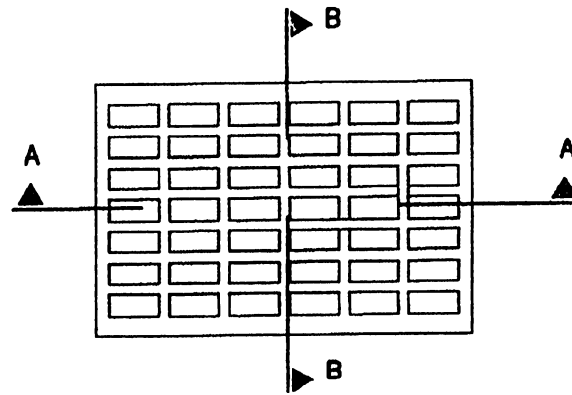
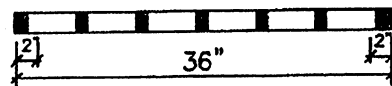


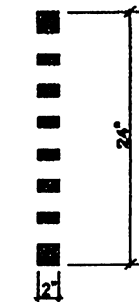
TOP VIEW



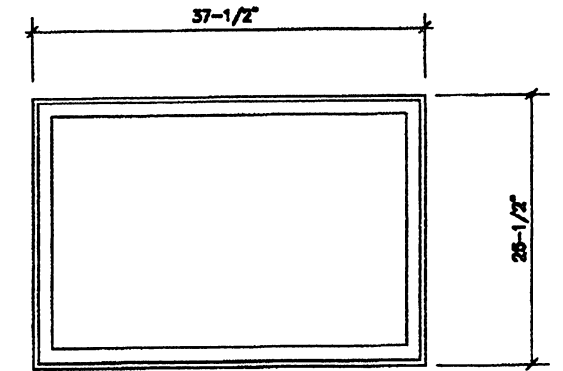
GRATE



SECTION A-A



SECTION B-B



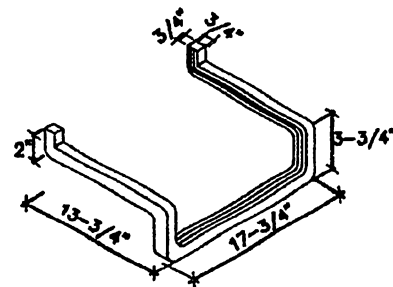
FRAME

LEGEND:

e = % SUPERELEVATION

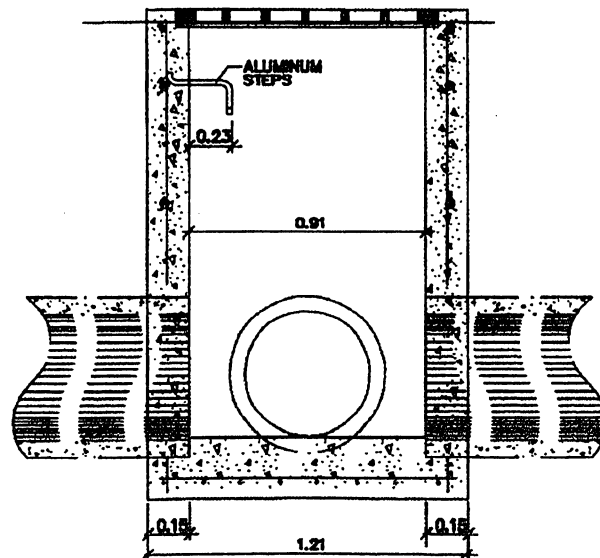
NOTES:

- 1- PORTLAND CEMENT CONCRETE SHALL BE CLASS A.
- 2- REINFORCING STEEL SHALL BE GRADE 60, AASHTO M-31 OR M-31M.
- 3- NO ALUMINUM STEPS WILL BE REQUIRED WHERE DEPTH IS 1.00 OR LESS. INSTALL ONE STEP .40 ABOVE FLOOR WHEN DEPTH IS MORE THAN 1.00 BUT LESS THAN 1.50. WHERE DEPTH IS MORE THAN 1.50, STEPS SHALL BE EVENLY SPACED AT .30 INTERVALS FROM .40 ABOVE FLOOR TO WITHIN .60 OF THE TOP OF THE BOX. PLACE STEPS IN WALL WITHOUT PIPE AND ADJACENT TO FRAME OPENING.
- 4- ALL GRAY CAST IRON PRODUCTS USED IN THE "DR" SERIES OF THE STANDARD DRAWINGS MUST BE FROM APPROVED MANUFACTURERS AND THE APPROVED PRODUCTS IDENTIFIED BY PRODUCT NUMBER OR CATALOG NUMBER LISTED IN THE APPROVED LIST OF MANUFACTURERS AND PRODUCTS CONTAINED IN THE FIRST PAGE OF THE "DR" SERIES.

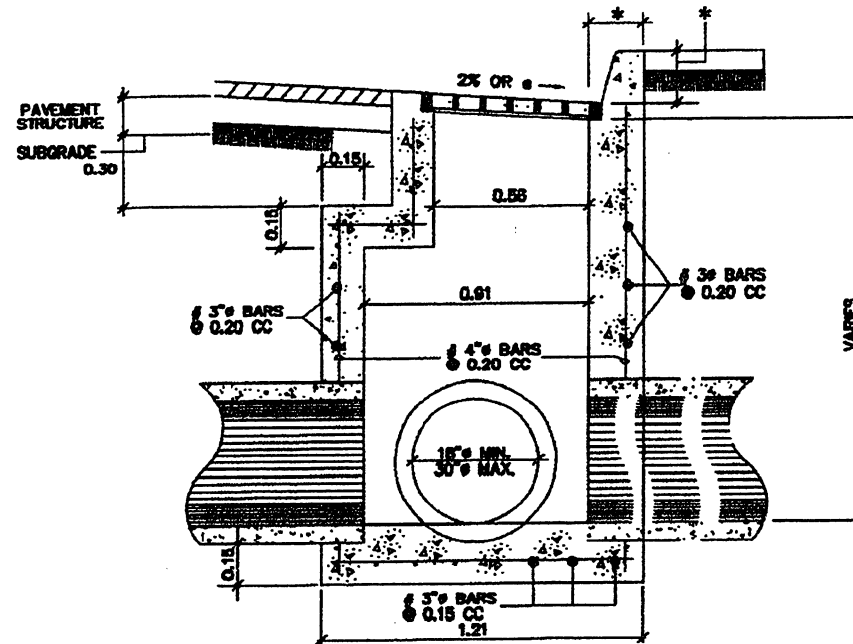


ALUMINUM STEP DETAIL

* THESE DIMENSIONS SHALL COMPLY WITH THE TYPE OF CURB, CURB AND GUTTER OR BARRIER AS SPECIFIED IN THE PROJECT.



SECTION I-I



SECTION J-J

EFFECTIVE DATE: DECEMBER 1998

COMMONWEALTH OF PUERTO RICO
DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY AND TRANSPORTATION AUTHORITY

DRAINAGE
INLET TYPE 4
FROM 18" TO 30"

RECOMMENDED BY:
DESIGN AREA DIRECTOR
DATE: 12-7-98
APPROVED BY:
EXECUTIVE DIRECTOR
DATE: 12-7-98
APPROVED BY:
DR. ADM. FHWA-PR DIVISION
DATE: 12-7-98

DATE	REVISION	BY	STD. DWG.	DR
05-05-1998	GRATE DIMENSIONS	LV.		
12-1998	DELETE NOTES, ADD NOTE 4	LV.		
			DR	14 OF 40