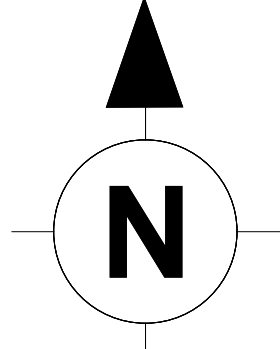


PLANT NORTH



PMC GENERAL COMMENTS:

Even though PMC has reviewed relevant calculation and drawing, BHEL is wholly responsible for the same to meet the standards and specifications.

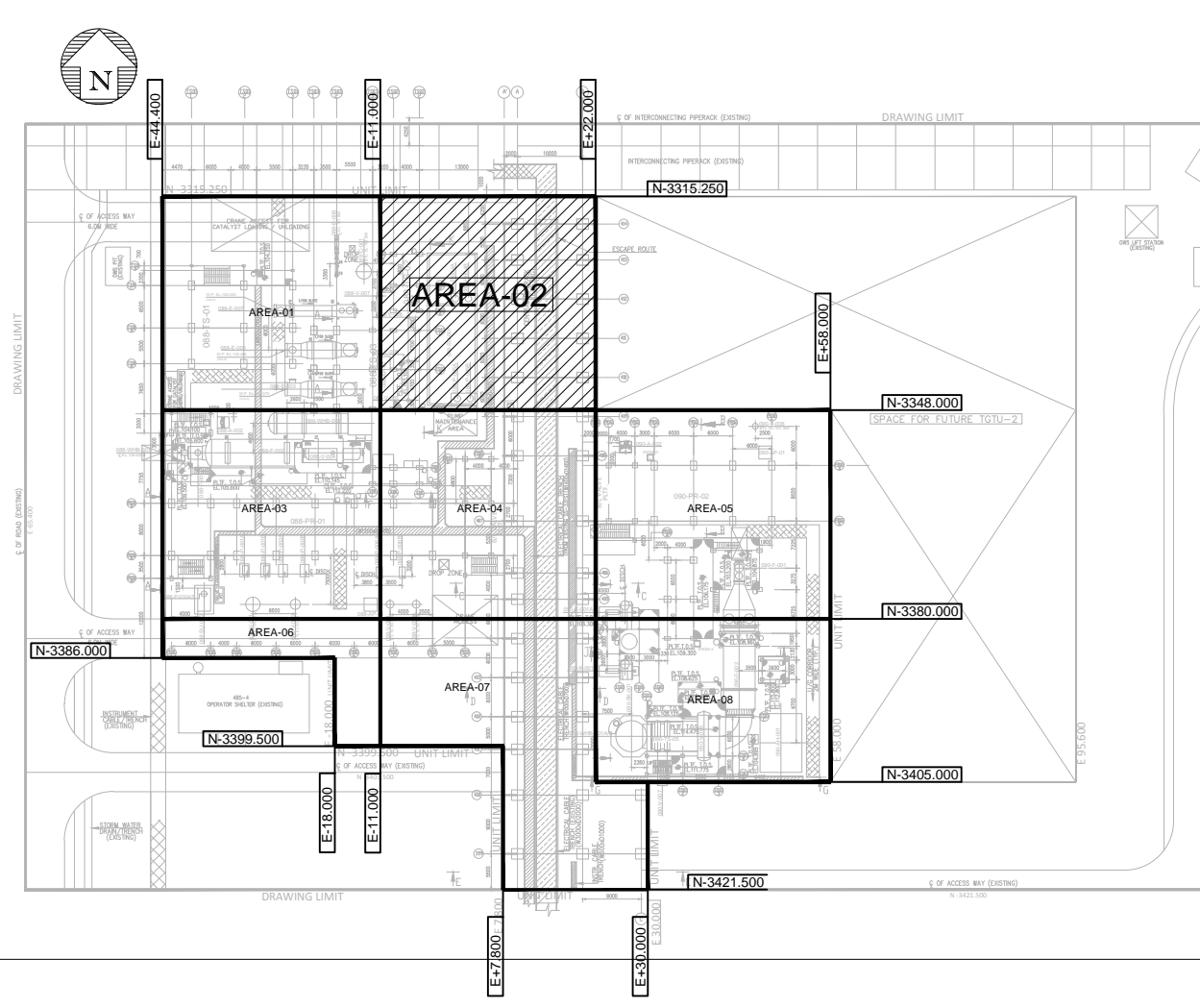
REF. DWG. NO.	REFERENCE DRAWING TITLE
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NOTES :-

