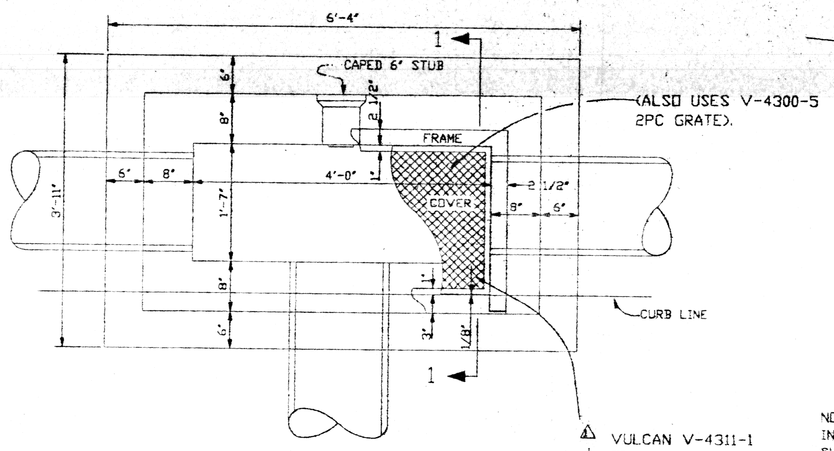
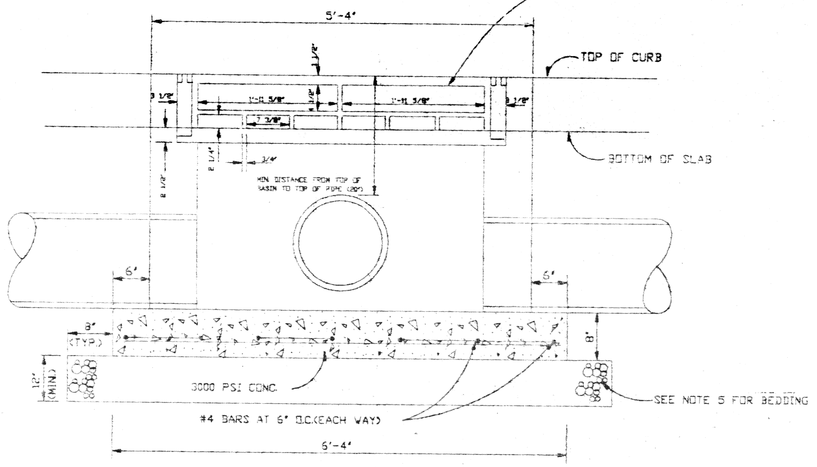
NOTE: ALL GREY IRON CASTINGS FOR MANHOLES AND CATCH-BASINS OF ALL TYPES SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-48, CLASS 30 AND SHALL BE FURNISHED WITHOUT PAINT. (M306-891)

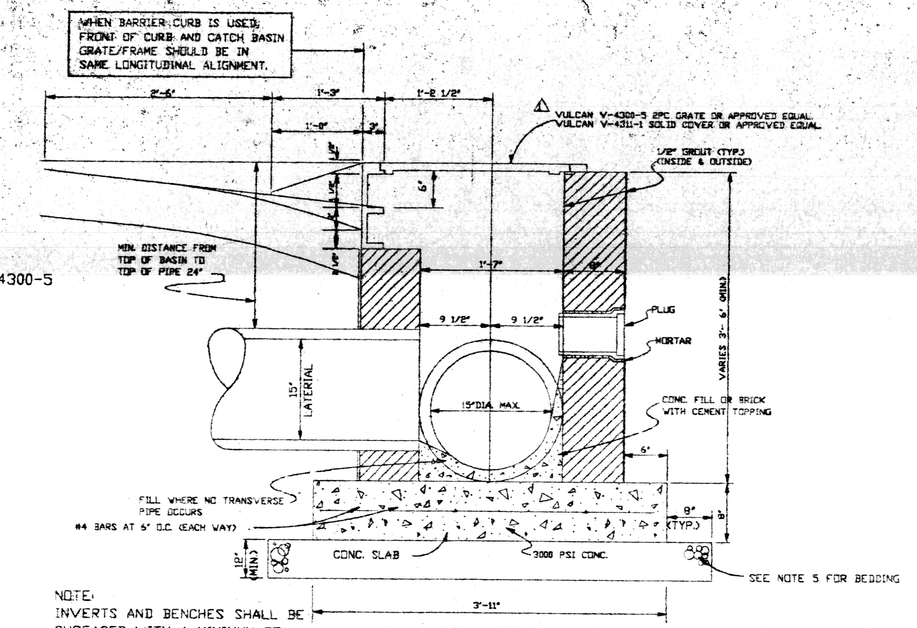


PLAN OF TYPE 1 CATCH BASIN



FRONT ELEVATION TYPE 1 CATCH BASIN

WHEN BARRIER CURB IS USED, FRONT OF CURB AND CATCH BASIN GRATE/FRAME SHOULD BE IN SAME LONGITUDINAL ALIGNMENT.



