

MARCH, 2005

TYPE "C-L" CATCH BASIN

PUBLIC WORKS DIRECTOR



ADJUST FRAME ELEVATION
WITH CONC. BLOCKS OR
BRICKS, 6" TO 12"

ALL JOINTS TO BE
POINTED FLUSH & FULL

PRE CAST CONCRETE OR
CONCRETE MASONRY UNITS

PRE CAST SUMP OR
_SLAB (OR EQUAL) 3500 PSI

6" OF 3/4" CRUSHED
STONE

FRONT ELEVATION

NOTES:

1. MINIMUM COVER OVER TOP OF PIPE SHALL BE 2'-0".
2. WALL THICKNESS SHALL BE SUFFICIENT TO MEET HS-20 LOADING.
3. WALL THICKNESS FOR STRUCTURES OVER 10' HIGH IS 12" FOR CONCRETE BLOCK UNITS. INSIDE DIMENSIONS REMAIN THE SAME.
4. ALL PIPES SHALL BE CUT FLUSH WITH INSIDE WALLS.
5. ALL BRICKS SHALL BE CONCRETE.



SIDE ELEVATION

6. ALL PIPE PENETRATIONS SHALL BE PARGED SMOOTH TO PROVIDE A WATERTIGHT SEAL BOTH INSIDE AND OUTSIDE THE BASIN.
7. INSIDE WALLS OF STRUCTURE TO BE SMOOTH. NO SHELVES ALLOWED.
8. IF 4' SUMP IS NOT POSSIBLE DUE TO UTILITY CONFLICTS OR SITE CONSTRAINTS, A 2' SUMP MAY BE SUBMITTED FOR THE TOWN ENGINEERS APPROVAL.
9. FRAME AND GRATE SHALL BE GALVANIZED.

NOT TO SCALE

SD-20

CLBASIN.DWG