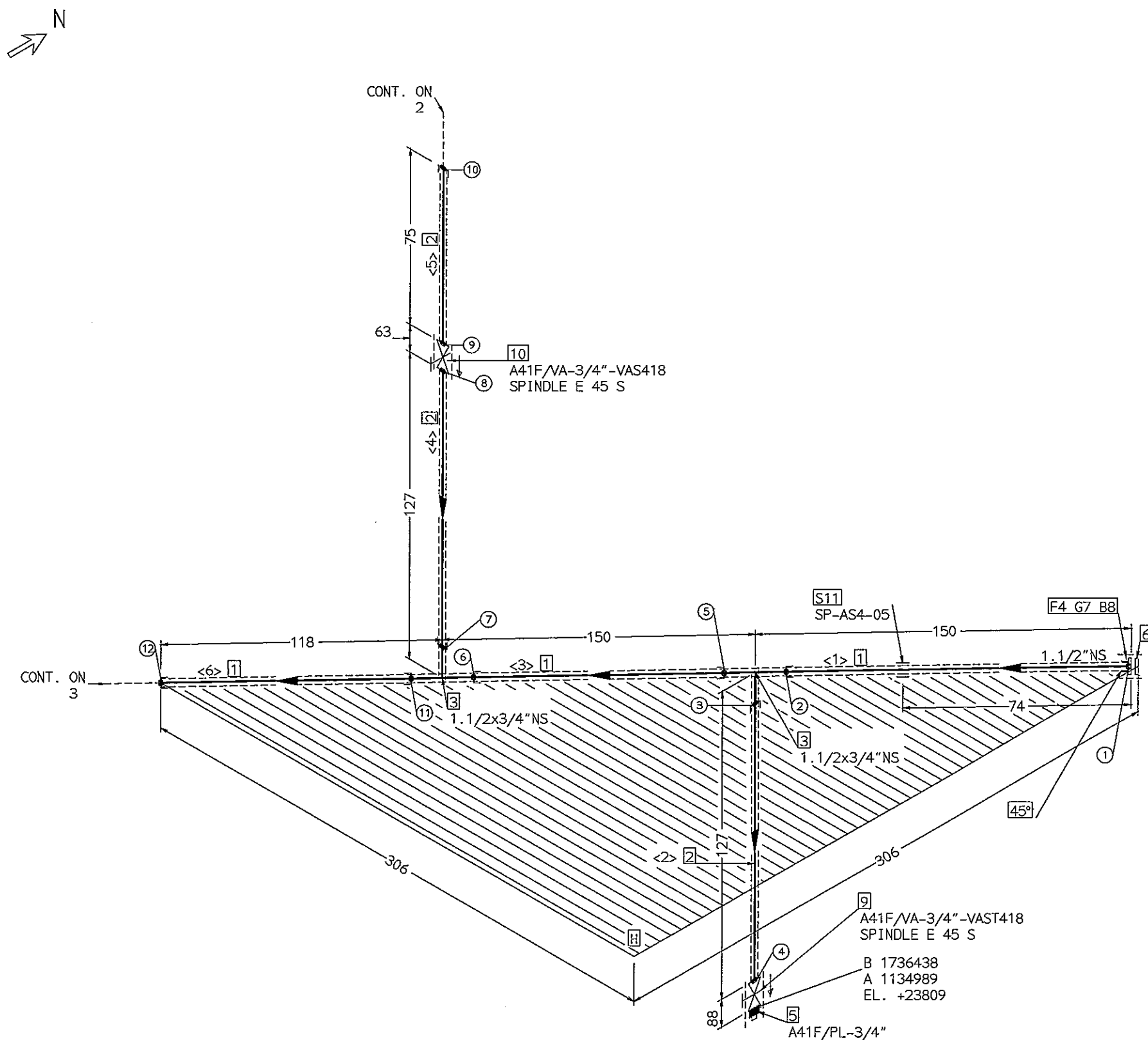


FABRICATION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
PIPE				
1	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	1.1/2	A41F/P-1.1/2"-80	0.3M
2	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	3/4	A41F/P-3/4"-80	0.3M
FITTINGS				
3	REDU TEE CL3000 SW A105 ASME B16.11	1.1/2 x 3/4	A41F/TS-1.1/2"x3/4"	2
FLANGES				
4	FLANGE CL150 RF SW A105 SCH80 BORE ASME B16.5	1.1/2	A41F/FR-1.1/2"	1
ERECTION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
FITTINGS				
5	PLUG A105 HEXAGONAL TYPE SCRD(M-NPT) ASME B16.11	3/4	A41F/PL-3/4"	1
FLANGES				
6	BLIND FLANGE CL150 RF A105 ASME B16.5	1.1/2	A41F/FBR-1.1/2"	1
GASKETS				
7	GASKET CL150 RF 4.5mm 316SS SPIRAL WOUND FILLER FLEXIBLE GRAPHITE INNER RING 316SS OUTER RING LOW CS (G214ACM) ASME B16.20	1.1/2	A41F/GR-1.1/2"-G214ACM	1
