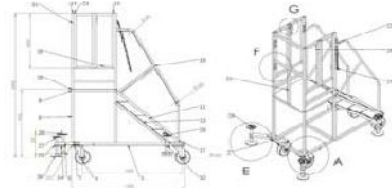
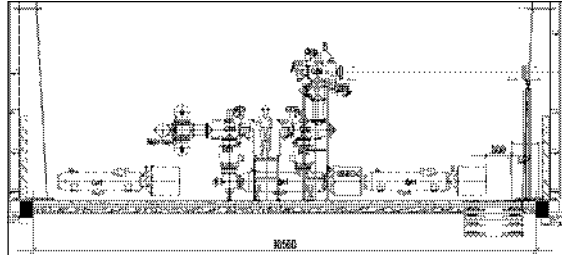
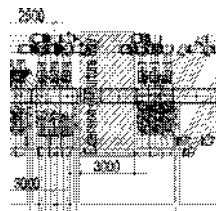
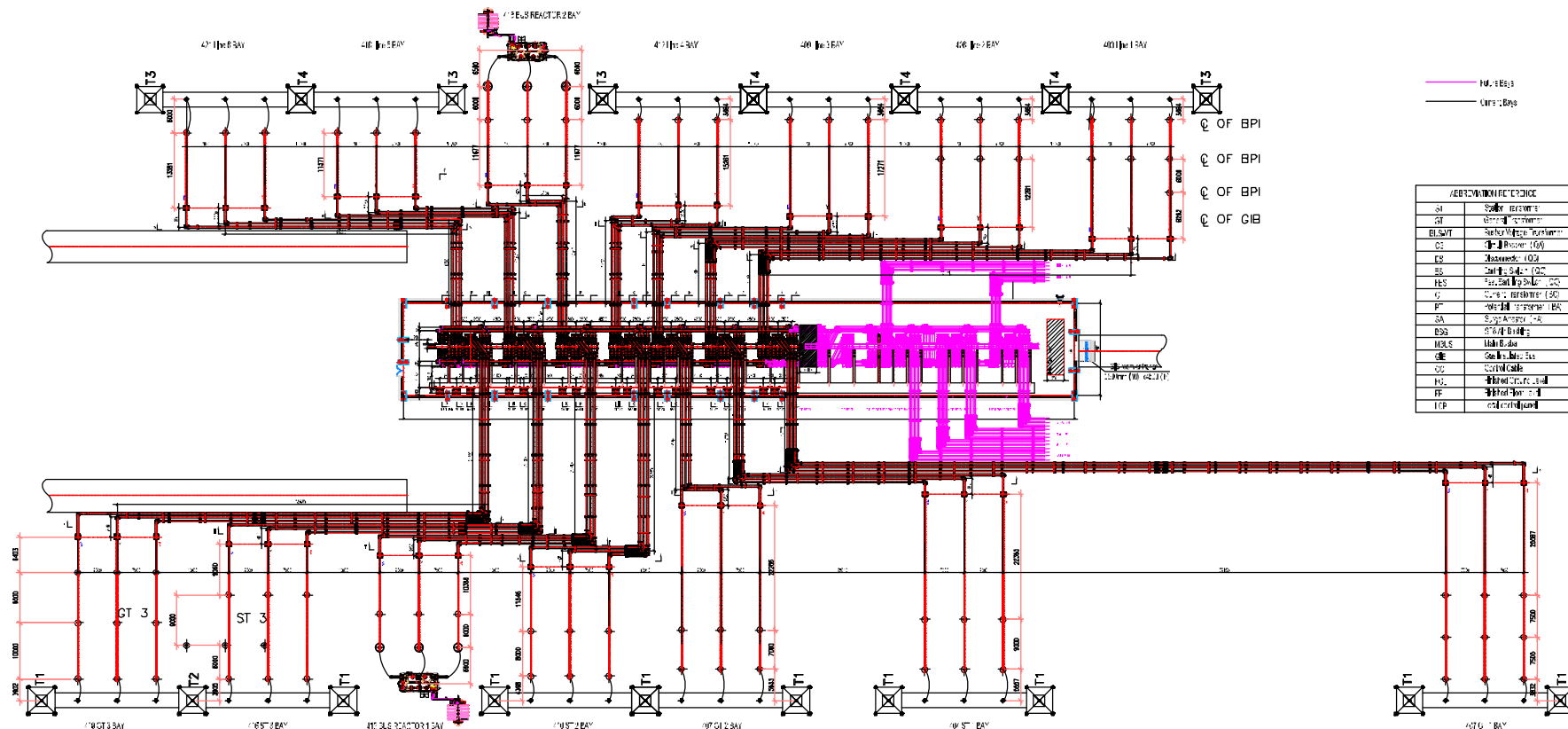
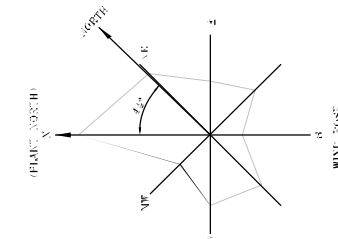
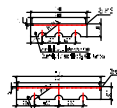
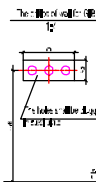