1. FOR DETAILED NOTES, LEGENDS AND REFERENCE DRAWINGS, REFER DRAWING NO. 080557C-26899053-CIV-A2004-010.

B.H.E.I. HYDERABAD- 500032
PROJECT ENGINEERING DEPARTMENT
RELEASED FOR CONSTRUCTION
DATE: 23.12.2021
SIGN: *Gopal*

KEYPLAN



DOCUMENT CATEGORY	DOCUMENT REVIEW STATUS (BY CLIENT)
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(USE "X" MARK)

☐ APPROVAL

☐ REVIEW

☒ INFORMATION

CLIENT		INDIAN OIL CORPORATION LIMITED PARADIP REFINERY PROJECT PARADIP, ORISSA
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CONSULTANT	 TECHNIP ENERGIES
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PROJECT	525 TPD STANDBY SRU PROJECT IOCL PARADIP REFINERY, ODISHA, INDIA
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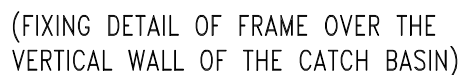
D	 BHARAT HEAVY ELECTRICALS LTD. HYDERABAD			NAME	SIGN.	DATE	NO. OF
			DRN.	EIL	EIL	11.11.21	VAR
			CHD.	DPK		15.11.21	
			APPD.	GPP		15.11.21	
DEPT							

DEL. P.	UNTOOL. DIMS.	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEM
CODE.	GR. <i>G/M/F</i>	1:50	-N.A.-	-N.A.-	-N.A.-	-N.A.-

