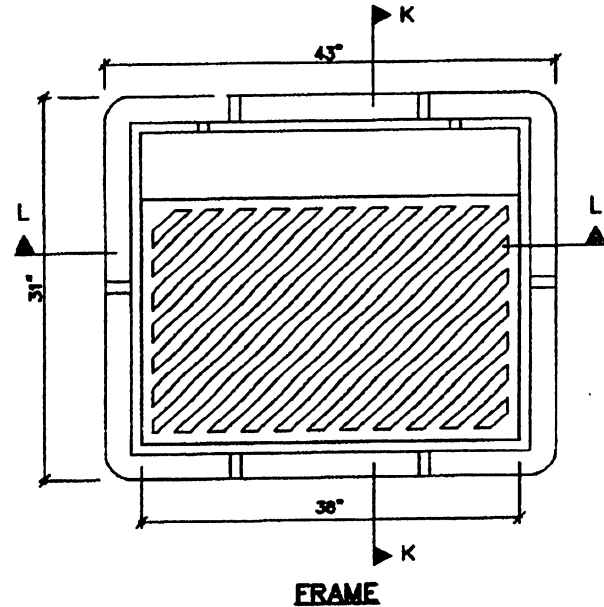
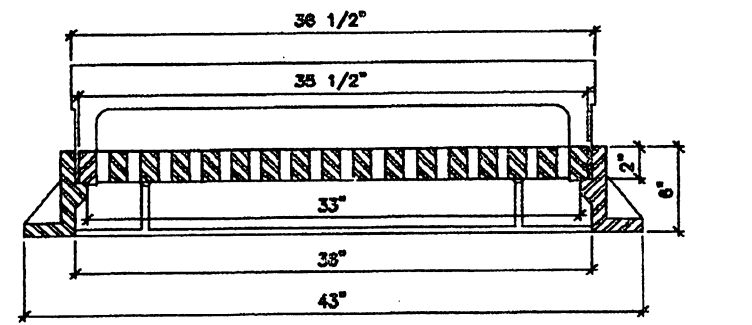