COMMENT RESOLUTION SHEET			
DRG / DOC TITLE		GIS Layout - Plan View	
NTPC DRG / DOC NO.		9585-001-572-PVE-F-0283	
Revision		0	
Reviewed By		NTPC	
Review Date / Location		29-01-2019 / NTPCEOC	
400kV GIS Switchyard			
SR. No.	Page No. / Clause No. / Sheet No.	NTPC Observations / Comments	Vendor Reply
1	Sheet 1	pls chk the bay sequencing as per SLD	We have revised Layout drawings according to the approved Single Line Diagram Swithyard.
2	Sheet 1	check the sectional clearance for all such location	We confirm section clearance of 6500mm is being met in the revised drawings.
3	Sheet 1	provide access platform for CT/CVT/disconnector/es etc	We could provide 2 sets of the walkways(as follow) and 2 sets of step-ladders: 
4	Sheet 1	show the outline of GIS and also mark the support structure	All the location of support structure would be shown on Plan & Section View
5	Sheet 1	provide walkway around the GIS building for approach if GIS bus duct	As per road layout.
6	Sheet 1	bus connection arrangement to be as per SLD	Noted.
7	Sheet 1	LA and VT bay to be at the end of the bay as per SLD	We have revised Layout drawings according to the approved Single Line Diagram Swithyard.
8	Sheet 1	pls arrange technical discussion with sieyuan before resubmission	Meeting was held on 06032019.
9	Sheet 1	provide the space provision for the breaker removal	As per discussion, we add 1 meter space both side, which is totally enough for the breaker removal (shown on following picture). 
10	Sheet 1	provide the space for future extension provision	As per discussion, we add 3 meters space for future extension provision 
11	Sheet 1	pls chk adequacy of cable trench	We confirm.
12	Sheet 1	equipment connection to be ensures as per the SLD	We confirm.
13	Sheet 1	provide trench for future are also	We add the details of cable trench for future bays. Please check
14	Sheet 1	subject to NTPC QA approval	Noted.

Digitally signed  
by R K Nirajan  
DN: cn=R K  
Nirajan, o=IN,  
o=NTPC,  
ou=PTU/NL,  
Postal,  
email=nikiranj@  
ntpc.co.in  
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**Notes**

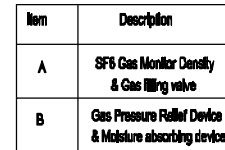
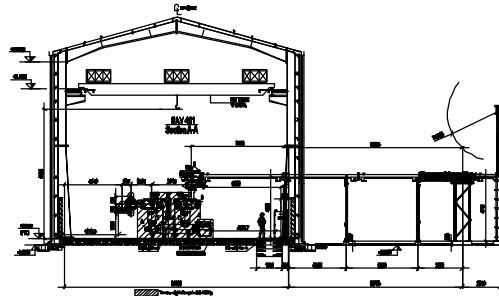
1. The authors thank Bill Kunkel, Charles Smith, and Scott Smith for their helpful comments. We also thank the referees for their helpful comments. The views expressed here are those of the authors and not necessarily those of the Federal Reserve Bank of Atlanta.
2. The data are available from the FRED database at <http://www.fred.stlouisfed.org>.
3. The data are available from the FRED database at <http://www.fred.stlouisfed.org>.
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$\chi_p$	$\chi_p = \frac{I_{D+G}}{I_{D+G} + I_{G+2D} + I_{D+2G}}$	$\chi_p = \frac{I_{D+G}}{I_{D+G} + I_{G+2D} + I_{D+2G}}$
3	958.5, 1011.57, 1305.6, 1329.5	Dimensions of GIS

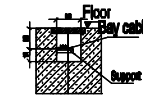
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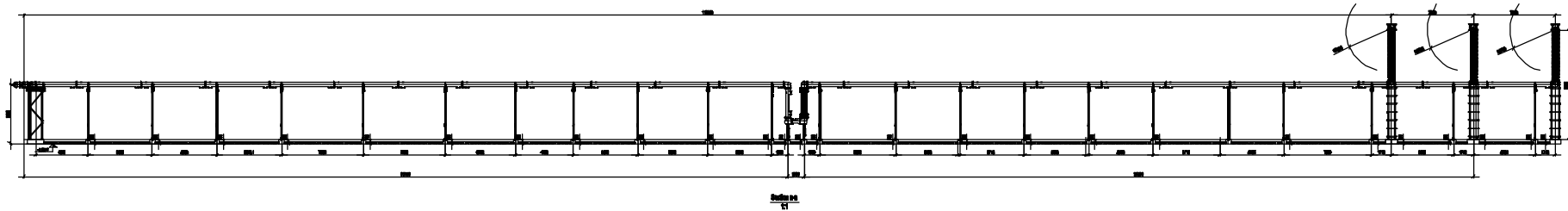
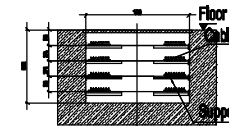
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Bay cable trench from bay to LCC  
1:3



