

49	V-2601	0.4MPaG steam balance tank	POS EL0.450
48	V-2604	Low temperature water tank	POS EL0.900
47	V-2402	Vacuum condensate buffer tank	POS EL0.900
46	V-2305	Circulating compressor outlet buffer tank	POS EL0.250
45	V-2304	Circulating compressor inlet buffer tank	POS EL0.250
44	V-2303	Hydrogen buffer TANK	POS EL0.250
43	V-2302	Hydrogenation liquid intermediate tank	POS EL0.350
42	V-1106B	Soft water vessel	POS EL0.550
41	V-1106A	Hot water tank	POS EL1.000
40	T-2402	NPG tower	POS EL0.650
39	T-2401	Light component tower	POS EL0.650
38	T-2201	Aldehyde recovery tower	POS EL0.450
37	T-1102	2#Absorption column	POS EL0.550
36	T-1101	1#Absorption column	POS EL0.550

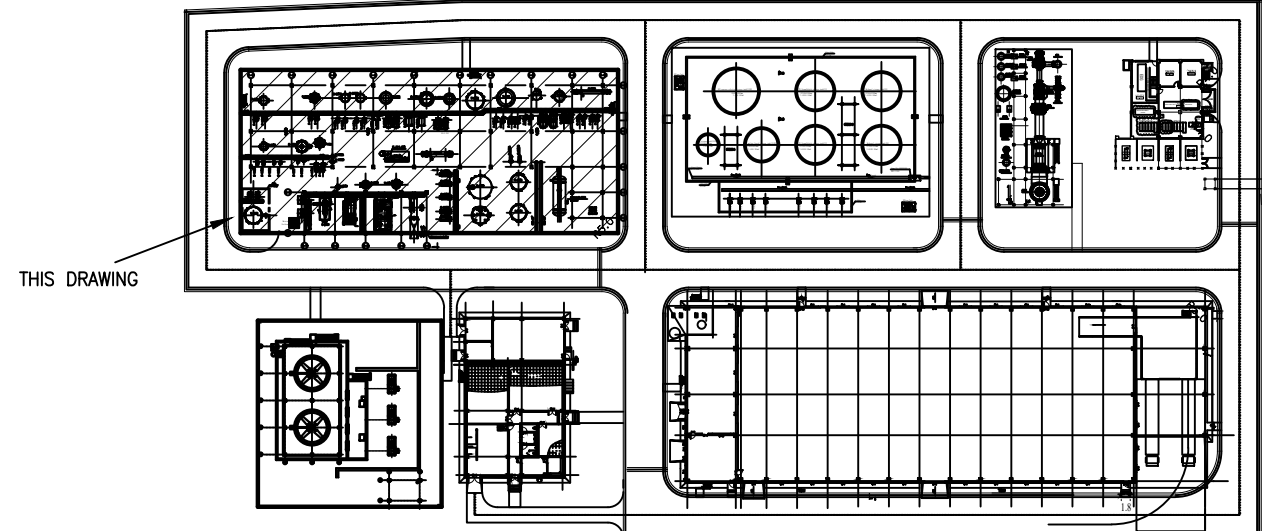
35	R-2301B	The second hydrogenation reactor	POS EL0.500
34	R-2301A	The first hydrogenation reactor	POS EL0.500
33	R-2101B	The second condensation reactor	POS EL0.650
32	R-2101A	The first condensation reactor	POS EL0.650
31	P-2701A/B	Flare condensate pump	BBP EL0.350
30	P-2603A/B	Low temperature water pump	BBP EL0.450
29	P-2602A/B/C	Hot water pump	BBP EL0.350
28	P-2601A/B	Steam condensate pump	BBP EL0.450
27	P-2503A/B	Aqueous solution preparation pump	BBP EL0.400
26	P-2406A/B	Pressure hot water circulating pump	BBP EL0.350
25	P-2405A/B	NPG tower reflux pump	BBP EL0.350
24	P-2404A/B	NPG tower kettle liquid circulating pump	BBP EL0.350
23	P-2403A/B	Vacuum condensate transfer pump	BBP EL0.350
22	P-2402A/B	Light components tower reflux pump	BBP EL0.350
21	P-2401A/B	Light component tower kettle liquid pump	BBP EL0.350
20	P-2301A/B	Hydrogenation circulating pump	BBP EL0.350
19	P-2203A/B	Hydrogenation raw material liquid pump	BBP EL0.350
18	P-2202A/B	Aldehyde recovery tower reflux pump	BBP EL0.350
17	P-2201A/B	Aldehyde recovery tower kettle liquid pump	BBP EL0.350
16	P-2103A/B	Trimethylamine feed pump	BBP EL0.450
15	P-2102A/B	Group B circulating pump	BBP EL0.500
14	P-2101A/B	Group A circulating pump	BBP EL0.500
13	P-1106A/B	2#Top circulating pump	BBP EL0.350
12	P-1105A/B	2#Bottom circulating pump	BBP EL0.667
11	P-1104A/B	1#Circulating pump	BBP EL0.395
10	P-1103A/B	Oxidation reactor feed water pump	BBP EL0.350
9	P-1102A/B	Hot water pump	BBP EL0.550
8	P-1101	Methanol return pump	BBP EL0.350

