETE COLLAR FOR PARTIAL MANHOLE REPLACEMENT	
CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT	
DRAWN BY: S.R.W.	APPROVED:
CHECKED BY:	
DATE: OCTOBER 2013	
NOT TO SCALE	STANDARD NO. 401A