

NO.	DATE	ZONE	DESCRIPTION	DWN	CHK	APP
△	16.12.23		FOR APPROVAL	L.S.S	M.J.H	P.H.Y
△	18.04.18		REVISION	L.S.S	M.J.H	P.H.Y
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1	PIPE	100A	9.2	M	STS316 EFW BE SCH20S
2	PIPE	150A	-	M	STS316 EFW BE SCH20S
3	PIPE	400A	11.5	M	STS316 EFW BE SCH20S
4	NIPPLE	15A	9	EA	STS316 SMLS PE SCH40S L=150mm
5	SOCKET	15A	8	EA	STS316 SW JPI 3000#
6	90-ELL	100A	6	EA	STS316 LR W BW SCH20S
7	TEE	400A	1	EA	STS316 W BW SCH20S
8	TEE	400A X 250A	1	EA	STS316 W BW SCH20S
9	FLANGE	100A	6	EA	STS316 PN25 SO RF
10	FLANGE	100A	12	EA	STS316 KS20K SO RF
11	FLANGE	150A	2	EA	STS316 KS20K SO RF
12	FLANGE	400A	2	EA	STS316 KS20K SO RF
13	B.FLANGE	400A	2	EA	STS316 KS20K SO RF
14	GASKET	100A	6	EA	20C, 10D PN25 RF 4.5I
15	GASKET	100A	12	EA	20C, 10D KS20K RF 4.5I
16	GASKET	150A	2	EA	20C, 10D PN25 RF 4.5I
17	GASKET	150A	4	EA	20C, 10D KS20K RF 4.5I
18	GASKET	400A	2	EA	20C, 10D KS20K RF 4.5I
19	BOLT/NUT	100A	6	ST	STS PN25 ISOLATION STUD BOLT / NUT
20	BOLT/NUT	100A	12	ST	STS KS20K ISOLATION STUD BOLT / NUT
21	BOLT/NUT	150A	2	ST	STS PN25 ISOLATION STUD BOLT / NUT
22	BOLT/NUT	150A	4	ST	STS KS20K ISOLATION STUD BOLT / NUT
23	BOLT/NUT	400A	2	ST	STS KS20K ISOLATION STUD BOLT / NUT
24	GLOVE V/V	15A	9	EA	SSC13 800# SCRD
25	T,O CHK V/V	100A	6	EA	KS B 1511 20K FLG RF
NO.	DESCRIPTION	SIZE	QTY	Unit	REMARKS

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National Fusion Research Institute

KSTAR PROJECT
KOREA SUPERCONDUCTING TOKAMAK
ADVANCED RESEARCH

VITZRO
VITZROTECH CO., LTD.