TITLE	CARD	BHEL DRG NO.	RE
UNDERGROUND PILING LAUNCH	CODE	B366-088-81-41-04602	
		CUST DRG NO	

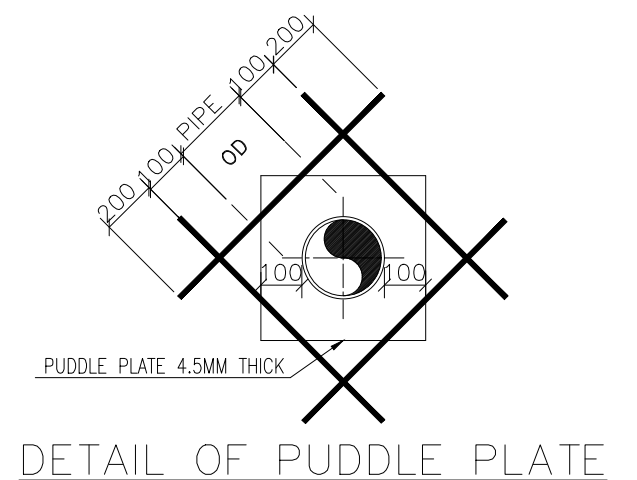
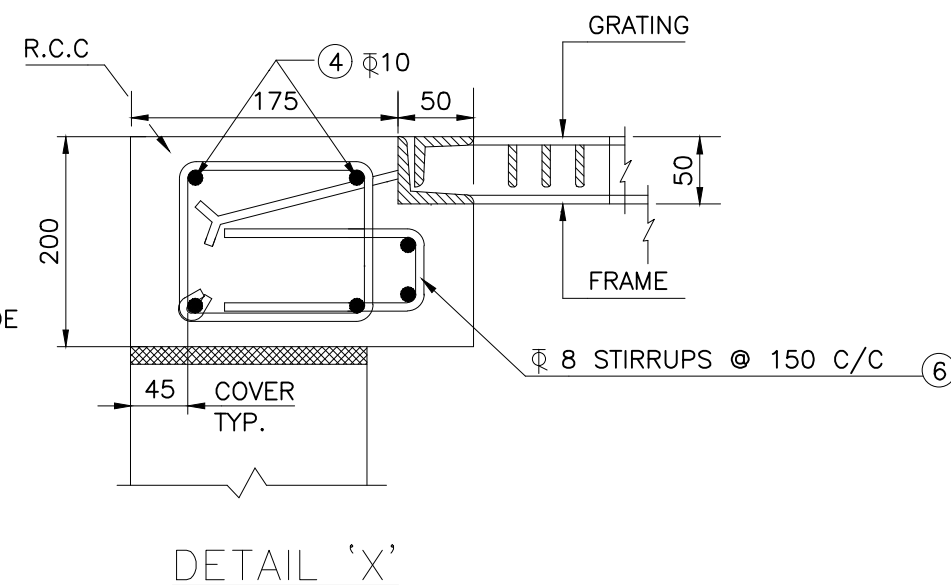