BOLTS				
8	70 MM LONG STUD BOLT . M12 A193 GR.B7 W/HEX HEAD HEAVY NUT A194 GR.2H		A41F/BSF-1.1/2"-70	4
COMPONENTS				
9	GATE VALVE CL800 SW/SCRD(NPT) A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAST418)	3/4	A41F/VA-3/4"-VAST418	1
10	GATE VALVE CL800 SW A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAS418)	3/4	A41F/VA-3/4"-VAS418	1
SUPPORTS				
11	SPECIAL SUPPORT (SP-AS4-05)	1.1/2	SUP/AS4-1.1/2"	1

CUT PIPE LENGTH							
PIECE NO	CUT LENGTH (INS)	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH (INS)	N.S. (INS)	REMARKS
<1>	112	1.1/2		<2>	100	3/4	
<3>	86	1.1/2		<4>	100	3/4	
<5>	75	3/4		<6>	86	1.1/2	



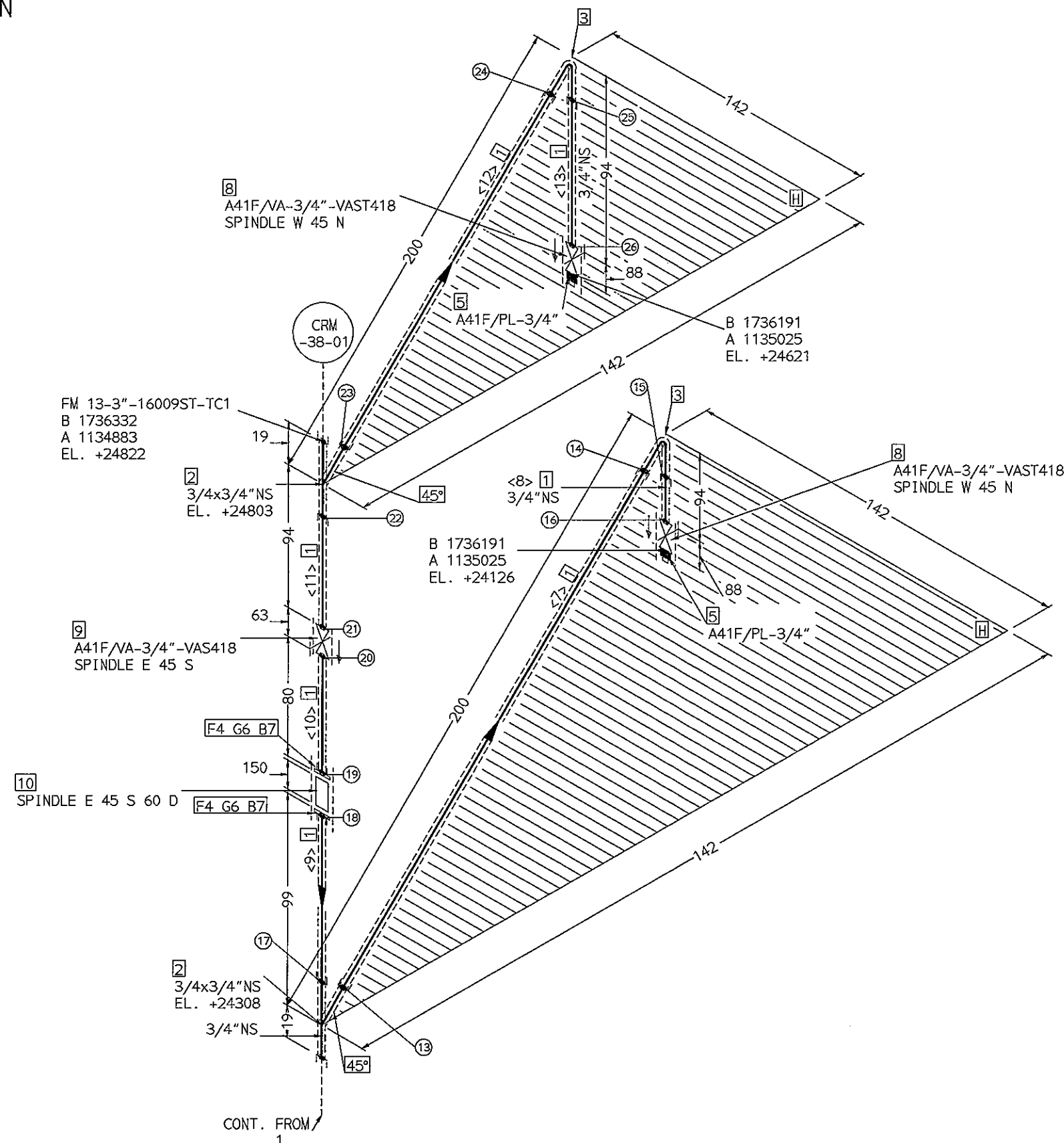
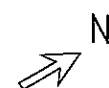
FOR CONSTRUCTION

