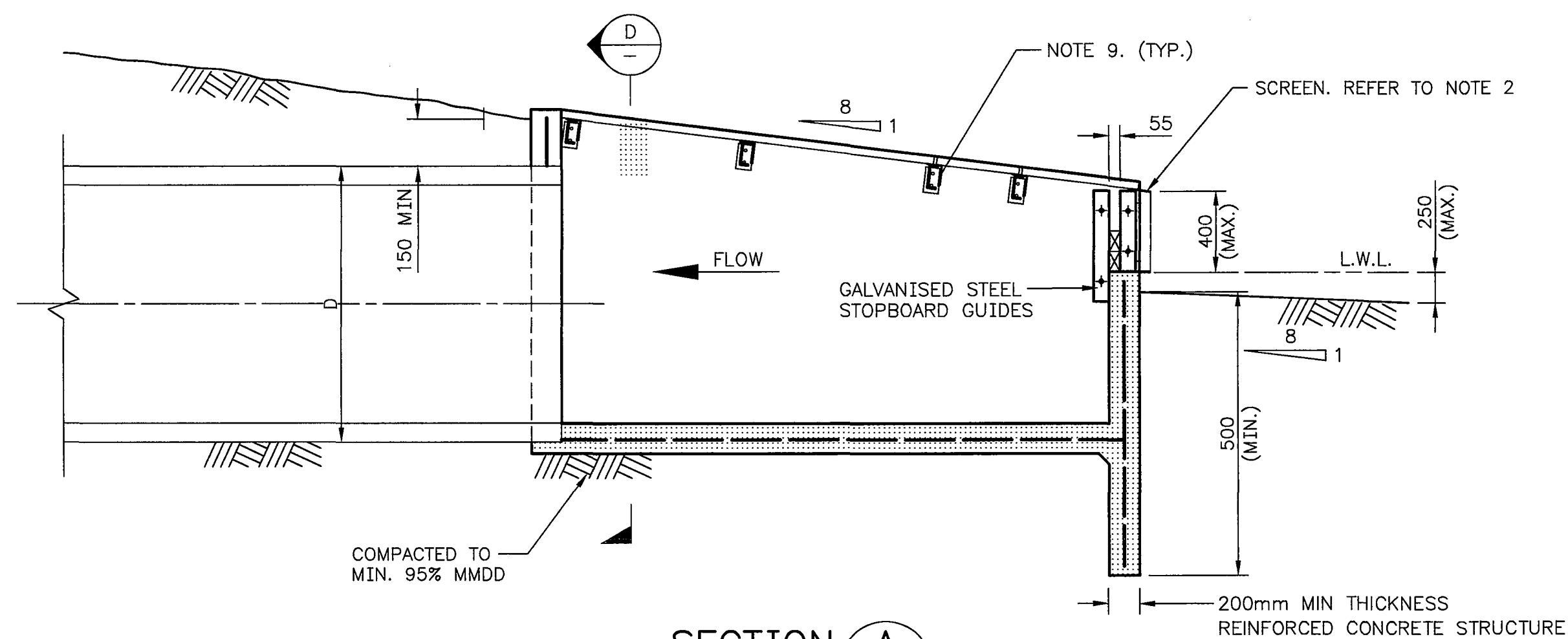
