



CUSTOMER:

Customer Name: ALINVEST

PROJECT:

Project Code: E2558

Project Name: ALFAGEN

DOCUMENT INFORMATION:



Document Title: Equipment Electrical Arrangement Layout

Customer File Name: - Electrical Rooms

Customer Revision Number: -

Contractor File Name: 2558-0000-GEN-E-DWG-EEAL

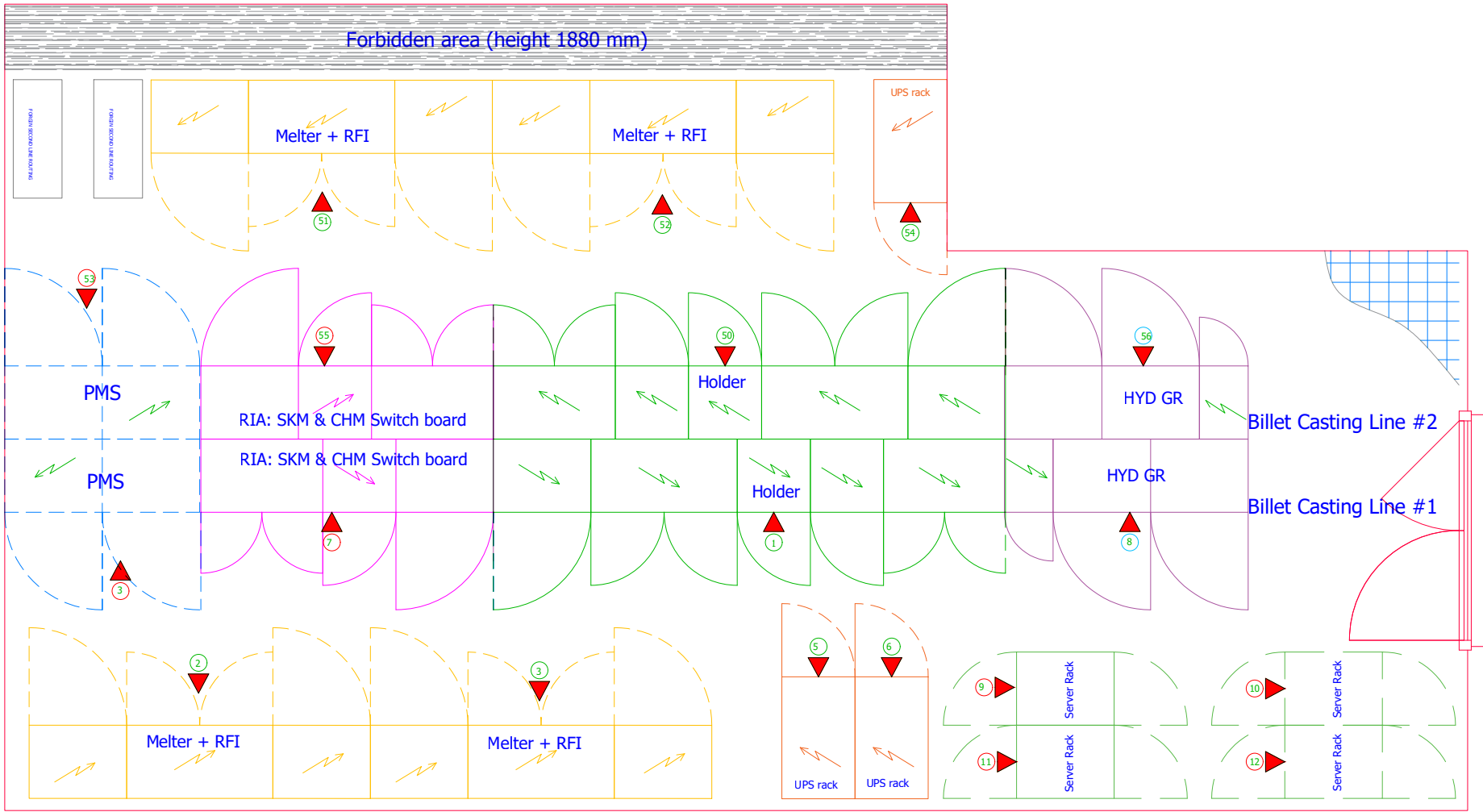
Contractor Revision Number: A


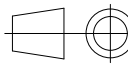
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								2558-0000-GEN-E-DWG-EEAL	A	E2558	ALFAGEN						
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						CLIENT	ALINVEST	CLIENT dwg number	Rev.	Equipment Electrical Arrangement Layout - Electrical Rooms			Scale				
A	02/12/2025	Initial revision		ANSA	ANSA			RORI	-	-	DESIGNED: ANSA		DRAWN: ANSA	APPROVED: RORI	Format		
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A												
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C												
D	BILLET CAST ELECTRICAL ROOM Billet casting lines #01 & #02											
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Item Nbr	Cabinet Name	Description	Temptative dimensions (WxHxD)	Level	
BILLET CAST ELECTRICAL ROOM #01					
1	r40.61 -3311-THD-GEN01-PCP01	3311-THD Power and Control Panel	4200 x 2000 x 600	E-Room	
2	r41.31 -3311-TMT-GEN01-PCP01	3311-TMT Power and Control Panel	2800 x 2000 x 600	E-Room	
3	r41.41 -3312-TMT-GEN01-PCP01	3312-TMT Power and Control Panel	2800 x 2000 x 600	E-Room	
4	r41.62 -3311-HGS-GEN01-PCP01	3311-HGS Power and Control Panel	1600 x 2000 x 600	E-Room	
5	r41.31 -0311-GEN-APU01-PDP01	0311-GEN (UPS) Power Distribution Panel	800 x 2200 x 1000	E-Room	
6	r41.31 -0600-GEN-APU01-PDP01	0600-GEN (Aux UPS) Power Distribution Panel	800 x 2200 x 1000	E-Room	
7	r43.64 -0311-GEN-GEN01-PCP01	0311 SKM & CHM Power and Control Panel (RIA)	2400 x 2000 x 600	E-Room	
8	r41.63 -5511-GEN-GEN01-PCP01	5511 Hydraulic Group Power and Control Panel	2000 x 2000 x 600	E-Room	
9	r41.31 -0611-GEN-GEN01-SER01	Main server rack	800 x 2000 x 600	E-Room	
10	r41.31 -0611-GEN-CVT01-SER02	Camera video system server rack	800 x 2000 x 600	E-Room	
11	r41.31 -0611-GEN-GEN01-SER03	Main server rack (spare)	800 x 2000 x 600	E-Room	
12	r41.31 -0611-GEN-GEN01-SER04	Camera video system server rack (spare)	800 x 2000 x 600	E-Room	

