












LEGEND	
	Circuit breaker
	Current transformer
	Disconnector-earth switch (insulated)
	High-speed earth switch
	Voltage transformer (with integrated isolating link)
	Surge arrestor (with removable conductor)
	Cable sealing end
	voltage detector
	Partial discharge detector
	Gas tighted bushing
	Density meter and gas comp. No.

WIRE SYMBOL	CORE	RATIO(A)	BURDEN(VA)	CLASS	VK(V)	IM(mA)	RCT(Ω)	"Rated Continuous Thermal Current"	EARTHING	LEN. OF ELE.
-F01 F02 F07 F10 -T1	1	200/1		PX	200	200	15	150%		591
	2	200/1		PX	200	200	15	150%		
	3	200/1	10	SP20				150%		
	4	200/1	15	0.5				150%		
	5	1250/1		PX	800	25	5	150%		
-F04 F08 -T1	6	1250/1		PX	800	25	5	150%	P2	591
	1	300/1		PX	300	100	1	150%		
	2	300/1		PX	300	100	1	150%		
	3	300/1	15	SP20				150%		
	4	300/1	15	0.5				150%		
	5	1250/1		PX	800	25	5	150%		
-F03 F09-T1	6	1250/1		PX	800	25	5	150%	P2	591
	1	1250/1		PX	800	25	5	150%		
	2	1250/1		PX	800	25	5	150%		
	3	1250/1	30	SP20				150%		
	4	1250/1	15	0.5				150%		
	5	1250/1		PX	1000	25	15	150%		
-F06-T1	6	1250/1		PX	1000	25	15	150%	P2	380
	1	1250/1	30	SP20				150%		
-F06-T2	2	1250/1		PX	1000	25	12	150%	P2	380
	1	1250/1	15	0.5				150%	P2	

EQUIPMENT TECHNICAL DATA	
Type of switchgear	8DN8
Rated voltage	72.5KV
Rated frequency	50HZ
Rated lightning impulse withstand voltage	325kV
Rated short-time power frequency withstand voltage	140KV
Rated current-Busbar	1250A
Rated current-Feeder	1250A
Rated short-time withstand current	40kA
Rated duration of short-time withstand current	3S
Ambient indoor temperature	-5...+40 ℃
Ambient outdoor temperature	-5...+40 ℃
Altitude above sea level	<1000m
Color	RAL1013

PRESSURE (GAUGE PRESSURE AT20℃)	
Module	Filling
Circuit breaker	5.6bar
Voltage transformer	5.6bar
Others/Surge arrestor	4.5bar

SURGE ARRESTOR	
Rated voltage	60kV
Maximum residual voltage	144kV
Nominal discharge current	10kA
line discharge class	3
SA with removably conductor	

705753 VOLTAGE TRANSFORMER				
BAY-SYMBOL	CORE	RATIO(kV)	BURDEN(VA)	CLASS
=F03 F08-T5	1	$\frac{66}{\sqrt{3}} / \frac{0.11}{\sqrt{3}}$	50	0.5/3P
=F06-T15	2	$\frac{66}{\sqrt{3}} / \frac{0.11}{\sqrt{3}}$	50	0.5/3P
=F06-T25		$\frac{66}{\sqrt{3}} / \frac{0.11}{\sqrt{3}}$	50	0.5/3P
T5 T15 T25 are 3-phase Voltage Transformer with integrated isolating link				
Rated voltage factor and maximum operating voltage / duration: 1.2Un Continuous / 1.5Un 30s				