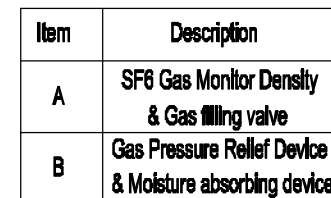
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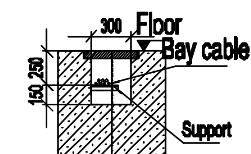
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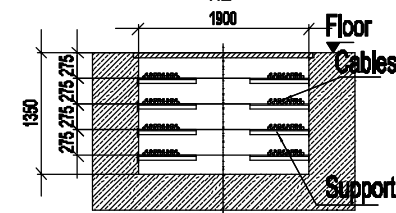
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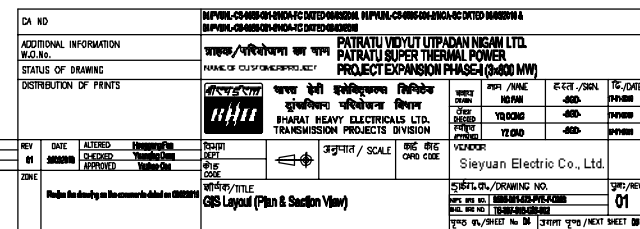
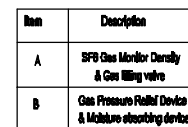
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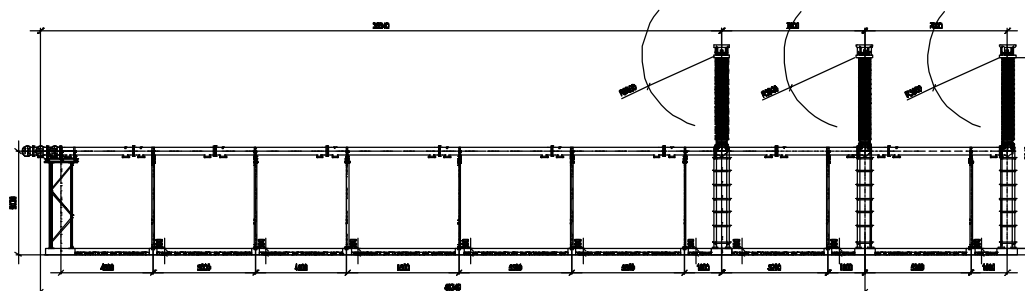
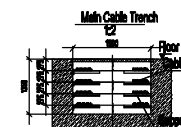
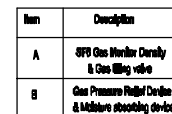
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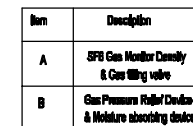


Section d-d

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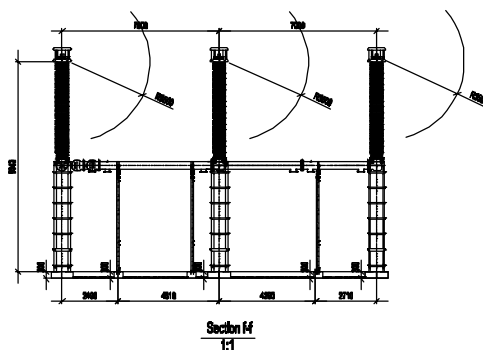
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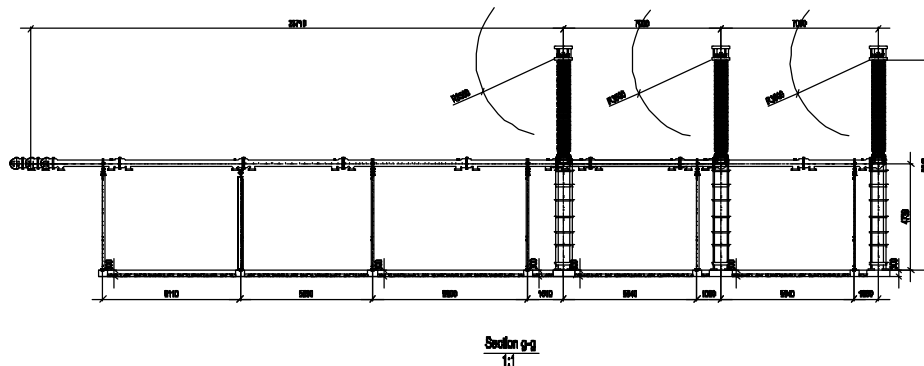
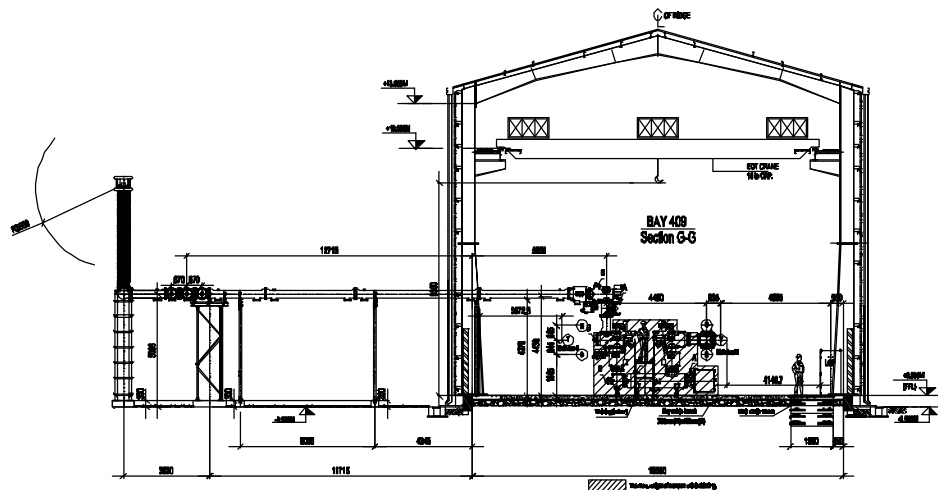
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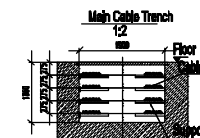
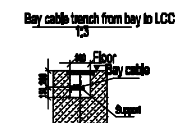
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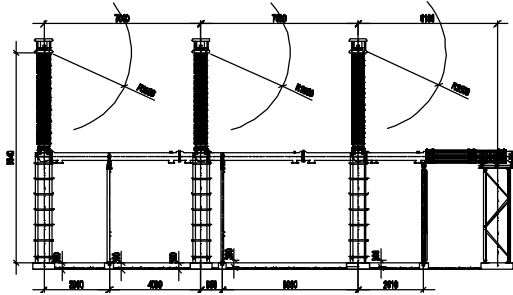
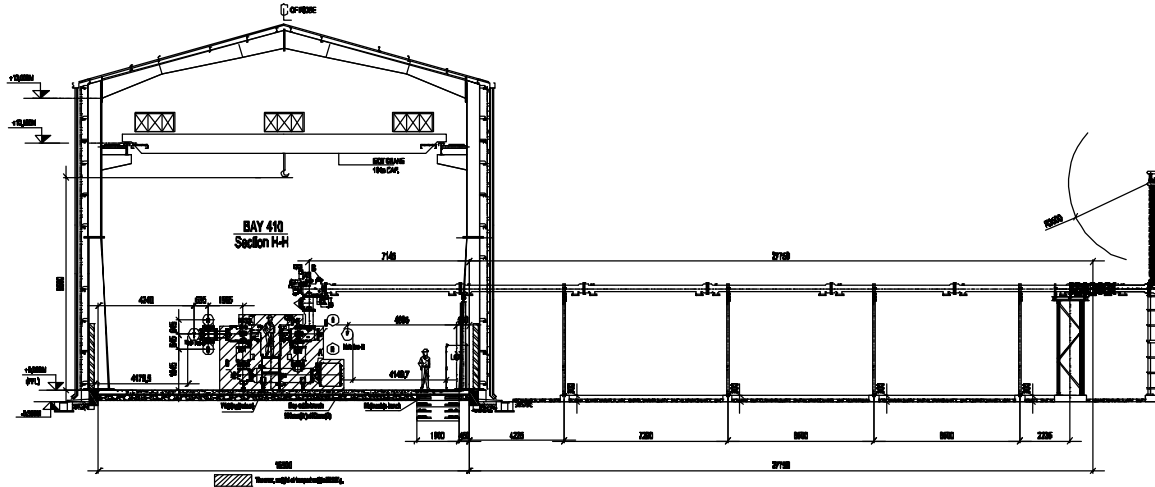
Item	Description
A	SFB Gas Monitor Density & Gas filling valve
B	Gas Pressure Relief Device & Moisture absorbing device