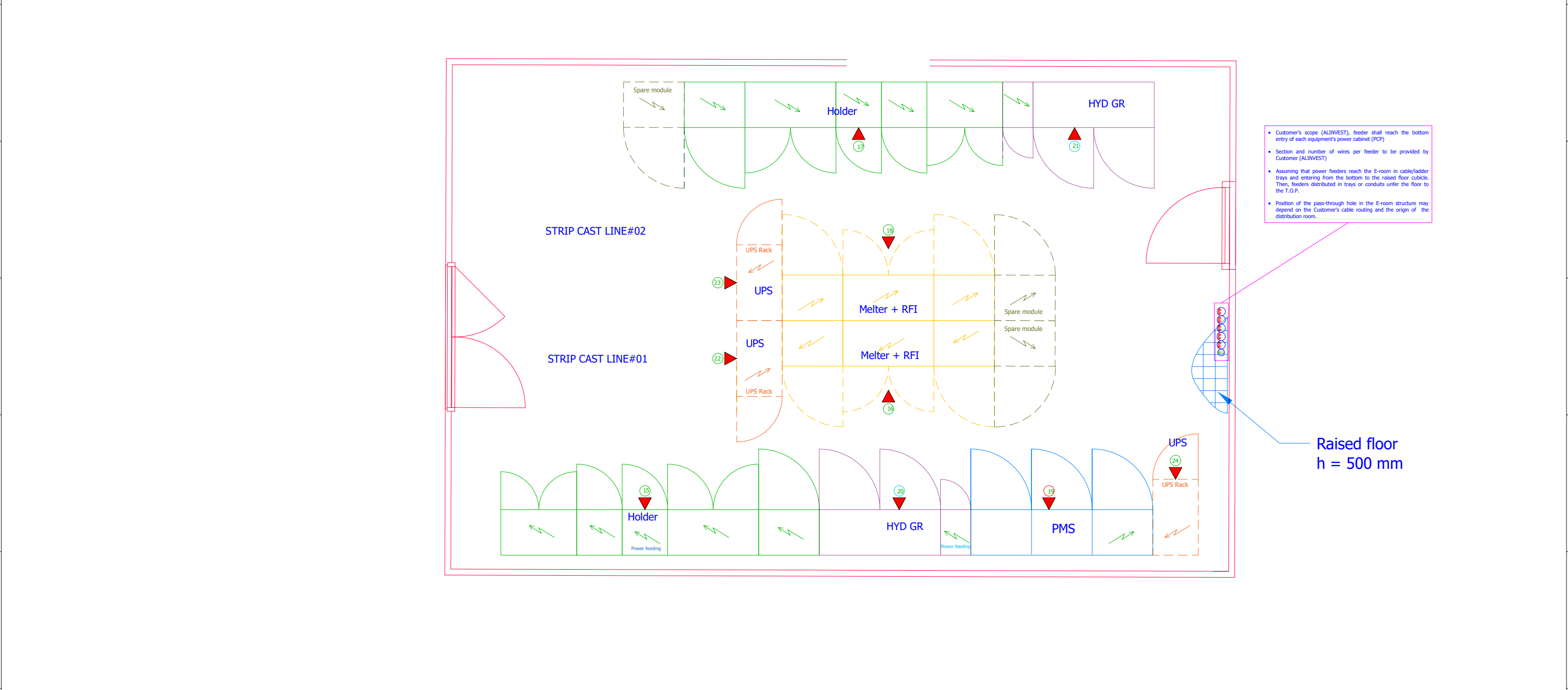
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Item Nbr	Cabinet Name	Description	Temptative dimensions (WxHxD)	Level	
BILLET CAST ELECTRICAL ROOM #01					
50	rx.x.x -3331-THD-GEN01-PCP01	3331-THD Power and Control Panel	4200 x 2000 x 600	E-Room	
51	rx.x.x -3331-TMT-GEN01-PCP01	3331-TMT Power and Control Panel	2800 x 2000 x 600	E-Room	
52	rx.x.x -3332-TMT-GEN01-PCP01	3332-TMT Power and Control Panel	2800 x 2000 x 600	E-Room	
53	rx.x.x -3331-HGS-GEN01-PCP01	3331-HGS Power and Control Panel	1600 x 2000 x 600	E-Room	
54	rx.x.x -0331-GEN-APU01-PDP01	0331-GEN (UPS) Power Distribution Panel	800 x 2200 x 1000	E-Room	
55	rx.x.x -0331-GEN-GEN01-PCP01	0331 SKM & CHM Power and Control Panel (RIA)	2400 x 2000 x 600	E-Room	
56	rx.x.x -5531-GEN-GEN01-PCP01	5531 Hydraulic Group Power and Control Panel	2000 x 2000 x 600	E-Room	