55	X-1101A/B	Air Filter	POS EL0.900
55	PK-2601	Chilling water system	BBP EL0.350
54	X-1102A/B/C	Methanol Filter	POS EL0.350
53	V-2101	Trimethylamine tank	POS EL0.350
52	V-2701	Flare separator	POS EL1.800
51	V-2603	Hot water tank	POS EL0.315
50	V-2602	0.2MPaG steam balance tank	POS EL0.450
NO.	ITEM NAME	DESCRIPTION	ELEVATION
7	E-2303	Gas cooler	POS EL2.7365
6	E-2601	Hot water cooler	POS EL1.300
5	E-2501	NPG water solution cooler	POS EL1.200
4	E-1101	Methanol evaporator	POS EL0.350
3	C-2302	Hydrogen compressor	BBP EL0.350
2	C-2301	Nitrogen-hydrogen cycle compressor	BBP EL0.350
1	C-1101	Air Fan	BBP EL0.350
NO.	ITEM NAME	DESCRIPTION	ELEVATION

EQUIPMENT LIST

EQUIPMENT LIST



KEY PLAN:

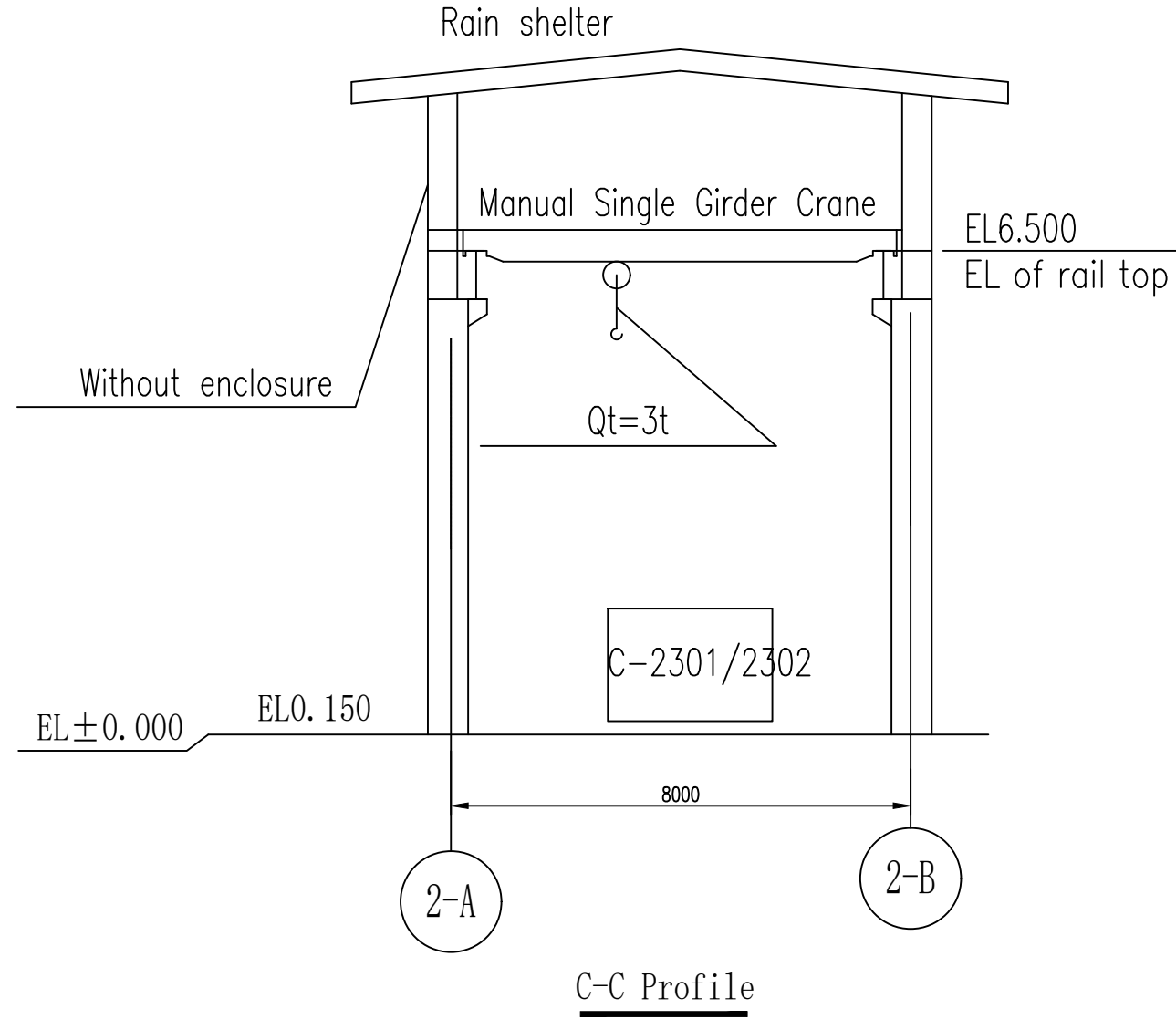
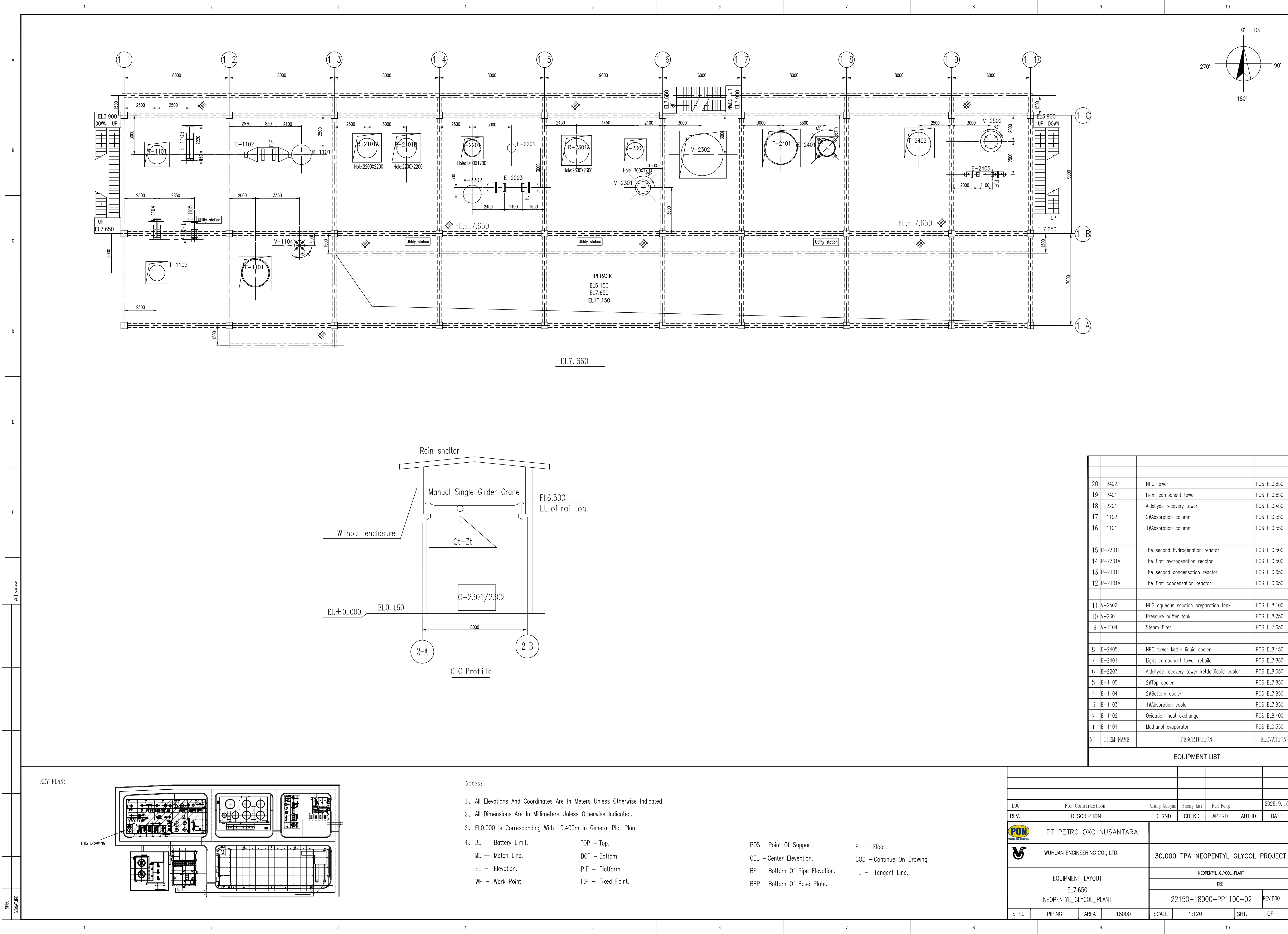


