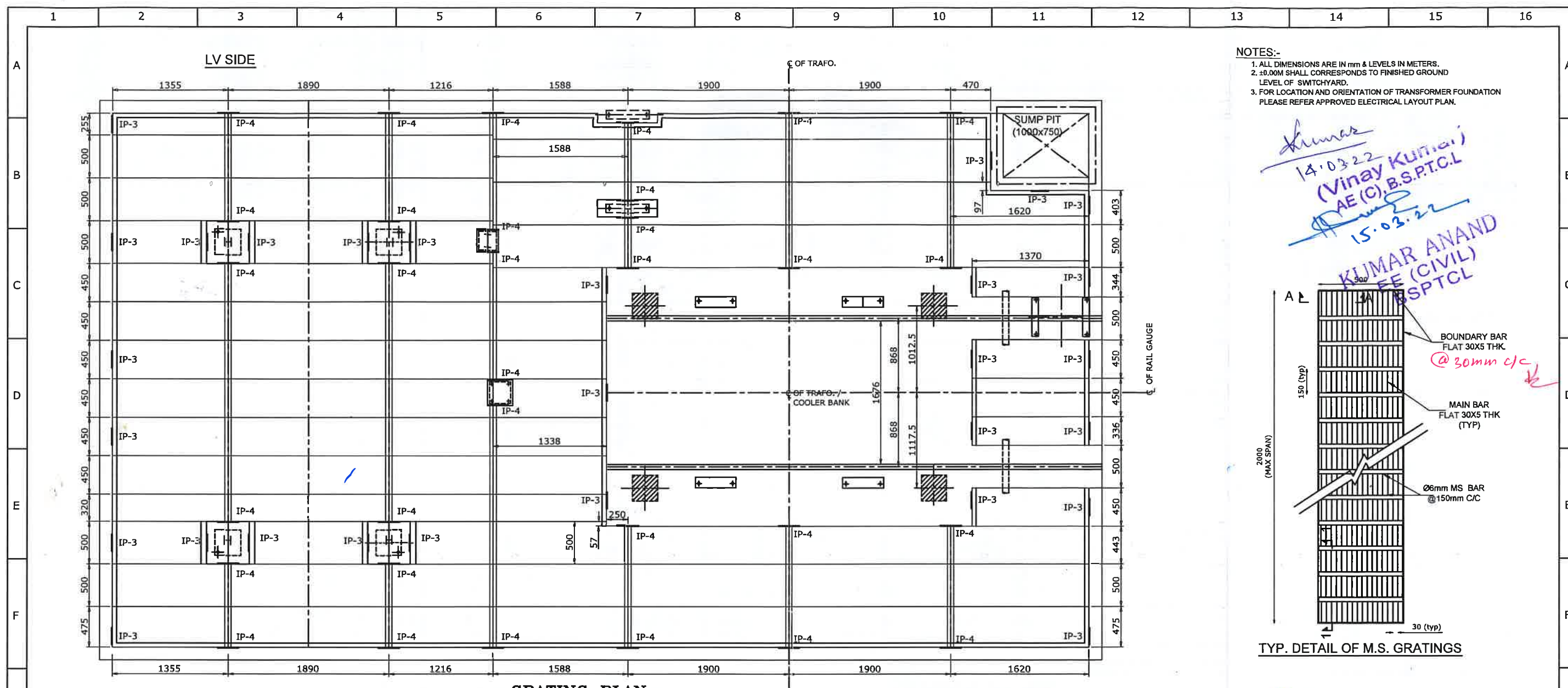
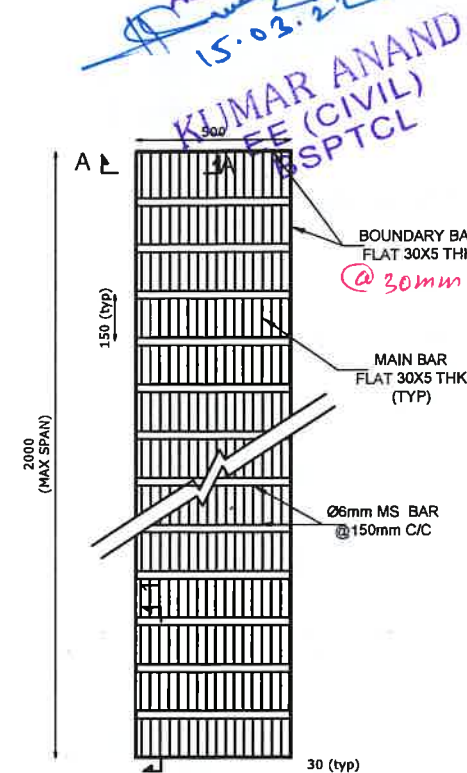