September,05 2011

△						DPR. PRESS.: 0.17 MPa(G)	DPR. TEMP.: 130 °C	CLASS: A41F	DWN. C.T.LEE	08/31/2011	REVIEWED	富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD. 腾龙芳烃(漳州)80万吨/年对二甲苯工程 CSU/VDU 装置			
△						DES. PRESS.: 0.35/FV MPa(G)	DES. TEMP.: 148 °C	INSULATION : H30	DESN. K.W.CHIANG	08/31/2011					
△						HYDRO TEST: WATER 0.525 MPa(G)	PWHT : NO	TRACING : ---	CHK. Y.C.CHOU	08/31/2011					
△						PAINTING : PER SPEC.	STEAM OUT: NO	RT : 10 %	APPR. A.F.WU	08/31/2011					
△	08/31/2011	FOR CONSTRUCTION	C.T.LEE	Y.C.CHOU	A.F.WU	WELDED FIELD WELDED SOCKET THREAD COUPLING FIELD CONN. SUPPORT STEAM TRACE INSULATION 				DWG NO.: 133C,135B/C/D/E/F		CONTRACT: C192502	LINE NO. :	SHT.	ISSUE
REV. NO.	DATE	REVISION DESCRIPTION	BY	CHK.	APPR.					DIA. NO.: 1208-016/036		FILE NO.: 13-LLCCRM38-1	13-1.1/2"-LLC-CRM38-A41F-H	1 OF 8	0

FABRICATION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
PIPE				
1	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	3/4	A41F/P-3/4"-80	0.7M
FITTINGS				
2	TEE CL3000 SW A105 ASME B16.11	3/4 x 3/4	A41F/TS-3/4"	2
3	90 DEG. ELBOW CL3000 SW A105 ASME B16.11	3/4	A41F/ES-3/4"X90	2
FLANGES				
4	FLANGE CL150 RF SW A105 SCH80 BORE ASME B16.5	3/4	A41F/FR-3/4"	2
ERECTION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
FITTINGS				
5	PLUG A105 HEXAGONAL TYPE SCRD(M-NPT) ASME B16.11	3/4	A41F/PL-3/4"	2
GASKETS				
6	GASKET CL150 RF 4.5mm 316SS SPIRAL WOUND FILLER FLEXIBLE GRAPHITE INNER RING 316SS OUTER RING LOW CS (G214ACM) ASME B16.20	3/4	A41F/GR-3/4"-G214ACM	2
BOLTS				
7	70 MM LONG STUD BOLT . M12 A193 GR.B7 W/HEX HEAD HEAVY NUT A194 GR.2H		A41F/BSF-3/4"-70	8
COMPONENTS				
8	GATE VALVE CL800 SW/SCRD(NPT) A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAST418)	3/4	A41F/VA-3/4"-VAST418	2
9	GATE VALVE CL800 SW A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAS418)	3/4	A41F/VA-3/4"-VAS418	1
INSTRUMENTS				
10	TRAP CL150 RF	3/4	A41F/TRAP-3/4"	1

CUT PIPE LENGTH							
PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS
<7>	162	3/4		<8>	75	3/4	
<9>	75	3/4		<10>	75	3/4	
<11>	75	3/4		<12>	162	3/4	
<13>	75	3/4					