NOTE:
INVERTS AND BENCHES SHALL BE SURFACED WITH A MINIMUN OF 1/2" LAYER OF CEMENT MORTAR.

TYPE 1 CATCH BASIN SECTION 1

NOTES

1-CONCRETE STRENGHT TO BE 3'000 PSI (MIN.) AT 28 DAYS.

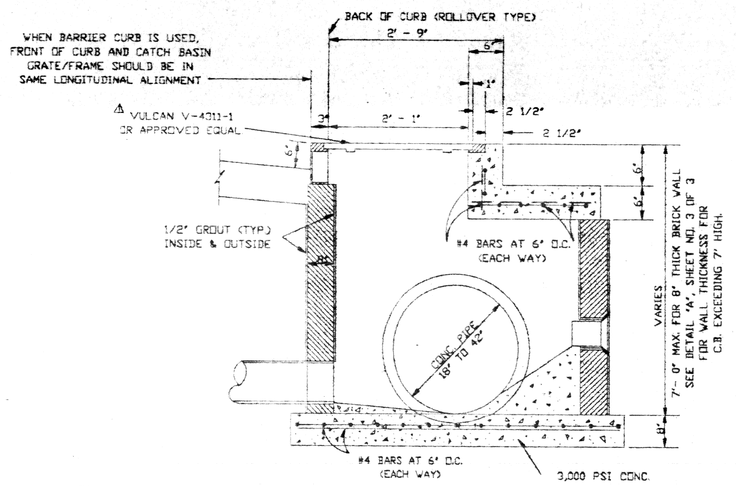
2-WHEN BOX IS 7'-0" OR LESS IN HEIGHT, USE ONE LAYER OF BRICK. WHEN BOX'S HEIGHT IS GREATER THAN 7'-0" BUT LESS THAN 12'-0" USE TWO LAYERS OF BRICK.

3-ALL MASONRY TO BE LAID WITH RUNNING BOND AND HEADER COURSE (EVERY FOURTH LAYER).

4-ALL WALLS TO BE PLASTERED 1/2" THICK INSEDE AND OUTSIDE.

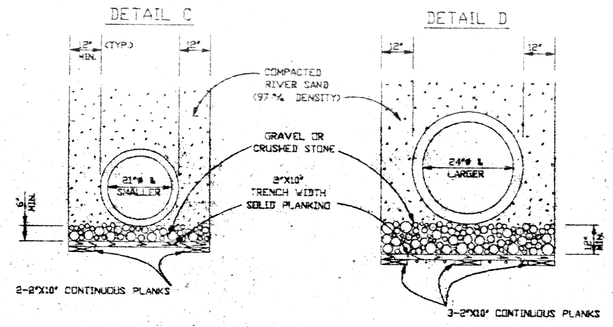
5-12" THICK CRUSH STONE BEDDING FOUNDATION SHALL BE REQUIRED UNDER ALL MANHOLES AND CATCH BASINS.

6-ALL CATCH BASINS AND MANHOLES GREATER THAN 4'- 0" DEEP ARE REQUIRED TO HAVE IRON STEPS.

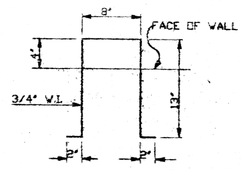


OFFSET CATCH BASIN TYPE NO. 5

DRAIN LINE BEDDING DETAILS FOR POOR SOIL CONDITIONS



ALL DRAIN LINES



STEPS

DETAIL "B"

HONDA DEALERSHIP
LAKESHORE ESATES
ST. TAMMANY PARISH, LA.

DRAINAGE DETAILS

KREBS, LaSALLE, LeMIEUX, CONSULTANTS, INC.
ENGINEERING • PLANNING • SURVEYING • HYDROLOGY • ENVIRONMENTAL
3013 27TH STREET METAIRIE, LA. 70002 (504)837-9470
2107 N.CAUSEWAY BLVD. SUITE F; MANDEVILLE, LA. 70448 (504)624-5125

NO.	DESCRIPTION	DATE
	REVISIONS	

DATE: OCTOBER [ ] 2002 SCALE: 1" = 30' DRAWING NO. 10 OF 14
DESIGNED BY: DRAWN BY: CHECKED BY: CHECKED BY: APPROVED BY: