

**DRAWINGS**



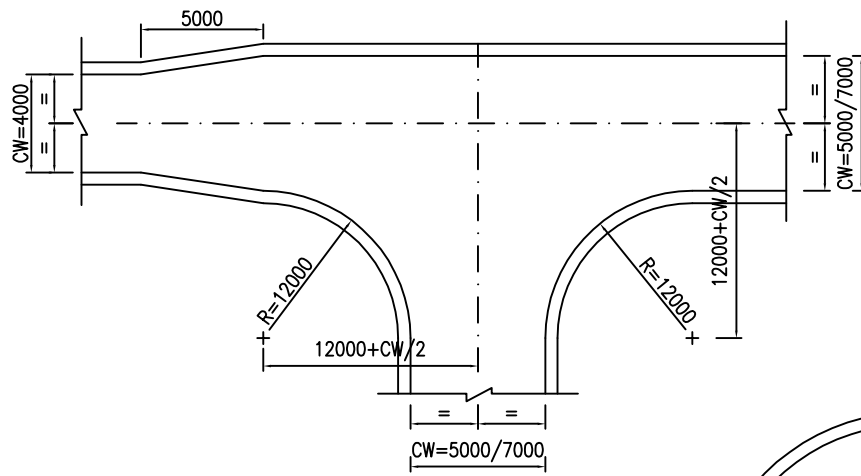
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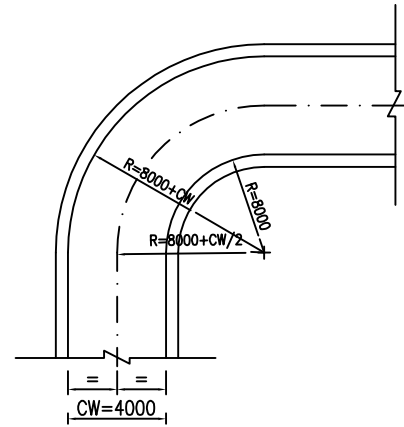
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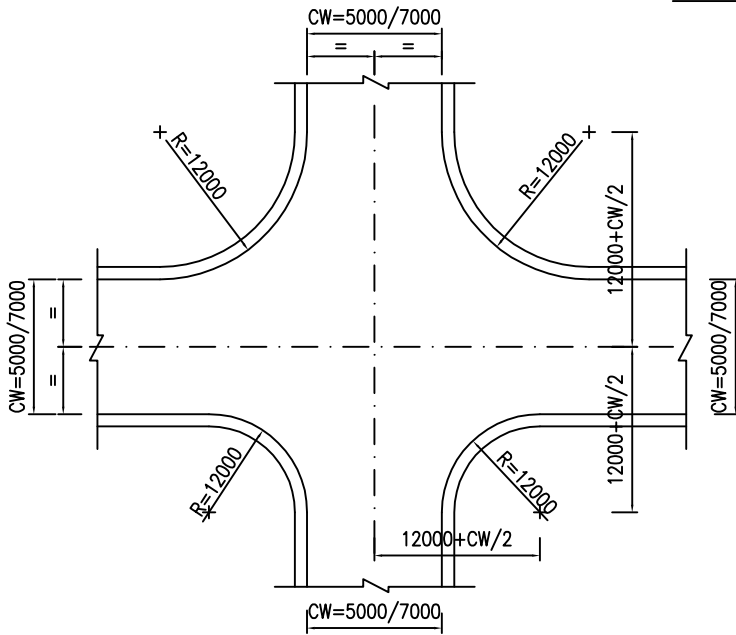
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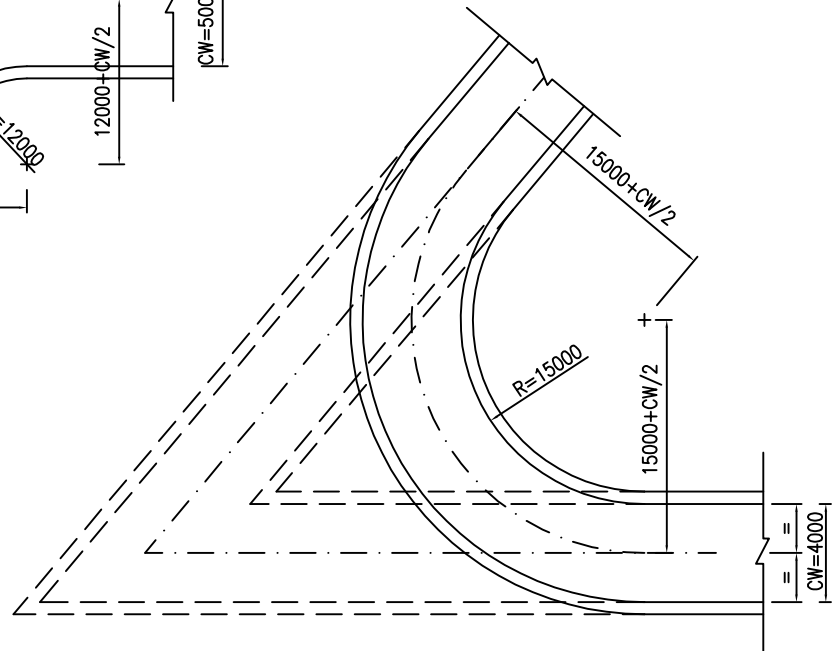
CASE - I



CASE - III



CASE - II



CASE - IV

**NOTES:-**

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. MINIMUM RADIUS OF CURVES FOR ROADS WITH CW=4.0m
3. MINIMUM RADIUS OF CURVES FOR ROADS WITH CW>4.0m SHALL BE 12m.
4. RADIUS OF CURVES FOR APPROACH ROADS TO BUILDINGS AND OTHERS AREAS MAY BE REDUCED AS PER SERVICES REQUIRMENTS.
5. FOR ROAD CURVES WITH ACUTE ANGLE TURNING. THE MINIMUM RADIUS SHALL BE 15m AND ANGLE NOT LESS THAN 50°.

6. RADIUS OF CURVES AND CROSSING WHEN DIFFERENT FROM THOSE GIVEN IN THIS STANDARD TO MEET ANY SPECIAL REQUIREMENT SHALL BE SO MARKED IN THE AREA DRAWINGS.