FOR CONSTRUCTION

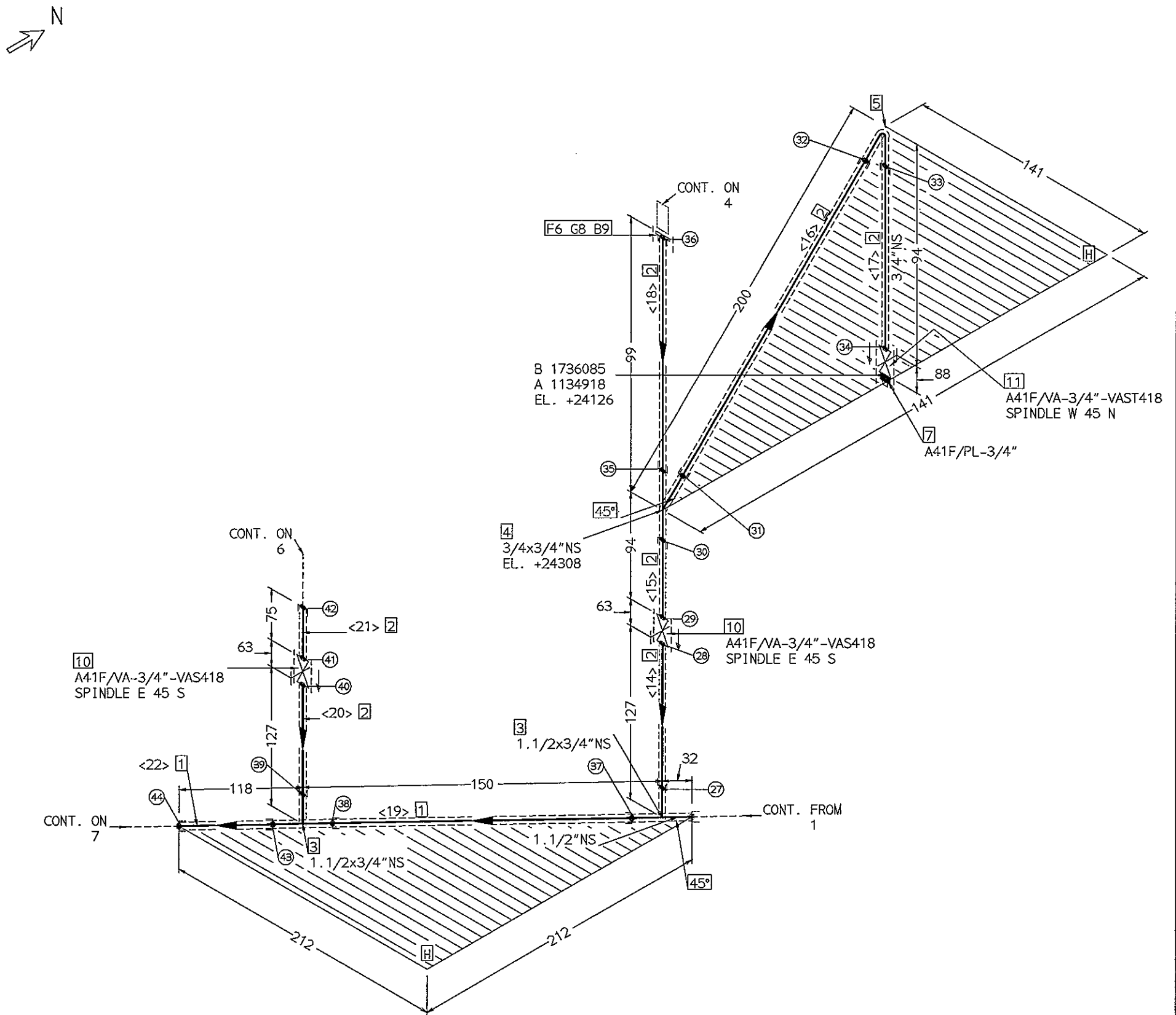
September,05 2011

△						OPR. PRESS.: 0.17 MPa(G)	OPR. TEMP.: 130 °C	CLASS: A41F	DWN. C.T.LEE	08/31/2011	REVIEWED		富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD. 腾龙芳烃(漳州)80万吨/年对二甲苯工程 CSU/VDU 装置			
△						DES. PRESS.: 0.35/FV MPa(G)	DES. TEMP.: 148 °C	INSULATION : H30	DESN. K.W.CHANG	08/31/2011						
△						HYDRO TEST: WATER 0.525 MPa(G)	PWHT : NO	TRACING : ---	CHK. Y.C.CHOU	08/31/2011						
△						PAINTING : PER SPEC.	STEAM OUT: NO	RT : 10	APPR. A.F.WU	08/31/2011						
△	08/31/2011	FOR CONSTRUCTION	C.T.LEE	Y.C.CHOU	A.F.WU	WELDED FIELD WELDED SOCKET THREAD COUPLING FIELD CONN. SUPPORT STEAM TRACE INSULATION 				DWG NO.: 133C.135B/C/D/E/F		CONTRACT: C192502	LINE NO.:		SHT.	ISSUE
REV. NO.	DATE	REVISION DESCRIPTION	BY	CHK.	APPR.					DIA. NO.: 1208-016/036		FILE NO.: 13-LLCCRM38-2	13-1.1/2"-LLC-CRM38-A41F-H		2 OF 8	0