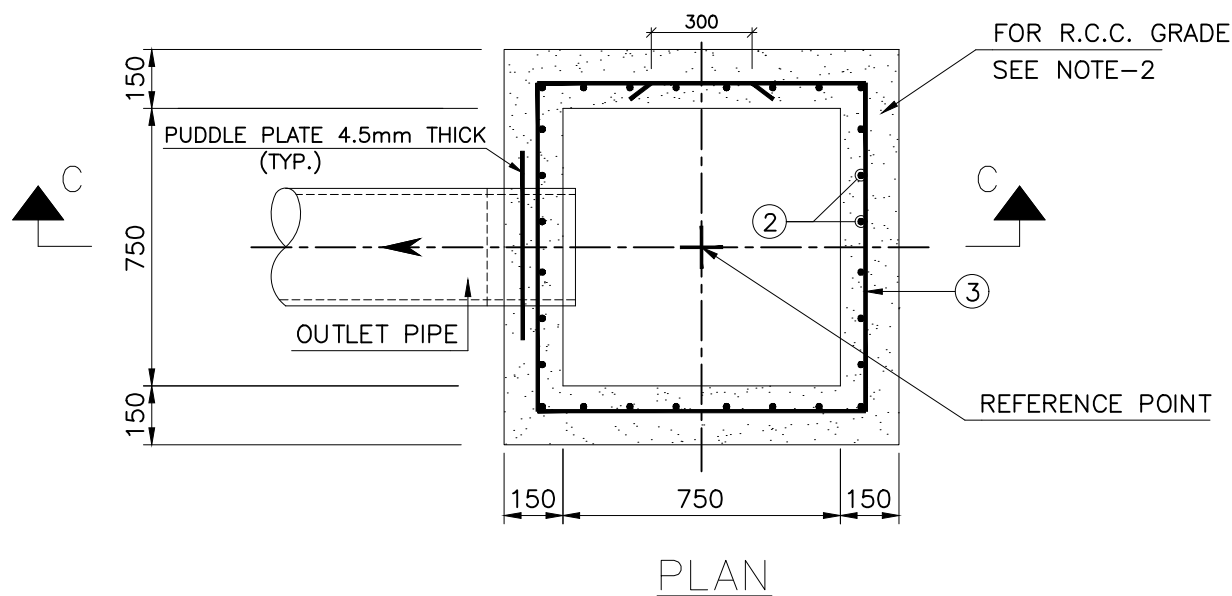
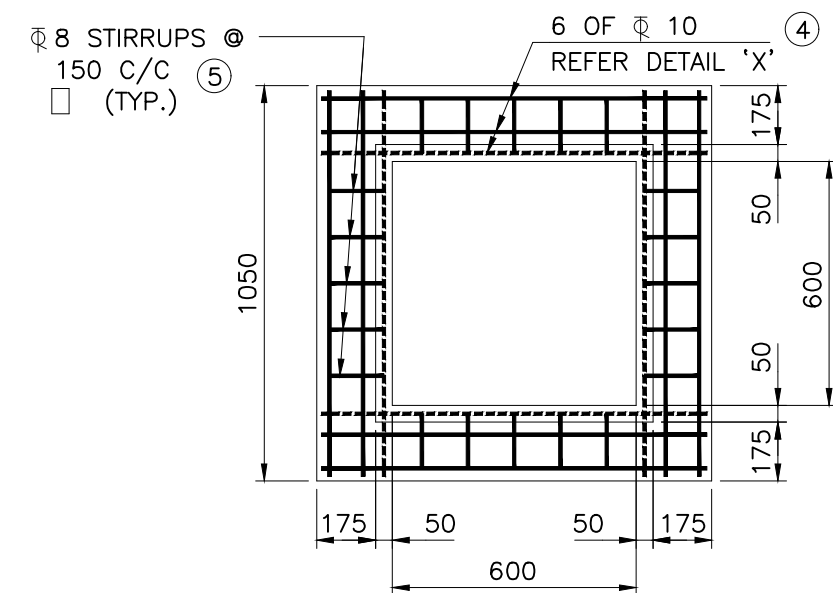
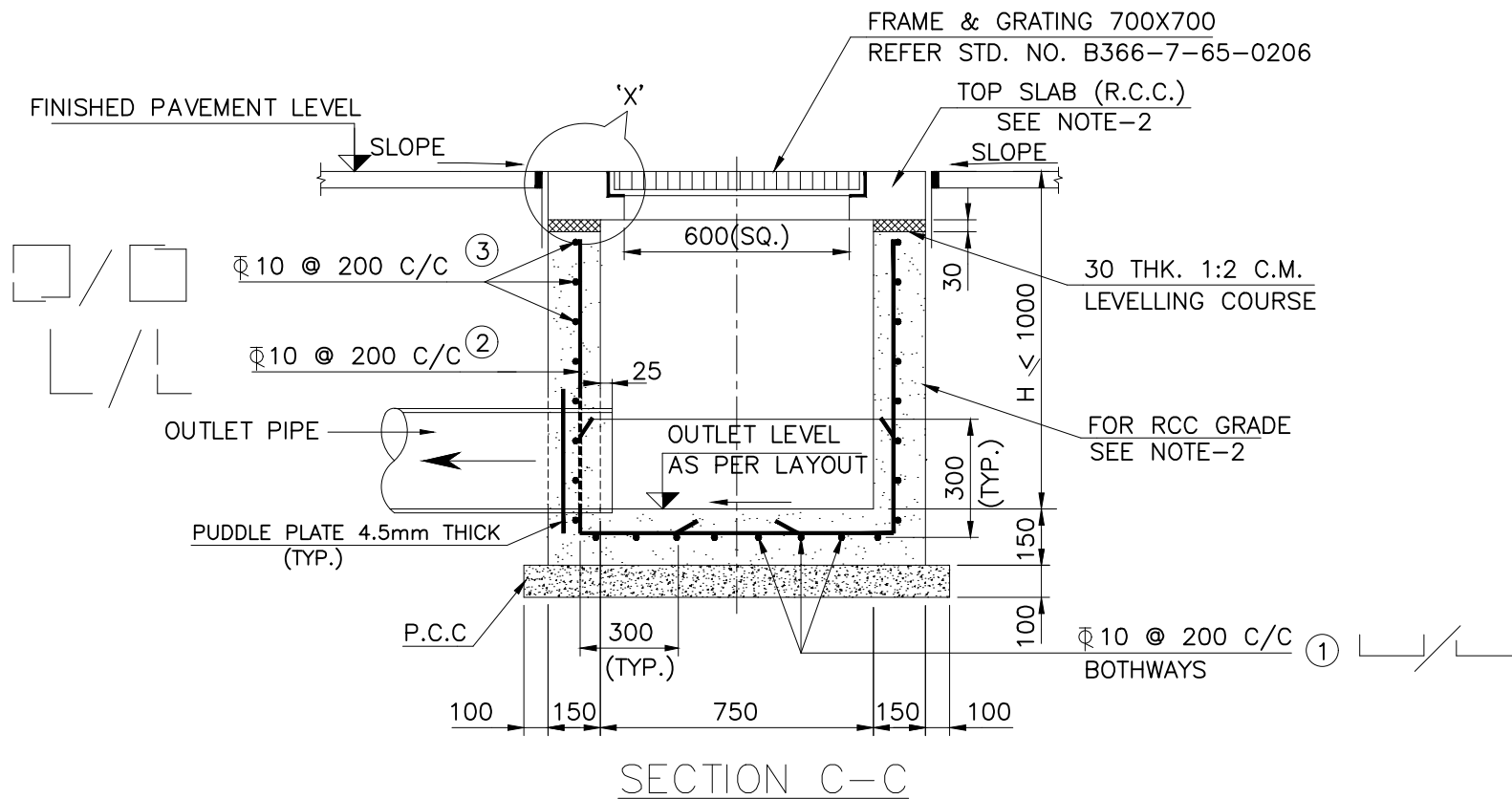
UNDERGROUND PIPING LAYOUT AREA-02	080557C-26899053-CIV-A2004-002	
	SHT. No 1	NO. OF SHT. 1

