本圖完工後請速歸還

FABRICATION MATERIALS

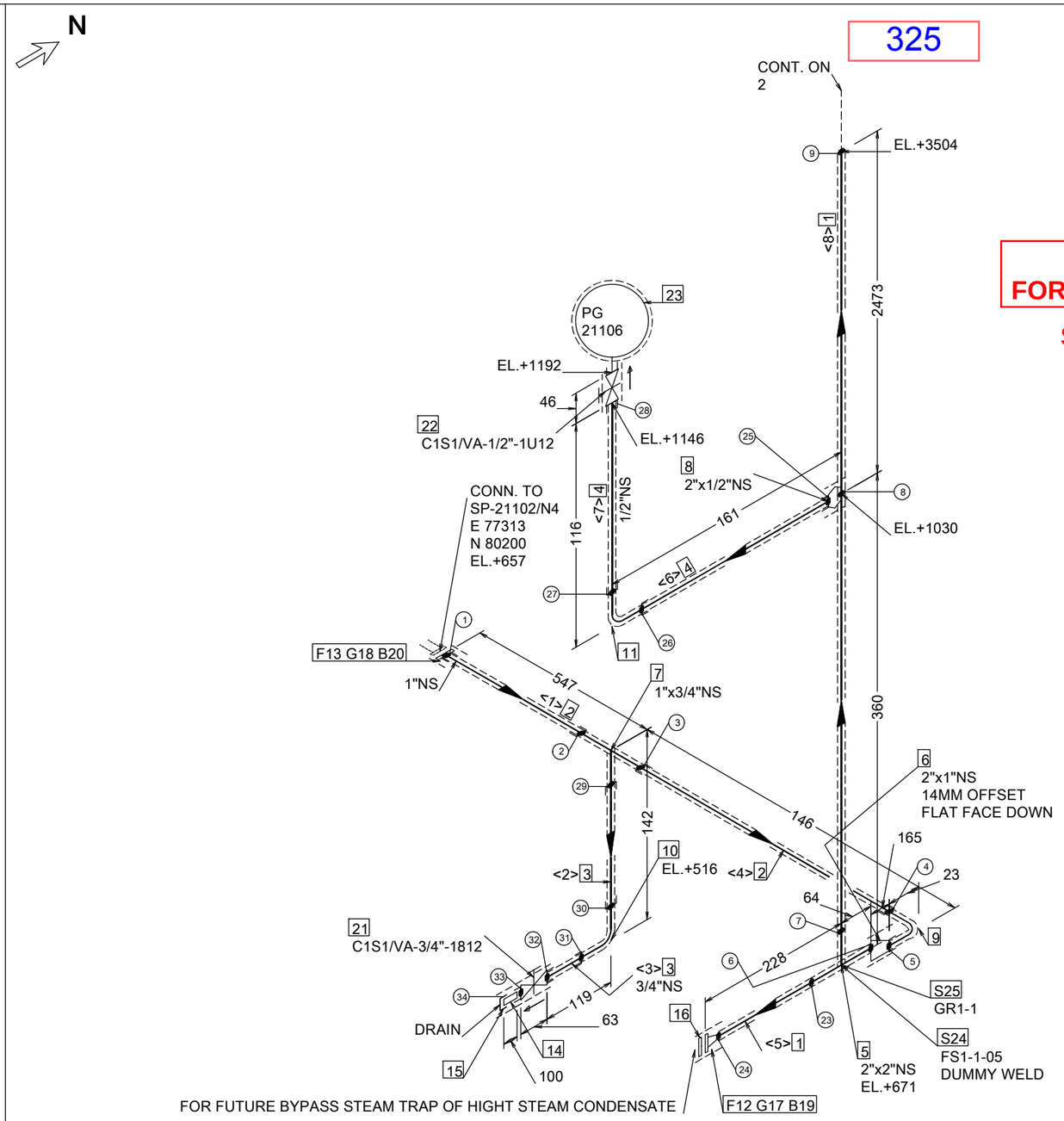
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	PIPE			
1	PIPE A106 GR.B SMLS SCH40 BE ASME B36.10M	2	C1S1/P-2"-40	2.9M
2	PIPE A106 GR.B SMLS SCH80 PE ASME B36.10M	1	C1S1/P-1"-80	0.7M
3	PIPE A106 GR.B SMLS SCH80 PE ASME B36.10M	3/4	C1S1/P-3/4"-80	0.2M
4	PIPE A106 GR.B SMLS SCH80 PE ASME B36.10M	1/2	C1S1/P-1/2"-80	0.2M
	FITTINGS			
5	TEE BW A234 GR.WPB SMLS SCH40 ASME B16.9	2 x 2	C1S1/TB-2"	1
6	SWAGE ECC BLE/PSE A234 GR.WPB SMLS SCH40/SCH80 MSS-SP-95	2 x 1	C1S1/SE-2"BX1"P	1
7	REDUCING TEE 3000# SW A105 ASME B16.11	1 x 3/4	C1S1/TS-1"X3/4"	1
8	SOCKOLET 3000# SW A105 MSS SP-97	2 x 1/2	C1S1/SOL-2"X1/2"	1
9	90 ELBOW 3000# SW A105 ASME B16.11	1	C1S1/ES-1"X90	1
10	90 ELBOW 3000# SW A105 ASME B16.11	3/4	C1S1/ES-3/4"X90	1
11	90 ELBOW 3000# SW A105 ASME B16.11	1/2	C1S1/ES-1/2"X90	1
	FLANGES			
12	FLANGE WN 150# RF A105 STD BORE ASME B16.5	2	C1S1/FRWN-2"	1
13	FLANGE SW 300# RF A105 SCH80 BORE ASME B16.5	1	C1S1/FRSW3-1"	1

