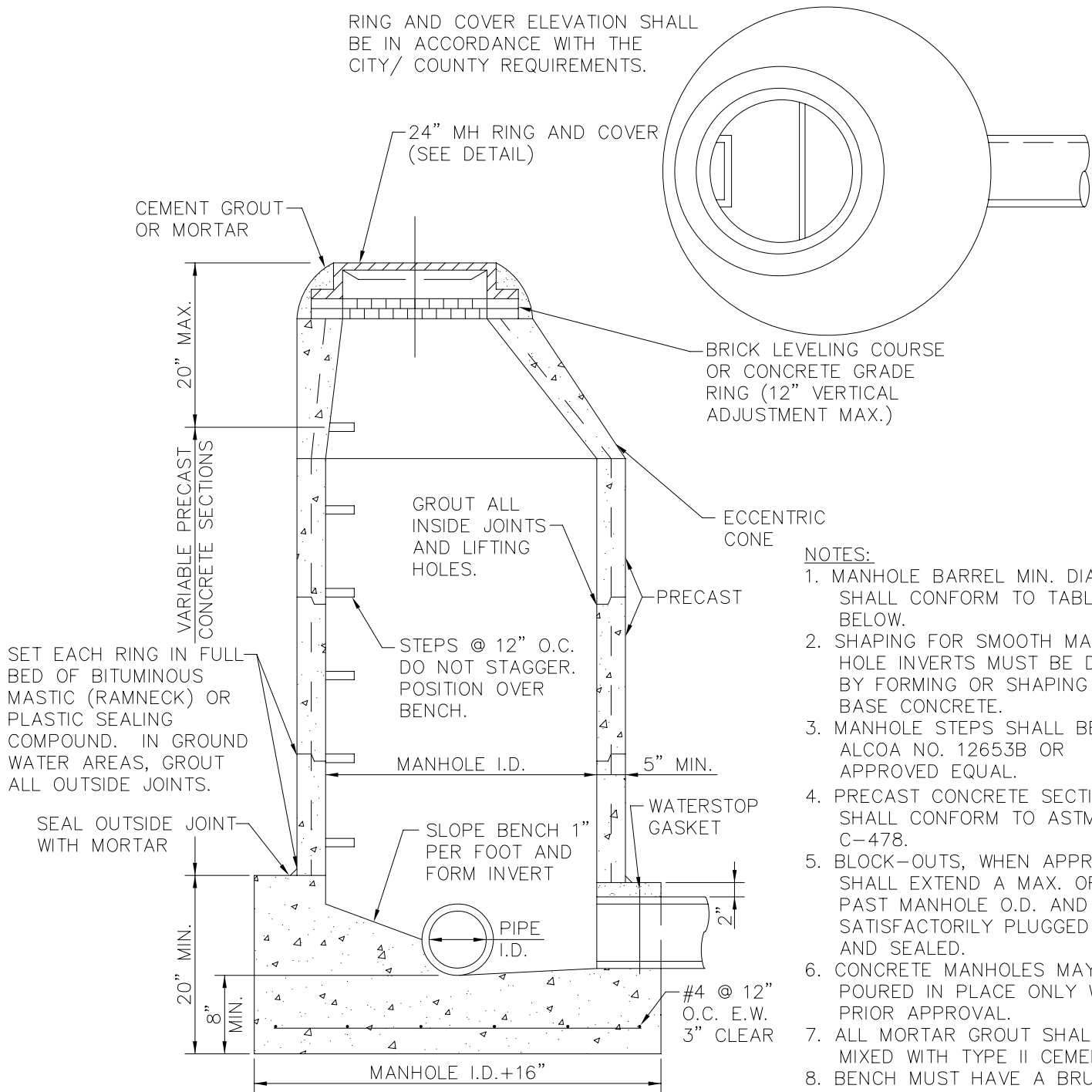


RING AND COVER ELEVATION SHALL BE IN ACCORDANCE WITH THE CITY/ COUNTY REQUIREMENTS.



**NOTES:**

1. MANHOLE BARREL MIN. DIA. SHALL CONFORM TO TABLE BELOW.
2. SHAPING FOR SMOOTH MANHOLE INVERTS MUST BE DONE BY FORMING OR SHAPING BASE CONCRETE.
3. MANHOLE STEPS SHALL BE ALCOA NO. 12653B OR APPROVED EQUAL.
4. PRECAST CONCRETE SECTIONS SHALL CONFORM TO ASTM C-478.
5. BLOCK-OUTS, WHEN APPROVED, SHALL EXTEND A MAX. OF 6" PAST MANHOLE O.D. AND BE SATISFACTORILY PLUGGED AND SEALED.
6. CONCRETE MANHOLES MAY BE POURED IN PLACE ONLY WITH PRIOR APPROVAL.
7. ALL MORTAR GROUT SHALL BE MIXED WITH TYPE II CEMENT.
8. BENCH MUST HAVE A BRUSHED, NON-SKID SURFACE.
9. OUTFALL OR DROP MANHOLES SHALL BE LINED WITH SIKAGARD NO. 62 OR APPROVED EQUAL, COATED WITH 20 MIL. MIN. APPLIED IN 4-7 MIL. LAYERS, PER MANUFACTURER'S SPECIFICATIONS. PRIOR TO LINING, THE MANHOLE SHALL HAVE A PURGE COAT (SAND-CEMENT RUB) TO FILL SURFACE POCKETS.

| PIPE I.D.     | MANHOLE I.D.   | RING & COVER    |
|---------------|----------------|-----------------|
| 18" & SMALLER | 4'-0"▲         | 24"             |
| 21" TO 48"    | 5'-0"          | 30"             |
| 54"           | 6'-0"          | 30", 36" W/ 24" |
| 60" & LARGER  | SPECIAL DESIGN | INNER COVER     |

▲ WHENEVER MORE THAN A TWO WAY MANHOLE OF MAX. PIPE I.D. IS REQUIRED, THE MANHOLE SHOULD BE INCREASED TO LARGER DIA., EG. 18"x18"x18", REQUIRES 5'-0" I.D.

DATE  
7/2007



PLATTE CANYON  
WATER & SANITATION DISTRICT

DRAWING  
D.7S

PRECAST MANHOLE