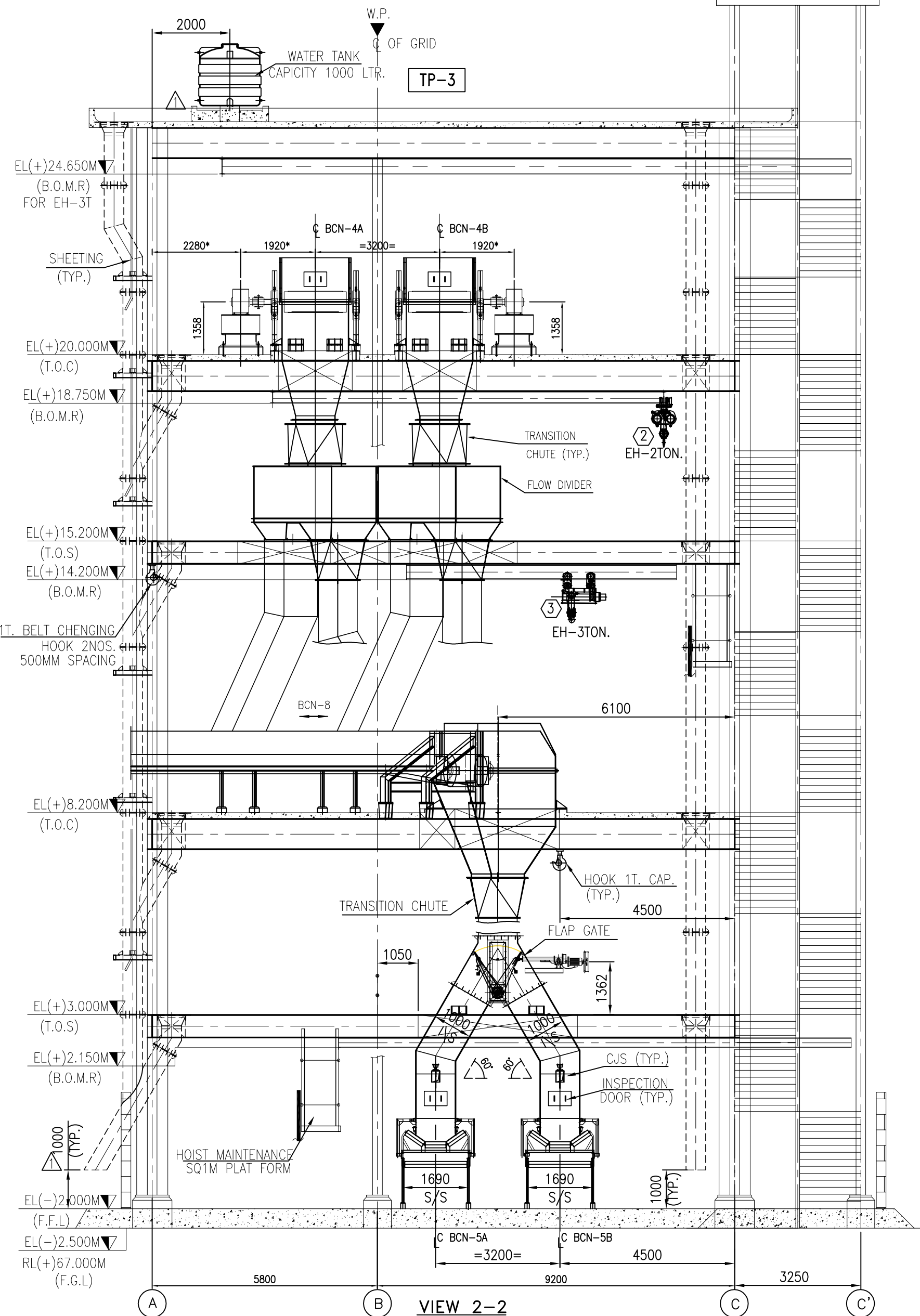
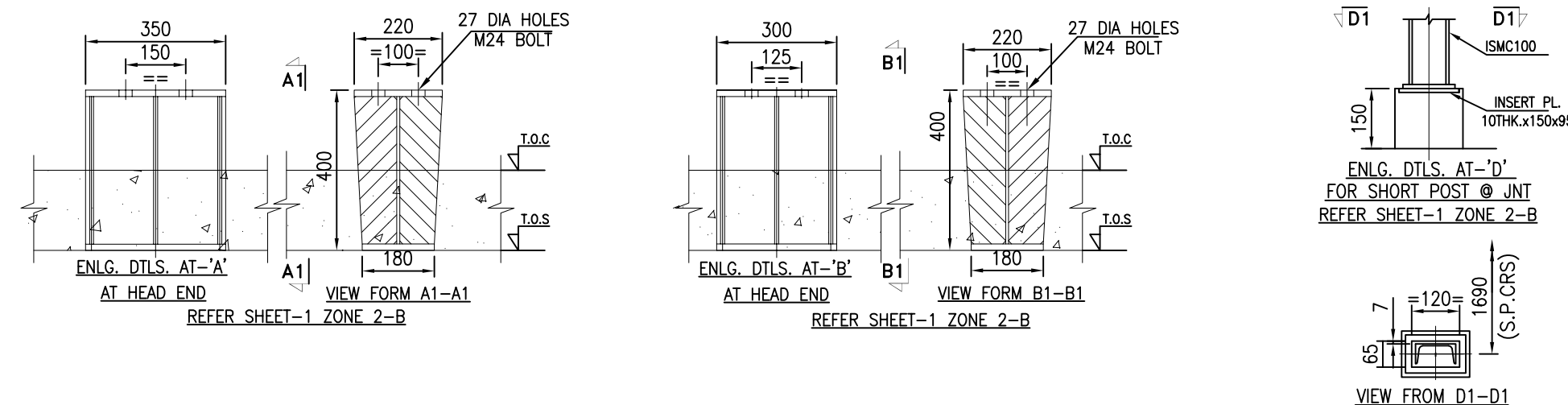


LEGEND :-
F.F.L = FINISHED FLOOR LEVEL
F.G.L = FINISHED GROUND LEVEL
T.O.C = TOP OF CONCRETE
T.O.S = TOP OF STEEL
B.O.M.R = BOTTOM OF MONORAIL
M.H = MANUAL HOIST
E.H = ELECTRIC HOIST
T.P = TRANSFER POINT
B.C.N = BELT CONVEYOR