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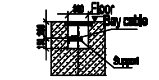
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STATUS OF DRAWING		PROJECT EXPANSION PHASE-3 (3400 MW)																																								
DISTRIBUTION OF PENTS		<div><div></div><div>काच पेनी इलेक्ट्रिकल डिपार्टमेंट सुपर थर्मल पावर निगम BPMAR HEAVY ELECTRICALS LTD. TRANSMISSION PROJECT DIVISION</div></div> <table><tr><th>पन्ना / PAGE</th><th>हस्ता / SEAL</th><th>दिनांक / DATE</th></tr><tr><td>01</td><td>400</td><td>08/08/2018</td></tr><tr><td>02</td><td>400</td><td>08/08/2018</td></tr><tr><td>03</td><td>400</td><td>08/08/2018</td></tr><tr><td>04</td><td>400</td><td>08/08/2018</td></tr><tr><td>05</td><td>400</td><td>08/08/2018</td></tr><tr><td>06</td><td>400</td><td>08/08/2018</td></tr><tr><td>07</td><td>400</td><td>08/08/2018</td></tr><tr><td>08</td><td>400</td><td>08/08/2018</td></tr><tr><td>09</td><td>400</td><td>08/08/2018</td></tr><tr><td>10</td><td>400</td><td>08/08/2018</td></tr><tr><td>11</td><td>400</td><td>08/08/2018</td></tr><tr><td>12</td><td>400</td><td>08/08/2018</td></tr></table>		पन्ना / PAGE	हस्ता / SEAL	दिनांक / DATE	01	400	08/08/2018	02	400	08/08/2018	03	400	08/08/2018	04	400	08/08/2018	05	400	08/08/2018	06	400	08/08/2018	07	400	08/08/2018	08	400	08/08/2018	09	400	08/08/2018	10	400	08/08/2018	11	400	08/08/2018	12	400	08/08/2018
पन्ना / PAGE	हस्ता / SEAL	दिनांक / DATE																																								
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Project has already been approved as noted on 08/08/2018		<div><div>सुपर थर्मल पावर निगम लि. TRANSMISSION PROJECT DIVISION</div><div>01</div></div>																																								

DRAWING No. 8585-001-672PVE-F-0283

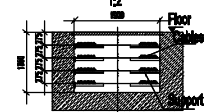
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Item	Description
A	SFB Gas Monitor Density & Gas filling valve
B	Gas Pressure Relief Device & Module absorbing device

