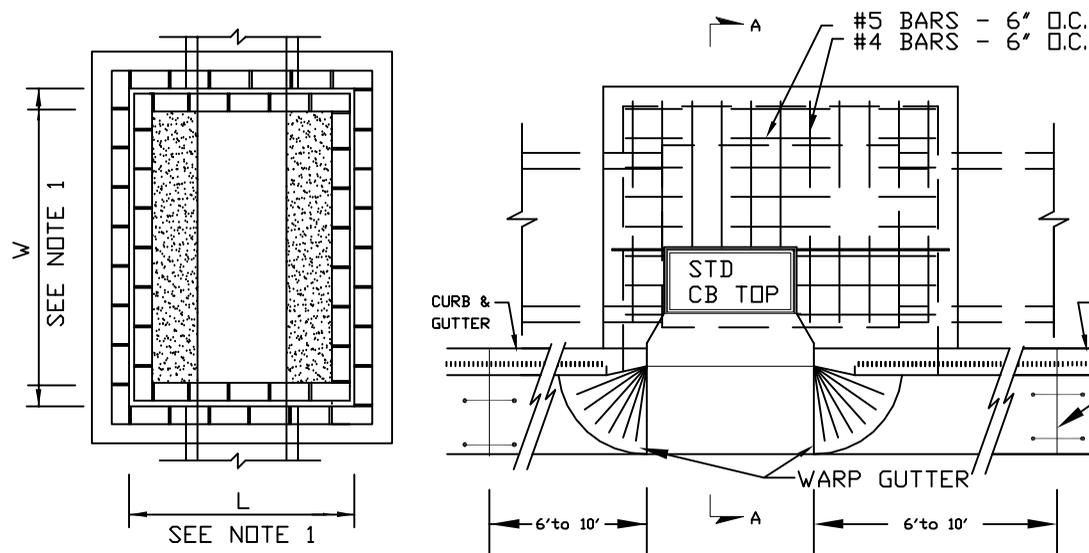


SECTION A-A



SECTION B-B

PLAN VIEW

DRAINAGE STRUCTURE NOTES

L & W EQUALS 3' OR O.D. OF PIPE, WHICHEVER IS GREATER, WHERE DEPTH DOES NOT EXCEED 4'.
L & W EQUALS 4' OR O.D. OF PIPE, WHICHEVER IS GREATER, WHERE DEPTH EXCEEDS 4'. W SHALL BE INCREASED FOR MULTIPLE CATCH BASINS.

8" BRICK OR NON-REINFORCED CONCRETE WALLS AND FLOOR MAY BE USED FOR STRUCTURES LESS THAN 6' DEEP AND PIPE SIZES LESS THAN OR EQUAL TO 48'.

PRECAST STRUCTURES MAY BE SUBSTITUTED UPON APPROVAL OF DESIGN BY DEPARTMENT OF PUBLIC WORKS.

BRICK SHALL BE NO. 1 HARD BURNED RED BRICK THE THREE HOLE TYPE. ALL CONCRETE TO BE CLASS A-3.

MORTAR SHALL BE A MIX OF ONE (1) PART PORTLAND CEMENT TO TWO (2) PARTS CLEAN GRADED SAND. JOINTS SHALL BE SMOOTH.

DRAINAGE STRUCTURE FOUNDATION SLAB TO BE PLACED ON A BED OF AGGREGATE BASE STONE WHERE NECESSARY FOR STABILIZATION. STONE SHALL BE A MIN. OF SIX INCHES (6") DEEP. FOUNDATION SLAB TO BE CLEAN AND DRY PRIOR TO INSTALLATION OF BRICK AND PLASTERED FINISH.

THE INVERT IS TO BE SHAPED IN ACCORDANCE WITH STANDARD PLAN IS-1. FURNISHING AND PLACING ALL MATERIALS INCIDENTAL TO THE SHAPING IS TO BE INCLUDED IN THE PRICE BID.

BRICK MASONRY SHALL BE LAID SO THAT EACH UNIT WILL BE THOROUGHLY BONDED WITH MORTAR. SUCH JOINTS SHALL BE CONSTRUCTED BY THE SHOVE JOINT METHOD AND THE WIDTH OF THE FINISHED JOINTS IN THE FACE SHALL NOT BE GREATER THAN THREE-EIGHTS INCH (3/8") STRETCHER COURSES SHALL ALTERNATE TO FULLY BOND THE MASS. THE INSIDE JOINTS SHALL BE NEATLY POINTED AND THE OUTSIDE OF SUCH WALLS SHALL BE PLASTERED WITH MORTAR.

PLACE FABRIC AT JOINTS OF PRECAST STRUCTURES



DESIGN AND CONSTRUCTION STANDARDS

CATCH BASIN BRICK
(21" - 48" PIPE) MAX. DEPTH 6'

08/01/03	REV. FOR INTERNET 2003	DR. BY: RNW	DATE: 10-29-01
DATE	REVISIONS	CHK. BY:	DATE:
		APP. BY:	DATE:

CB-2A

05

FILE G:\... \ACADFILES\PFM\DRAINAGE\05) CB-2A