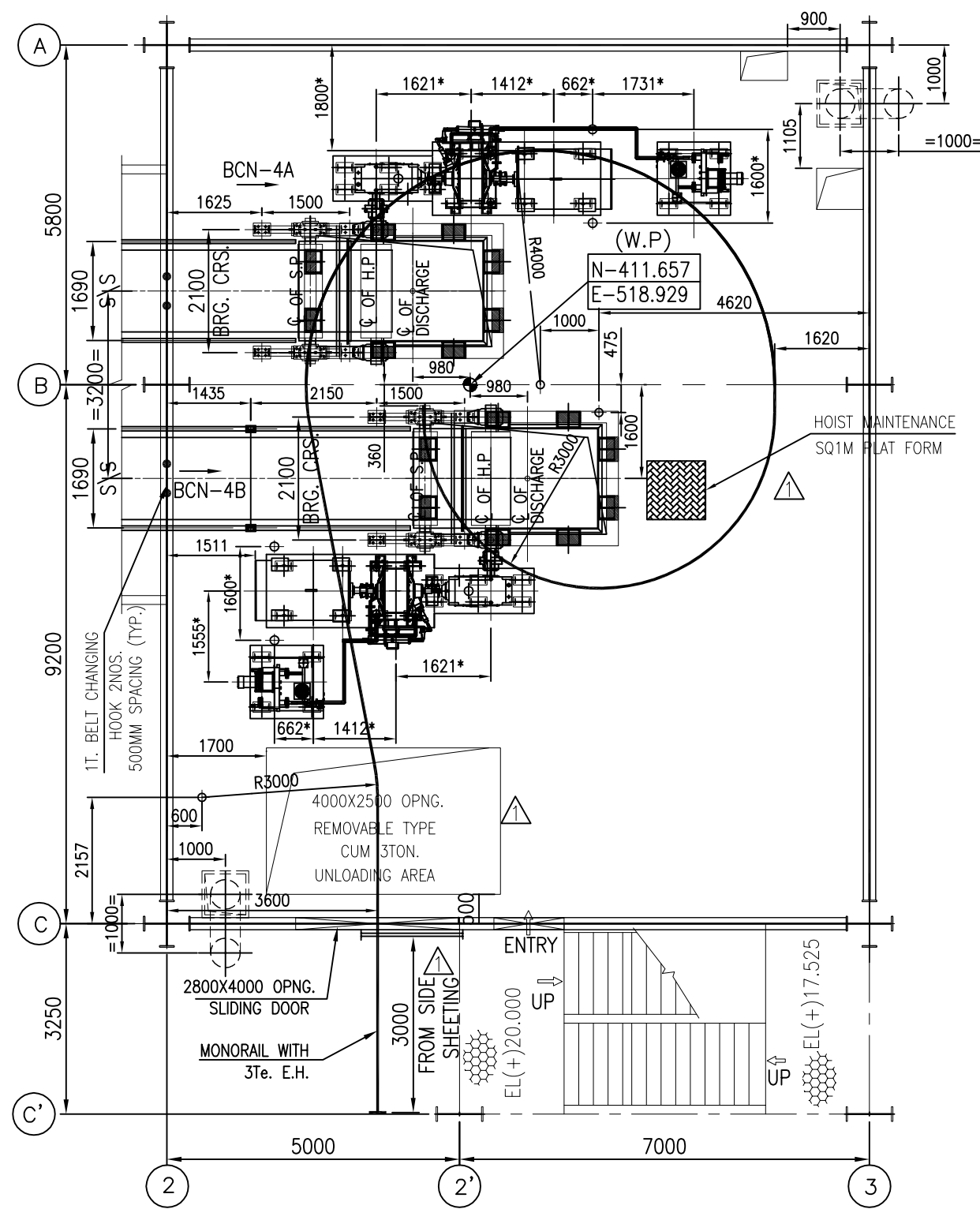


NOTES:-

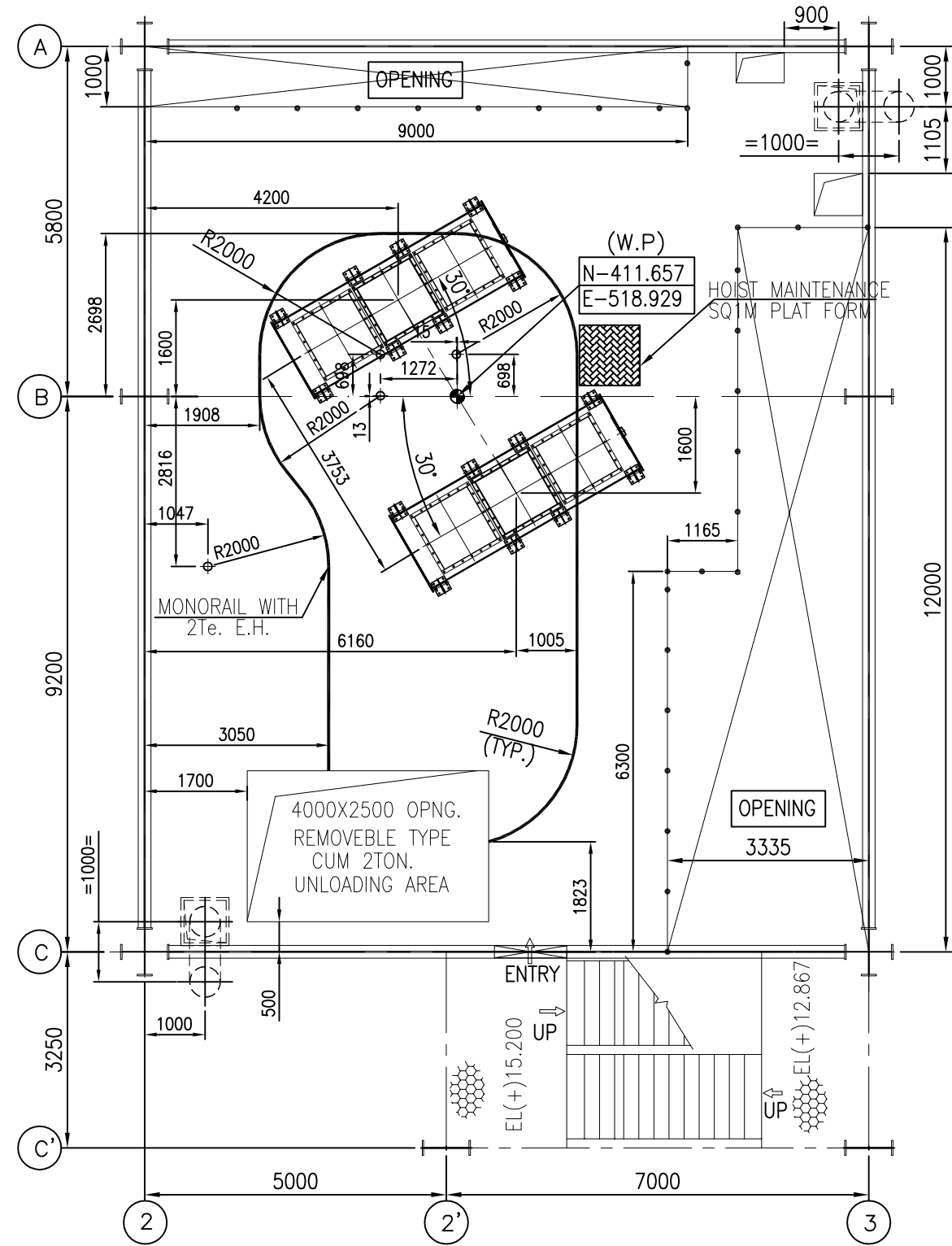
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. THE FINISHED FLOOR LEVEL (FFL) OF POWER HOUSE BUILDING GROUND FLOOR IS EL. 0.00M WHICH CORRESPONDS TO RL 69.5M i.e. 0.5M ABOVE FGL.
3. BOILER AREA FINISHED GRADED LEVEL IS 200MM BELOW 0.0M i.e. RL 69.3M.
4. TRANSFORMER AND FINISHED GRADED LEVEL IS 100MM BELOW 0.0M i.e. RL 69.4M.
5. STEPPED WALKWAY IF CONVEYOR INCLINATION IS MORE THAN 10°.
6. THE DRIVE DIMENSIONS ARE INDICATIVE ONLY AS MARKED * & SHALL BE FINALIZED AFTER GETTING THE DRIVE COMPONENT DRGS.
7. GALLERY SUPPORTING TRESTLE TYPES AND TRESTLE LOCATIONS INDICATED IN THIS DRG. ARE TENTATIVE AND FINALLY THEY SHALL BE AS PER STRUCTURAL DRGS.
- △ 8. FOR DS/SW/DW SYSTEM, SEPARATE DETAILED DRGS. WILL BE FURNISHED AT LATER STAGE.
9. CIVIL REQUIREMENT INDICATED TENTATIVE.
- △ 10. CURB WALL BE PROVIDED AROUND ALL OPENINGS.
11. INSPECTION DOOR SHALL BE LEAK PROOF.
- △ 12. THE FINISHED GROUND LEVEL OF TP-4 IN CHP AREA IS EL(-) 2.5M WHICH CORRESPONDS TO RL 67.00M.