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CAD TOOL	AUTOCAD 2016
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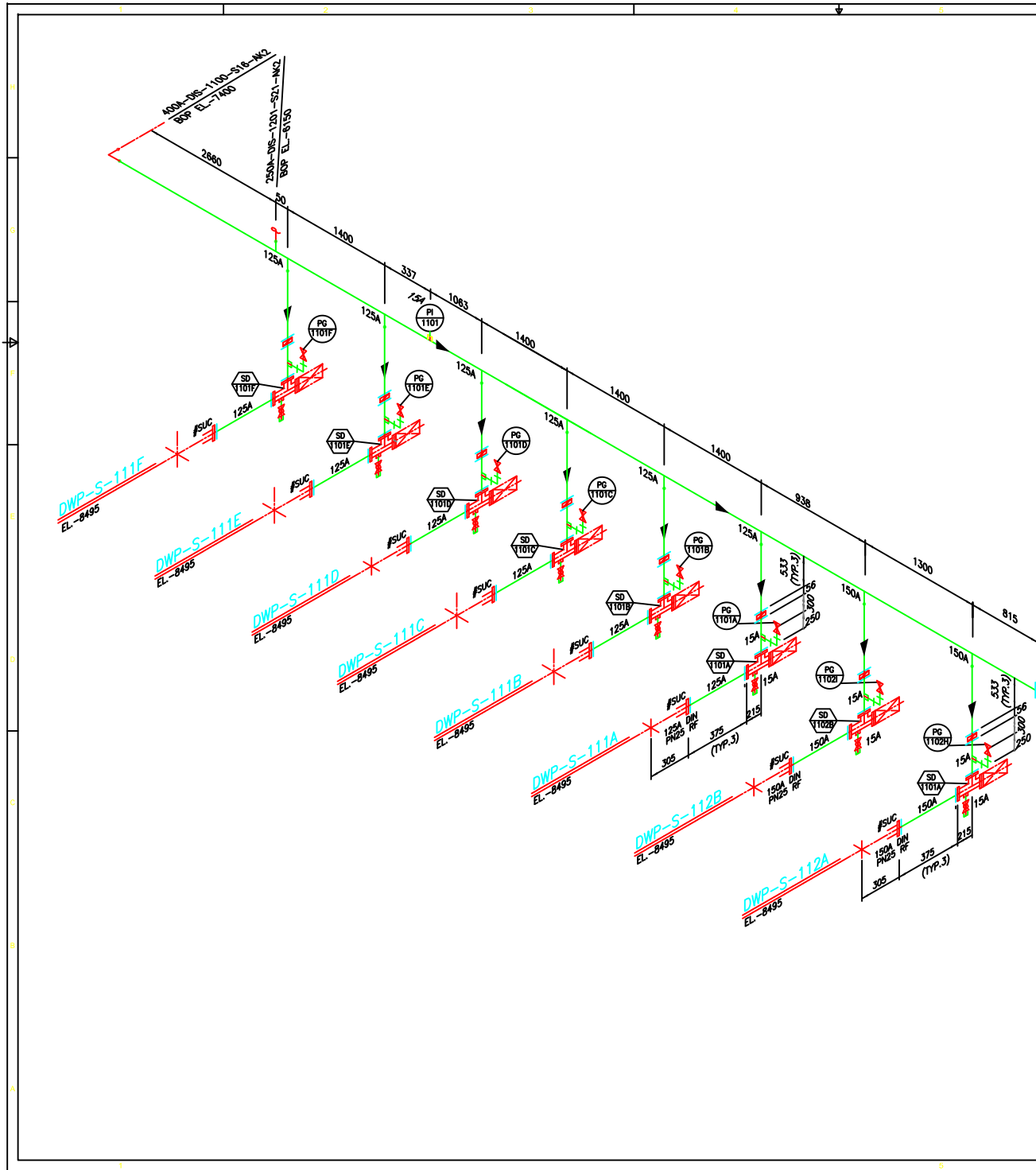
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REFERENCE DWG. NO.	
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DWG. NO.	
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SHEET NO.	00 OF 00
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DWG DATE	2016/12/23	DWG SIZE	A1
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NO.	DATE	ZONE	DESCRIPTION	DWN	CHK	APP
Δ	16.12.23		FOR APPROVAL	L.S.S	M.J.H	P.H.Y
Δ	18.04.18		REVISION	L.S.S	M.J.H	P.H.Y
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DWG. NO.	
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SHEET NO.	00 OF 00
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DWG DATE	2017/10/10	DWG SIZE	A1
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1	PIPE	125A	9.8	M	STS316 EFW BE SCH10S
2	PIPE	150A	-	M	STS316 EFW BE SCH10S
3	PIPE	400A	13	M	STS316 EFW BE SCH10S
4	NIPPLE	15A	16	EA	STS316 SMLS PE SCH40S L=150mm
5	SOCKET	15A	13	EA	STS316 SW JPI 3000#
6	90-ELL	15A	8	EA	STS316 SW JPI 3000#
7	PLUG	15A	8	EA	STS316 SCRD SQUARE HEAD
8	FLANGE	125A	6	EA	STS316 PN16 SO RF
9	FLANGE	125A	24	EA	STS316 KS10K SO RF
10	FLANGE	150A	2	EA	STS316 KS10K SO RF
11	FLANGE	400A	1	EA	STS316 KS10K SO RF
12	B.FLANGE	400A	1	EA	STS316 KS10K RF
13	GASKET	125A	6	EA	20C, 10D PN16 RF 3.0t
14	GASKET	125A	24	EA	20C, 10D KS10K RF 3.0t
15	GASKET	150A	2	EA	20C, 10D PN16 RF 3.0t
16	GASKET	150A	8	EA	20C, 10D KS10K RF 3.0t
17	GASKET	400A	1	EA	20C, 10D KS10K RF 3.0t
18	BOLT/NUT	125A	6	ST	STS PN16 ISOLATION STUD BOLT / NUT
19	BOLT/NUT	125A	18	ST	STS KS10K ISOLATION STUD BOLT / NUT
20	BOLT/NUT	150A	2	ST	STS PN16 ISOLATION STUD BOLT / NUT
21	BOLT/NUT	150A	6	ST	STS KS10K ISOLATION STUD BOLT / NUT
22	BOLT/NUT	400A	2	ST	STS KS10K ISOLATION STUD BOLT / NUT
23	GLOVE V/V	15A	8	EA	SSC13 800# SCRD
24	BALL V/V	15A	8	EA	A182-F304 KS10K F-PT
25	BUTF V/V	125A	6	EA	SCS13 JIS 10K WAFER
26	SUC, DIFF	125Ax125A	6	EA	SUCTION DIFFUSER KS10K RF
NO.	DESCRIPTION	SIZE	QTY	Unit	REMARKS