STANDARD  
FOR  
DETAIL OF ROAD CURVES  
AND CROSSINGS

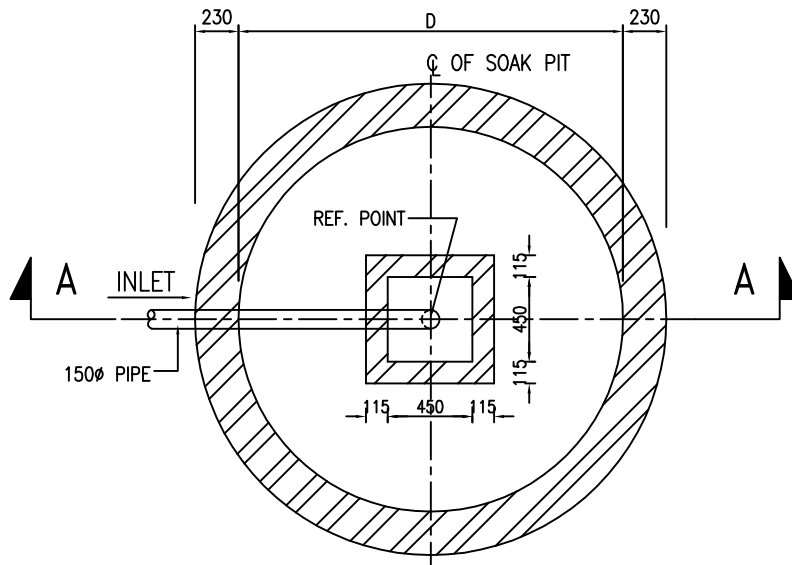
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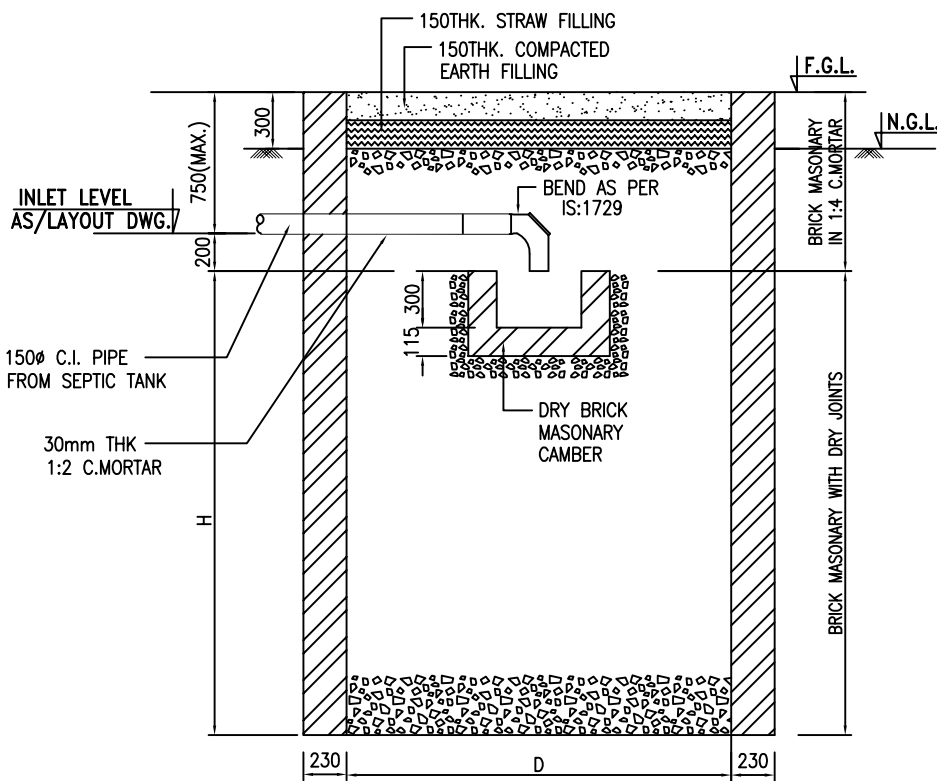
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**PLAN OF SOAK PIT**



**SECTION A-A**

**TABLE**

TYPE	NO. OF USERS	DEPTH IN METERS	DIA IN METERS	AREA OF ABSORPTION
1	10	2.5	2.5	24.53
2	25	5.0	3.25	59.35
3	50	7.0	3.6	89.30
4	100	10.0	5.0	196.25

**NOTES:-**

1. ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT LEVELS AND CO-ORDINATES WHICH ARE IN METERS.
2. THE FILLING OF BRICK BATS IN SOAKPIT SHALL BE DONE SIMULTANEOUSLY WITH CONST. OF BRICK WALLS AS WORK PROGRESS.
3. C.I. PIPE SHALL CONFORM TO IS: 3486.
4. DEPTH AND DIA CAN BE SUITABLY ADJUSTED TO GIVE THE ABSORPTIVE AREA DEPENDING UPON THE SUB SOIL WATER TABLE.
5. BOTTOM OF THE SOAKPIT SHOULD NOT BE LESS THAN 600mm ABOVE THE SUB SOIL WATER.



