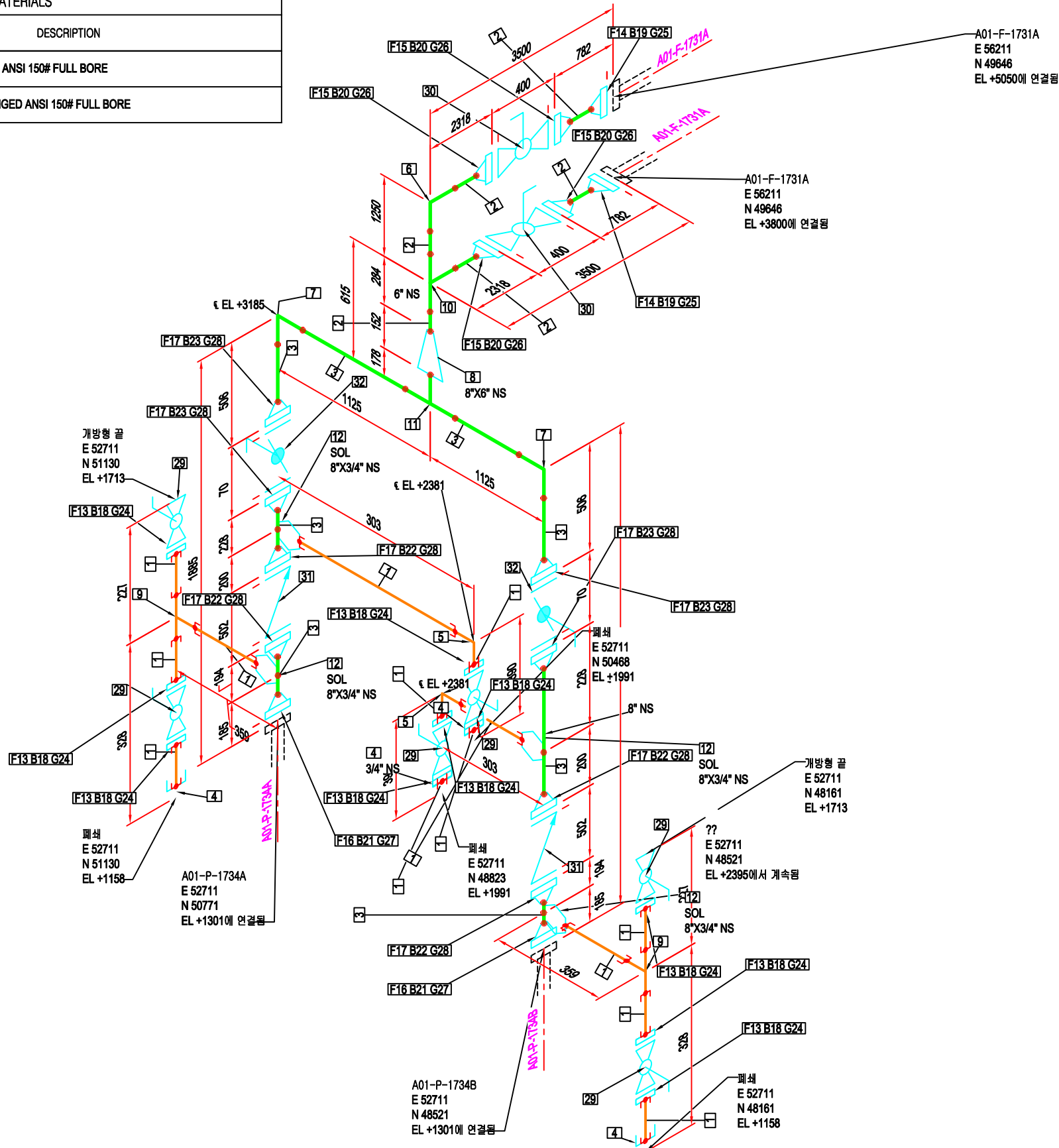



BILL OF MATERIALS			
ID	QTY	ND	DESCRIPTION
31	2	150A	CHECK VALVE, FLANGED ANSI 150# FULL BORE
32	2	150A	BUTTERFLY VALVE, FLANGED ANSI 150# FULL BORE




BILL OF MATERIALS			
ID	QTY	ND	DESCRIPTION
1	1.7M	20A	PIPE FRP PE 4.8mm
2	6.4M	150A	PIPE FRP PE 4.8mm
3	2.3M	200A	PIPE FRP PE 4.8mm
4	4	20A	CAP FRP PE 4.8mm
5	2	20A	ELL 90 FRP PE 4.8mm
6	1	150A	ELL 90 FRP PE 4.8mm
7	2	200A	ELL 90 FRP PE 4.8mm
8	1	200AX150A	REDUCER CONC PE 4.8mm
9	2	20A	TEE FRP PE 4.8mm
10	1	150A	TEE FRP PE 4.8mm
11	1	200A	TEE FRP PE 4.8mm
12	4	200AX20A	NIPPLE FRP PE 4.8mm
13	10	20A	FLANGE ANSI 150# SO FF
14	2	150A	FLANGE ANSI 150# SO FF
15	4	150A	FLANGE ANSI 150# SO FF
16	2	200A	FLANGE ANSI 150# SO FF
17	8	200A	FLANGE ANSI 150# SO FF
18	40	M16X65L	STUD BOLT/ NUT SUS304
19	16	M22X105L	STUD BOLT/ NUT SUS304
20	32	M22X105L	STUD BOLT/ NUT SUS304
21	24	M22X110L	STUD BOLT/ NUT SUS304
22	32	M22X110L	STUD BOLT/ NUT SUS304
23	32	M22X110L	STUD BOLT/ NUT SUS304
24	10	20A	GASKET ANSI 150# PTFE+RUBBER 3" TH'K.
25	2	150A	GASKET ANSI 150# PTFE+RUBBER 3" TH'K.
26	4	150A	GASKET ANSI 150# PTFE+RUBBER 3" TH'K.
27	2	200A	GASKET ANSI 150# PTFE+RUBBER 3" TH'K.
28	8	200A	GASKET ANSI 150# PTFE+RUBBER 3" TH'K.
29	6	20A	BALL VALVE, FLANGED ANSI 150# FULL BORE
30	2	150A	BALL VALVE, FLANGED ANSI 150# FULL BORE

**NOTE.**

1. 제작전 현장 실측&확인 후 도면과 상이한 경우  
감독관 확인 후 제작 시공 할 것.

						SERVICE	
						PIPE SPEC	FRP
						OPER. / DESIGN PRESSURE	2.0 kg/cm <sup>2</sup> / 5.0 kg/cm <sup>2</sup>
						OPER. / DESIGN TEMPERATURE	40 °C / 80 °C
						P&ID DWG	-
	FOR APPROVAL	2022.05.31	LYE	BHJ	JKT	INSULATION SPEC / THK	BY VENDOR / 25 mm
REV.	DESCRIPTION	DATE	DRAWN	CHKD	APPD	NDT / PWHT / PAINTING	NA / NA / NA

시행령:			
 수 원 시			
사업시행자:			
수원그린환경(주)			
DRAWING NUMBER:			
1032-공간약취1단PUMPDISCH			
LINE NO:	AREA:	UNIT:	TYPE:
1032-공간약취1단PUMPDISCH			
JOB NUMBER:	SCALE:	SHEET:	REV.
	N.T.S.	1 OF 1	A