Notes:

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- All Dimensions Are In Millimeters Unless Otherwise Indicated.
- EL0.000 Is Corresponding With 10.400m In General Plot Plan.
- BL - Battery Limit. TOP - Top. BOT - Bottom. ML - Match Line. EL - Elevation. WP - Work Point. F.P - Fixed Point.

POS - Point Of Support.
CEL - Center Elevation.
BEL - Bottom Of Pipe Elevation.
BBP - Bottom Of Base Plate.
FL - Floor.
COD - Continue On Drawing.
TL - Tangent Line.

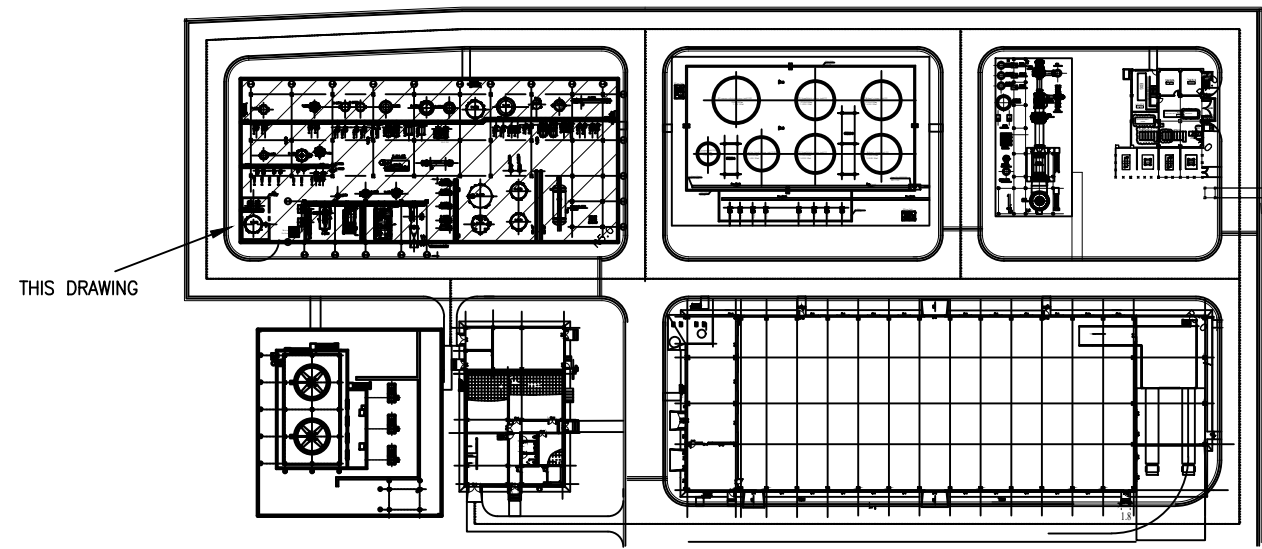
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REV.	DESCRIPTION	DEGND	CHEKD	APPRD	AUTHD	DATE
 PT PETRO OXO NUSANTARA						
 WUHUAN ENGINEERING CO., LTD.		30,000 TPA NEOPENTYL GLYCOL PROJECT				
EQUIPMENT_LAYOUT EL±0.000/0.150 NEOPENTYL_GLYCOL_PLANT		NEOPENTYL_GLYCOL_PLANT				
		DED				
		22150-18000-PP1100-01				REV.DOO
SPECI	PIPING	AREA	18000	SCALE	1:120	SHT. OF