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D	STRIP CAST ELECTRICAL ROOM Continuous casting lines #01 & #02											
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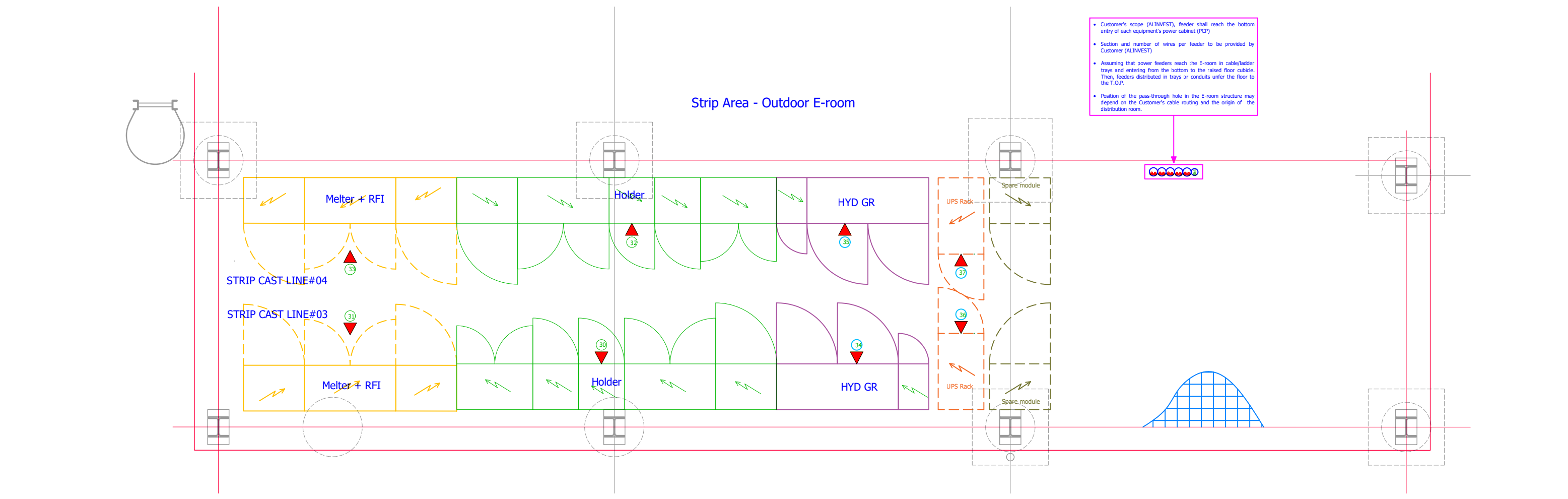
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Item Nbr	Cabinet Name	Description	Temptative dimensions (WxHxD)	Level							
STRIP CAST ELECTRICAL ROOM #01											
15	r43.41 -3321-THD-GEN01-PCP01	3321-THD Power and Control Panel	4200 x 2000 x 600	E-Room							
16	r43.31 -3321-TMT-GEN01-PCP01	3321-TMT Power and Control Panel	2800 x 2000 x 600	E-Room							
17	r44.41 -3322-THD-GEN01-PCP01	3322-THD Power and Control Panel	4200 x 2000 x 600	E-Room							
18	r44.31 -3322-TMT-GEN01-PCP01	3322-TMT Power and Control Panel	2800 x 2000 x 600	E-Room							
19	r43.62 -3321-HGS-GEN01-PCP01	3321-HGS Power and Control Panel	2400 x 2000 x 600	E-Room							
20	r43.61 -5521-GEN-GEN01-PCP01	5521 Hydraulic Group Power and Control Panel	2000 x 2000 x 600	E-Room							
21	r44.61 -5522-GEN-GEN01-PCP01	5522 Hydraulic Group Power and Control Panel	2000 x 2000 x 600	E-Room							
22	r43.31 -0321-GEN-APU01-PDP01	0321-GEN (UPS) Power Distribution Panel	800 x 2200 x 1000	E-Room							
23	r44.31 -0322-GEN-APU01-PDP01	0322-GEN (UPS) Power Distribution Panel	800 x 2200 x 1000	E-Room							
24	r41.62 -3321-HGS-APU01-PDP01	3321-HGS (UPS) Power Distribution Panel	800 x 2200 x 1000	E-Room							






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A												
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C												
D	STRIP CAST ELECTRICAL ROOM Continuous casting lines #03 & #04											
E												
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Item Nbr	Cabinet Name	Description	Temptative dimensions (WxHxD)	Level
STRIP CAST ELECTRICAL ROOM #02				
30	r45.41 -3323-THD-GEN01-PCP01	3323-THD Power and Control Panel	4200 x 2000 x 600	E-Room
31	r45.31 -3323-TMT-GEN01-PCP01	3323-TMT Power and Control Panel	2800 x 2000 x 600	E-Room
32	r46.41 -3324-THD-GEN01-PCP01	3324-THD Power and Control Panel	4200 x 2000 x 600	E-Room
33	r46.31 -3324-TMT-GEN01-PCP01	3324-TMT Power and Control Panel	2800 x 2000 x 600	E-Room
34	r45.61 -5523-GEN-GEN01-PCP01	5523 Hydraulic Group Power and Control Panel	2000 x 2000 x 600	E-Room
35	r46.61 -5524-GEN-GEN01-PCP01	5524 Hydraulic Group Power and Control Panel	2000 x 2000 x 600	E-Room
36	r45.31 -0323-GEN-APU01-PDP01	0323-GEN (UPS) Power Distribution Panel	800 x 2200 x 1000	E-Room
37	r46.31 -0324-GEN-APU01-PDP01	0324-GEN (UPS) Power Distribution Panel	800 x 2200 x 1000	E-Room



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