**STANDARD  
FOR  
DETAIL OF SOAKPIT**

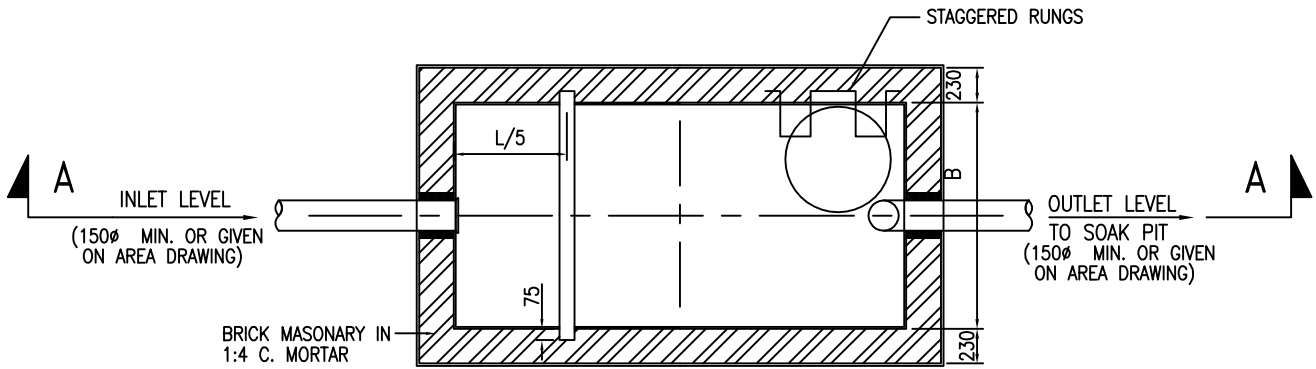
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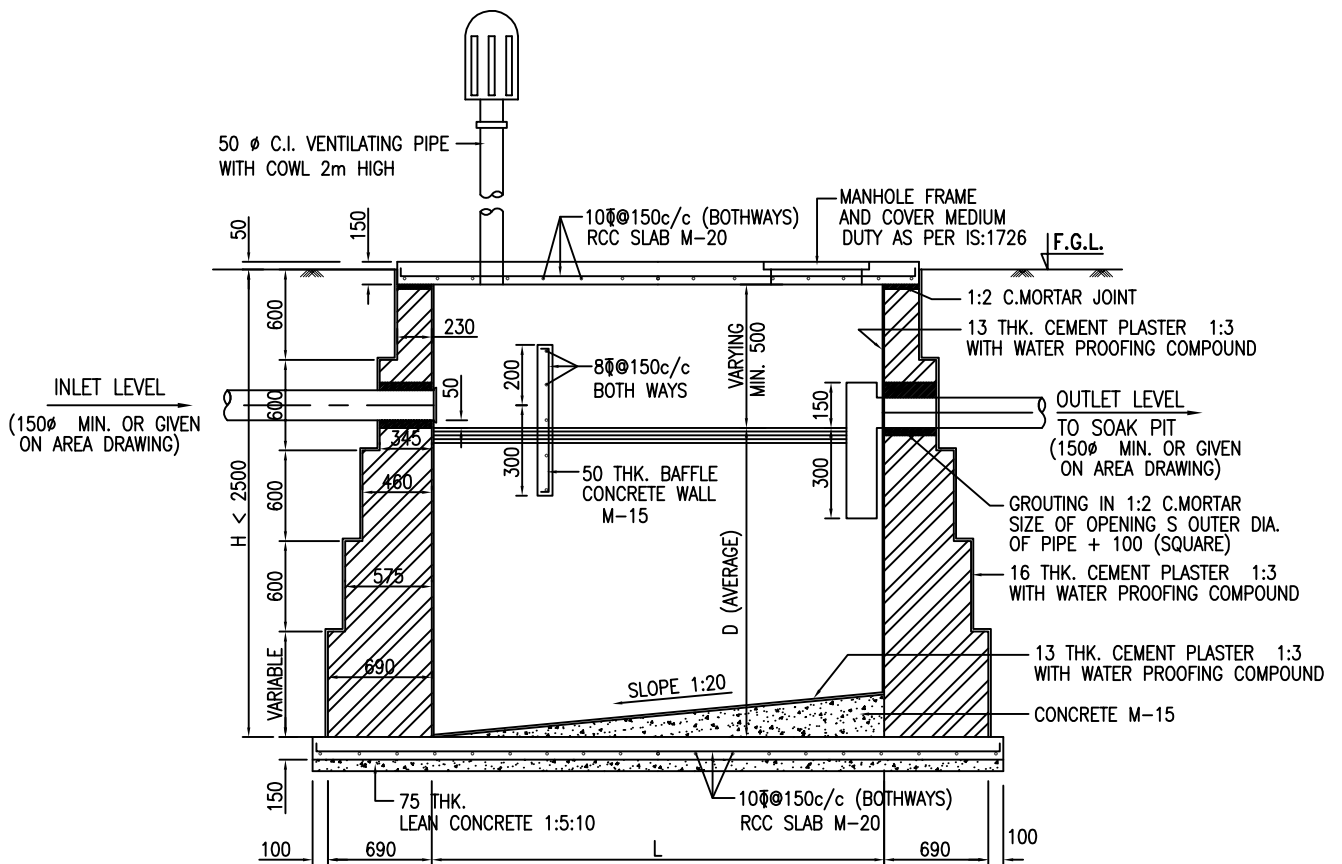
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**SHEET 1 OF 1**



PLAN OF SEPTIC TANK



SECTION A-A

RECOMMENDED DIMENSIONS OF SEPTIC TANK

TYPE	NO. OF USERS	LENGTH (L)	BREADTH (B)	LIQUID DEPTH (D)
1	10	2000	900	1000
2	20	2300	1100	1300
3	30	4000	1400	1300
4	50	4750	1700	1500

NOTES:-

1. ALL DIMENSIONS ARE IN MM. & LEVEL IN METRES.
2. FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE.
3. CLEAR COVER TO MAIN REINF. SHALL BE: (a) SLAB = 25mm
4. φ DENOTES HIGH YIELD STRENGTH DEFORMED BARS CONFORMING TO IS -1786 (LATEST)
5. DESLUDGING SHALL BE DONE PERIODICALLY EVERY YEAR PREFERABLY BY A PORTABLE NON CLDG. PUMP.



