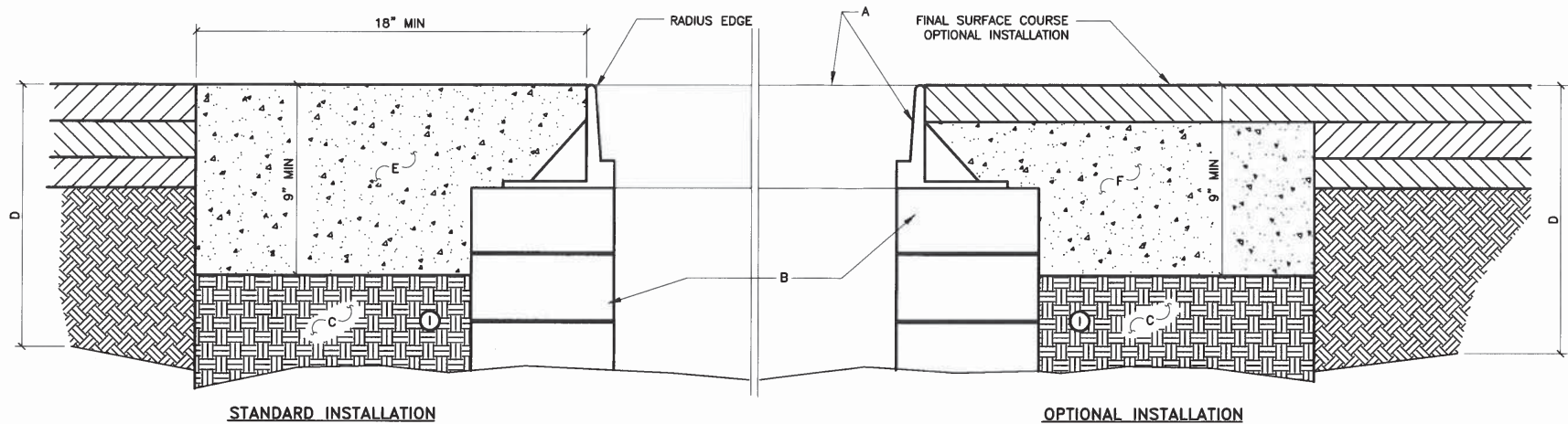


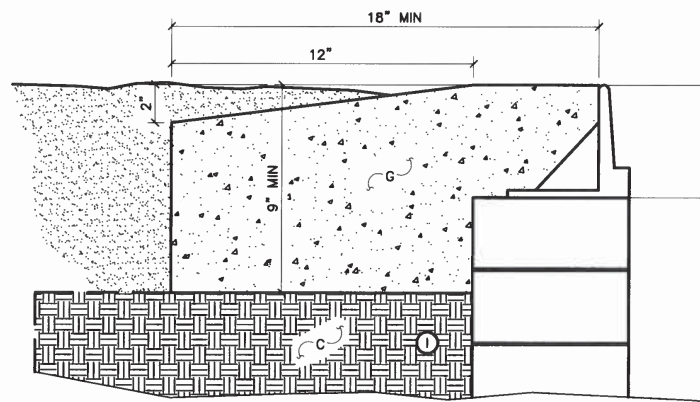




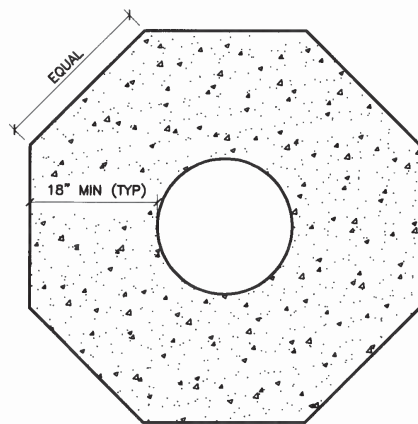
Locate and adjust three existing monitoring well boxes to grade with COA standard manhole collars.



PAVED AREAS



STANDARD INSTALLATION  
DIRT AREAS



TOP PLAN

GENERAL NOTES:

- A MANHOLE OR VALVE BOX RING AND COVER PER CITY STANDARDS.
- B MANHOLE CONE/EXTENSION OR VALVE PIPE PER CITY STANDARDS. PIPE WITH SMOOTH INTERIOR.
- C 12" SUBGRADE, 95% COMPACTION (ASTM).
- D PAVING SECTION PER APPROVED DRAWINGS.
- E CONCRETE COLLAR IN PAVED AREAS – TYPICAL INSTALLATION.
- F CONCRETE COLLAR IN PAVED AREAS WITH ASPHALT CAP. TO BE USED WHEN CALLED FOR ON PLANS OR AS DIRECTED BY THE ENGINEER. WATER AUTHORITY APPROVAL MUST BE OBTAINED PRIOR TO INSTALLATION ON SANITARY SEWER AND/OR WATER APPLICATIONS.
- G CONCRETE COLLAR IN DIRT AREAS – SET RING 1" ABOVE GRADE AND SLOPE CONCRETE DOWN AS SHOWN TO 1" BELOW GRADE.
- H WATER VALVE INSTALLATIONS SHALL HAVE SURFACE STAMPED WITH LINE INFORMATION PER CITY STANDARD DWG 2326.
- I ELECTRONIC MARKER DEVICE (EMD) REQUIRED FOR ALL SANITARY SEWER MANHOLES AND WATER VALVES, SEE COA STANDARD SPECIFICATION SECTION 170.

REVISIONS	WATER AUTHORITY
	MANHOLE/VALVE
	CONCRETE COLLAR DETAIL
DWG. 2461	JANUARY 2011