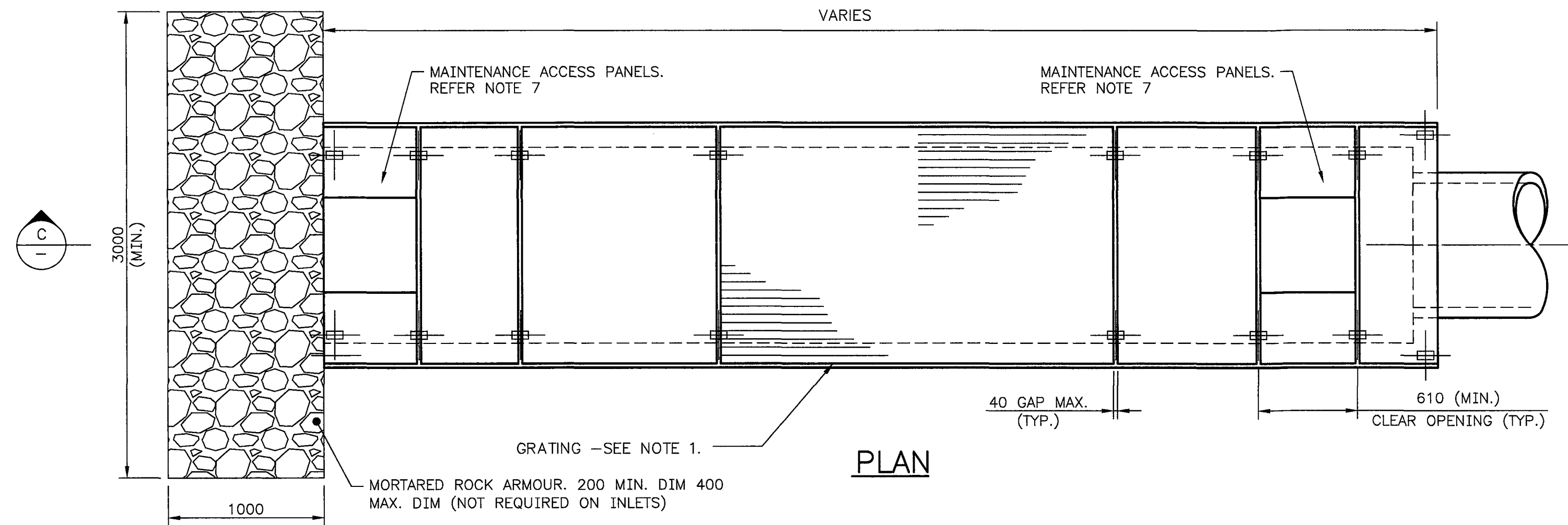


