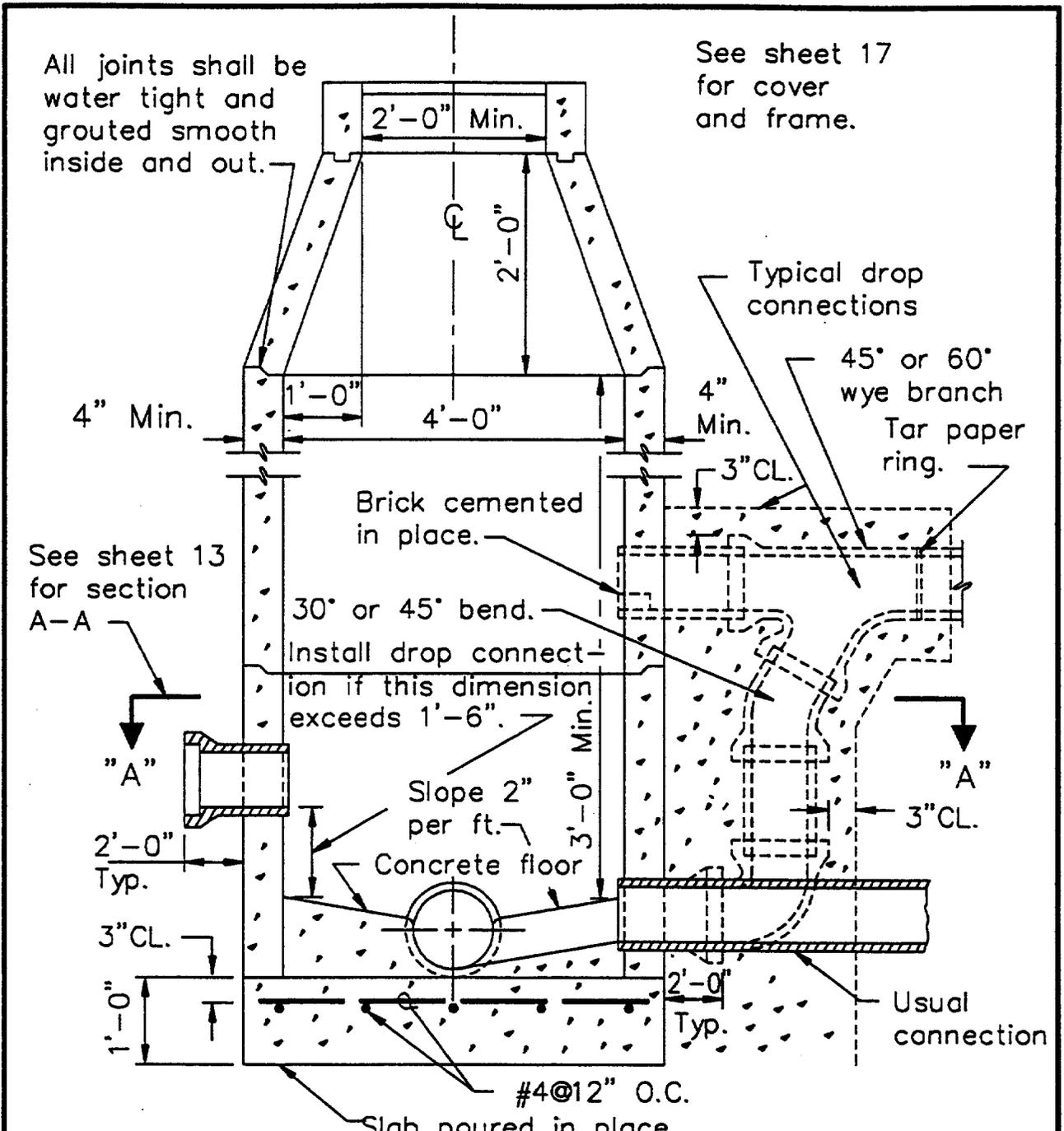


NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



All joints shall be water tight and grouted smooth inside and out.

See sheet 17 for cover and frame.