Bay cable trench from bay to LCC

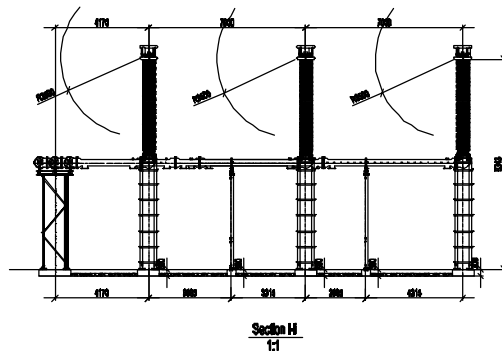
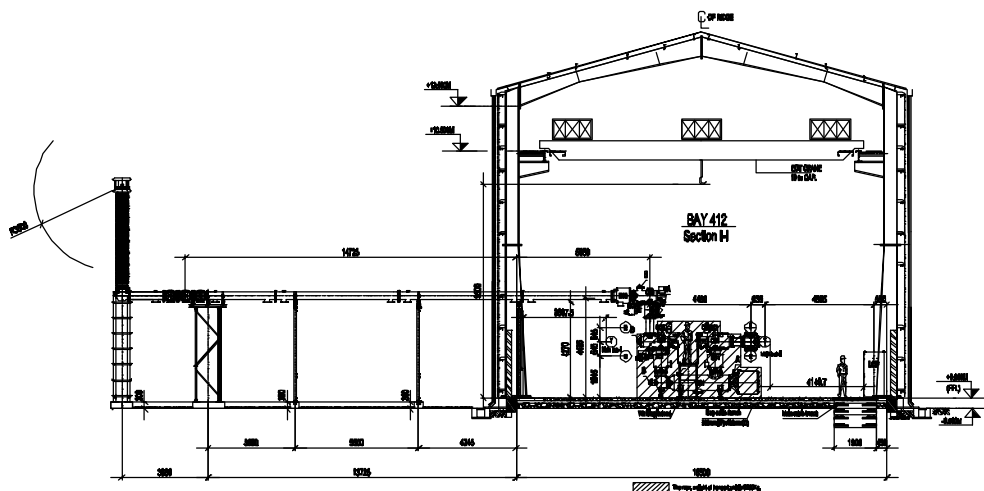


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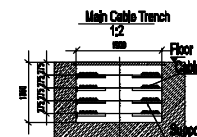
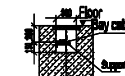
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STATUS OF DRAWING		NAME OF CLIENT/ENGINEER/DESIGNER	
DISTRIBUTION OF PRINTS		REVISIONS	
REV	DATE	ALTERED	BY
01	08/08/2018	DESIGNED	Yashwanth
		CHECKED	Yashwanth
		APPROVED	Yashwanth
ZONE		PROJECT / TITLE	
		GIS Layout (Plan & Section View)	
		SIEYUAN ELECTRIC CO., LTD.	
		01	
		3rd REV / NEXT SHEET	

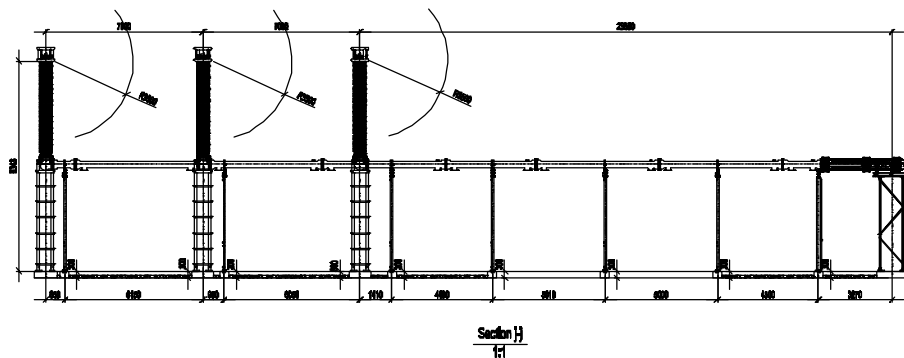
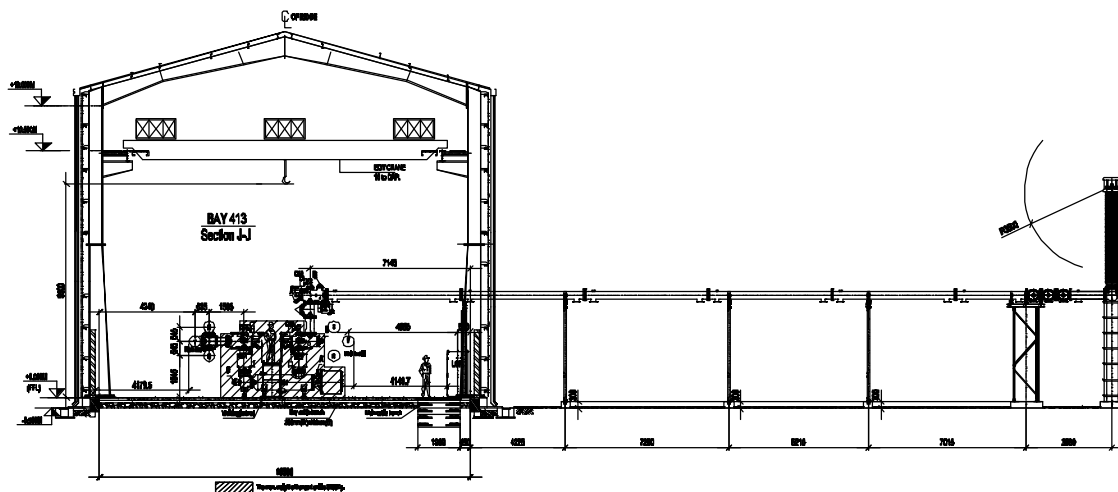
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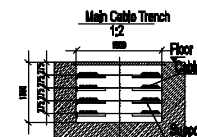
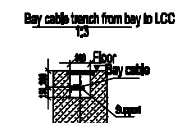
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B	Gas Pressure Relief Device & Moisture absorbing device