STANDARD FOR  
DETAIL OF SEPTIC TANK

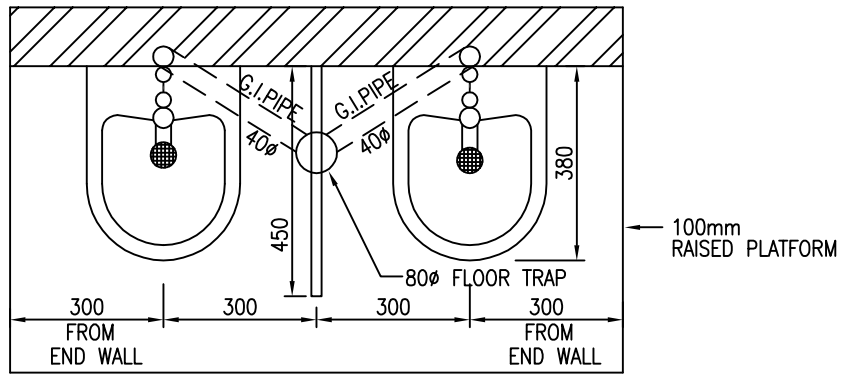
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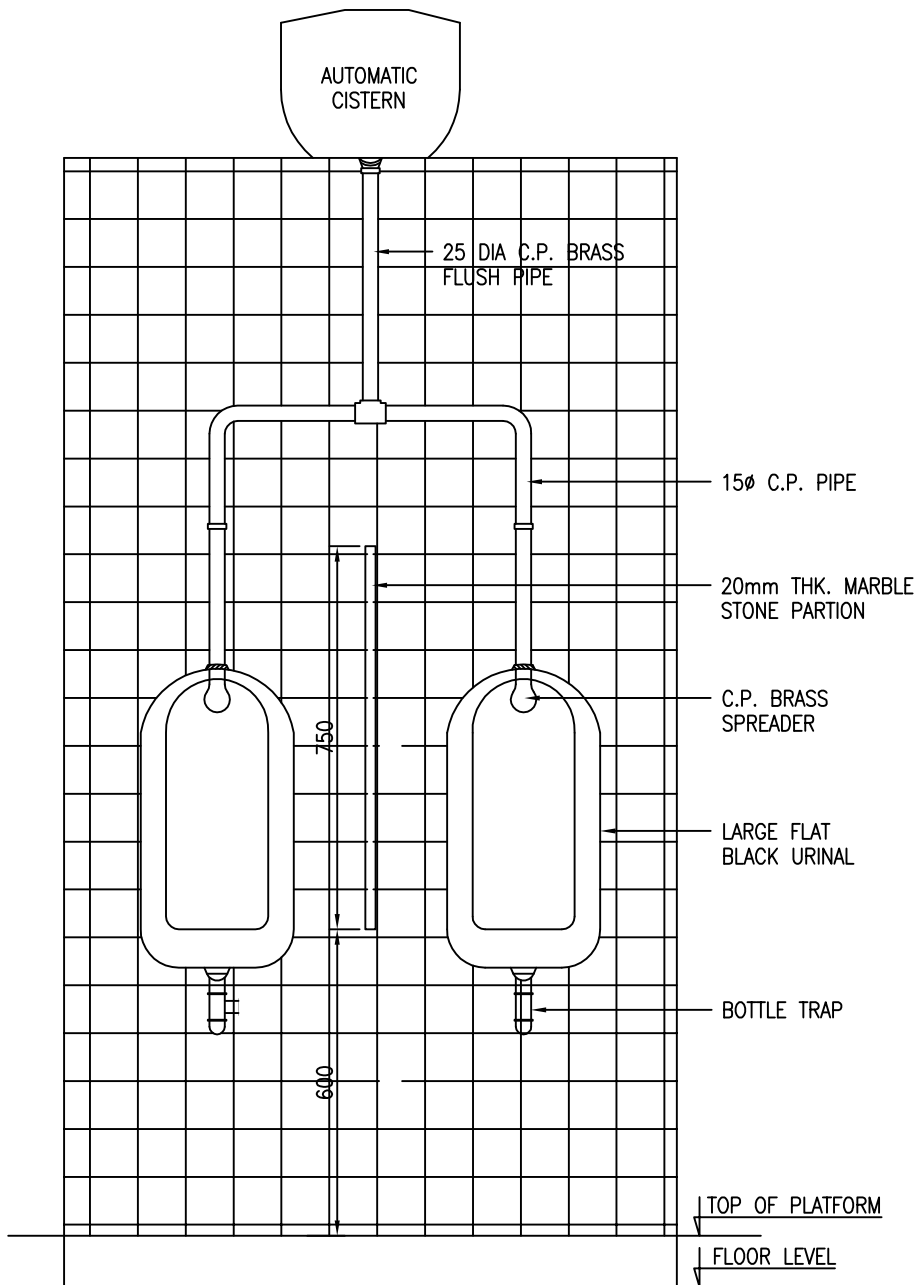
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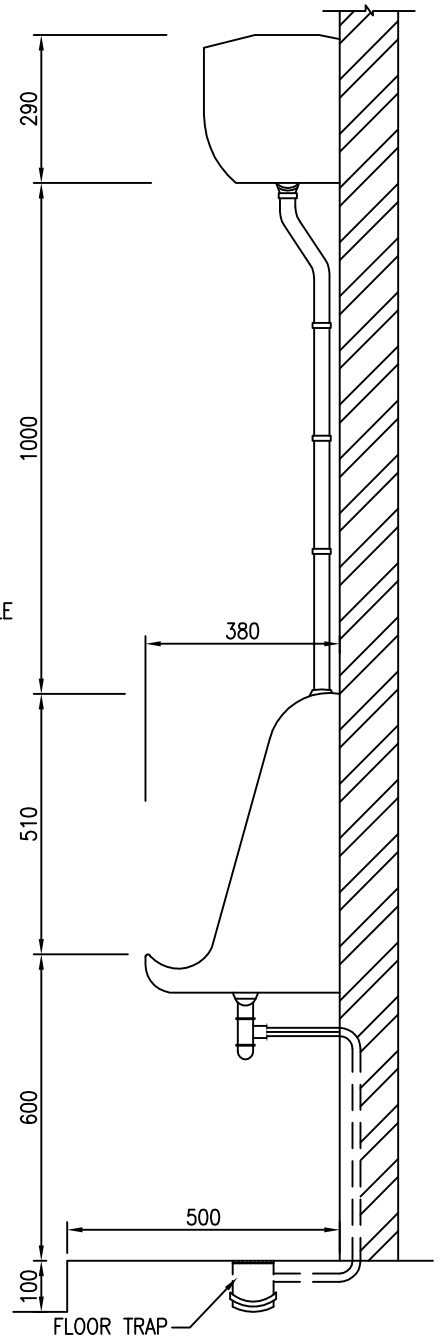
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PLAN