HOIST SCHEDULE									
ITEM NO.	MONO RAIL SECTION	HOIST TYPE	CAPACITY	LIFTING HT.	OPERATING HT.	L/B.RADIUS	QTY.	LOCATION LVL. ⊙ ELEVATION	HANDLING EQUIPT. & LOCATION
①	ISMB 400	ELECTRICAL	3 T	26.650 MTRS.	26.650 MTRS.	3 MTRS	01 No.	EL(+)24.650M (B.O.M.R)	BELOW ROOF FOR DRIVE COMPONATE OF CONV 4A/B
②	ISMB 300	ELECTRICAL	2 T	3.550 MTRS.	20.750 MTRS.	2 MTRS	01 No.	EL(+)18.750M (B.O.M.R)	FLOW DIVIDER
③	ISMB 400	ELECTRICAL	3 T	6.000 MTRS.	16.200 MTRS.	3 MTRS	01 Nos.	EL(+)14.200M (B.O.M.R)	DRIVE COMPONATE OF CONV 8
④	ISMB 250	MANUAL	1.0 T	4.150 MTRS.	4.150 MTRS.	NA	01 No.	EL(+)2.150M (B.O.M.R)	TAIL PULLEY OF CONV 5A/B

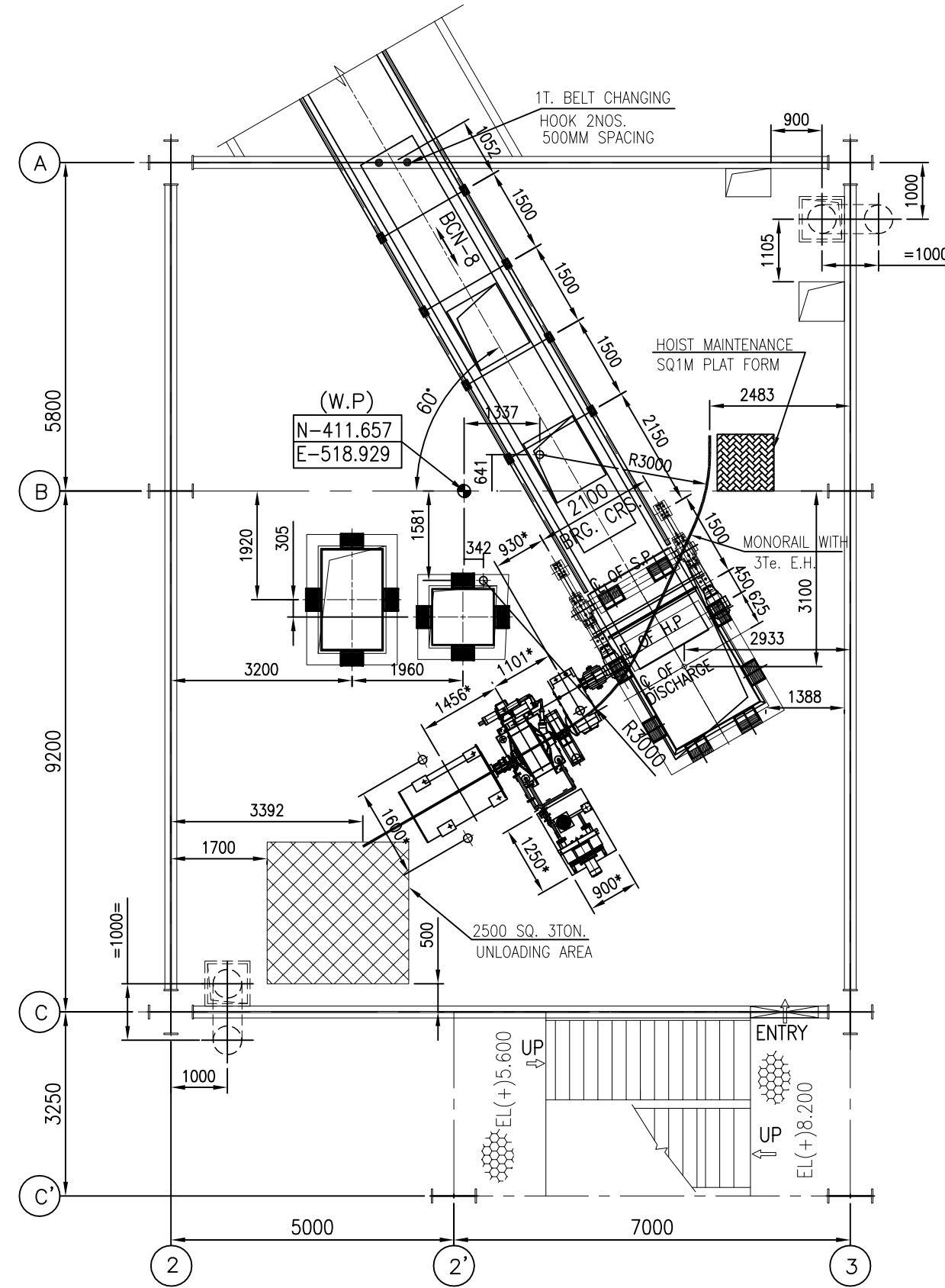
OWNER:	 TELANGANA STATE POWER GENERATION CORPORATION LTD. HYDERABAD - TELANGANA, INDIA										
CONSULTANT:	 DESEIN PRIVATE LIMITED										
PROJECT :	BHADRADRI THERMAL POWER STATION 4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA										
EPC CONTRACTOR:	 BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE					DRN.	NAME	SIGN	DATE	REV.	
						CHD.	DUT		10.06.15	A	
						APP.	MVK		10.06.15	NOT OF VAR	
							RSP		10.06.15		
	TITLE : G.A OF TP-3 WITH LOAD DATA								TOTAL SHEETS	03	
									SHEET. NO.	01	
SCALE	BHEL JOB NO. IS-1-14-2007					BHEL-ISG-1-GA-691-104-M021 DRH.NO.					REV. 01