NO.	ITEM NAME	DESCRIPTION	ELEVATION
20	T-2402	NPG tower	POS EL0.650
19	T-2401	Light component tower	POS EL0.650
18	T-2201	Aldehyde recovery tower	POS EL0.450
17	T-1102	2#Absorption column	POS EL0.550
16	T-1101	1#Absorption column	POS EL0.550
15	R-2301B	The second hydrogenation reactor	POS EL0.500
14	R-2301A	The first hydrogenation reactor	POS EL0.500
13	R-2101B	The second condensation reactor	POS EL0.650
12	R-2101A	The first condensation reactor	POS EL0.650
11	V-2502	NPG aqueous solution preparation tank	POS EL8.100
10	V-2301	Pressure buffer tank	POS EL8.250
9	V-1104	Steam filter	POS EL7.650
8	E-2405	NPG tower kettle liquid cooler	POS EL8.450
7	E-2401	Light component tower reboiler	POS EL7.860
6	E-2203	Aldehyde recovery tower kettle liquid cooler	POS EL8.550
5	E-1105	2#Top cooler	POS EL7.850
4	E-1104	2#Bottom cooler	POS EL7.850
3	E-1103	1#Absorption cooler	POS EL7.850
2	E-1102	Oxidation heat exchanger	POS EL8.400
1	E-1101	Methanol evaporator	POS EL0.350

EQUIPMENT LIST

KEY PLAN:



Notes:

- 1、All Elevations And Coordinates Are In Meters Unless Otherwise Indicated.

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3、EL0.000 Is Corresponding With 10.400m In General Plot Plan.

4、BL — Battery Limit.

ML — Match Line.

EL — Elevation.

WP — Work Point.
- TOP — Top.

BOT — Bottom.

P.F — Platform.

F.P — Fixed Point.

- POS — Point Of Support.



CEL — Center Elevation.