FABRICATION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
PIPE				
1	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	1.1/2	A41F/P-1.1/2"-80	0.2M
2	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	3/4	A41F/P-3/4"-80	0.7M
FITTINGS				
3	REDU TEE CL3000 SW A105 ASME B16.11	1.1/2 x 3/4	A41F/TS-1.1/2"x3/4"	2
4	TEE CL3000 SW A105 ASME B16.11	3/4 x 3/4	A41F/TS-3/4"	1
5	90 DEG. ELBOW CL3000 SW A105 ASME B16.11	3/4	A41F/ES-3/4"x90	1
FLANGES				
6	FLANGE CL150 RF SW A105 SCH80 BORE ASME B16.5	3/4	A41F/FR-3/4"	1
ERECTION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
FITTINGS				
7	PLUG A105 HEXAGONAL TYPE SCRD(M-NPT) ASME B16.11	3/4	A41F/PL-3/4"	1
GASKETS				
8	GASKET CL150 RF 4.5mm 316SS SPIRAL WOUND FILLER FLEXIBLE GRAPHITE INNER RING 316SS OUTER RING LOW CS (G214ACM) ASME B16.20	3/4	A41F/GR-3/4"-G214ACM	1
BOLTS				
9	70 MM LONG STUD BOLT . M12 A193 GR.B7 W/HEX HEAD HEAVY NUT A194 GR.2H		A41F/BSF-3/4"-70	4
COMPONENTS				
10	GATE VALVE CL800 SW A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAS418)	3/4	A41F/VA-3/4"-VAS418	2
11	GATE VALVE CL800 SW/SCRD(NPT) A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAST418)	3/4	A41F/VA-3/4"-VAST418	1

CUT PIPE LENGTH							
PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS
<14>	100	3/4		<15>	75	3/4	
<16>	161	3/4		<17>	75	3/4	
<18>	75	3/4		<19>	86	1.1/2	
<20>	100	3/4		<21>	75	3/4	
<22>	86	1.1/2					

△						OPR. PRESS.: 0.17 MPa(G)	OPR. TEMP.: 130 °C	CLASS: A41F	DWN. C.T.LEE	08/31/2011	REVIEWED	富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD. 腾龙芳烃(漳州)80万吨/年对二甲苯工程 CSU/VDU 装置			
△						DES. PRESS.: 0.35/FV MPa(G)	DES. TEMP.: 148 °C	INSULATION : H30	DESN. K.W.CHIANG	08/31/2011					
△						HYDRD TEST: WATER 0.525 MPa(G)	PWHT : NO	TRACING : ---	CHK. Y.C.CHOU	08/31/2011					
△						PAINTING : PER SPEC.	STEAM OUT: NO	RT : 10	APPR. A.F.WU	08/31/2011					
△	08/31/2011	FOR CONSTRUCTION	C.T.LEE	Y.C.CHOU	A.F.WU	WELDED FIELD WELDED SOCKET THREAD COUPLING FIELD CONN. SUPPORT STEAM TRACE INSULATION				DWG NO.: 133C,135B/C/D/E/F		CONTRACT: C192502	LINE NO.:	SHT.	ISSUE
REV. NO.	DATE	REVISION DESCRIPTION	BY	CHK.	APPR.					DIA. NO.: 1208-016/036		FILE NO.: 13-LLCCRM38-3	13-1.1/2"-LLC-CRM38-A41F-H	3 OF 8	0