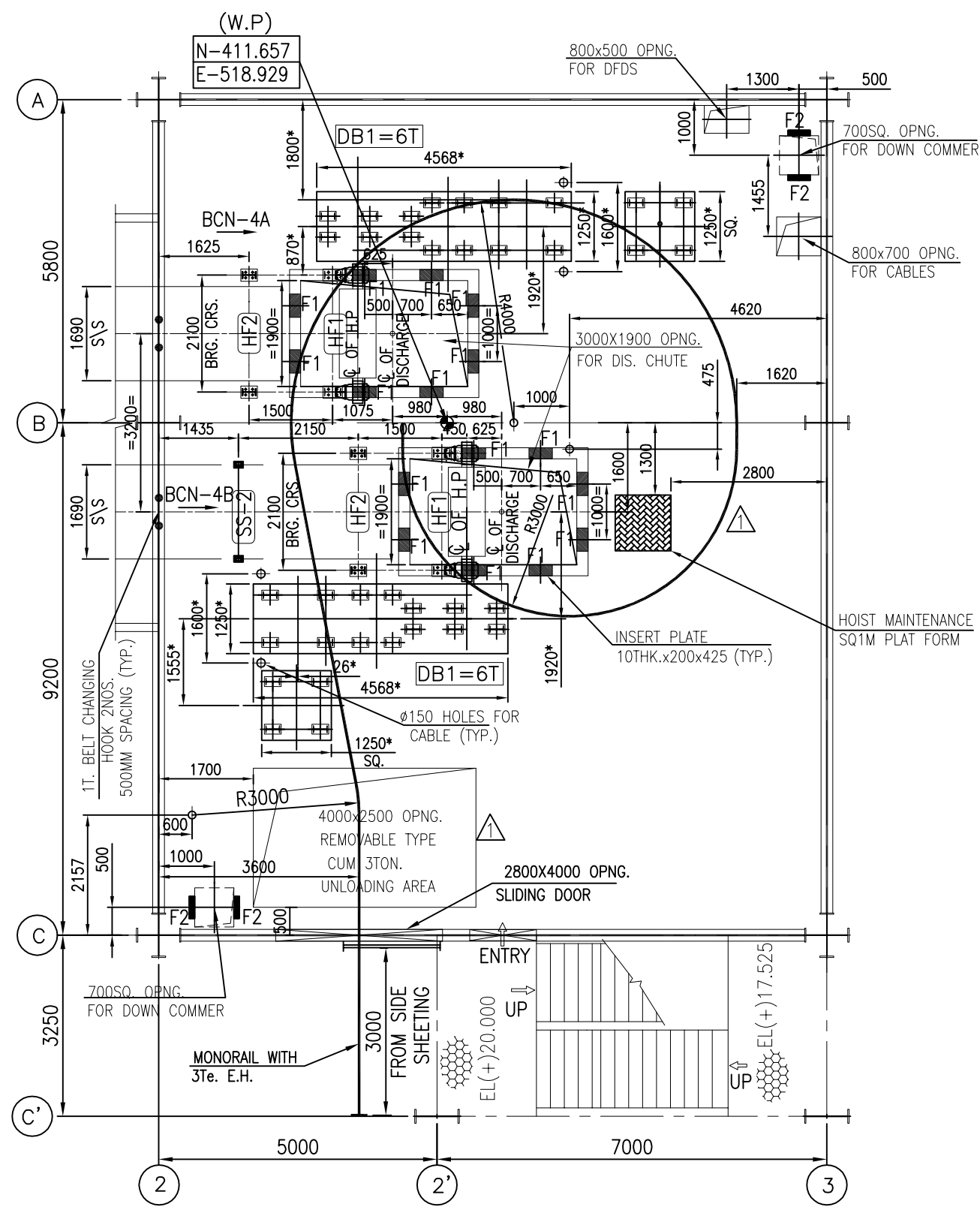
PLAN AT EL(+20.000M (T.O.C)
MACHINERY PLAN



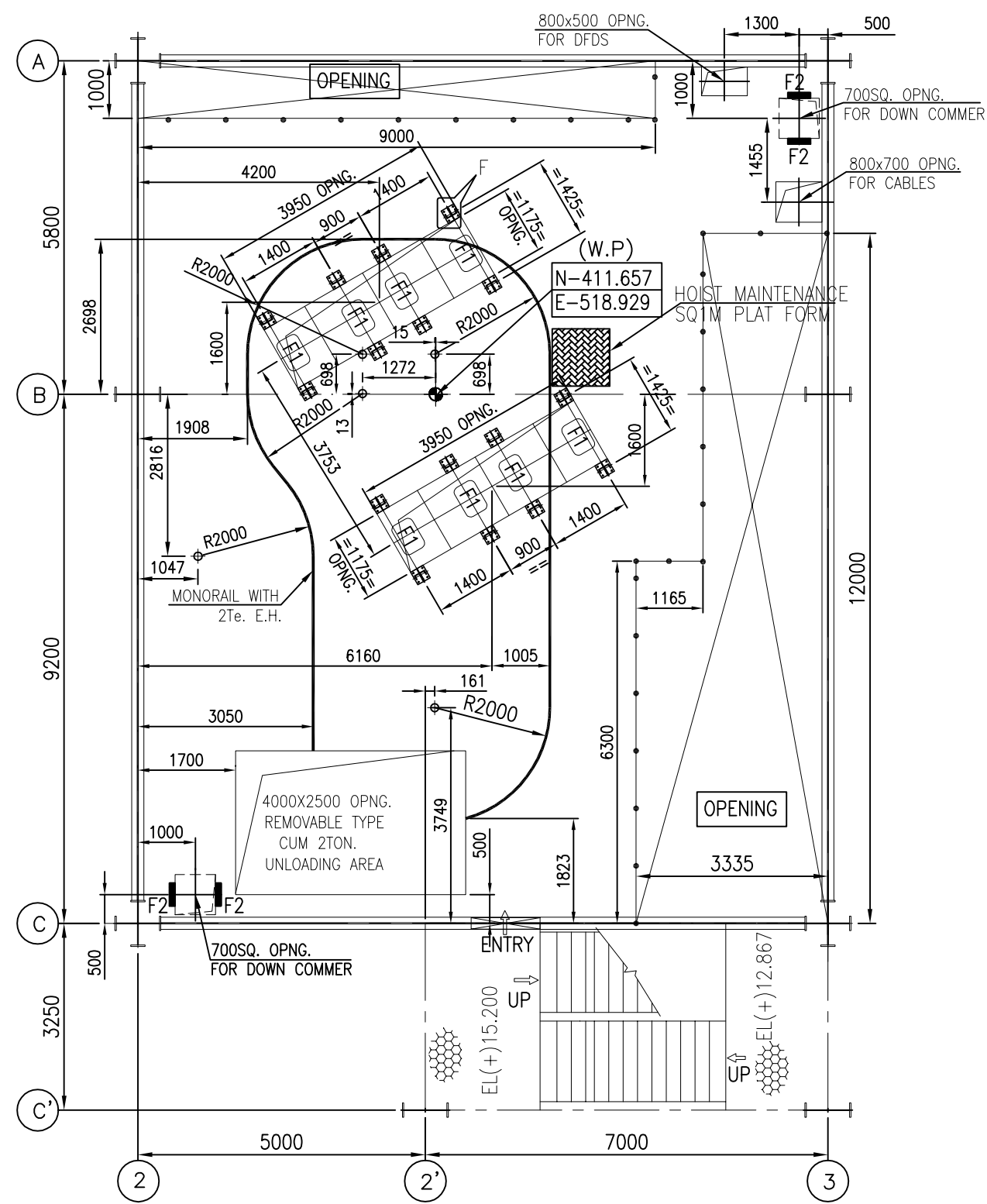
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MACHINERY PLAN