See sheet 13 for section A-A

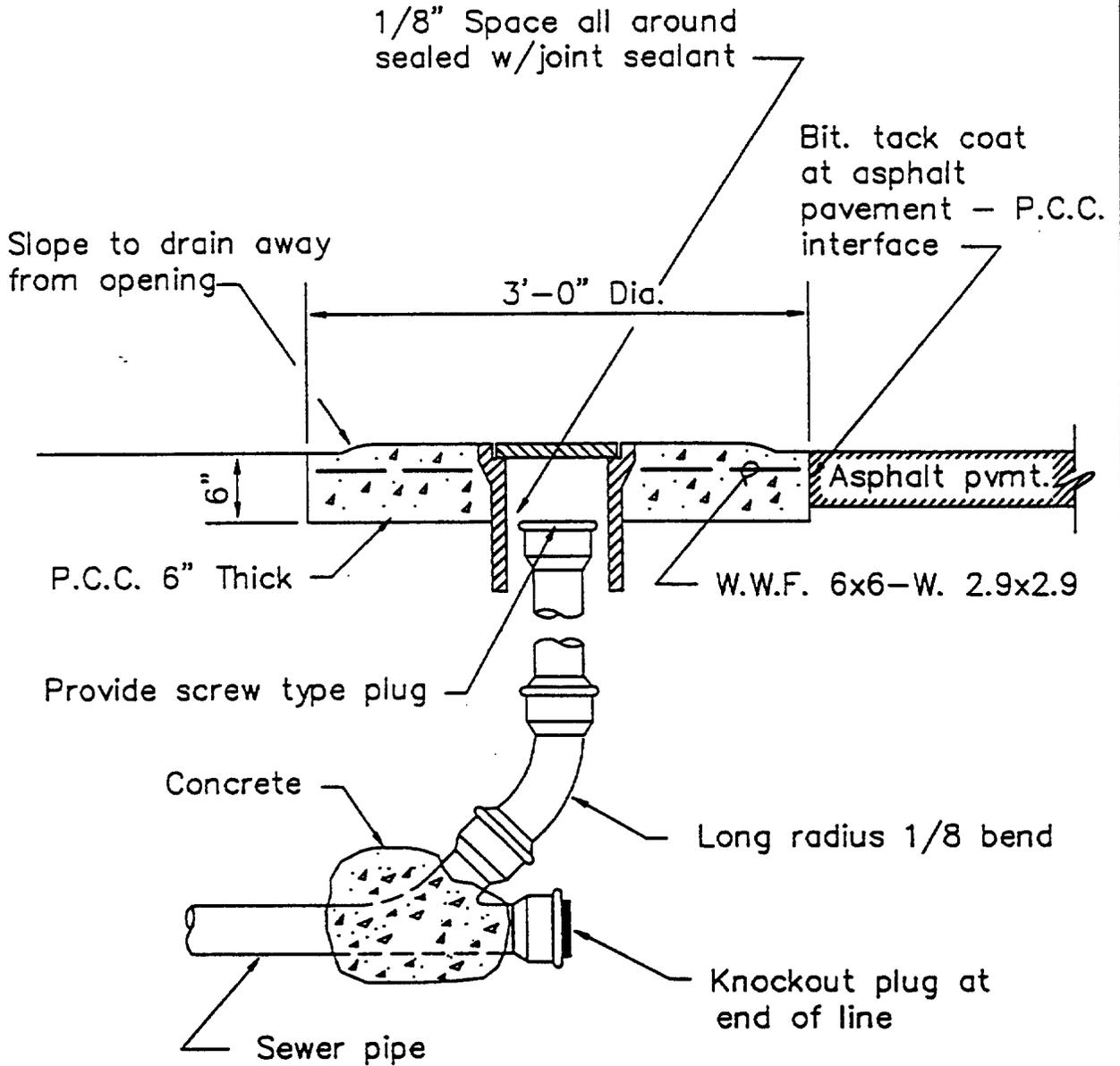
NOTE:

1. Cast in place Concrete Manholes shall have a minimum wall thickness of 8", reinforced with #4 Bars @ 12" O.C. bothways at center of wall. Foundation and floor details will be the same as shown for Precast Manholes.
2. Provide joint within 2' of manhole wall at each pipe.