00	14-08-2025	For approval	CHEN BW	LU QL	ZHANG FL
REV.	DATE	DESCRIPTION	DRAWN	CHKD	APRD

REFERENCE DRAWINGS		
	UCC-084-ONE-EL-WPI-1030	66kV Single Line Diagram EGR

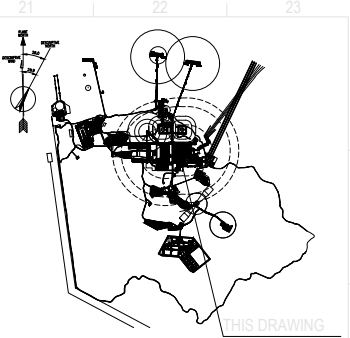
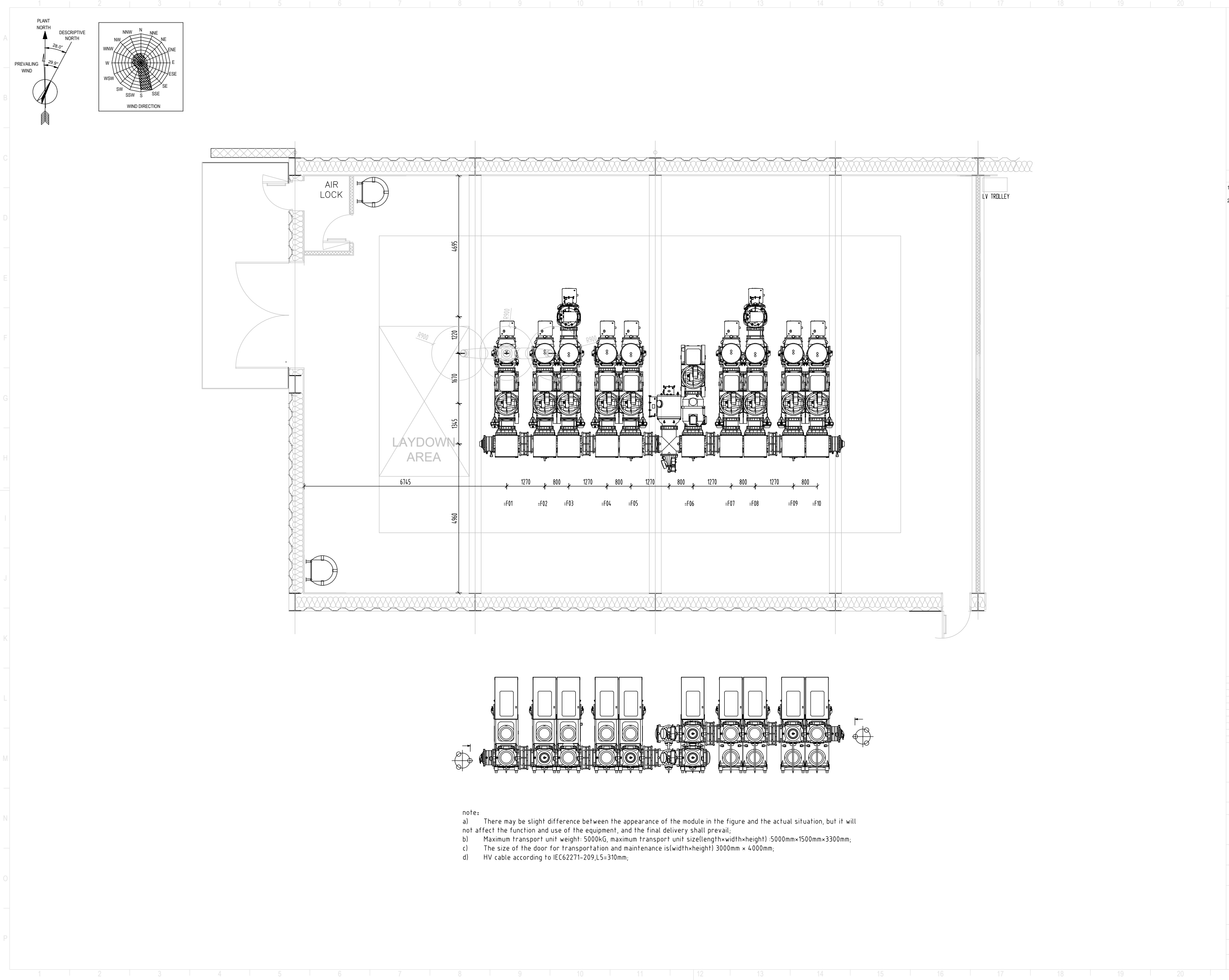
TANGGUH UCC PROJECT-ONSHORE EPCI



**JGC PT JGC INDONESIA**

### 66kV Single Line Diagram EGR

JOB CODE	SECURITY CLASSIFICATION	DOC. CLASS
0-0847-00-0000	GENERAL	1
CONTRACTOR-VENDOR DRAWING NO.		SCALE
V-2181-411-AR-EIC-237		1/1
COMPANY-VENDOR DRAWING NO.		SIZE REV
UCC-2181411AR-C02-0003		A 00