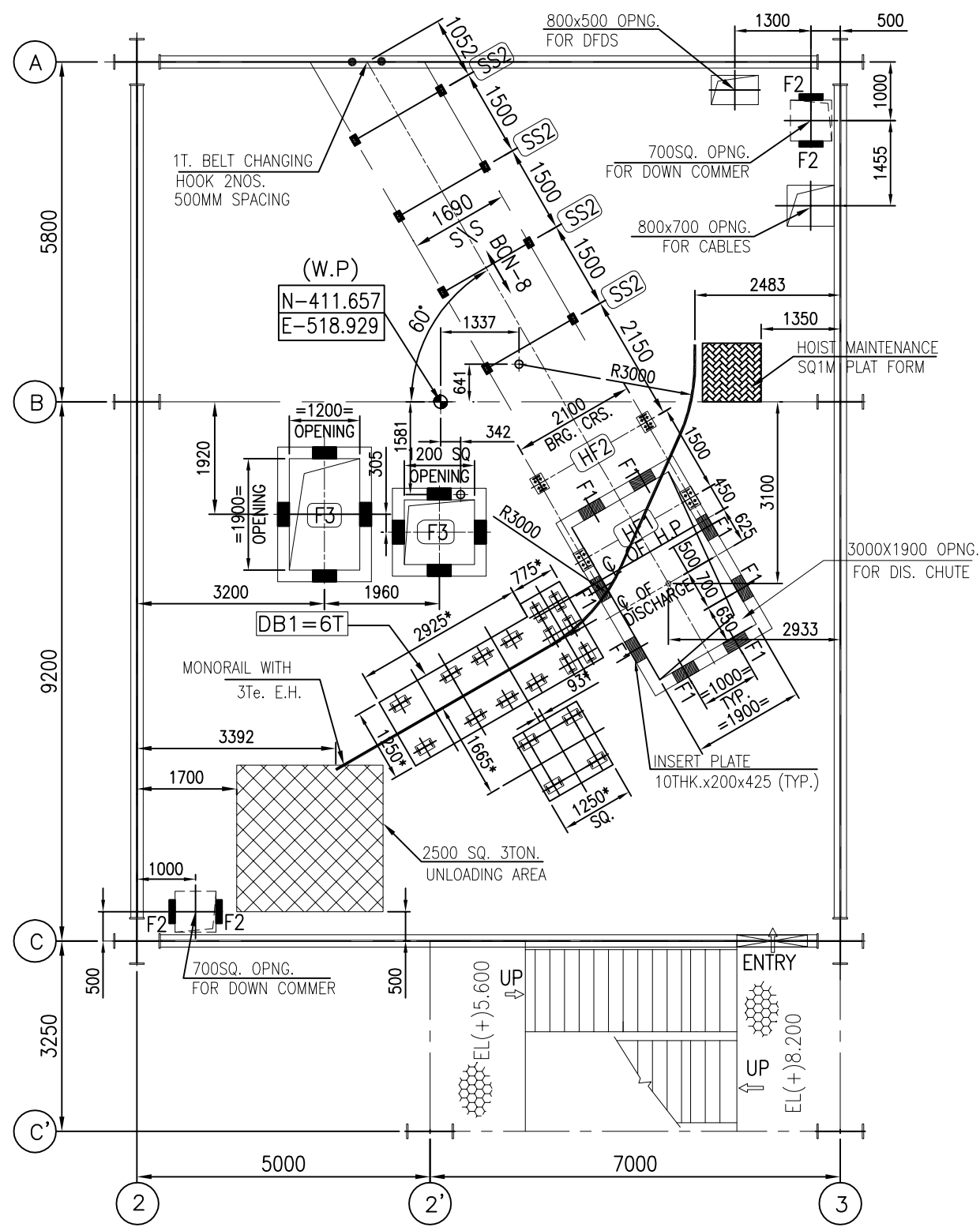
PLAN AT EL(+8.200M (T.O.C)
MACHINERY PLAN



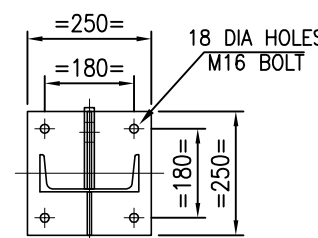
PLAN AT EL(+20.000M (T.O.C)
FOUNDATION PLAN