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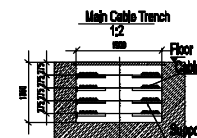
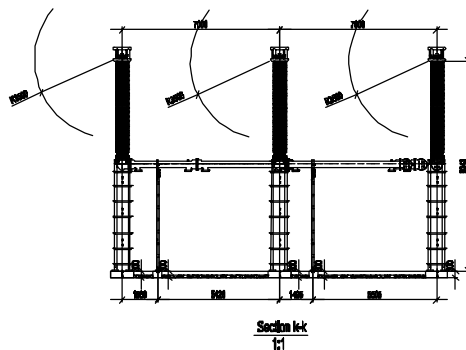
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Item	Description
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B	Gas Pressure Relief Device & Moisture absorbing device

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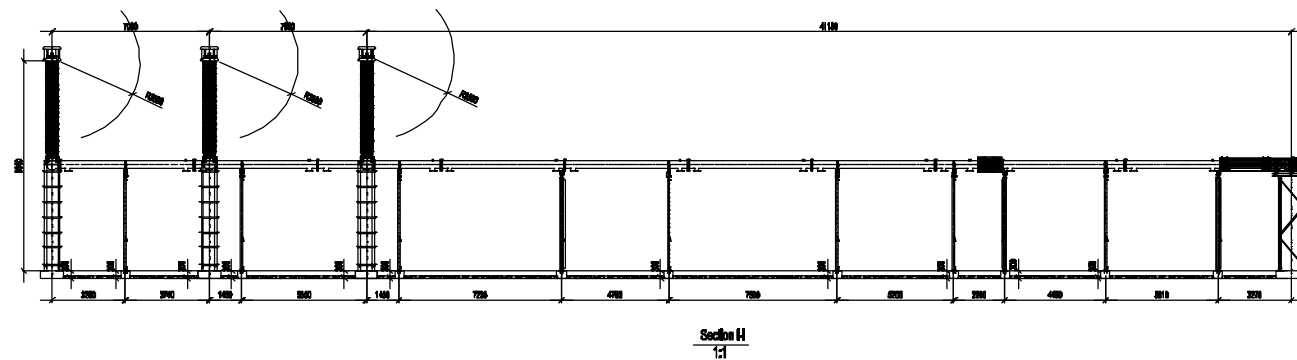
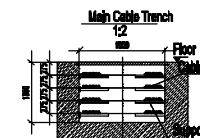
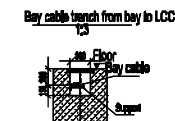
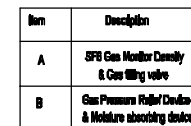
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ZONE Region has already been incorporated into the DESIGN		जलान्त / SCALE 1:1000 12 GAO 400- 1979-09-09			
SHEET NO./DRAWING NO. 01		Sreyang Electric Co., Ltd.			

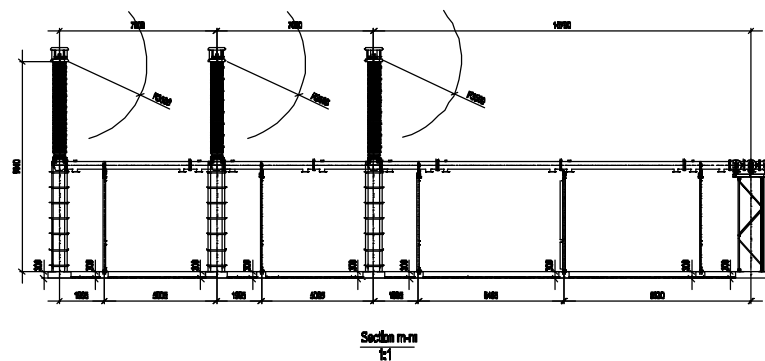
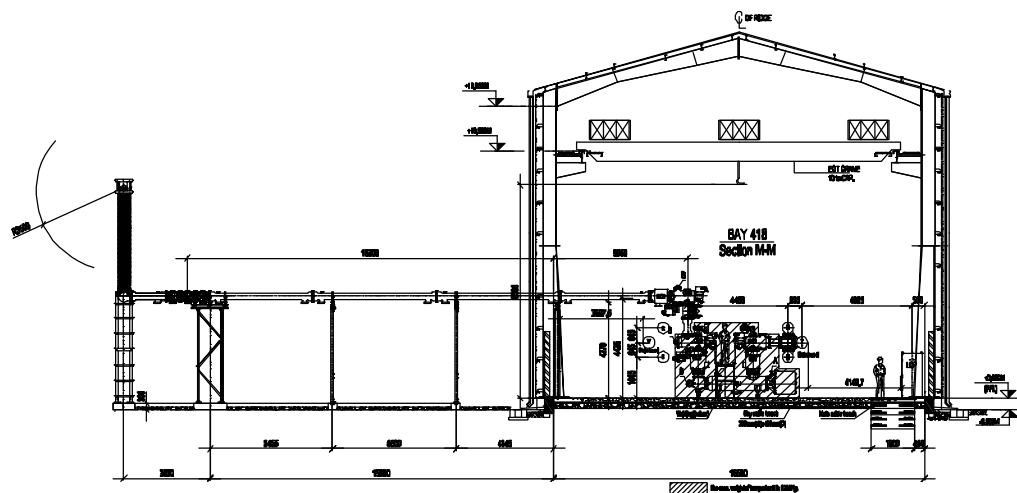
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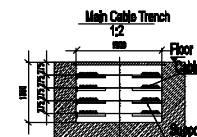
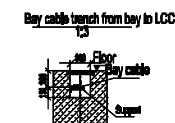
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ZONE			ZONE			ZONE			ZONE			ZONE			ZONE								
12			11			10			9			8			7			6			5		