KEY PLAN

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES EXCEPT FOR COORDINATES AND ELEVATIONS WHICH ARE IN METRES U.N.O
2. ALL PLANT ELEVATIONS ARE RELATIVE TO MEAN SEA LEVEL (MSL). MSL IS 2.15m ABOVE LOWEST ASTRONOMICAL TIDE (LAT). PLANT ELEVATION: EL 0m = MSL + 0m = LAT + 2.15m

LEGEND

REV	DATE	DESCRIPTION	DESIGNED	CHECKED	APPROVED
00	14-08-2025	For approval	CHEN BW	LU QL	ZHANG FL

REFERENCE DRAWINGS	DESCRIPTION
UCC-2181411AR-022-0003	66kV Single Line Diagram EGR

TANGGUH UCC PROJECT-ONSHORE EPCI

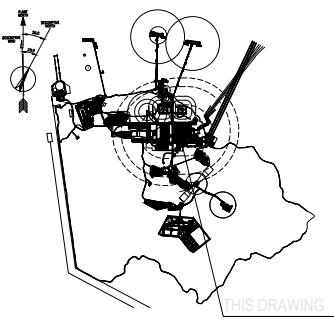
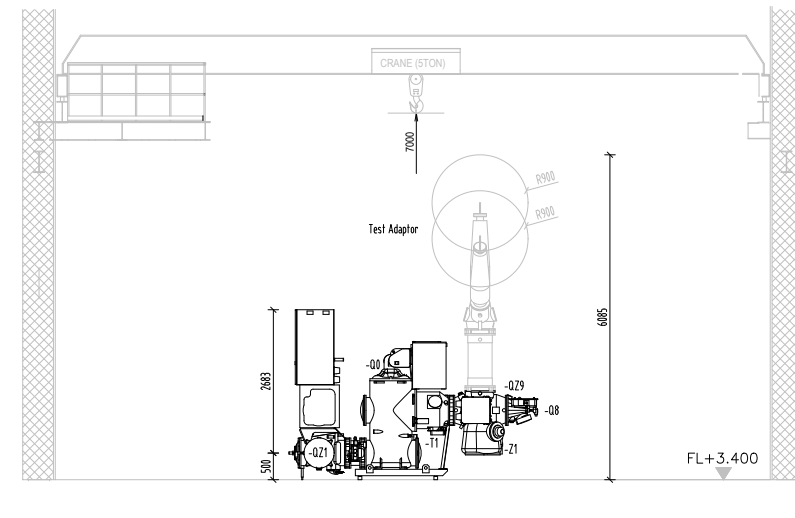
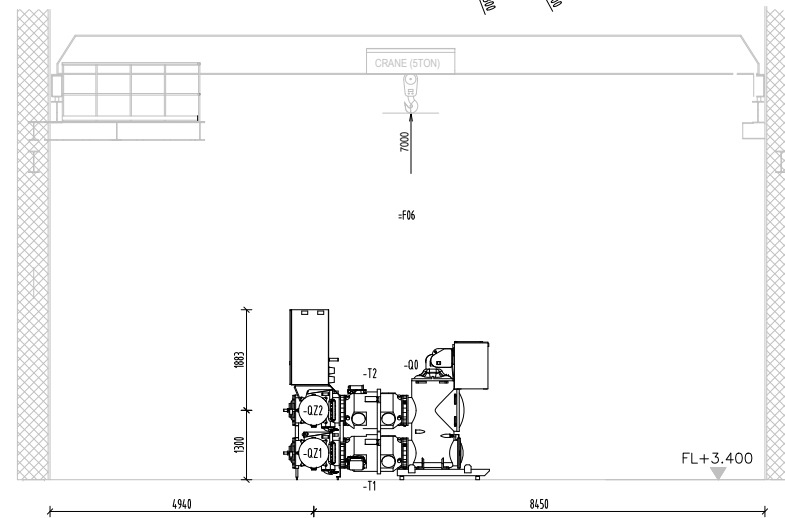
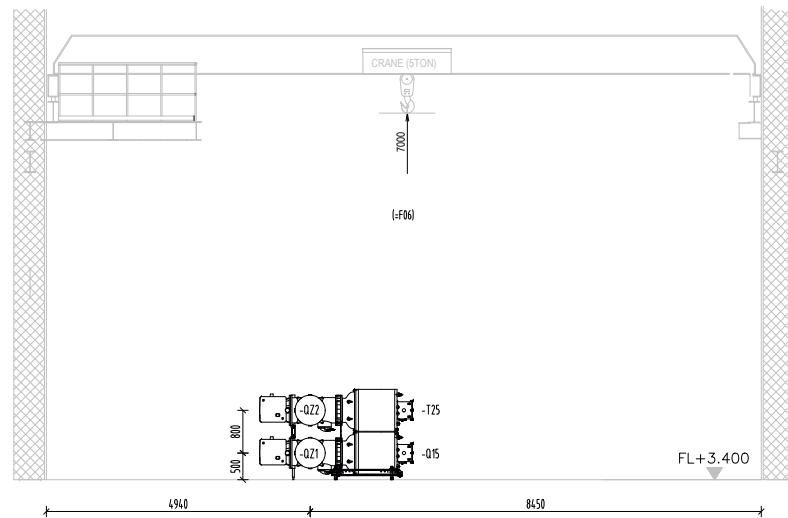