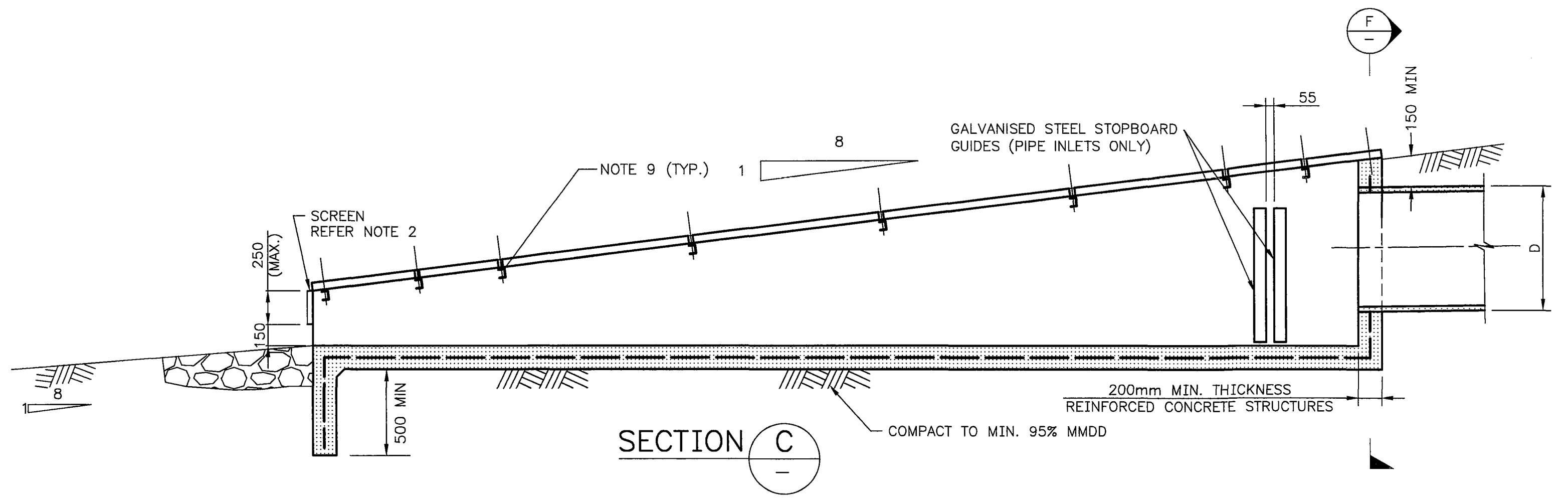
PLAN
WEIR CONTROLLED PIPE INLET STRUCTURE



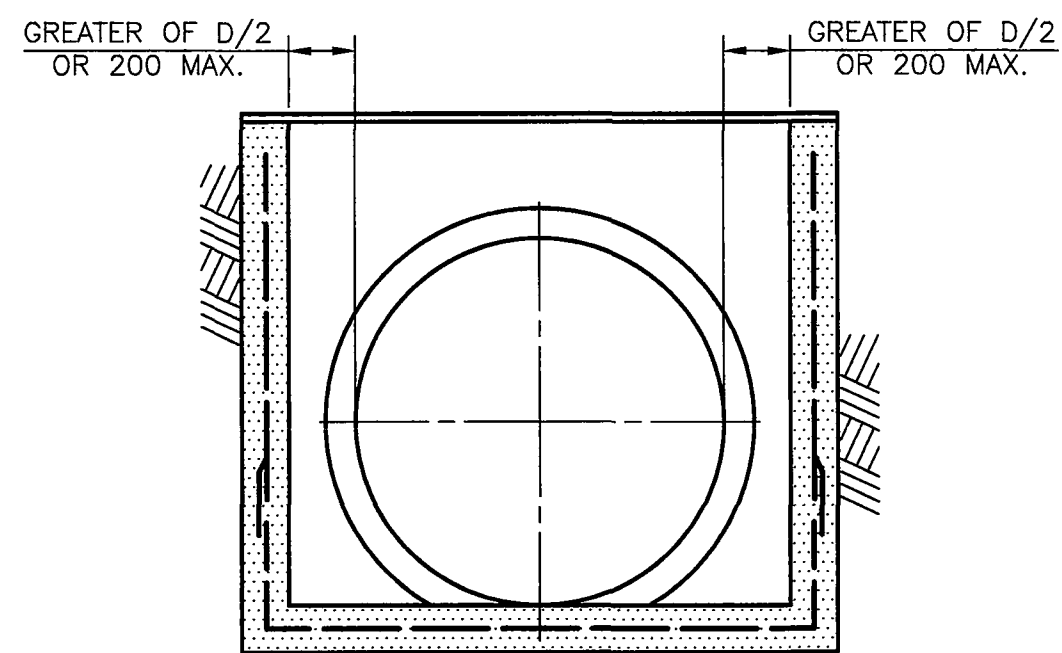
SECTION A
PIPE INLET STRUCTURE-WEIR CONTROLLED



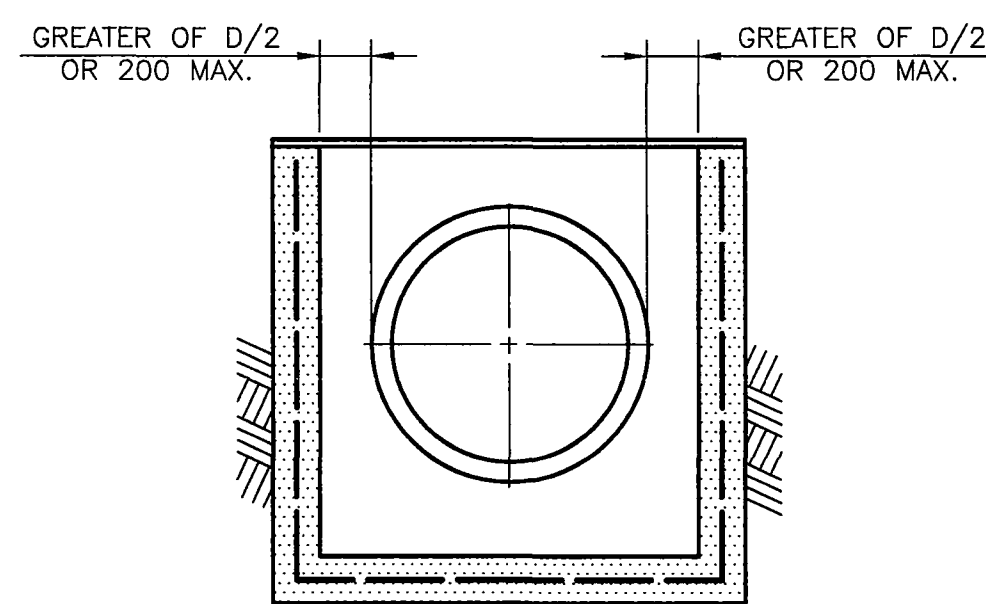
PLAN



SECTION C
PIPE CONTROLLED INLET AND OUTLET STRUCTURES



SECTION D



SECTION F

NOTES

1. GRATING:- STRUCTURALLY DESIGNED USING 10mm THICK MS BARS AT 50 C/C, PLACED IN THE DIRECTION OF FLOW, WITH SUPPORT BEAMS AS REQUIRED. PANELS TO BE Banded WITH 6 THICK M.S. BAR.
2. ALL STEELWORK TO BE HOT DIP GALVANISED IN ACCORDANCE WITH A.S.1650. COATING MASS SHALL NOT BE LESS THAN 600g/m².
3. CONCRETE :- TO BE CLASS N32 TO AS 3600. REINFORCEMENT SPECIFIED BY DESIGNER.
4. STIFFENERS TO UNDERSIDE OF GRATING SHALL BE PROVIDED AT 1000 CENTRES MAX.
5. ADEQUATE SUPPORTS AND FASTENERS SHALL BE PROVIDED TO GRATING.
6. ACCESS PANELS MUST EXTEND FULL WIDTH OF STRUCTURE. MAX. INDIVIDUAL PANEL MASS = 20kg.