- NOTES:-**
1. ALL DIMENSIONS ARE IN mm & LEVELS IN METERS.
 2. ± 0.00 SHALL CORRESPOND TO FINISHED GROUND LEVEL OF SWITCHYARD.
 3. FOR LOCATION AND ORIENTATION OF TRANSFORMER FOUNDATION PLEASE REFER APPROVED ELECTRICAL LAYOUT PLAN.

Signature
14.03.22
(Vinay Kumar)
AE (C), B.S.P.T.C.L.
15.03.22



TYP. DETAIL OF M.S. GRATINGS

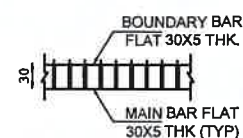
Signature
15.03.22
Kumar Chaitanya
SE (C), BSPTCL

Drawing is approved
subject to overall
responsibility of the contractor
in terms of contract agreement
or, turn key for the work

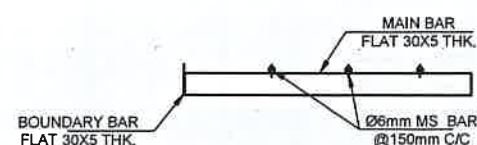
Signature
15.03.22
ANJANI KUMAR
CE (CIVIL)
BSPTCL

HV SIDE

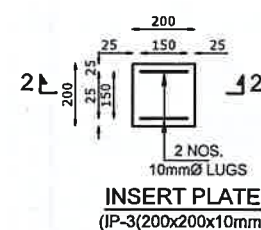
GRATING PLAN FOR 132KV ICT-1, BAY-102



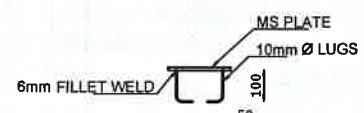
SECTION A-A



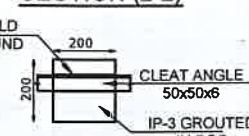
SECTION 1-1



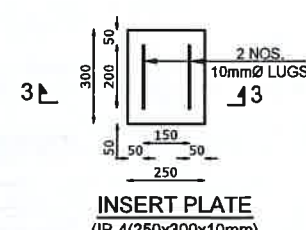
INSERT PLATE
(IP-3) (200x200x10mm)



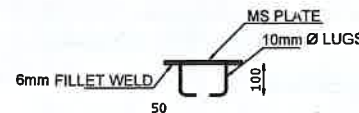
SECTION (2-2)



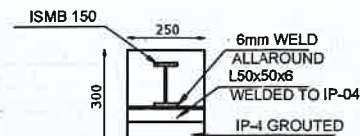
TYP. DETAILS OF
IP-03 FIXING



INSERT PLATE
(IP-4) (250x300x10mm)