ESP-001-12A



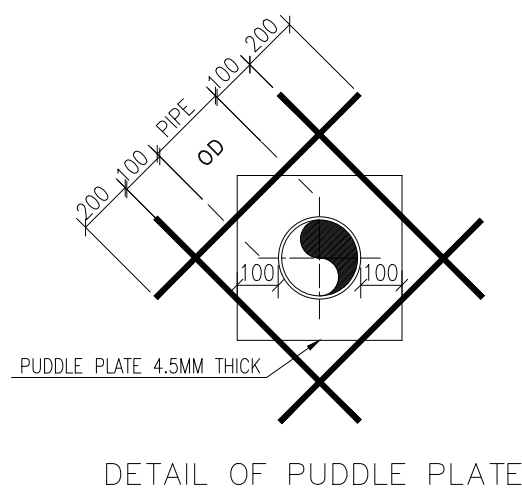
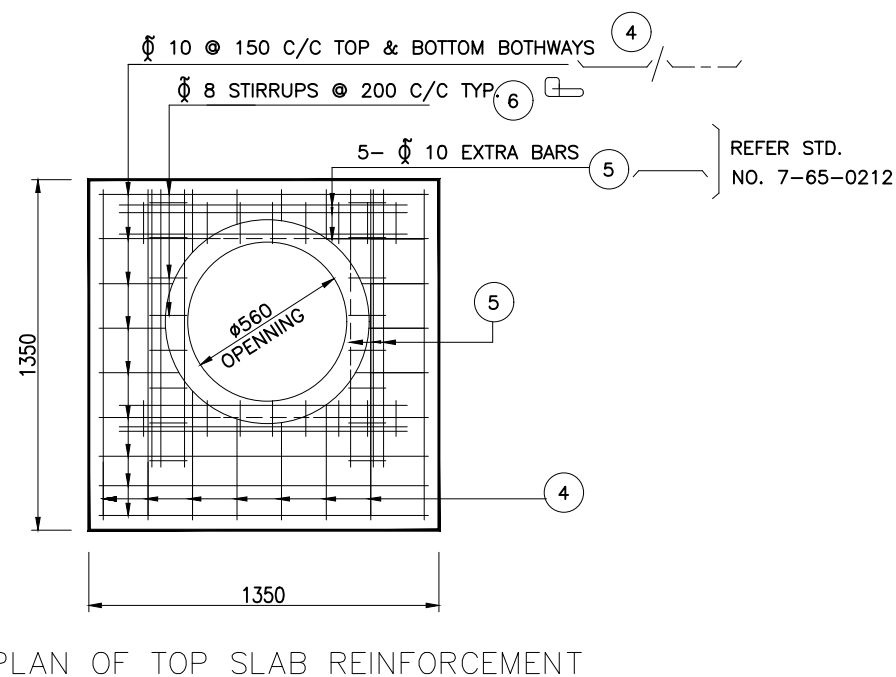
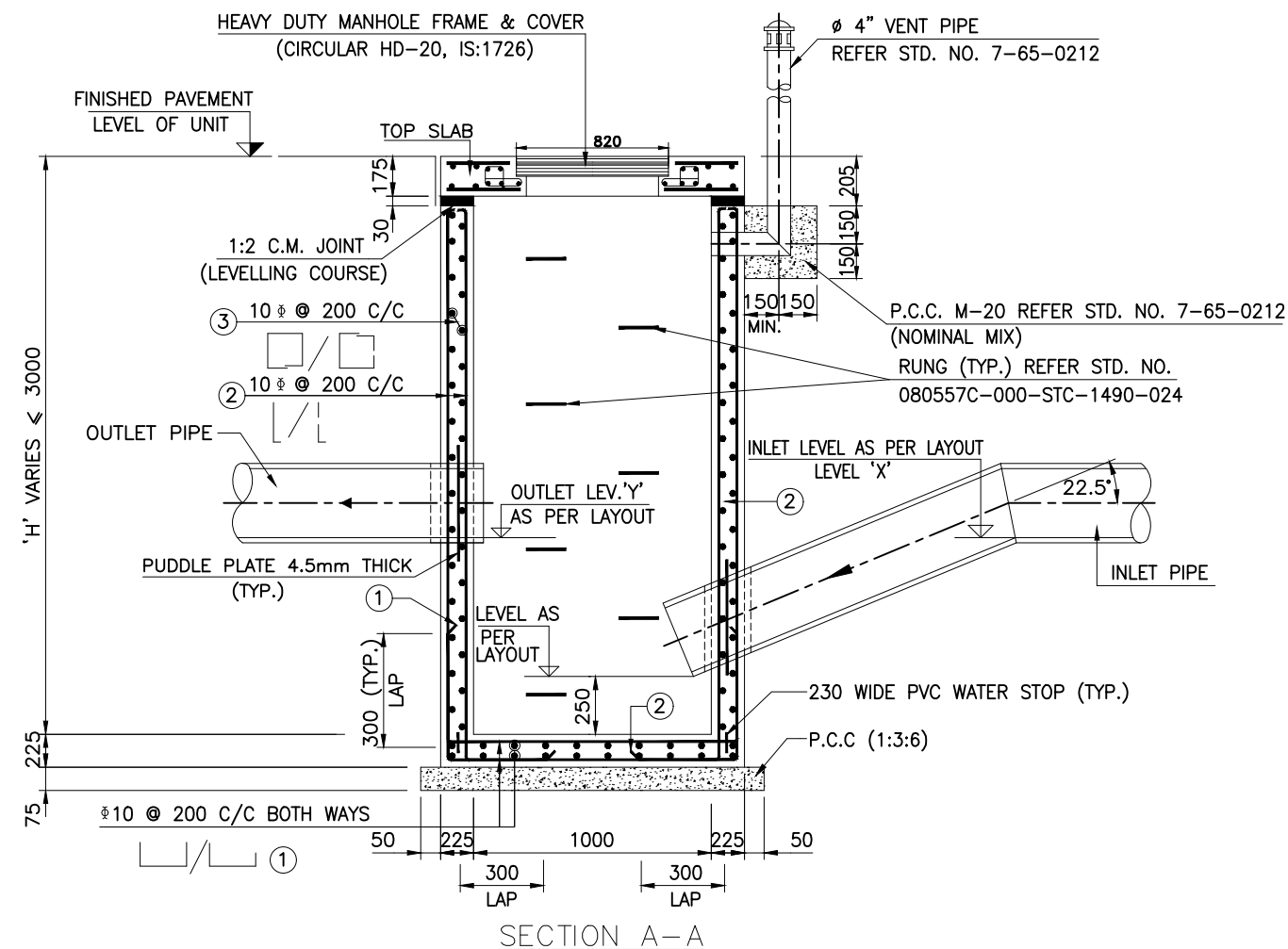
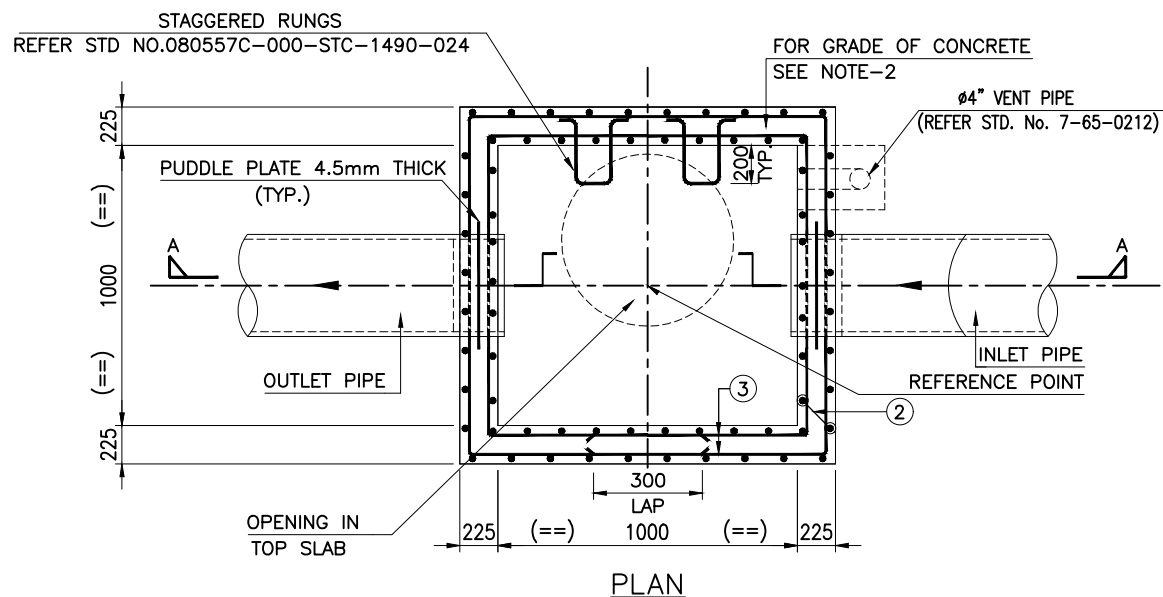
1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. CATCH BASIN FRAME AND GRATING SHALL BE HOT DIP GALVANISED ACCORDING TO IS: 2629 AND THE QUANTITY OF ZINC COATING SHALL BE 900gms/sq.m OF SURFACE AREA (0.12mm UNIFORM THICKNESS).