PLAN AT EL(+15.200M (T.O.S)
FOUNDATION PLAN



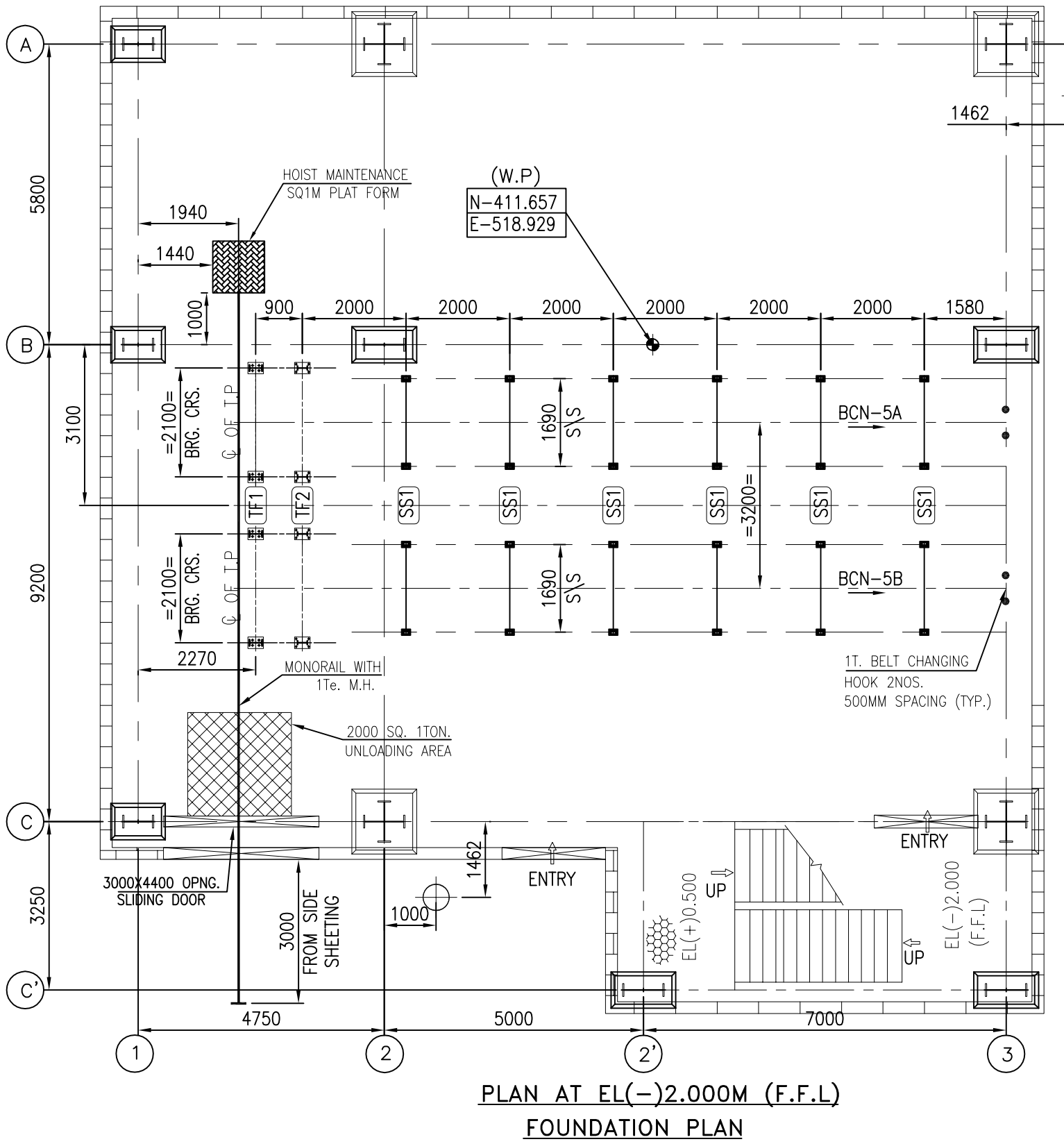
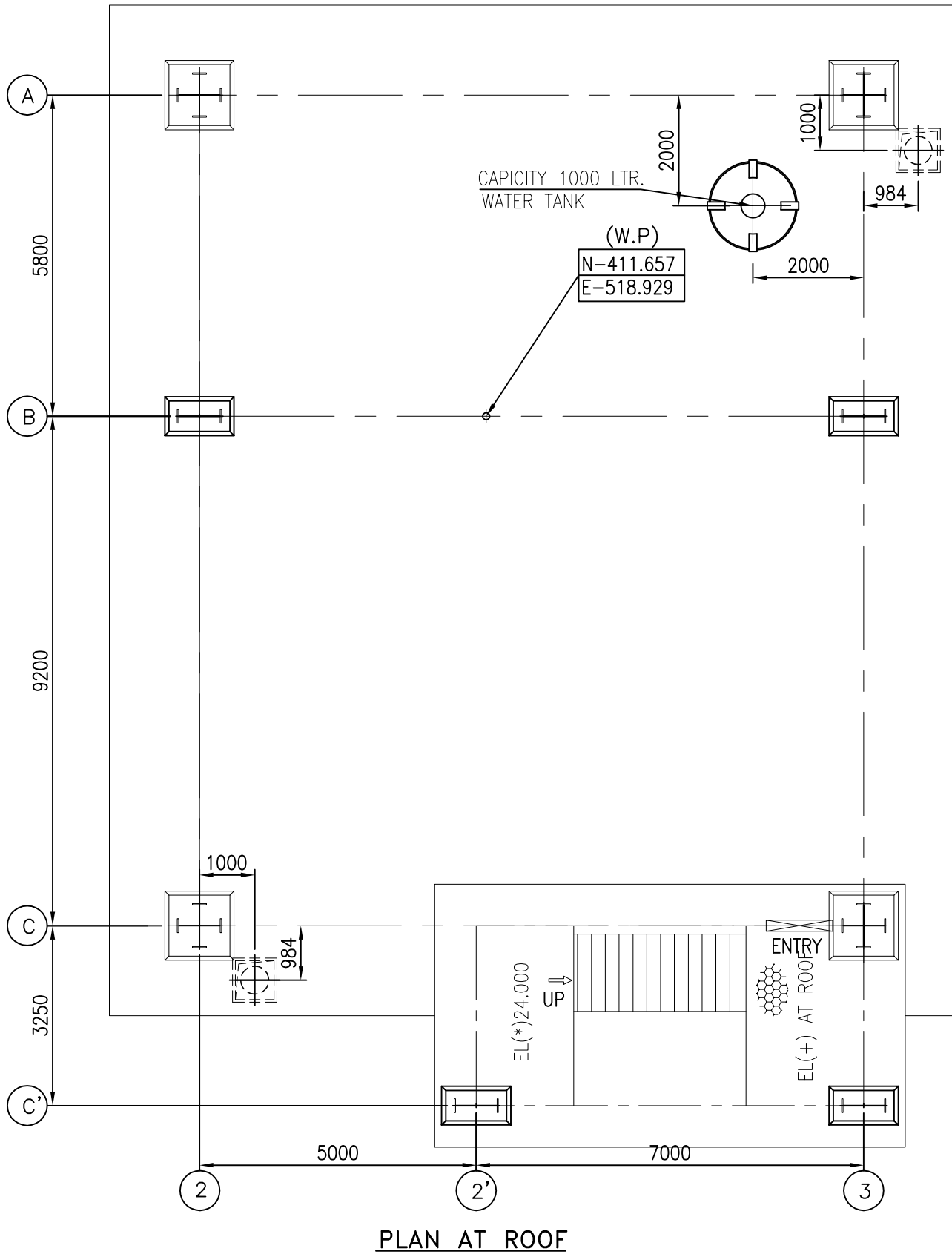
