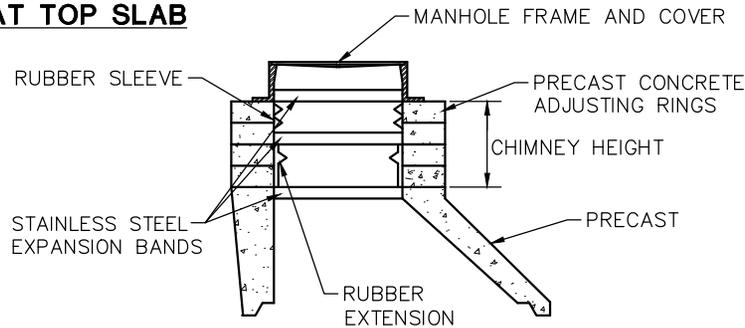
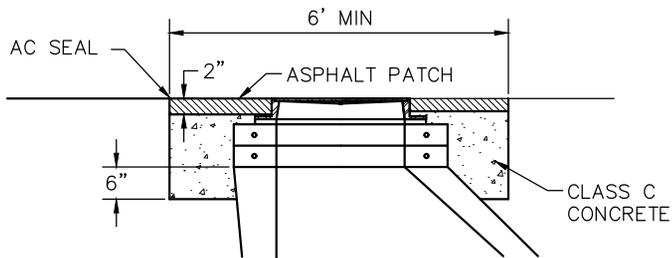


**FLAT TOP SLAB**



**INTERNAL MANHOLE CHIMNEY SEAL**

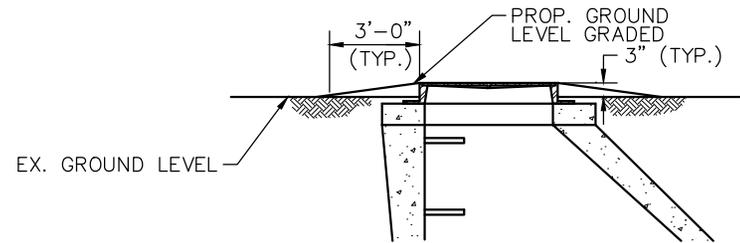
(REQUIRED BY ALL SANITARY APPLICATIONS)



**MANHOLE REPAIR CASTING CONSTRUCTION**

**NOTES:**

1. PRECAST CONCRETE ADJUSTING RINGS— ENCASE WITH CONCRETE 6" DOWN FROM BARRELL TOP AND UP TO WITHIN 2" OF SURFACE AND EXTENSIONS. METAL ADJUSTING RINGS WILL NOT BE ALLOWED UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
2. SET MANHOLE, PRECAST CONCRETE ADJUSTING RINGS AND CASTING AND PAVE OVER MANHOLE. THEN DIG OUT, ENCASE COLLARS AND CASTING AS PER DETAIL WITH CONCRETE TO WITHIN 2" OF SURFACE. THE MANHOLE WILL HAVE A PATCHED RADIUS OF (2") ASPHALT.



**TYPICAL OFF STREET MANHOLE GRADING**

**NOTES**

- A. MANHOLE STEPS SHALL BE SECURLY INSTALLED INTO EACH MANHOLE SECTION, BY THE MANUFACTURER, PRIOR TO DELIVERY TO THE JOB SITE.
- B. MANHOLE STEPS SHALL BE PFS-1 STEP BY M.A. INDUSTRIES OR EQUIVLENT.