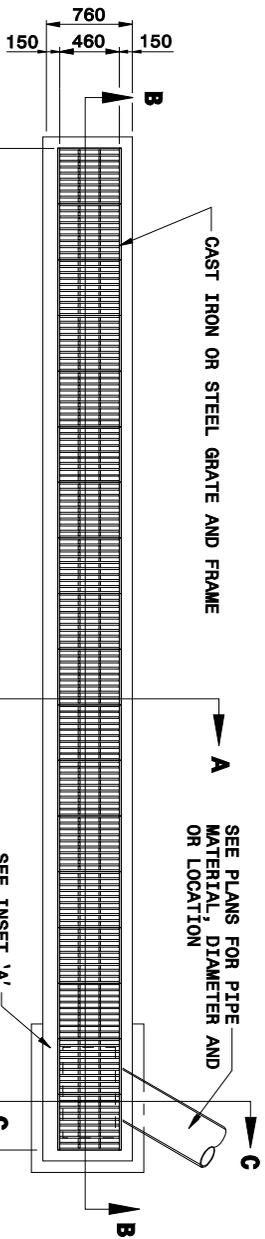


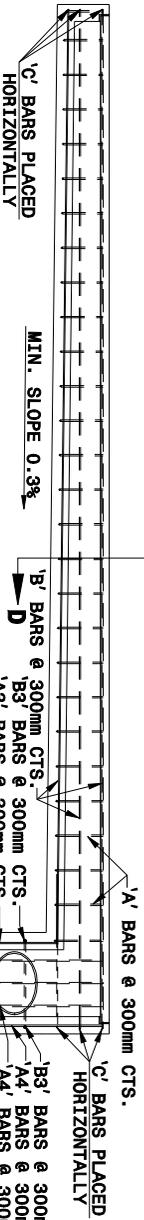
7-06

METRIC STANDARD DRAWING FOR  
DRIVEWAY DROP INLET



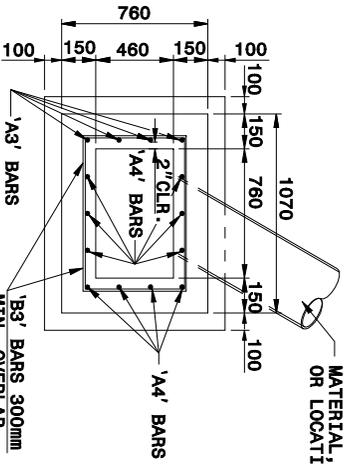
VARIABLE LENGTH GRATE WITH FRAME  
\*SEE GENERAL NOTES

PLAN VIEW

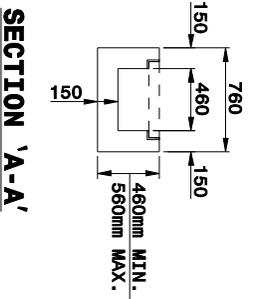


SECTION 'B-B'

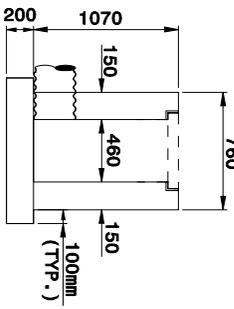
SEE PLANS FOR PIPE MATERIAL, DIAMETER AND OR LOCATION



INSET 'A'

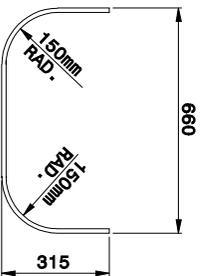


SECTION 'A-A'

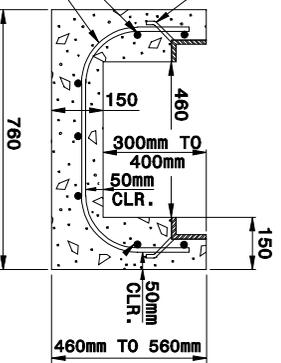


SECTION 'C-C'

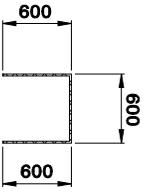
PROVIDE FRAME ANCHORS AT A MAXIMUM OF 600mm CENTERS WITH A MINIMUM OF 4 ANCHORS PER FRAME.



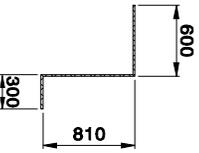
SECTION 'D-D'



SECTION 'A-A'



B3



A4

Note:  
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

GENERAL NOTES:

ALL MASONRY COMPONENTS OF THIS DRAINAGE DEVICE (EXCLUDING PIPE) ARE TO BE CONSTRUCTED WITH CLASS 'B' CONCRETE AND PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR MASONRY DRAINAGE STRUCTURES.

\* PAY FOR THE GRATE AND FRAME FOR THE DRIVEWAY DROP INLET AT THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR GRATE WITH FRAME, DRIVEWAY DROP INLET. FABRICATE THE GRATE SECTION(S) TO FIT THE OPENING INDICATED IN THE PLANS.

THE CONTRACTOR MAY, AT HIS OPTION, SHORTEN LENGTHS FOR BARS 'B' AND LAP THEM TO OBTAIN THE PROPER LENGTH OF BARS. DO NOT OVERLAP BARS LESS THAN 460mm LONG. INCLUDE THE COST OF ALL REINFORCING STEEL IN THE CONTRACT UNIT PRICE PER EACH FOR MASONRY DRAINAGE STRUCTURES.

DESIGN THE GRATES TO MEET HS-20 LOADING.

PROVIDE GRATES WITH A MINIMUM CLEAR WATERWAY OPENING OF 106,000mm<sup>2</sup> PER 1.0m LENGTH OF GRATE.

ADDITIONAL PER LINEAR FOOT QUANTITIES MAY BE USED TO ADJUST QUANTITIES FOR LENGTH INCREASE OR DECREASE AS INDICATED BY THE PLANS (SEE CHART BELOW).

BILL OF MATERIAL

QUANTITIES BASED ON 9.0m GRATE LENGTH

BAR NO.	SIZE	LENGTH	WEIGHT
A	28	16	1195
A3	4	16	1910
A4	10	16	1520
A5	4	16	1260
B	7	16	9000
B3	6	16	1800
B4	5	16	860
C	6	16	600

REINF. STEEL KGS. 223.5

CLASS 'B' CONC. CU. M. 2.50

ADDITIONAL CONCRETE PER METER IN CU. M. OVER 1.07m 0.56

PER LINEAR METER QUANTITY ADJUSTMENTS FOR DRAINAGE STRUCTURES DEVIATING FROM THE 9.0m GRATE LENGTH

CLASS	'B' CONC. CU. M.	REINF. STEEL KGS.
A	3	16
B	7	16
CLASS 'B' CONC. CU. M.	1195	5.6
	1000	10.9
	0.23	

METRIC STANDARD DRAWING FOR  
DRIVEWAY DROP INLET

7-06