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	FITTINGS			
14	NIPPLE (L=100MM) TOE(NPT) A106 GR.B SMLS SCH80 ASME B36.10M	3/4	C1S1/NIP-3/4"X100LXTOE	1
15	CAP 3000# SCRD (FNPT) A105 ASME B16.11	3/4	C1S1/CT-3/4"	1
	FLANGES			
16	FLANGE BLIND 150# RF A105 ASME B16.5	2	C1S1/FBR-2"	1
	GASKETS			
17	GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND W/GRAPHITE FILLER W/CS OUTER RING ASME B16.20/B16.5	2	C1S1/GR-2"	1
18	GASKET 300# RF 4.5 MM THICK 304SS SPIRAL WOUND W/GRAPHITE FILLER W/CS OUTER RING ASME B16.20/B16.5	1	C1S1/GR3-1"	1
	BOLTS			
19	STUD BOLT A193 GR.B7 GALV. W/ TWO HEX. HEAD HEAVY NUT A194 GR.2H GALV. ASME B1.1 B18.2.2	5/8	C1S1/BS1-5/8"X85L	4
20	STUD BOLT A193 GR.B7 GALV. W/ TWO HEX. HEAD HEAVY NUT A194 GR.2H GALV. ASME B1.1 B18.2.2	5/8	C1S1/BS1-5/8"X80L	4
	VALVES / IN-LINE ITEMS			
21	GATE 800# SW A105 BB OS &Y RS TRIM 13CR STELLITED SOLID WEDGE API-602	3/4	C1S1/VA-3/4"-1812	1
22	GATE 800# SW/SCRD(NPT) A105 BB OS &Y RS TRIM 13CR STELLITED SOLID WEDGE API-602	1/2	C1S1/VA-1/2"-1U12	1
	INSTRUMENTS			
23	PRESSURE GAUGE NPT PG 21106	1/2		1
	SUPPORTS			
24	FIELD SUPPORT (FS1-1-05)	2	SUP/FS1-1-2"	1
25	GROUT (GR1-1)	2	SUP/GR1-1-2"	1

CUT PIPE LENGTH FOR REFERENCE ONLY

PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS
<1>	511	1		<2>	100	3/4	
<3>	100	3/4		<4>	100	1	
<5>	100	2		<6>	100	1/2	
<7>	100	1/2		<8>	2769	2	



REVISED FOR CONSTRUCTION

SEP. 12, 2025

會簽				
△				
分配	△	△		

序次	日期	修改說明	修改	認可
△				
1	2025.09.12	REVISED FOR CONSTRUCTION	鄧基宏	陳逢明
0	2025.07.03	FOR CONSTRUCTION	鄧基宏	陳逢明
A	2025.04.21	FOR APPROVAL	鄧基宏	陳逢明

[1] 管件序號 <1> 直管編號 [1] 管段編號 & 須設計會驗管線

操作壓力: 4.48 KG/CM²G	操作溫度: 154.8 ℃	管線等級: C1S1	
設計壓力: 7/FV KG/CM²G	設計溫度: 200 ℃	保溫(冷)等級: HC2	
試驗基準: Air 7.7 KG/CM²G X 60 分		熱追縱等級:	
管路塗裝:	管支撐	焊接基準:	
焊道: 塗裝:	管材塗裝: 碳鋼及不銹鋼保溫(冷): 不銹鋼:	NDE 抽驗: 10 %	

資料庫名稱:

工廠焊接 套焊 螺紋銜接 配合現場焊接 配合現場接合點 管支撐 蒸汽追蹤管

會簽			
製圖	謝鳳菁	2025.04.21	
設計	鄧基宏	2025.04.21	
審核	陳安誠	2025.04.21	
認可	陳逢明	2025.04.21	

依據圖號: C2418-4-501 C2418-4-549

圖號:

管線編號 LC-21102-2"-C1S1-HC2

Eshine 鴻勝化學科技股份有限公司 E-shine Advanced Chemicals Ltd.

富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD.

崙尾一期建廠工程 管線工程 立體配管圖 1/2

檔號: LC-21102-C1S1- 1