ELEVATION



SIDE ELEVATION



STANDARD  
FOR  
URINAL FIXING DETAIL

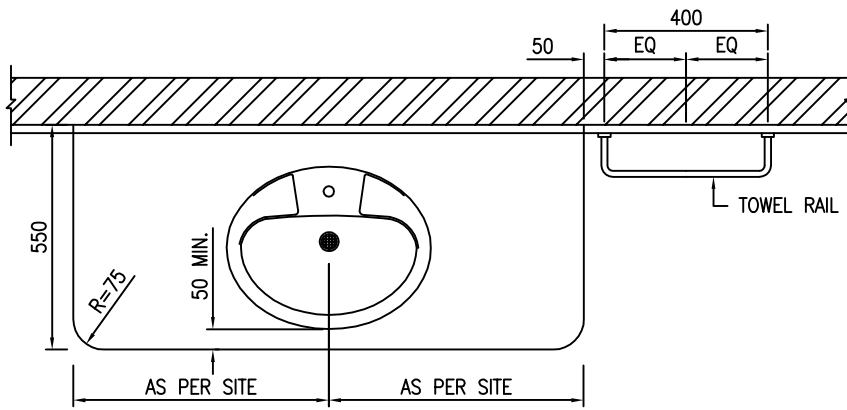
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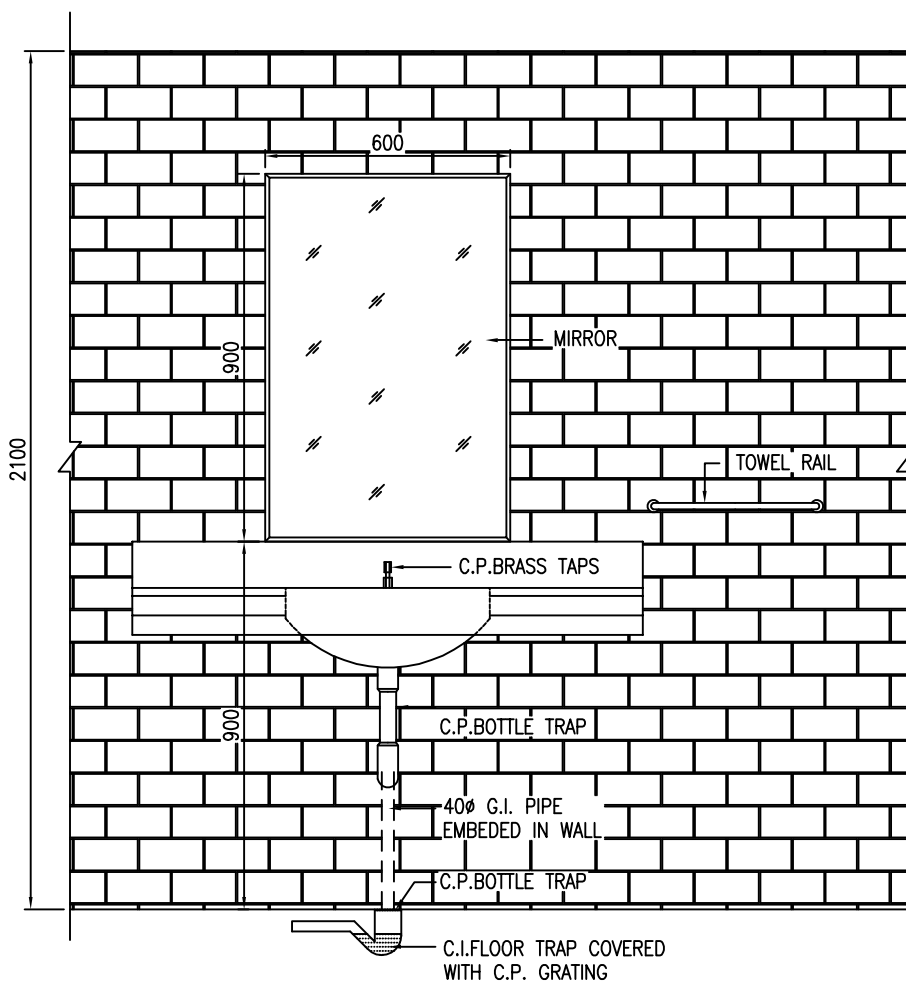
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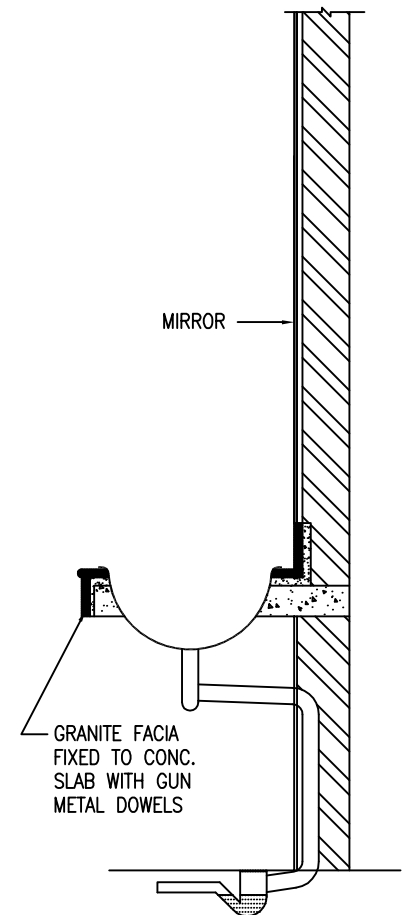
SHEET 1 OF 1