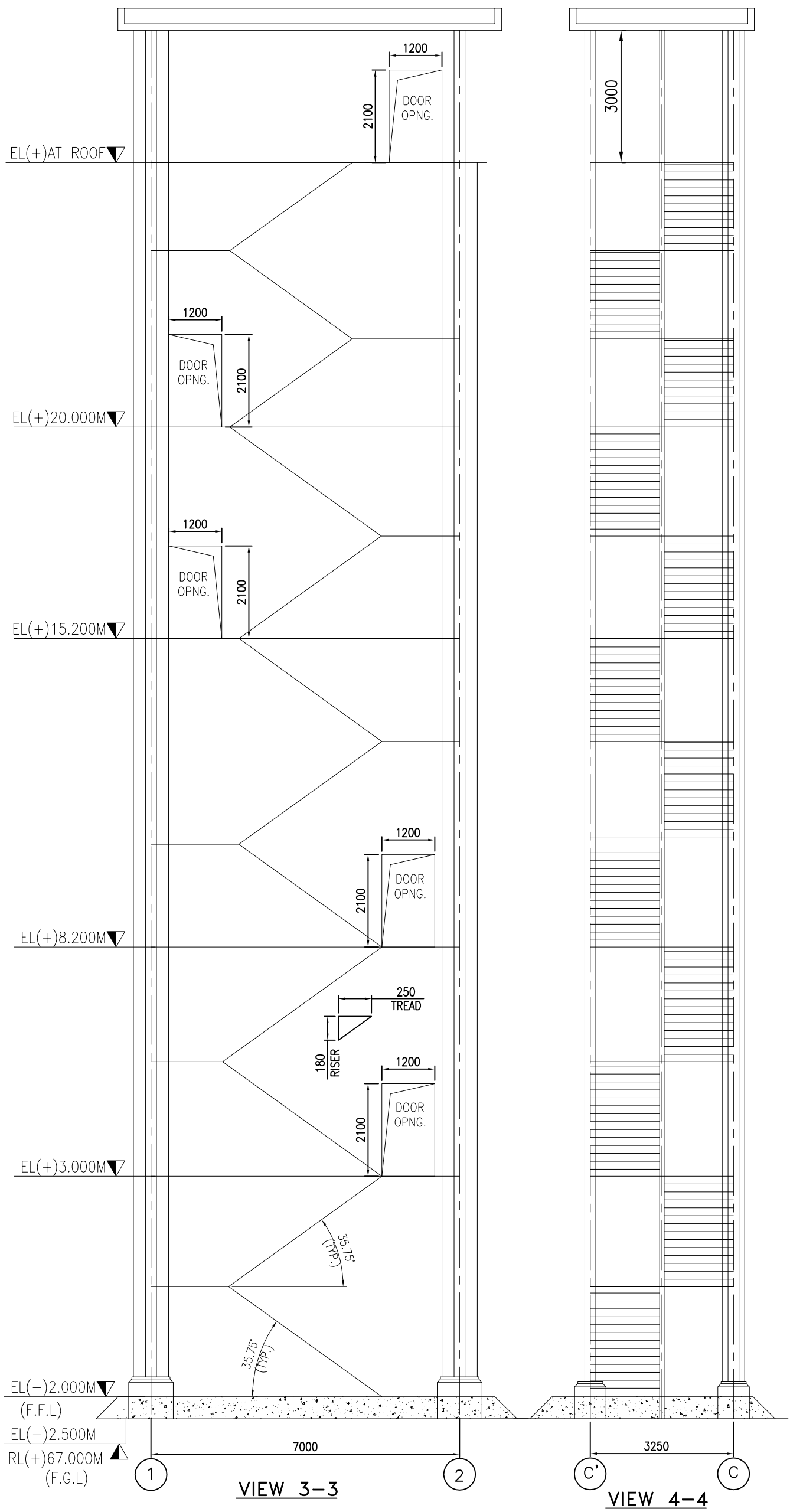
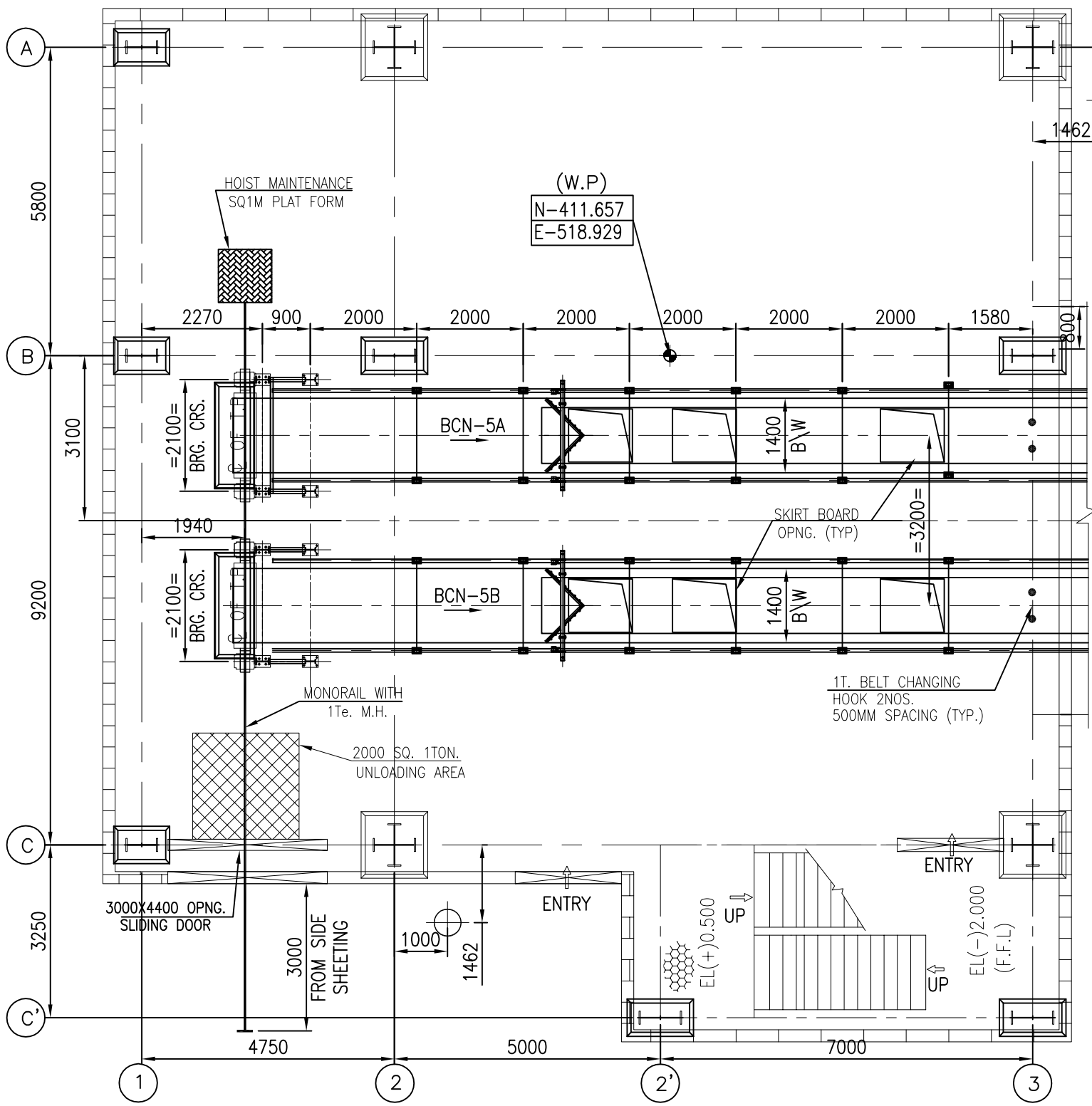
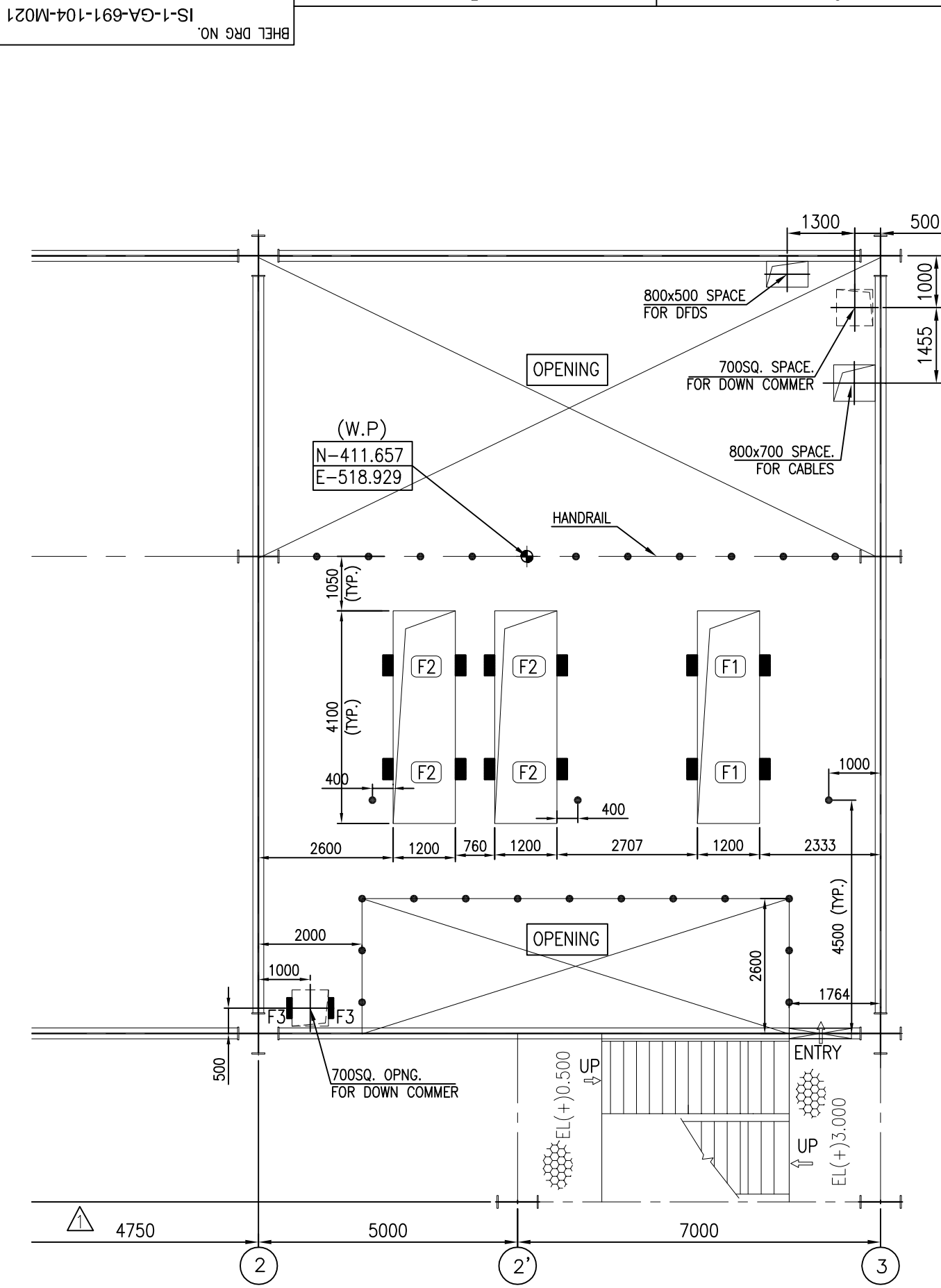
PLAN AT EL(+8.200M (T.O.C)
FOUNDATION PLAN



