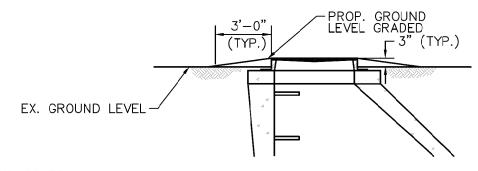


MANHOLE DETAILS



RUBBER SLEEVE PRECAST CONCRETE ADJUSTING RINGS CHIMNEY HEIGHT STAINLESS STEEL EXPANSION BANDS RUBBER RUBBER EXTENSION

NON-SHRINK GROUT OR JOINT SEALER

MANHOLE FRAME & LID

TYPICAL OFF STREET MANHOLE GRADING

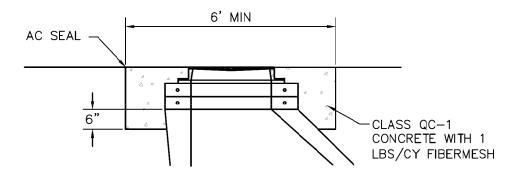
NOTES

- 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 EQUVILENT.

INTERNAL MANHOLE CHIMNEY SEAL

 $\hat{\phi}$

(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 FLUSH WITH SURFACE. METAL ADJUSTING RINGS WILL NOT BE ALLOWED.
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 THE SURFACE.

CITY OF URBANA

PRECAST ADJUSTING RING (MIN. ADJUSTMENT 2") — (MAX. ADJUSTMENT 12")

PRECAST FLAT—

SLAB TOP O-RING

MISCELLANEOUS SANITARY MANHOLE DETAILS

EVISIONS: 2-20-12 4-10-19	DATE APPROVED: 01-13-06
	PAGE No.
	1167.84

11