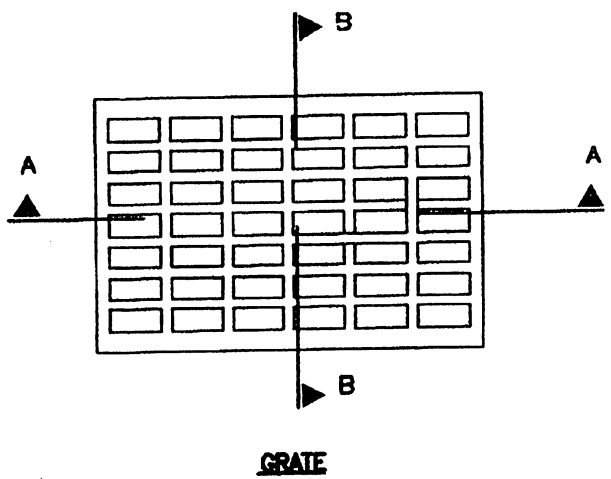
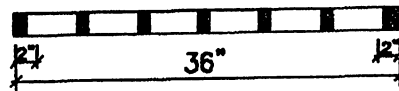


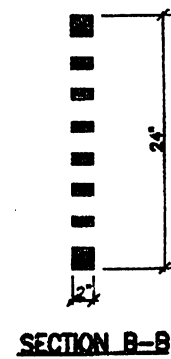
TOP VIEW



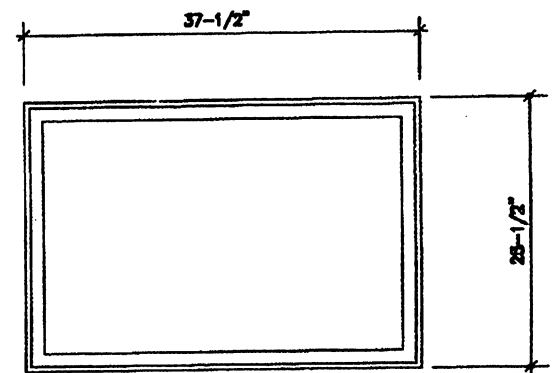
GRATE



SECTION A-A



SECTION B-B



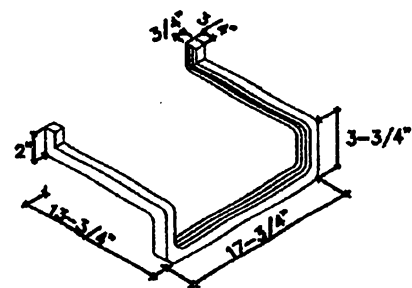
FRAME

LEGEND:

e = % SUPERELEVATION

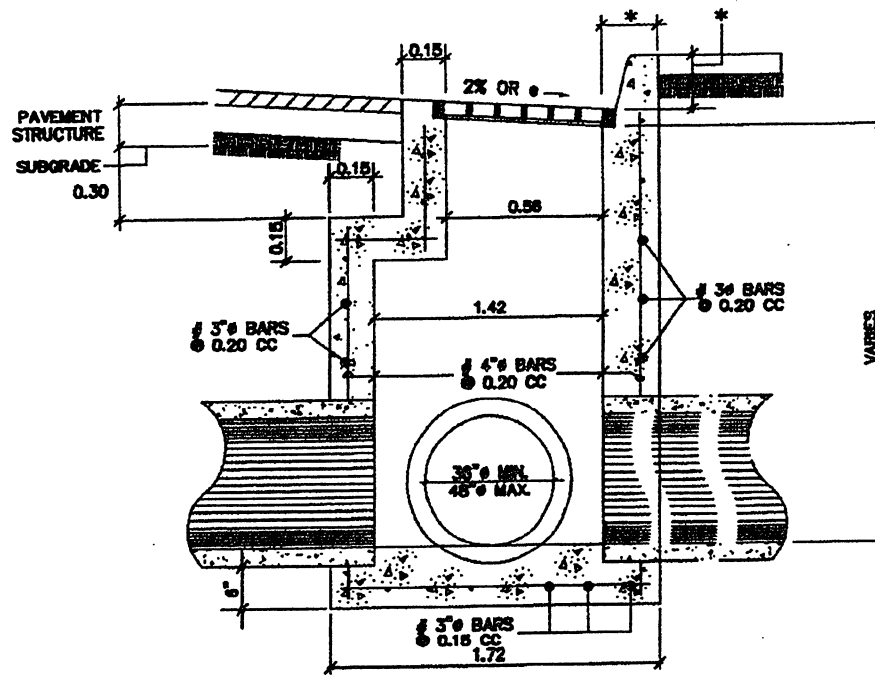
NOTES:

- 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.

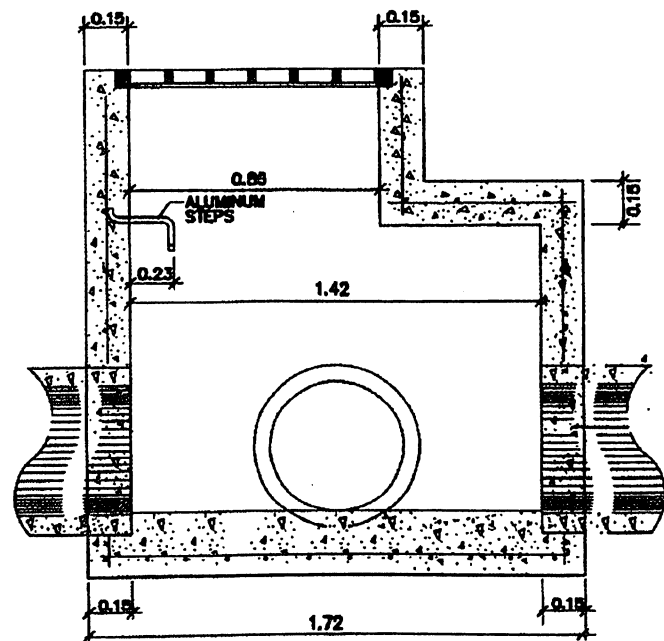


ALUMINUM STEP DETAIL

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



SECTION I-I



SECTION I-I

EFFECTIVE DATE: DECEMBER 1998

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY AND TRANSPORTATION AUTHORITY		
RECOMMENDED BY: <i>[Signature]</i> DESIGN AREA DIRECTOR DATE: 12-7-98		<p>DRAINAGE INLET TYPE 4A FROM 36" TO 48"</p> <p>APPROVED BY: <i>[Signature]</i> EXECUTIVE DIRECTOR DATE: 12-7-98</p> <p>APPROVED BY: <i>[Signature]</i> DIV. ADM. FHMA-PB DIVISION DATE: 12-7-98</p>
DATE		
REVISION		
BY		
05-05-1996	GRATE DIMENSIONS	L.V.
12-1998	DELETE NOTES, ADD NOTE 4	L.V.
STD. DWG.	DR	15 OF 40