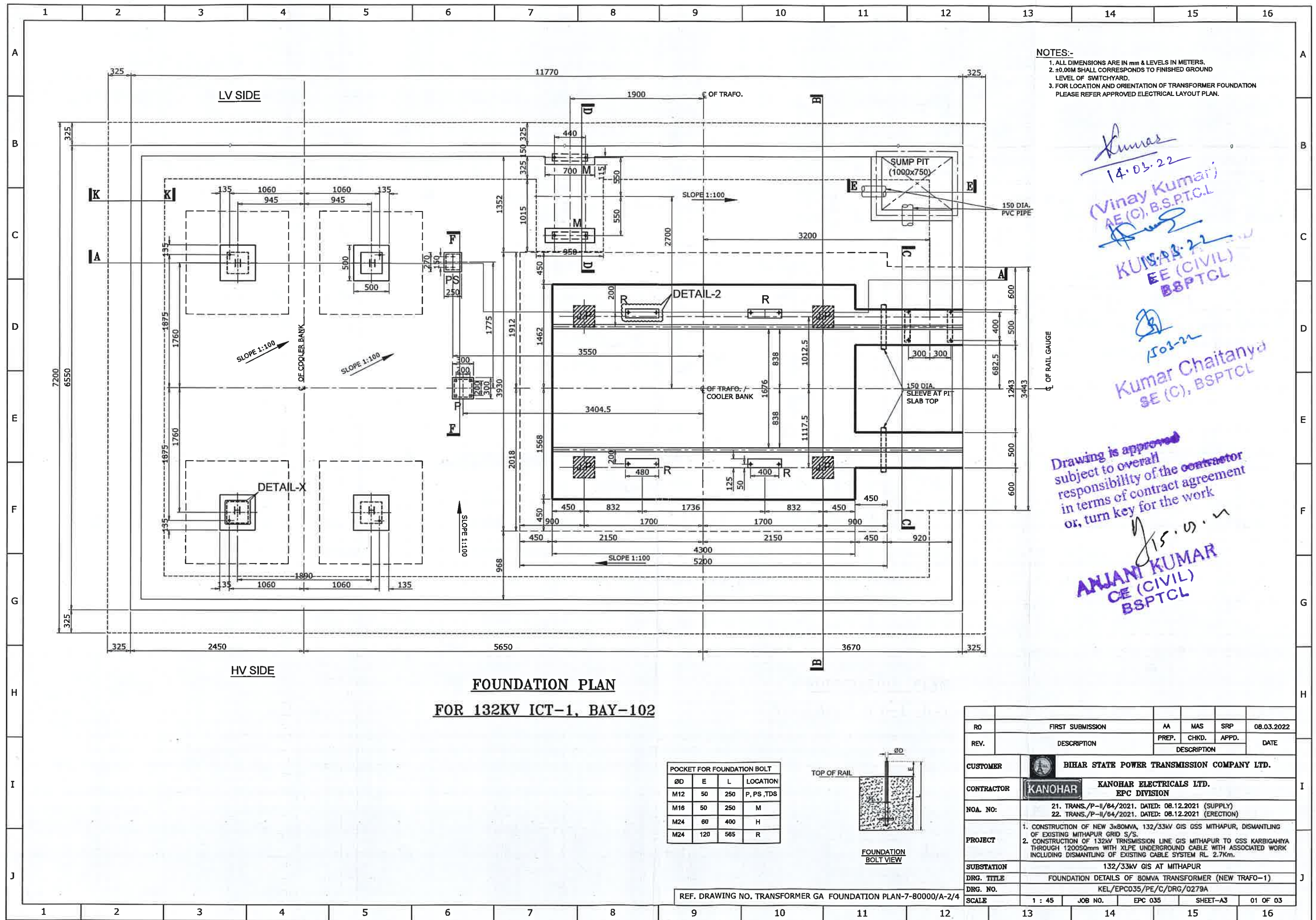


SECTION (3-3)



TYP. DETAILS OF
IP-04 FIXING

RO	FIRST SUBMISSION	AA	MAS	SRP	08.03.2022
REV.	DESCRIPTION	PREP.	CHKD.	APPD.	DATE
CUSTOMER: BIHAR STATE POWER TRANSMISSION COMPANY LTD.					
CONTRACTOR: KANOVAR KANOVAR ELECTRICALS LTD. EPC DIVISION					
NOA. NO: 21. TRANS./P-II/64/2021. DATED: 08.12.2021 (SUPPLY) 22. TRANS./P-II/64/2021. DATED: 08.12.2021 (ERECTION)					
PROJECT: 1. CONSTRUCTION OF NEW 3x80MVA, 132/33KV GIS MITHAPUR, DISMANTLING OF EXISTING MITHAPUR GRID S/S. 2. CONSTRUCTION OF 132KV TRANSMISSION LINE GIS MITHAPUR TO GSS KARBIGAHIYA THROUGH 1200SQMM WITH XLPE UNDERGROUND CABLE WITH ASSOCIATED WORK INCLUDING DISMANTLING OF EXISTING CABLE SYSTEM RL. 2.7Km.					
SUBSTATION: 132/33KV GIS AT MITHAPUR					
DRG. TITLE: FOUNDATION DETAILS OF 80MVA TRANSFORMER (NEW TRAF0-1)					
DRG. NO. KEL/EPC035/PE/C/DRG/0279A					
SCALE: 1 : 45					
JOB NO. EPC 035 SHEET-A3 03 OF 03					



NOTES:-

1. ALL DIMENSIONS ARE IN mm & LEVELS IN METERS.
2. ± 0.00 M SHALL CORRESPOND TO FINISHED GROUND LEVEL OF SWITCHYARD.
3. FOR LOCATION AND ORIENTATION OF TRANSFORMER FOUNDATION PLEASE REFER APPROVED ELECTRICAL LAYOUT PLAN.