[illegible]

INVENTORY No.	SIGN. & DATE	REF. DRG. No.
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Item	Description
A	SFB Gas Monitor Density & Gas filling valve
B	Gas Pressure Relief Device & Moisture absorbing device

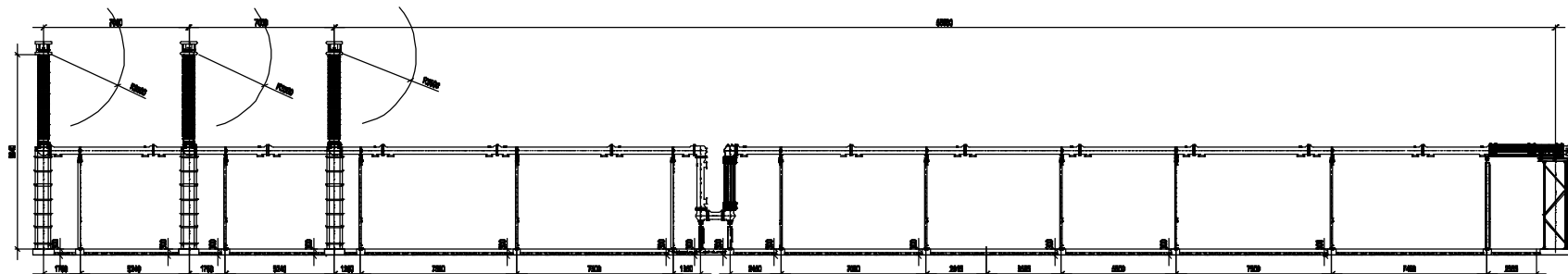
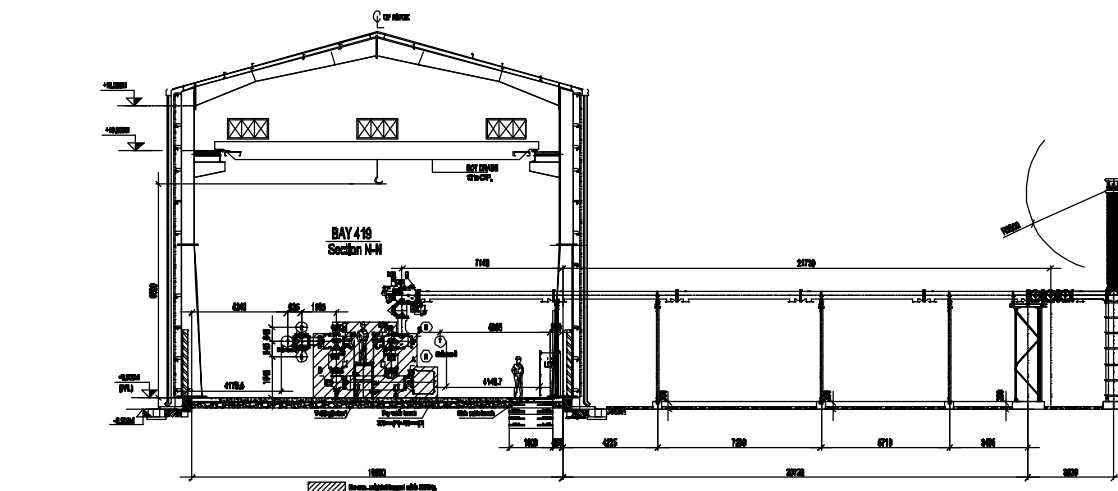
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COMPUTER DRC PATH NAME -

REF. DRG. No.

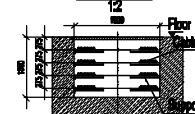
SIGN. &amp; DATE

INVENTORY No. \_\_\_\_\_



**Section n-n**  
**1:1**

Item	Description
A	SFB Gas Monitor Density & Gas filling valve
B	Gas Pressure Relief Device & Moisture absorbing device

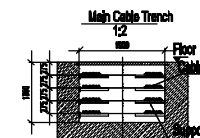
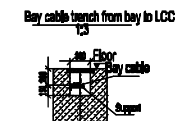
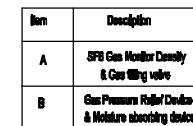