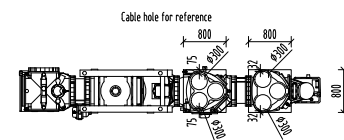
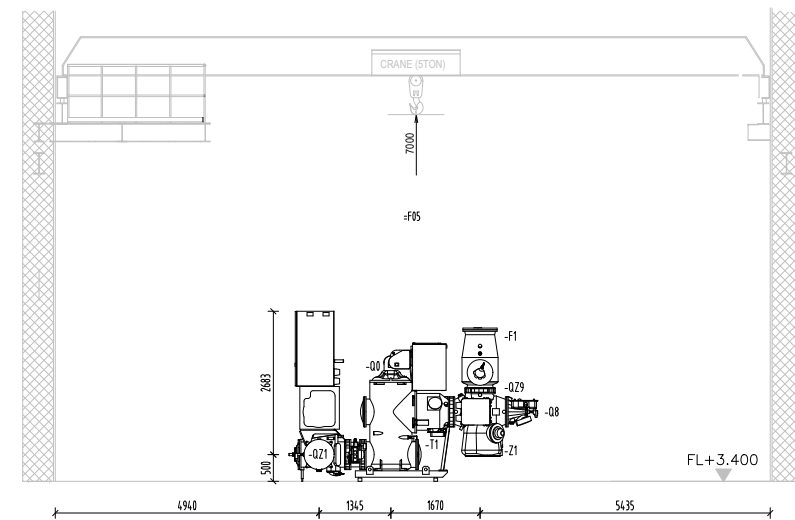
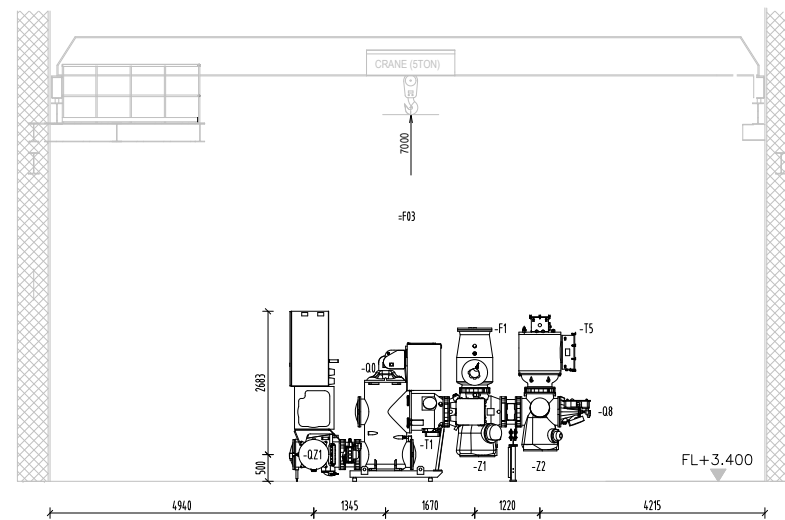
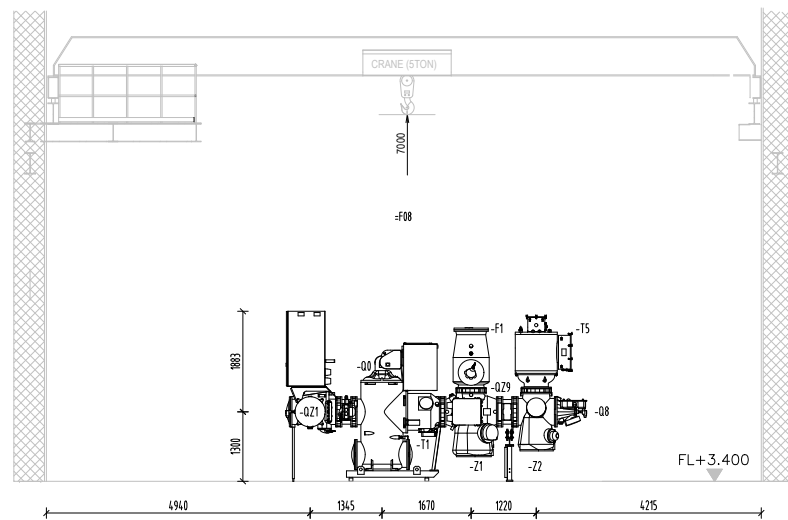
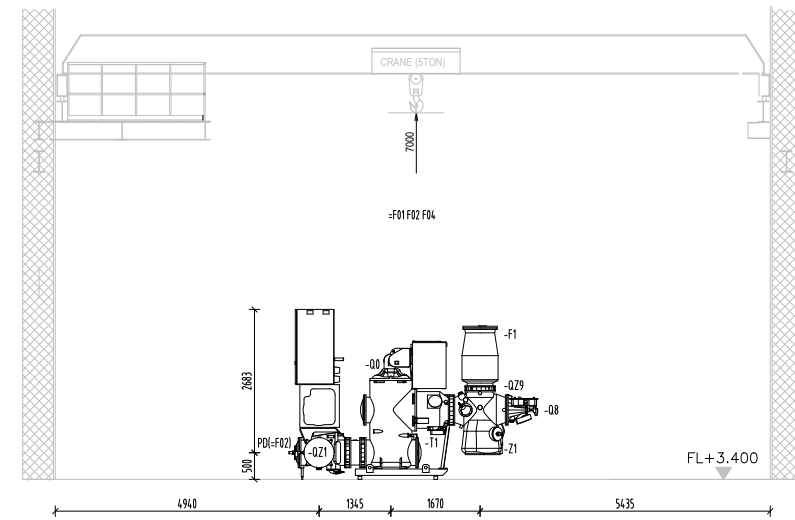
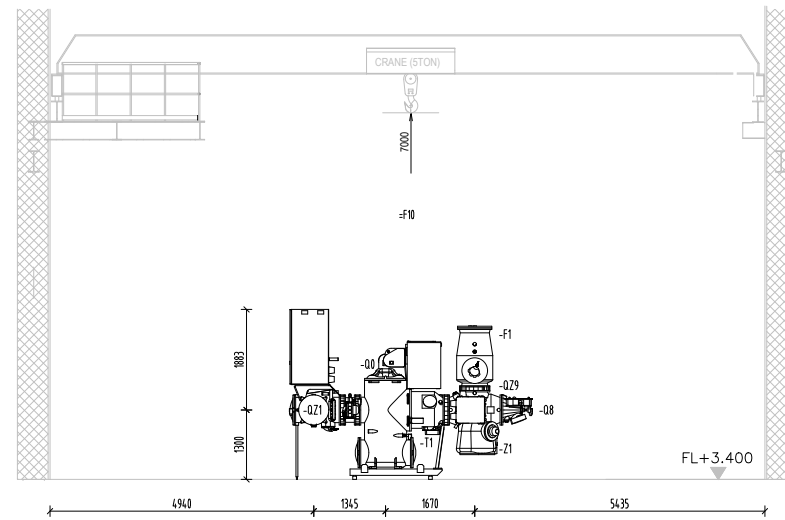
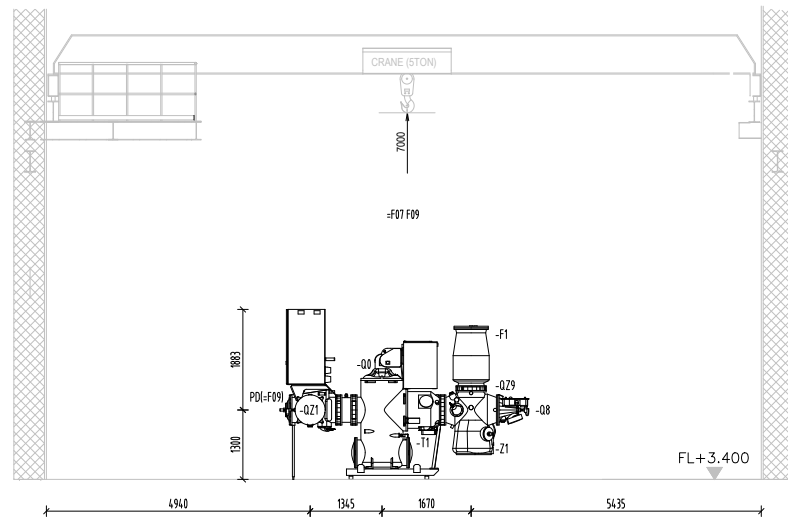
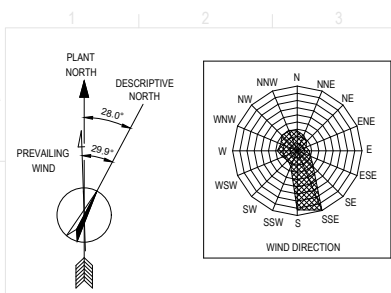