Kumar
14.03.22
(Vinay Kumar)
AE (C), B.S.P.T.C.L.
KUMAR
15.03.22
EE (CIVIL)
BSPTCL

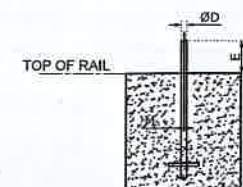
Kumar Chaitanya
SE (C), BSPTCL

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15.03.22
ANJANI KUMAR
CE (CIVIL)
BSPTCL

FOUNDATION PLAN
FOR 132KV ICT-1, BAY-102

POCKET FOR FOUNDATION BOLT			
ØD	E	L	LOCATION
M12	50	250	P, PS, TDS
M16	50	250	M
M24	60	400	H
M24	120	565	R



FOUNDATION
BOLT VIEW

REF. DRAWING NO. TRANSFORMER GA FOUNDATION PLAN-7-80000/A-2/4

RO	FIRST SUBMISSION	AA	MAS	SRP	08.03.2022
REV.	DESCRIPTION	PREP.	CHKD.	APPD.	DATE
CUSTOMER		BIHAR STATE POWER TRANSMISSION COMPANY LTD.			
CONTRACTOR		KANO HAR ELECTRICALS LTD. EPC DIVISION			
NOA. NO:		21. TRANS./P-II/64/2021. DATED: 08.12.2021 (SUPPLY) 22. TRANS./P-II/64/2021. DATED: 08.12.2021 (ERECTION)			
PROJECT		1. CONSTRUCTION OF NEW 3x80MVA, 132/33KV GIS GSS MITHAPUR, DISMANTLING OF EXISTING MITHAPUR GRID S/S. 2. CONSTRUCTION OF 132KV TRANSMISSION LINE GIS MITHAPUR TO GSS KARBIGAHYA THROUGH 1200S0mm WITH XLPE UNDERGROUND CABLE WITH ASSOCIATED WORK INCLUDING DISMANTLING OF EXISTING CABLE SYSTEM RL 2.7Km.			
SUBSTATION		132/33KV GIS AT MITHAPUR			
DRG. TITLE		FOUNDATION DETAILS OF 80MVA TRANSFORMER (NEW TRAFO-1)			
DRG. NO.		KEL/EPC035/PE/C/DRG/0279A			
SCALE		1 : 45	JOB NO.	EPC 035	SHEET-A3 01 OF 03

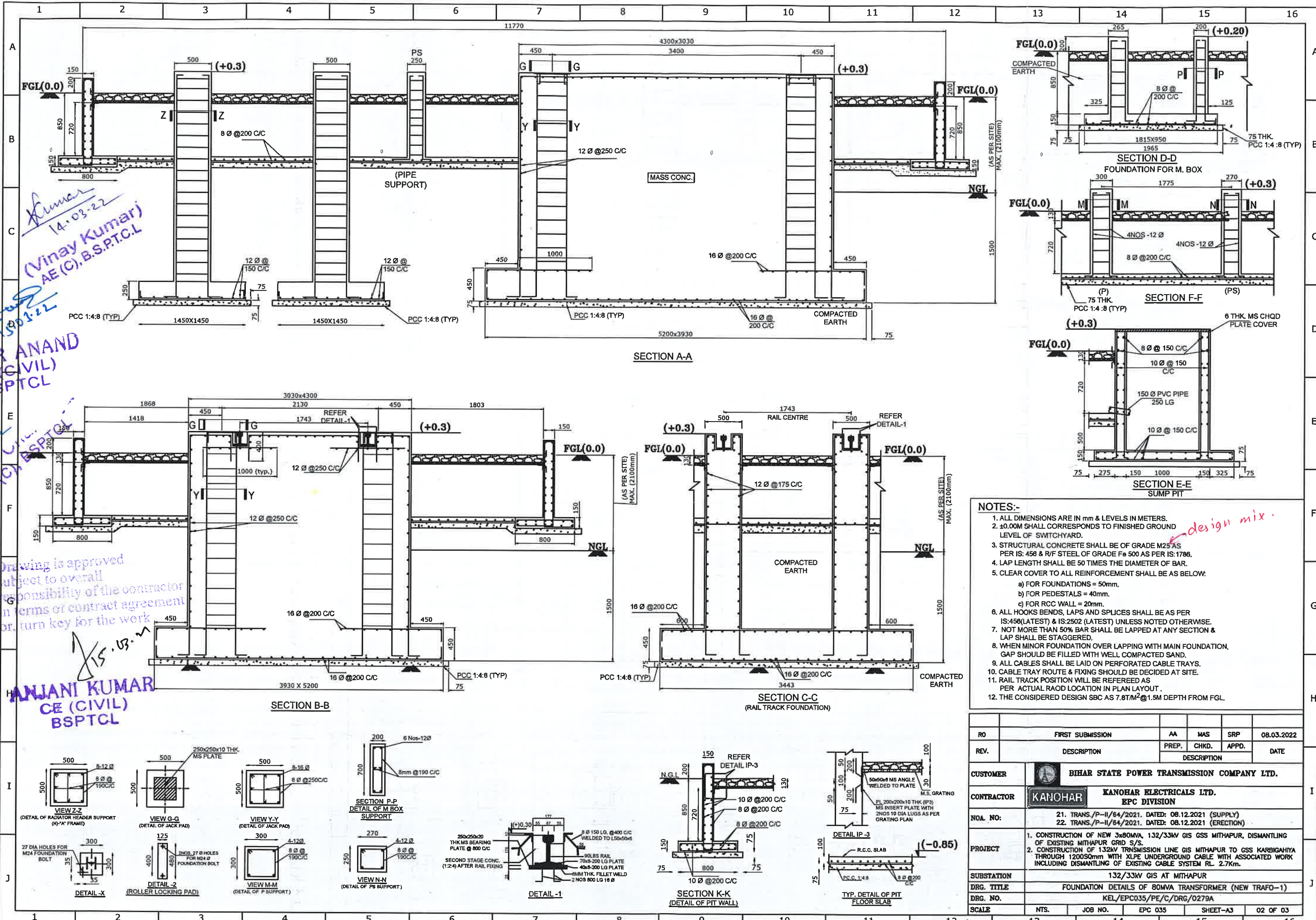
Kumar
14.03.22
(Vinay Kumar)
AE (C), B.S.P.T.C.L