SECTION — TAPERED MANHOLE

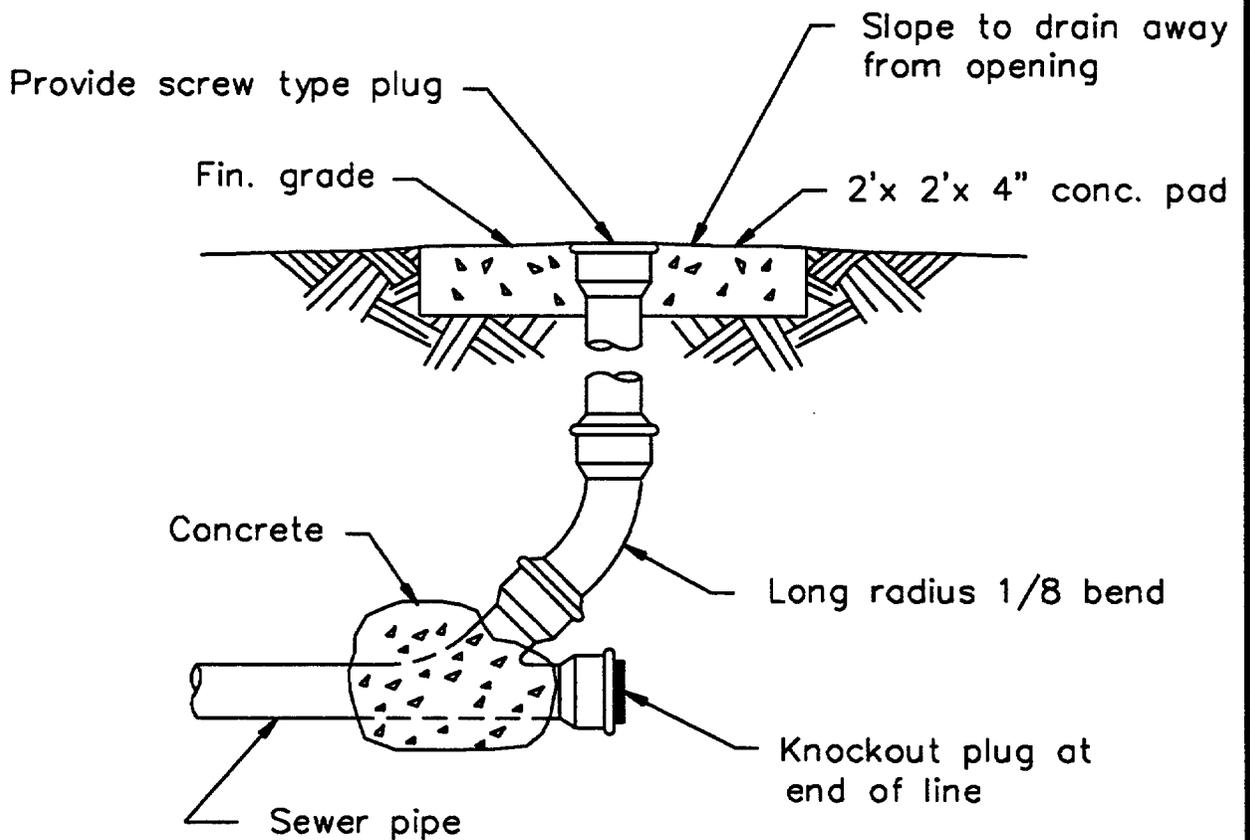
NO SCALE

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



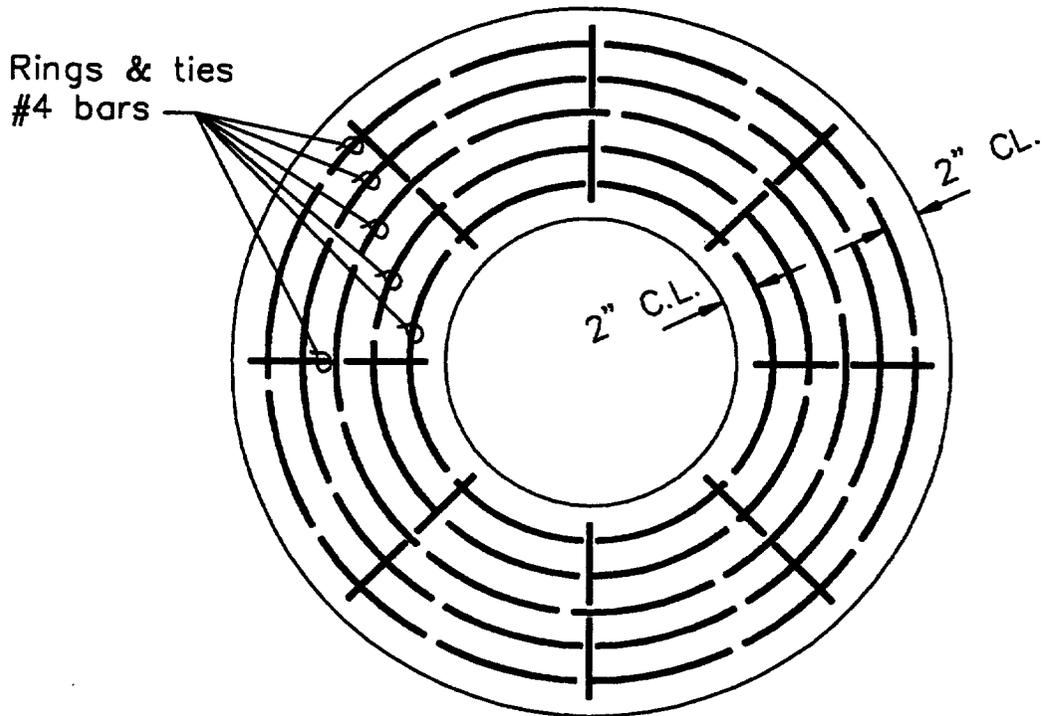
TYPICAL LOAD BEARING SURFACE
CLEANOUT FOR PAVED AREAS
NO SCALE

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