PT JSC INDONESIA

66kV GIS EGR Layout

PROJECT CODE	REVISION/DESCRIPTION	DOC CLASS
0-0847-00-0000	GENERAL	1
V-2181-411-AR-DGN-021		1/1
UCC-2181411AR-E01-0015		00

- note:
- a) There may be slight difference between the appearance of the module in the figure and the actual situation, but it will not affect the function and use of the equipment, and the final delivery shall prevail;
  - b) Maximum transport unit weight: 5000kg, maximum transport unit size(length×width×height) :5000mm×1500mm×3300mm;
  - c) The size of the door for transportation and maintenance is(width×height) 3000mm × 4000mm;
  - d) HV cable according to IEC62271-209,L5=310mm;



## KEY PLAN

1. ALL DIMENSIONS ARE IN MILLIMETRES EXCEPT FOR COORDINATES AND ELEVATIONS WHICH ARE IN METRES U.N.O
2. ALL PLANT ELEVATIONS ARE RELATIVE TO MEAN SEA LEVEL (MSL).  
MSL IS 2.15m ABOVE LOWEST ASTRONOMICAL TIDE (LAT).  
PLANT ELEVATION:  $EL\ 0m = MSL + 0m = LAT + 2.15m$

00	14-08-2025	For approval	CHEN BW	LIU QL	ZHANG FL
REV	DATE	DESCRIPTION	DESIGN	CHDR	APPR
REVISIONS					
REFERENCE DRAWING					
UCC-2181411AR-002-0003      66KV Single Line Diagram EGR					
DWG NO.			TITLE		
<p>NO. OF SHEETS</p> <p>THIS DOCUMENT HAS BEEN AND WILL BE CONTAINED HEREIN AND IS CONFIDENTIAL AND PROPRIETARY INFORMATION OF THE COMPANY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. THE COMPANY WILL BE RESPONSIBLE FOR ANY REVISIONS TO THIS DOCUMENT. ANY REVISIONS TO THIS DOCUMENT WILL BE INDICATED BY A REVISION SYMBOL AND A REVISION DESCRIPTION. ANY REVISIONS TO THIS DOCUMENT WILL BE INDICATED BY A REVISION SYMBOL AND A REVISION DESCRIPTION. ANY REVISIONS TO THIS DOCUMENT WILL BE INDICATED BY A REVISION SYMBOL AND A REVISION DESCRIPTION.</p>					
TANGGUH UCC PROJECT-ONSHORE EPCI					
					
JGO PT JOB NOON-EEA					
66KV GIS EGR Section					
JOB CODE		SECURITY CLASSIFICATION		DOC. CLASS	
O-0847		GENERAL		1	
CONTRACTOR PROJECT DRAWING NO.				SCALE	
V-2181-411-AR-DGN-0022				1/1	
COMPANY VENDOR DRAWING NO.				SIZE	
UCC-21814111AR-E01-0016				00	