KUMAR ANAND
EE (CIVIL)
BSPTCL

Kumar
15.03.22
SE (CIVIL)
BSPTCL

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or, turn key for the work

HANJANI KUMAR
CE (CIVIL)
BSPTCL



- NOTES:-**
1. ALL DIMENSIONS ARE IN mm & LEVELS IN METERS.
 2. ± 0.00 M SHALL CORRESPONDS TO FINISHED GROUND LEVEL OF SWITCHYARD.
 3. STRUCTURAL CONCRETE SHALL BE OF GRADE M25 AS PER IS: 456 & R/F STEEL OF GRADE Fe 500 AS PER IS: 1786.
 4. LAP LENGTH SHALL BE 50 TIMES THE DIAMETER OF BAR.
 5. CLEAR COVER TO ALL REINFORCEMENT SHALL BE AS BELOW:
 - a) FOR FOUNDATIONS = 50mm.
 - b) FOR PEDESTALS = 40mm.
 - c) FOR RCC WALL = 20mm.
 6. ALL HOOKS BENDS, LAPS AND SPLICES SHALL BE AS PER IS:456(LATEST) & IS:2502 (LATEST) UNLESS NOTED OTHERWISE.
 7. NOT MORE THAN 50% BAR SHALL BE LAPPED AT ANY SECTION & LAP SHALL BE STAGGERED.
 8. WHEN MINOR FOUNDATION OVER LAPPING WITH MAIN FOUNDATION, GAP SHOULD BE FILLED WITH WELL COMPACTED SAND.
 9. ALL CABLES SHALL BE LAID ON PERFORATED CABLE TRAYS.
 10. CABLE TRAY ROUTE & FIXING SHOULD BE DECIDED AT SITE.
 11. RAIL TRACK POSITION WILL BE REFERRED AS PER ACTUAL ROAD LOCATION IN PLAN LAYOUT.
 12. THE CONSIDERED DESIGN SBC AS 7.8TM^2 @ 1.5M DEPTH FROM FGL.

RO	FIRST SUBMISSION	AA	MAS	SRP	08.03.2022
REV.	DESCRIPTION	PREP.	CHKD.	APPD.	DATE
CUSTOMER	BIHAR STATE POWER TRANSMISSION COMPANY LTD.				
CONTRACTOR	KANOVAR KANOVAR ELECTRICALS LTD. EPC DIVISION				
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DRG. NO.	KEL/EPC035/PE/C/DRG/0279A				
SCALE	NTS.	JOB NO.	EPC 035	SHEET-A3	02 OF 03