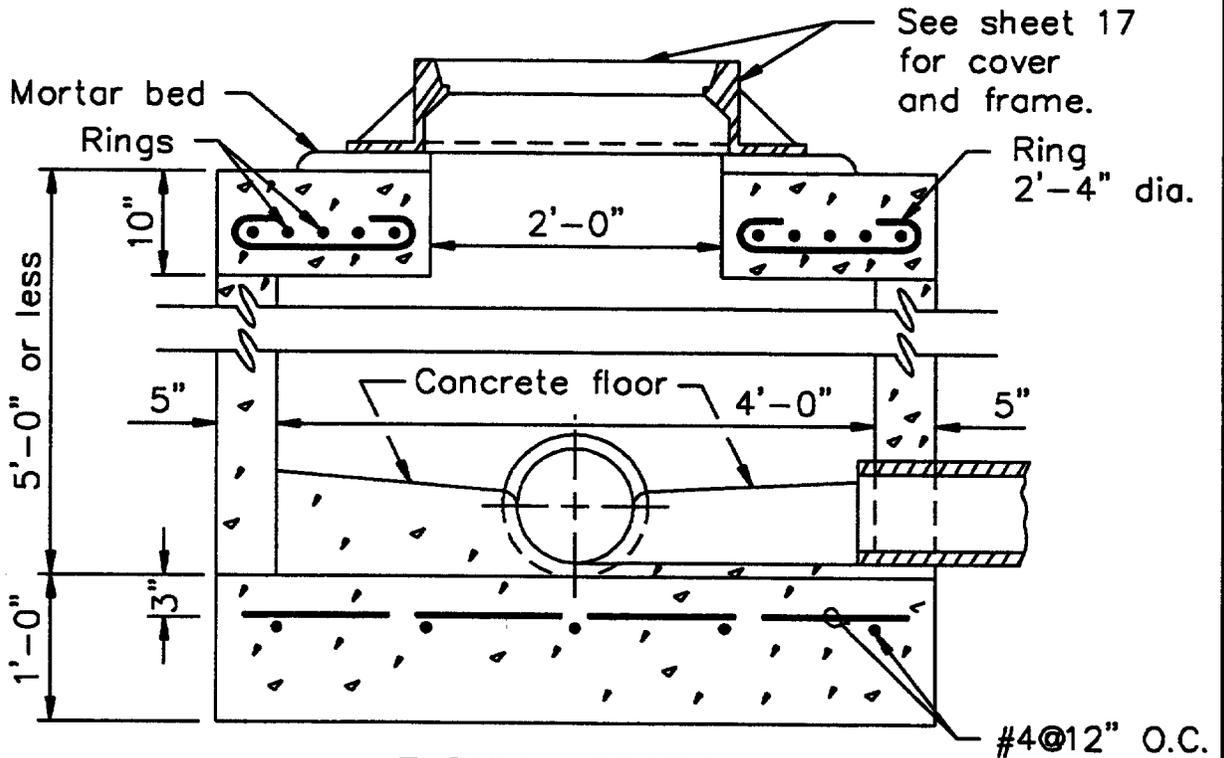


TYPICAL SURFACE CLEANOUT
FOR NON-PAVED AREAS
NO SCALE

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

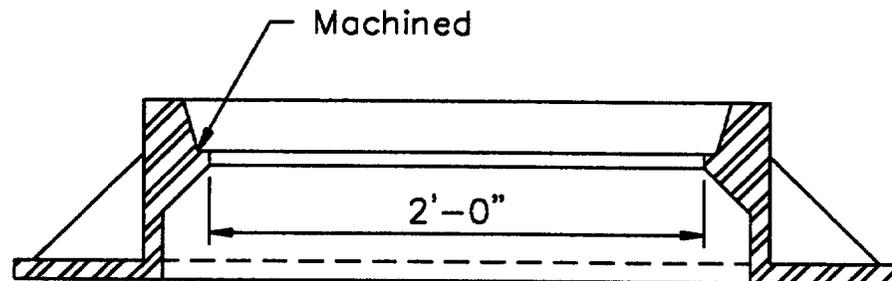


PLAN-RING REINFORCING



TYPICAL SECTION
SHALLOW MANHOLE
(PRECAST REINFORCED CONCRETE)
SCALE: 3/4" = 1'-0"