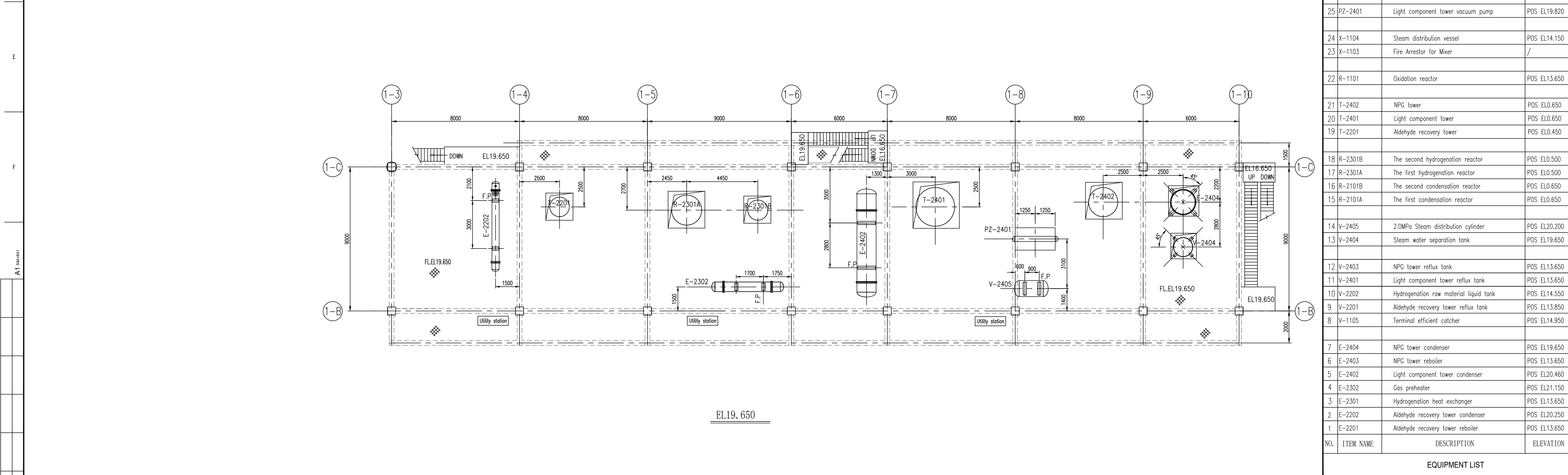
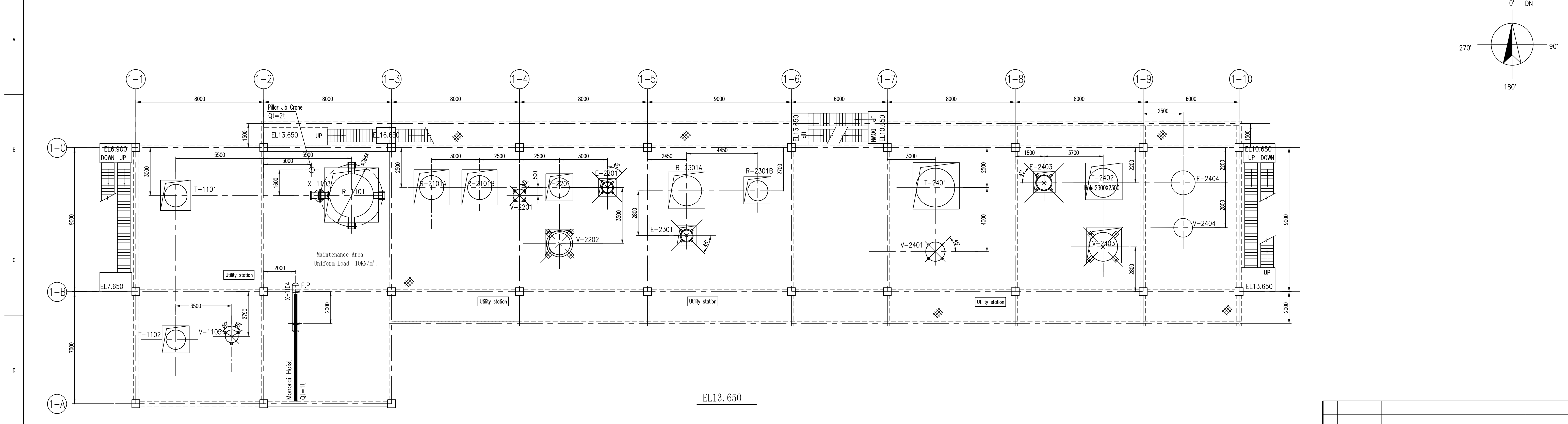
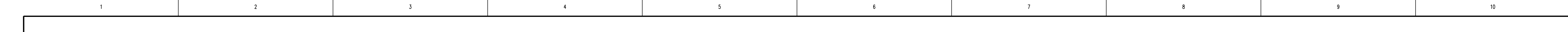
BEL — Bottom Of Pipe Elevation.

BBP — Bottom Of Base Plate.
- FL — Floor.

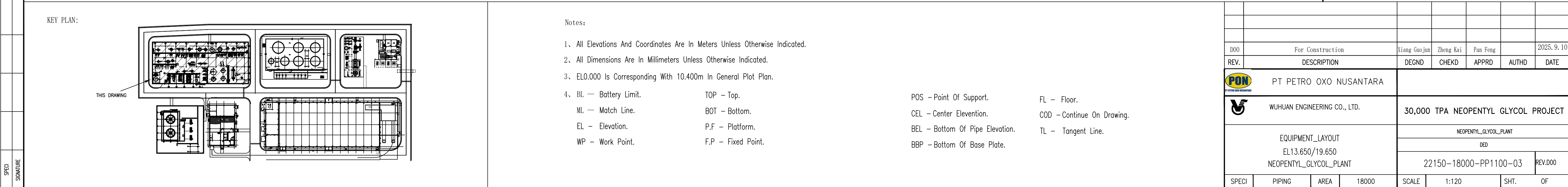
COD — Continue On Drawing.



TL — Tangent Line.