PLAN



ELEVATION



SECTION



STANDARD  
FOR  
WASH BASIN  
FIXING DETAIL

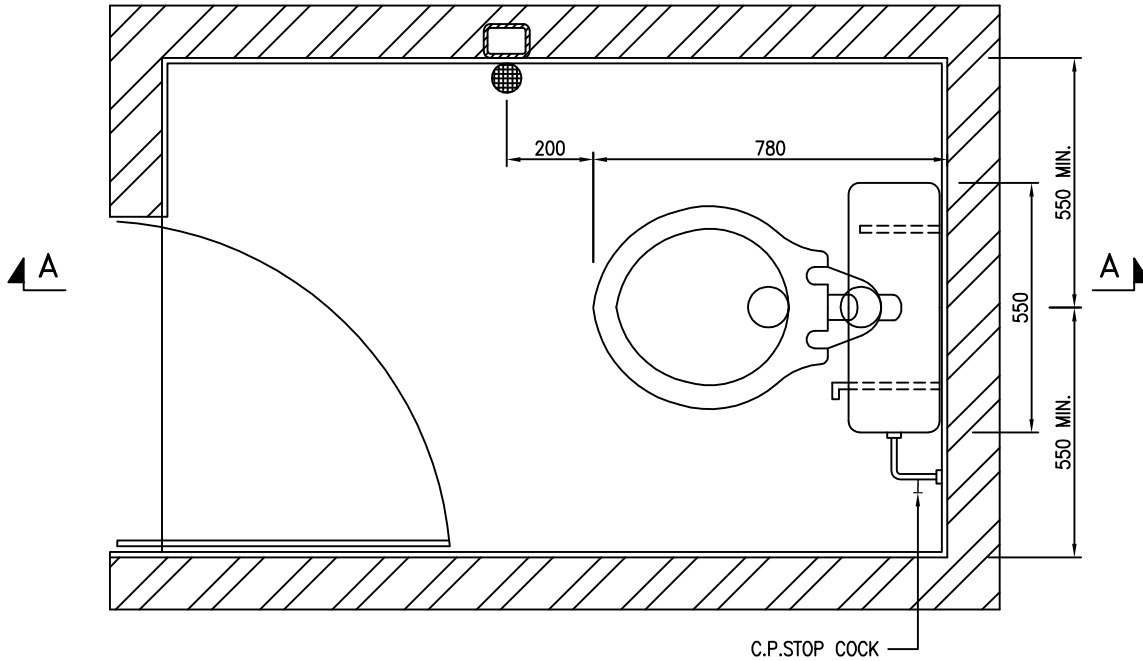
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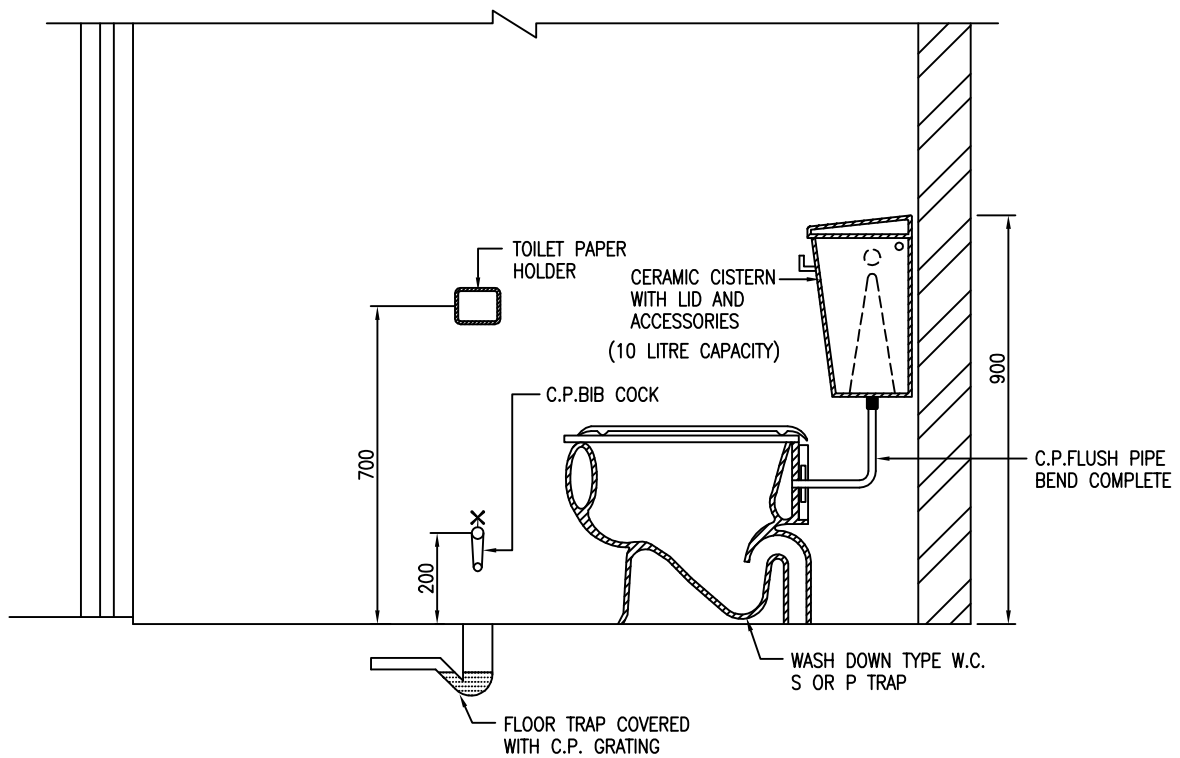
SHEET 1 OF 1

REV

A



PLAN



SECTION A-A



STANDARD  
FOR  
EUROPEAN TYPE W.C.  
FIXING DETAIL

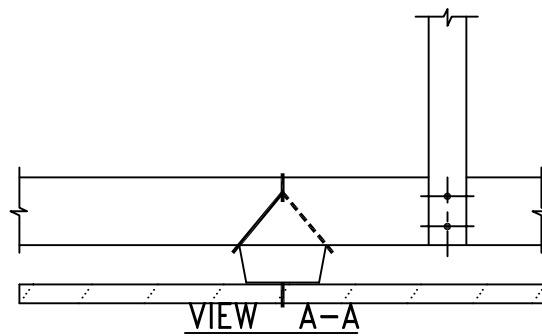
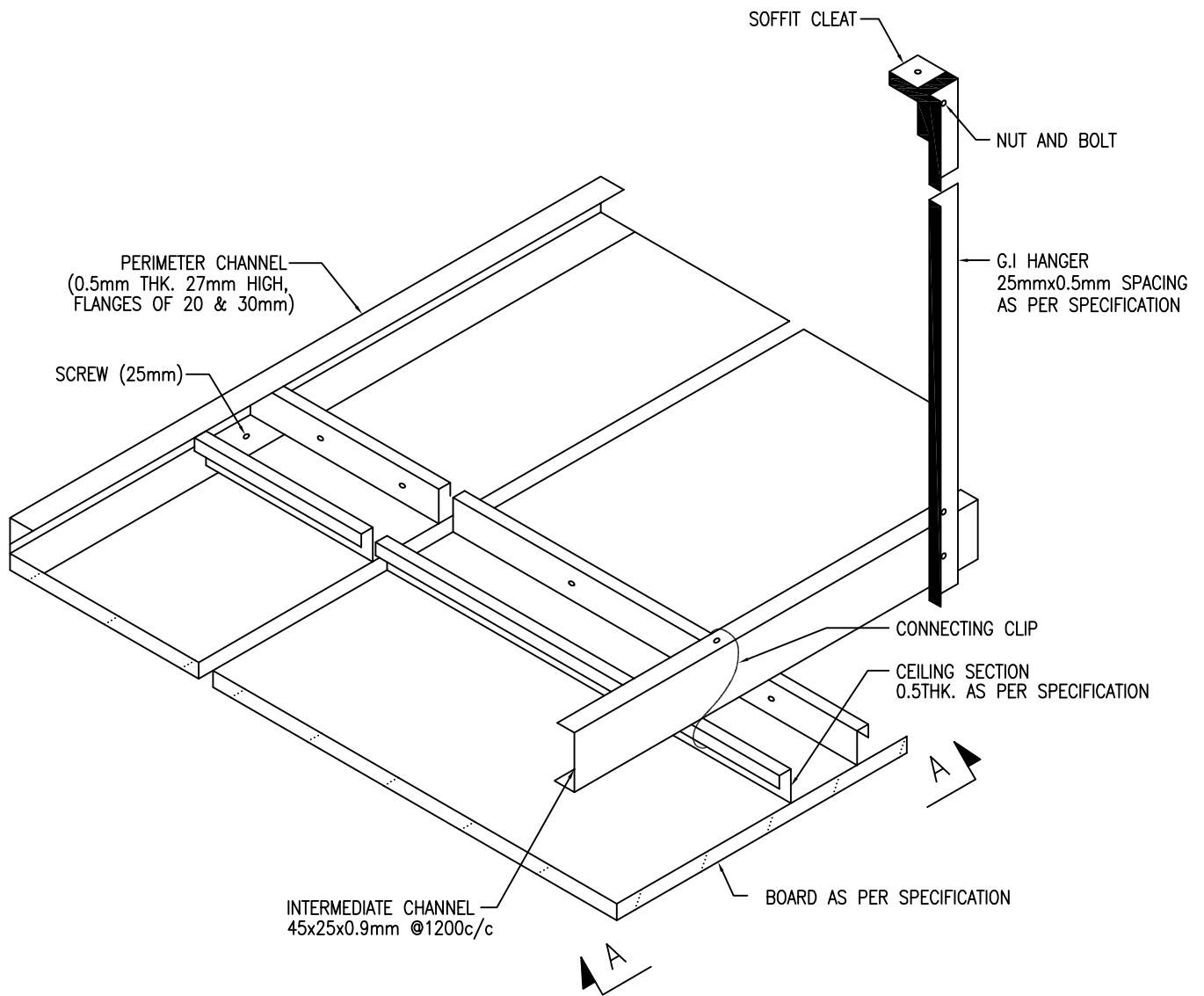
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REV