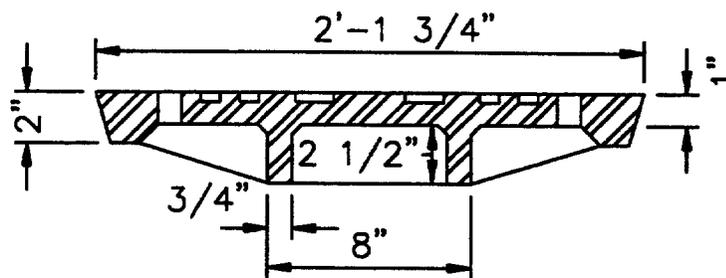
NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



FRAME

NOTE:

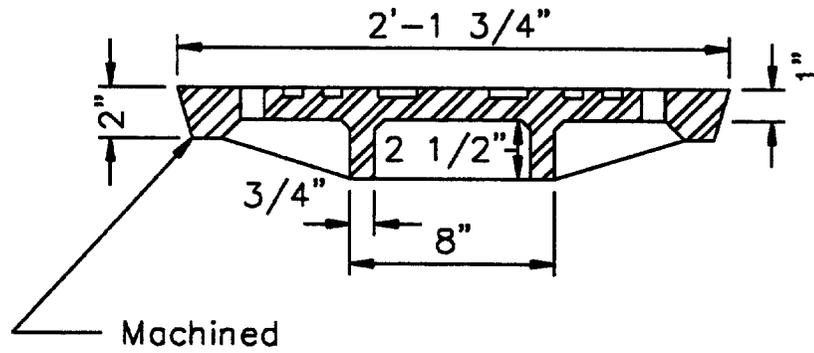
Cover frames shall be securely installed in a bed of cement mortar.



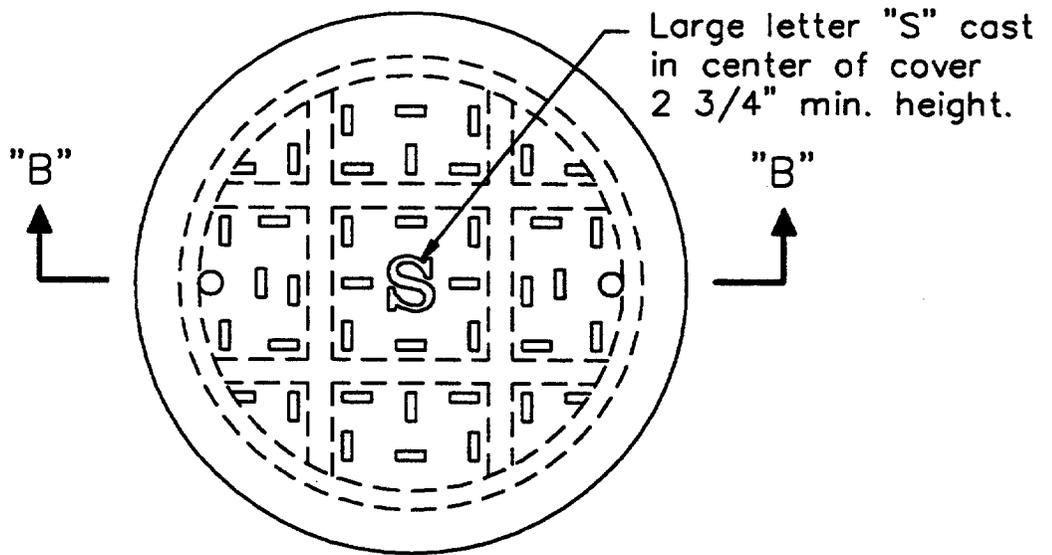
COVER

SECTION - MANHOLE COVER AND FRAME

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



SECTION "B-B"



PLAN OF COVER

NOTE:

When Manholes are located in non-traffic areas the covers may be cast iron without the ribs, unless otherwise indicated.

PLAN - MANHOLE COVER