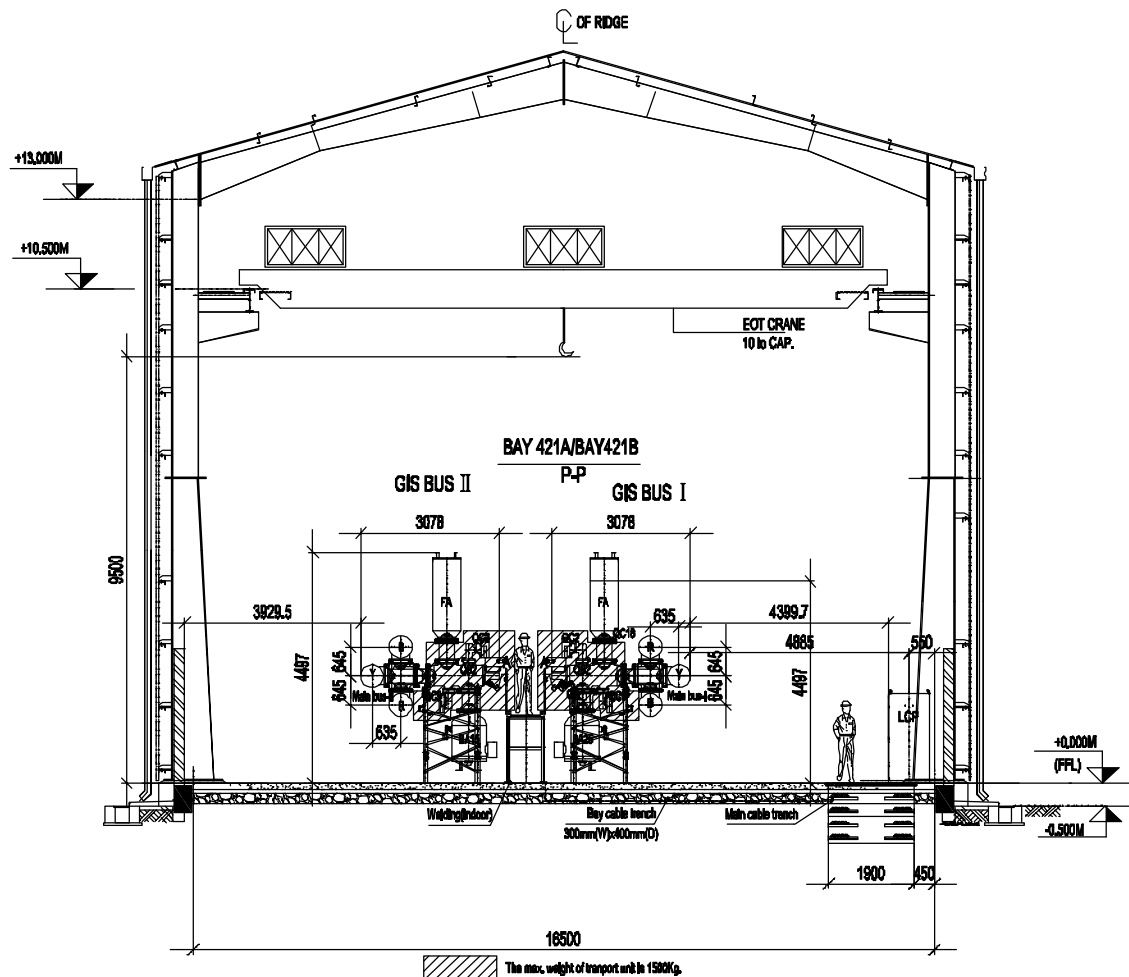
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		APPROVED				APPROVED				APPROVED				APPROVED				APPROVED				APPROVED	
ZONE				ZONE				ZONE				ZONE				ZONE				ZONE			
12			11			10			9			8			7			6			5		

[illegible]

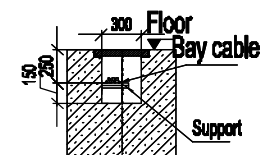
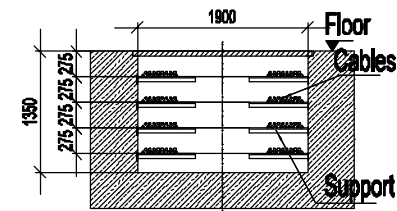


INVENTORY No. \_\_\_\_\_

[illegible][illegible]



Item	Description
A	SF6 Gas Monitor Density & Gas filling valve
B	Gas Pressure Relief Device & Moisture absorbing device

Bay cable trench from bay to LCC  
1:3Main Cable Trench  
1:2

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED
01	2008/01/01	DESIGNED	02	2008/01/01	CHECKED	03	2008/01/01	APPROVED	04	2008/01/01	DESIGNED	05	2008/01/01	CHECKED	06	2008/01/01	APPROVED	07	2008/01/01	DESIGNED
08	2008/01/01	APPROVED	09	2008/01/01	DESIGNED	10	2008/01/01	CHECKED	11	2008/01/01	APPROVED	12	2008/01/01	DESIGNED	13	2008/01/01	CHECKED	14	2008/01/01	APPROVED

CA NO	9585-001-572-PV-EF-0283	REVISION/NO.	01
ADDITIONAL INFORMATION	PATRATU VIOUYUT UTPADAN NIGAM LTD. PATRATU SUPER THERMAL POWER PROJECT EXPANSION PHASE-1 (3x400 MW)		
STATUS OF PRINTS	DISTRIBUTION OF PRINTS		
REV.	DATE	ALTERED	REVISION/NO.
01	2008/01/01	DESIGNED	01
02	2008/01/01	CHECKED	02
03	2008/01/01	APPROVED	03
04	2008/01/01	DESIGNED	04
05	2008/01/01	CHECKED	05
06	2008/01/01	APPROVED	06
07	2008/01/01	DESIGNED	07
08	2008/01/01	CHECKED	08
09	2008/01/01	APPROVED	09
10	2008/01/01	DESIGNED	10
11	2008/01/01	CHECKED	11
12	2008/01/01	APPROVED	12
13	2008/01/01	DESIGNED	13
14	2008/01/01	CHECKED	14
15	2008/01/01	APPROVED	15
16	2008/01/01	DESIGNED	16
17	2008/01/01	CHECKED	17
18	2008/01/01	APPROVED	18
19	2008/01/01	DESIGNED	19
20	2008/01/01	CHECKED	20
21	2008/01/01	APPROVED	21
22	2008/01/01	DESIGNED	22
23	2008/01/01	CHECKED	23
24	2008/01/01	APPROVED	24
25	2008/01/01	DESIGNED	25
26	2008/01/01	CHECKED	26
27	2008/01/01	APPROVED	27
28	2008/01/01	DESIGNED	28
29	2008/01/01	CHECKED	29
30	2008/01/01	APPROVED	30