7. PANEL AND ACCESS PANEL FIXINGS TO BE RECESSED BELOW TOP OF GRATING.
8. SUPPORT MEMBERS TO BE PLACED IN SELF DRAINING POSITIONS.

THIS DRAWING SHOWS DESIGN INTENT ONLY. THE DESIGNER MUST PRODUCE A DRAWING SPECIFIC TO THE ASSET.

DESIGN LOADS (DESIGNER TO COMPLETE)	
UNIFORMLY DISTRIBUTED LOADS	kPa
POINT LOAD	kN

SCALE : DIAGRAMMATIC

ENGINEERING

RECOMMENDED
P. CHIANG (SIGNED)
SUPERVISING ENGINEER
APPROVED
E.J. MURPHY (SIGNED)
MANAGER I.D. BRANCH



METROPOLITAN DRAINAGE
URBAN MAIN DRAINAGE STANDARD - DRAWINGS
STANDARD INLET AND OUTLET STRUCTURES
FOR UNFENCED COMPENSATING BASIN'S

FILE PROJECT PLAN CAD ISSUE D

DG16-3-10

ORIGINAL
SHEET
SIZE
A1
MF 26 MAR 2021

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD
D	03/2020		MAINTENANCE PANELS ADDED. DIMENSIONS AND NOTES CHANGED	ME	AK	GP
C	06/2011		GRATING SPACING AMENDED, MIN. WIDTH OF PIPE CONTROLLED INLET ADDED.	MD	SS	PF
B	05/2002		SUPPORTS SHOWN, STEP IRONS DELETED, NOTES 5 TO 8 ADDED.	WS	SS	SS