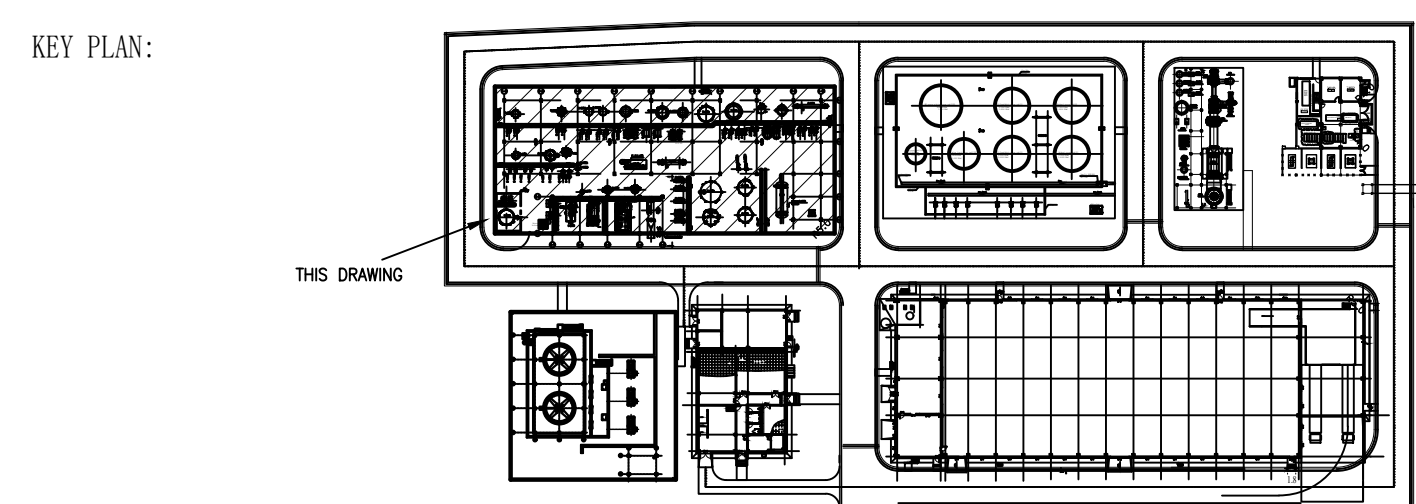
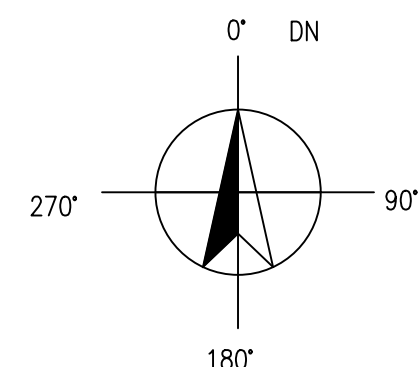
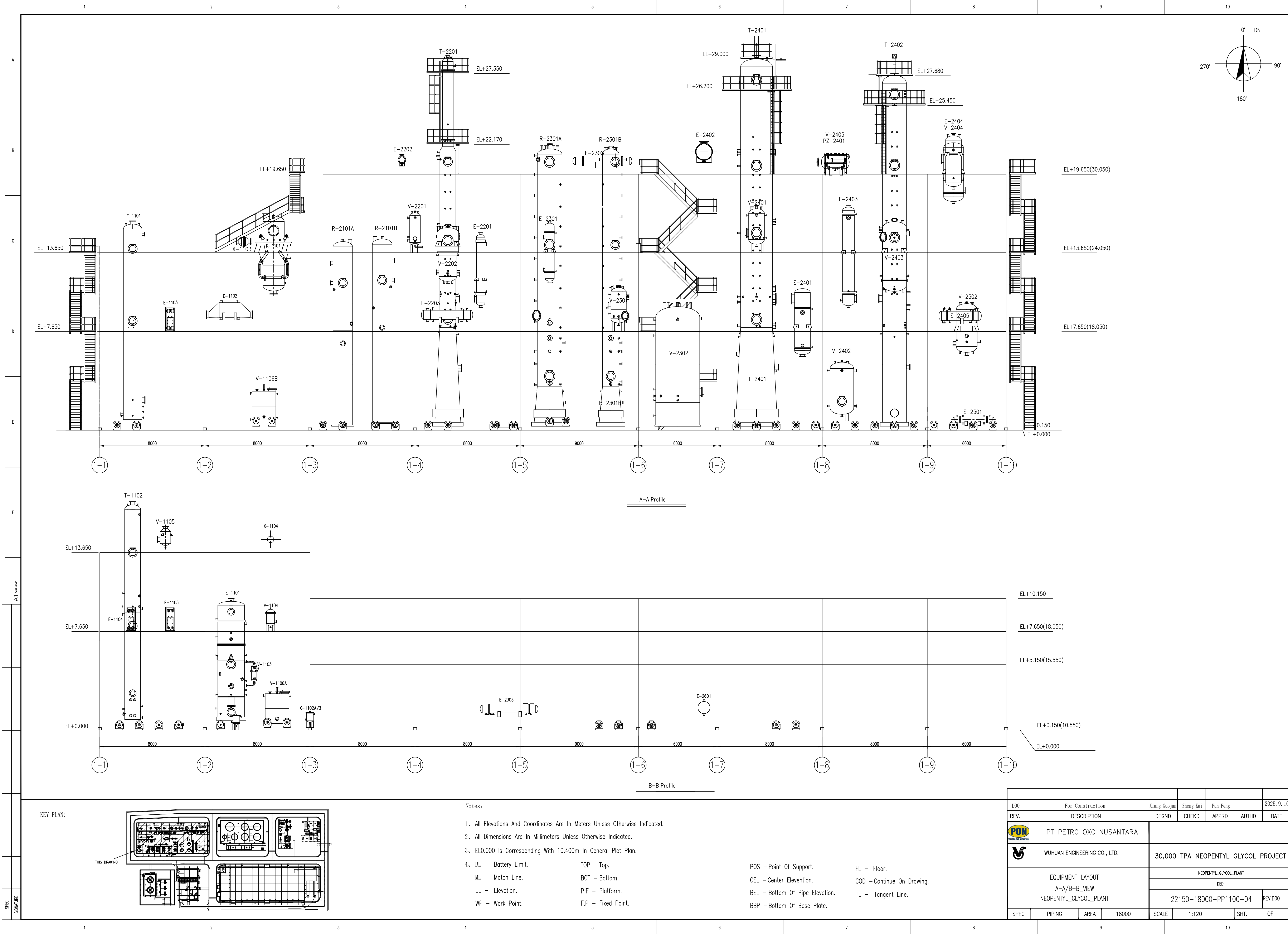
DOO		For Construction		Xiang Guojun		Zheng Kai		Pan Feng	
REV.		DESCRIPTION		DEGND		CHEKD		APPRD	
								AUTHD	
								DATE	
		PT PETRO OXO NUSANTARA							
		WUHUAN ENGINEERING CO., LTD.		30,000 TPA NEOPENTYL GLYCOL PROJECT					
EQUIPMENT_LAYOUT EL7.650 NEOPENTYL_GLYCOL_PLANT		NEOPENTYL_GLYCOL_PLANT							
		DED							
		22150-18000-PP1100-02							REV.D00
SPECI		PIPING		AREA		18000		SCALE	
						1:120		SHT.	
								OF	