ENL.G. DTLS. AT 'I'
AT FLOW DIVIDER
REFER SHEET-2 ZONE 5-E

1	20-10-15	REVISED AS PER DESEN COMMENTS DATED 18-7-15	J.S.	M.K.N
R.No:	DATE	BRIEF RECORD	BY	APPD
REVISIONS				

OWNER:	TELANGANA STATE POWER GENERATION CORPORATION LTD. HYDERABAD - TELANGANA, INDIA			
CONSULTANT:	DESEIN PRIVATE LIMITED			
PROJECT:	BHADRADRI THERMAL POWER STATION 4 x 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA			
EPC CONTRACTOR:	BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE			
TITLE:	G.A OF TP-3 WITH LOAD DATA			
SCALE:	BHEL JOB NO. IS-1-14-2007			
	BHEL-ISG IS-1-GA-691-104-M021 DRG.NO.:			
				REV. 01



Project : BHADRADRI POWER 4x270MW TELANGANA
Client : TELANGANA STATE POWER GENERATION CORPORATION LTD.
Consultant : DESEIN PRIVATE LTD.
Contractor : BHARAT HEAVY ELECTRICALS LTD.

COMPLIANCE TO COMMENTS OF DESEIN

ON GA DRAWINGS OF TP-3 R0 SUBMITTED BY BHEL FOR APPROVAL

Ref:	Comments made on GA Drawing prints of TP-3, IS-1-GA-691-104-M021, R0 by DESEIN		
SL NO	DESEIN COMMENTS.	COMPLIANCE / CLARIFICATIONS BY BHEL	REMARKS
	COMMENTS MARKED MEMO		
1	Monorail shall be projected 3 m from the out side sheeting of the transfer tower. Please correct.	Noted & revised.	
2	Please indicate the down comer and tramp iron chute clearance from the ground level.	Indicated	
3	Please include details of 1 ton hook provided at various places in the hoist schedule.	In hoist schedule, only details of hoist will be indicated. However, capacity & location is indicated in resp plan & elevation view & same shall be taken care by our civil in drgs.	
4	DE please check and correct the note 8 in this drawing. Also include the details of service water and drinking water	Noted & revised.	
5	Please confirm the *marked data and delete note 6	Whenever possible revised at this stage. However, it shall be taken care before release of drgs to site for civil work.	
6	Please submit power tension calculations of BCNs coming in the transfer tower along with the GA's.	Already submitted.	
7	Please provide a note that curb wall will be provided around all openings	Noted & revised.	
8	Please provide side cladding details, equipment list along with their loads.	Shall be furnished in respective drgs. of civil / structural drgs.	
9	Please indicate chute vibrators and provide its details.	Indicated	
10	Inspection doors shall be leak proof. Please add	Noted.	
11	Anchor bolt plan may be corrected as foundation plan as not anchor bolt details are shown.	Corrected	
12	Refer machinery and anchor bolt plans: Please indicated the type of floor.	Indicated	
13	Please indicate height of skirt board and projection of skirt board in forward & reverse direction & give dimension.	Indicated	
14	Please confirm monorail routed is passing over CG of equipments to be handled.	Whereever possible to maximum extent, monorail routing has been done.	
15	Openings for debris chute, DS/SW/DW pipes etc to be shown in all floors.	Indicated	
16	Please indicate north orientation in all the drawings.	Indicated	
17	Please indicate all the distances from the working point	Indicated	
18	Water tank shall be provided on a pedestal. Please indicate the same.	Indicated	
19	Please check and correct the angle of T.I in conveyors.	Indicated inline with already conveyor drgs. submitted.	
20	Refer GA of TP-3- Plan at EL(+)3.000M: Roof above the tail end of the conveyor shall be indicated.	Indicated	