

BITUMINOUS PAVEMENT

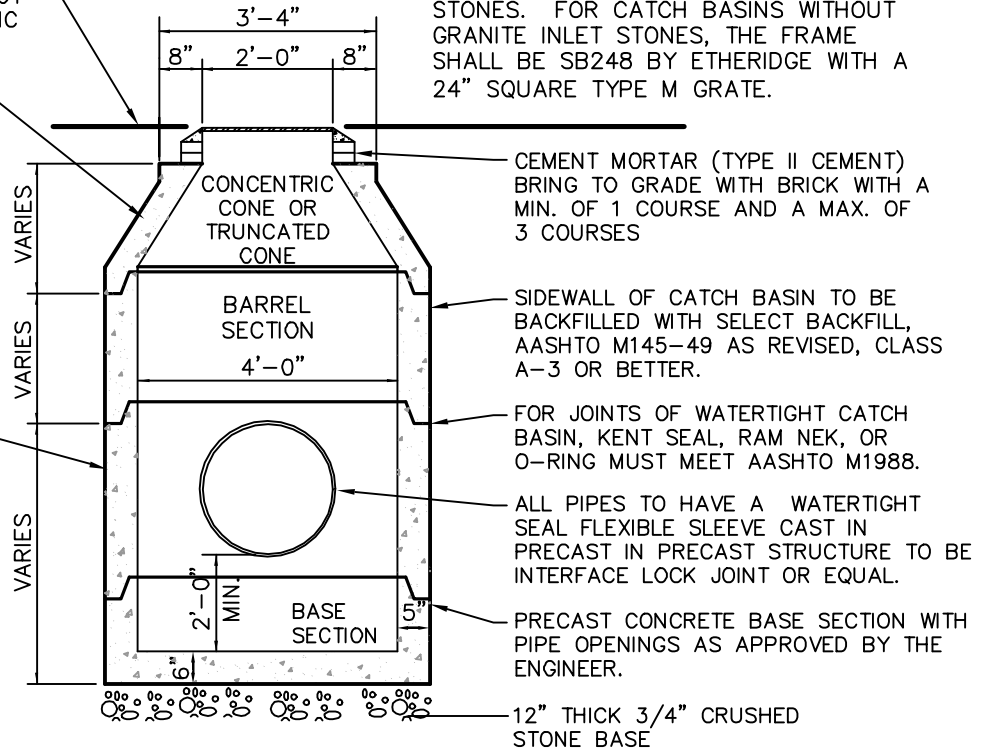
WHERE DEPTH OF COVER IS NOT SUFFICIENT TO USE CONCENTRIC OR TRUNCATED CONE, A FLAT TOP MAY BE USED.

NOTE:

WHERE THE CATCH BASIN IS INSTALLED ADJACENT TO BITUMINOUS CONCRETE OR TYPE V SLOPED CURB, SET CENTERLINE OF CATCH BASIN FRAME 1'-6" OFF FACE OF CURB.

EXTERIOR OF STRUCTURE SHALL BE TREATED WITH 2 COATS OF APPROVED DAMP PROOF MATERIAL

FRAME SHALL BE SA248 BY ETHERIDGE WITH A 24" SQUARE TYPE M GRATE FOR CATCH BASINS WITH GRANITE INLET STONES. FOR CATCH BASINS WITHOUT GRANITE INLET STONES, THE FRAME SHALL BE SB248 BY ETHERIDGE WITH A 24" SQUARE TYPE M GRATE.



DESIGN NOTES:

1. ALL CONCRETE TO HAVE A MIN. OF 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
2. DESIGN LOAD FOR H-20 WHEEL LOAD.
3. CATCH BASIN TO CONFORM TO ASTM-C478 SPECIFICATIONS.
4. REINFORCE TO 0.12 IN SQ./LF..

NOTE: CASCADE GRATES SHALL BE INSTALLED ON GRADIENT OF GUTTER IF PROFILE GRADE EXCEEDS 5%. GRATES SHALL BE DEPRESSED 2" BELOW NORMAL GUTTER GRADE UNLESS THIS DEPRESSION INTERFERES WITH TRAFFIC. PARALLEL BAR GRATES SHALL BE INSTALLED ON A LEVEL GRADIENT.

**(DR-1) CITY OF SACO
4'-0" DIAMETER PRECAST CATCH BASIN**

N.T.S.