	EQUIPMENT LIST
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D00	For Construction			Xiang Guojun	Zheng Kai	Pan Feng		2025.9.10						
REV.	DESCRIPTION			DEGND	CHEKD	APPRD	AUTHD	DATE						
 PT PETRO OXO NUSANTARA														
 WUHUAN ENGINEERING CO., LTD.				30,000 TPA NEOPENTYL GLYCOL PROJECT										
EQUIPMENT_LAYOUT EL13.650/19.650 NEOPENTYL_GLYCOL_PLANT				NEOPENTYL_GLYCOL_PLANT										
				DED										
				22150-18000-PP1100-03										
						REV.D00								
SPECI	PIPING	AREA	18000	SCALE	1:120		SHT.	OF						



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 - P.F — Platform.
 - F.P — Fixed Point.
 - POS — Point Of Support.
 - CEL — Center Elevation.
 - BEL — Bottom Of Pipe Elevation.
 - BBP — Bottom Of Base Plate.
 - FL — Floor.
 - COD — Continue On Drawing.
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D00	For Construction	Xiang Guojun	Zheng Kai	Pan Feng		2025.9.10
REV.	DESCRIPTION	DEGND	CHEKD	APPRD	AUTHD	DATE
PT PETRO OXO NUSANTARA						
WUHUAN ENGINEERING CO., LTD.		30,000 TPA NEOPENTYL GLYCOL PROJECT				
EQUIPMENT_LAYOUT A-A/B-B_VIEW NEOPENTYL_GLYCOL_PLANT		NEOPENTYL_GLYCOL_PLANT				
		DED				
		22150-18000-PP1100-04				REV.D00
SPECI	PIPING	AREA	18000	SCALE	1:120	SHT. OF