A



STANDARD  
FOR  
FALSE CEILING

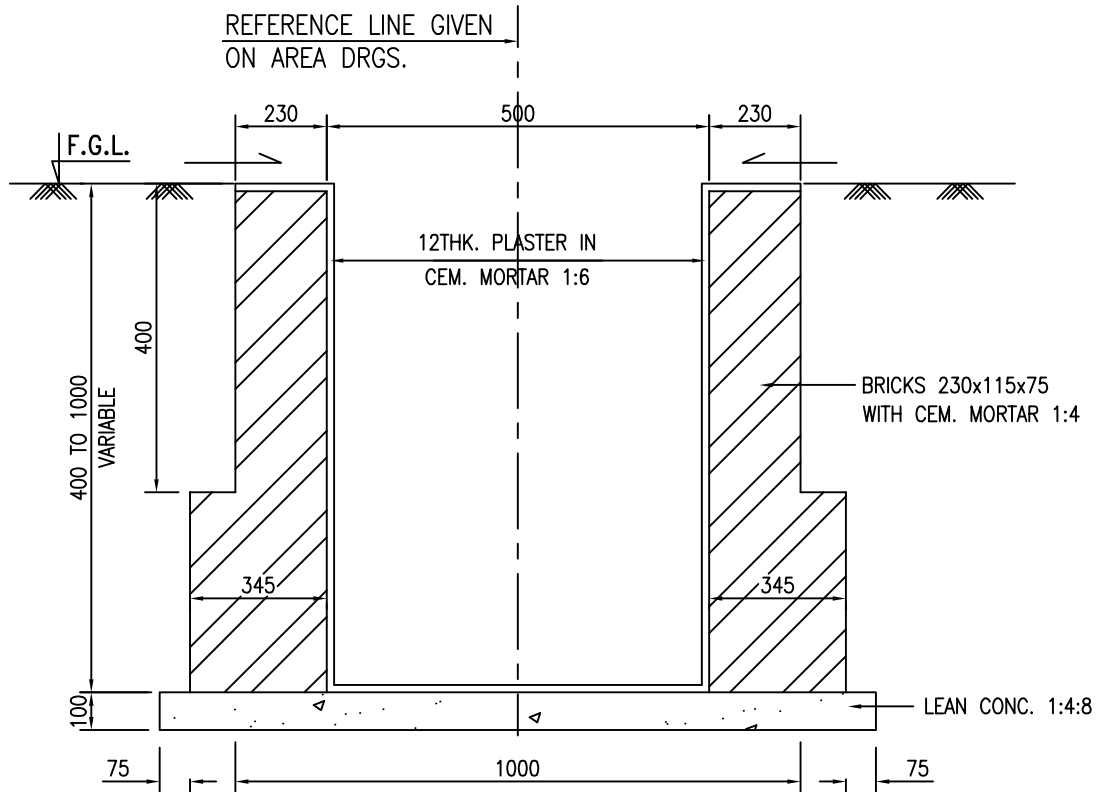
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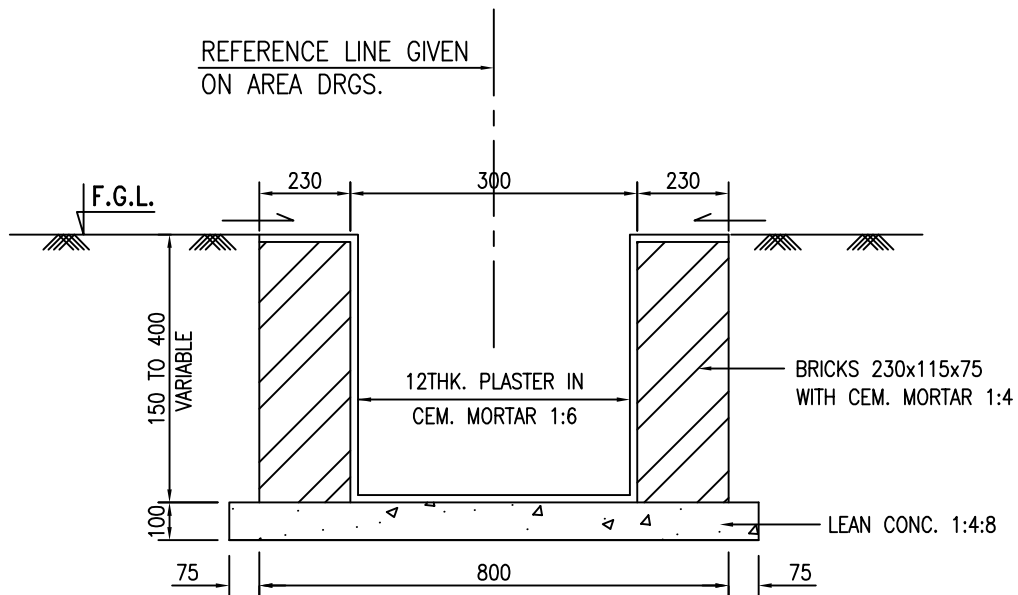
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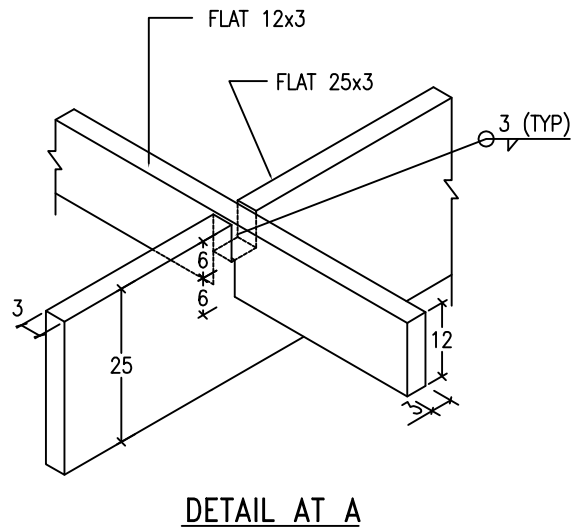
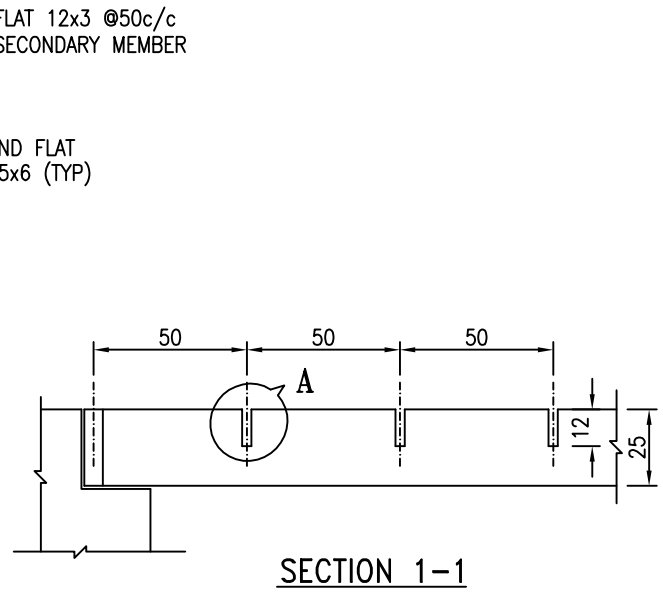
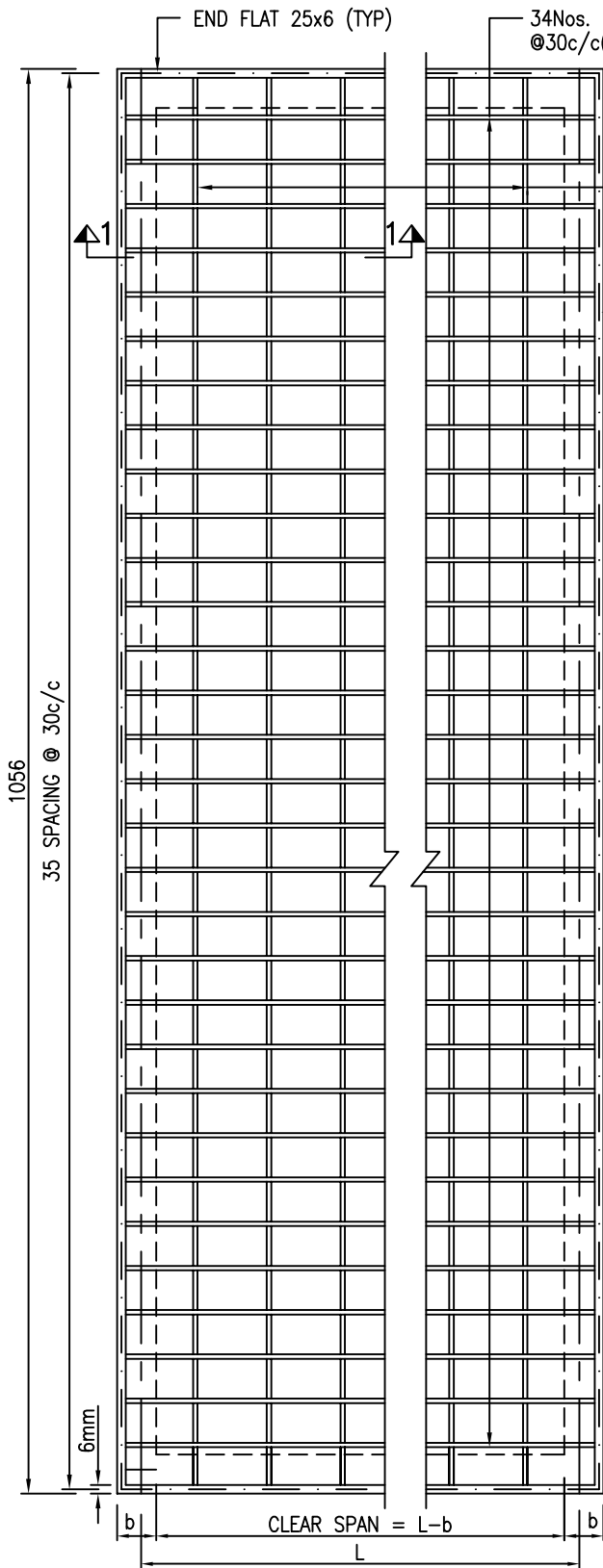
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**RECTANGULAR DRAIN**  
(TYPE-1)



**RECTANGULAR DRAIN**  
(TYPE-2)



**P L A N**

**NET SAFE WORKING LOADS FOR GRATING**

PROPERTIES			TYPE-I	L	500	600	700	800	900	1000	1100	1250	1400
$L_{xx}(cm^4)$	$Z_{xx}(cm^3)$	MR(kgm)		$\Delta d$	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.0
14.84	11.87	195.94		W	> 2000			1515	1105	830	540	345	
				P	1475	1225	1050	915	810	670	550	400	275



**STANDARD  
FOR  
GRATING DETAIL**

**DRAWING NUMBER**

**REV**

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