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NOTES: —

- ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
- REFER STRUCTURAL GENERAL NOTES OF THE PROJECT FOR REINFORCED CONCRETE STRUCTURES FOR THE FOLLOWING :
 - GRADE OF CONCRETE (MINIMUM M30 GRADE)
 - GRADE AND TYPE OF CEMENT
 - REINFORCEMENT STEEL BARS
 - CLEAR COVER IN R.C.C. WORKS.
- BAR BENDING SHALL CONFORM TO IS:2502.



NOTES: —

- ALL DIMENSIONS ARE IN MM.
- REFER STRUCTURAL GENERAL NOTES OF THE PROJECT FOR REINFORCED CONCRETE STRUCTURES FOR THE FOLLOWING :
 - GRADE OF CONCRETE (MINIMUM M35 GRADE)
 - GRADE AND TYPE OF CEMENT
 - REINFORCEMENT STEEL BARS
 - CLEAR COVER IN CONCRETE WORKS.
- BAR BENDING SHALL CONFORM TO IS:2502
- THIS STANDARD SHALL BE READ ALONG WITH STD. NOS. 7-65-0212, 7-65-0230, 080557C-000-STC-1490-024, 080557C-000-STC-1490-025.
- TOP SLAB SHALL BE CAST-IN-SITU AND REINFORCEMENT ON WALL SIDE OF MANHOLE OPENING SHALL BE ADJUSTED AT SITE.
- LEVEL 'Y' SHOULD ALWAYS BE LOWER THAN LEVEL 'X'.
- CONSTRUCTION OF MANHOLE SHALL BE LEAK RESISTANT.