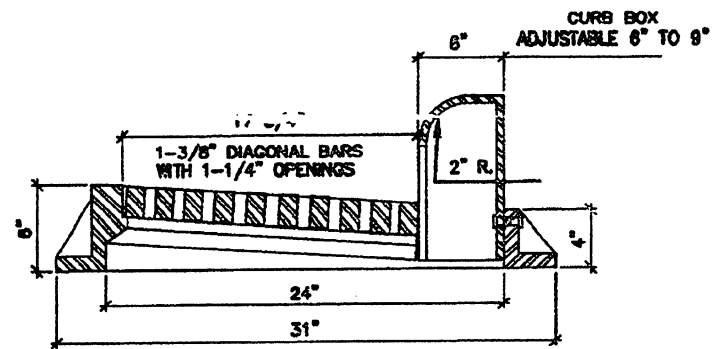
TOP VIEW



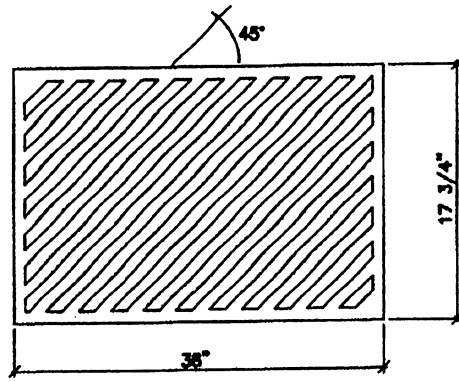
FRAME



SECTION L-L



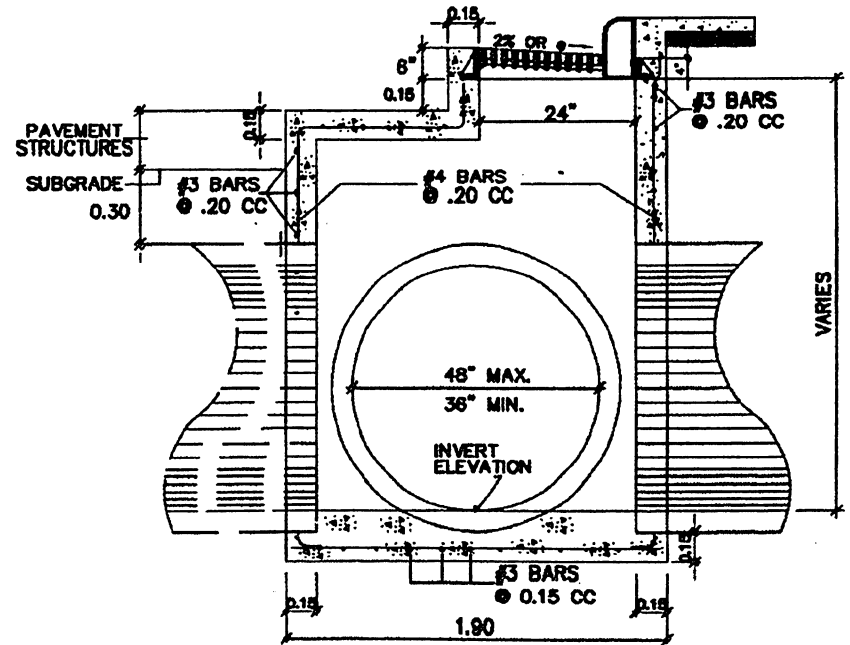
SECTION K-K



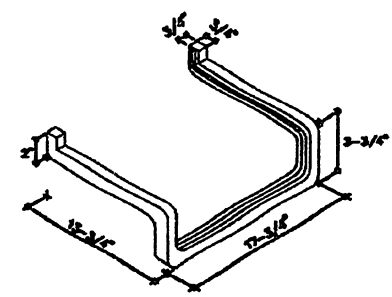
BICYCLE GRATE

LEGEND:

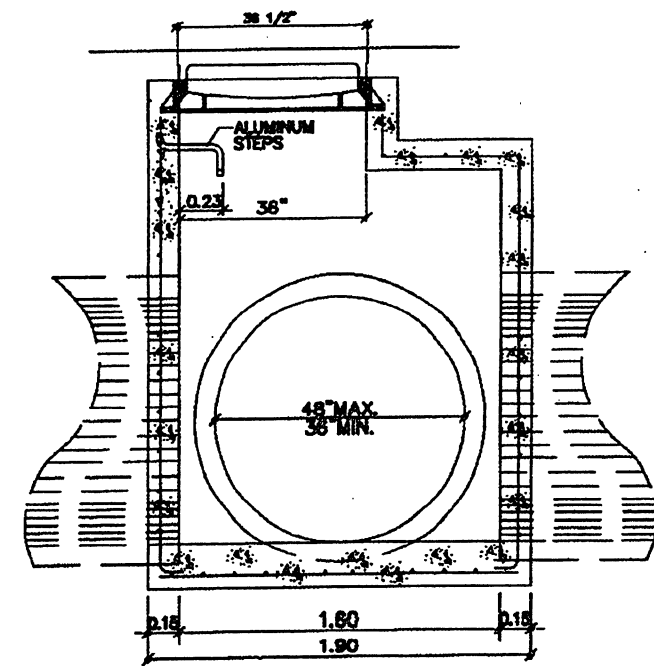
e = x SUPERELEVATION



SECTION J-J



ALUMINUM STEP DETAIL



SECTION I-I

NOTES:

- 1- PORTLAND CEMENT CONCRETE SHALL BE CLASS A.
- 2- USE THE BICYCLE GRATE EXCEPT WHEN OTHERWISE INDICATE ON THE PLANS
- 3- THE CONTRACTOR IS RESPONSIBLE TO TRANSITION ADJACENT CURBS, CURBS AND GUTTERS AND CONCRETE BARRIERS TO CONFORM WITH THE SHAPE OF THE METAL CURB AS A SUBSIDIARY OBLIGATION.
- 4- REINFORCING STEEL SHALL BE GRADE 60, AASHTO M-31 OR M-31M.
- 5- 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.
- 6- 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.

EFFECTIVE DATE: DECEMBER 1998

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY AND TRANSPORTATION AUTHORITY		
RECOMMENDED BY: DESIGN AREA DIRECTOR DATE: 12-7-98		APPROVED BY: EXECUTIVE DIRECTOR DATE: 12-7-98
APPROVED BY: DATE: 12-7-98		
DRAINAGE INLET TYPE 1A FROM 36" TO 48" BICYCLE GRATE		
DATE	REVISION	BY
05-05-1998	BICYCLE GRATE DIMENSIONS	LV.
12-1998	DELETE NOTES, ADD NOTE 6	LV.
STD. DWG.	DR	9 OF 40