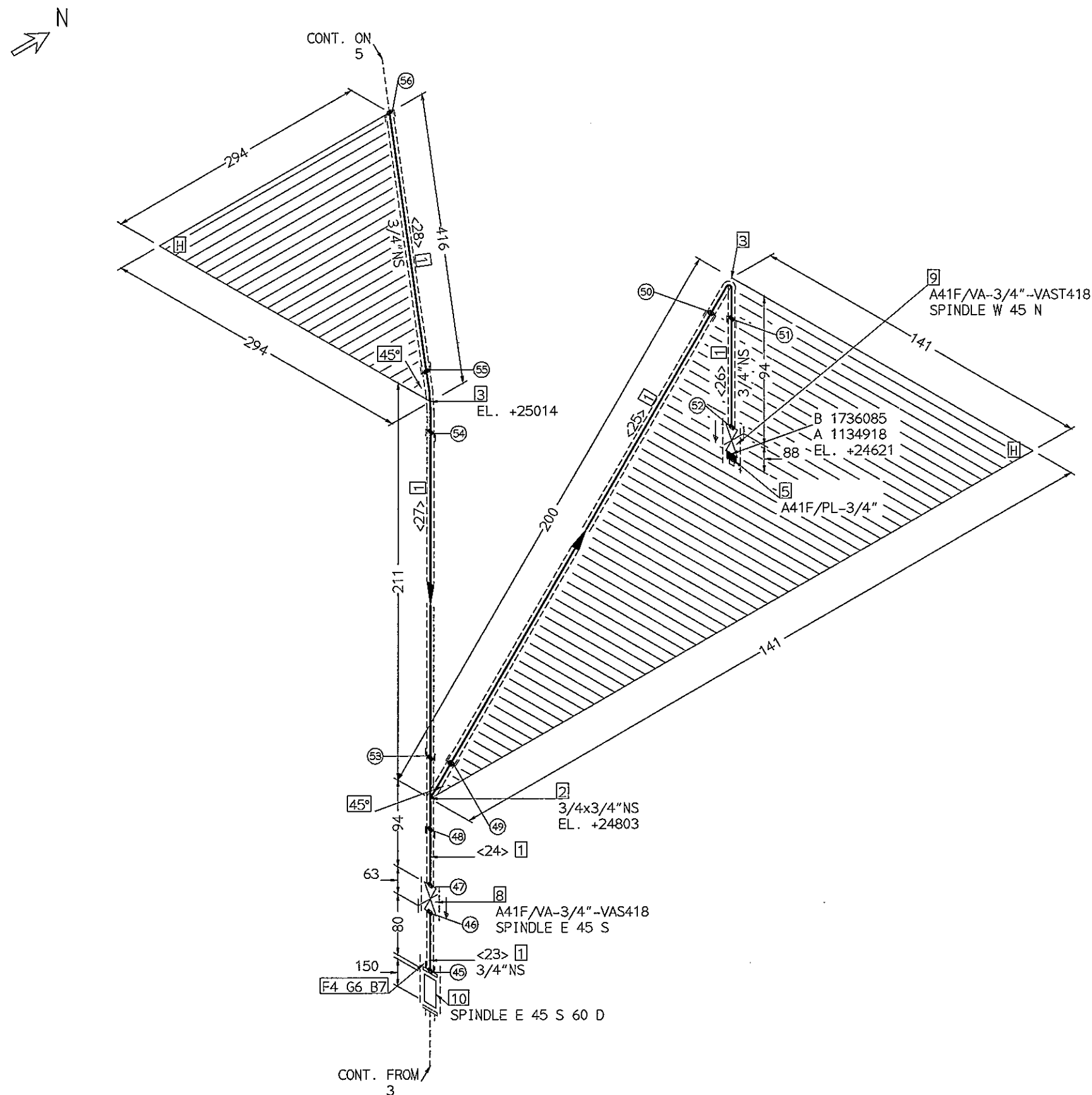


FOR CONSTRUCTION

September,05 2011

FABRICATION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
PIPE				
1	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	3/4	A41F/P-3/4"-80	1.0M
FITTINGS				
2	TEE CL3000 SW A105 ASME B16.11	3/4 x 3/4	A41F/TS-3/4"	1
3	90 DEG. ELBOW CL3000 SW A105 ASME B16.11	3/4	A41F/ES-3/4"X90	2
FLANGES				
4	FLANGE CL150 RF SW A105 SCH80 BORE ASME B16.5	3/4	A41F/FR-3/4"	1
ERECTION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
FITTINGS				
5	PLUG A105 HEXAGONAL TYPE SCRD(W-NPT) ASME B16.11	3/4	A41F/PL-3/4"	1
GASKETS				
6	GASKET CL150 RF 4.5mm 316SS SPIRAL WOUND FILLER FLEXIBLE GRAPHITE INNER RING 316SS OUTER RING LOW CS (G214ACM) ASME B16.20	3/4	A41F/GR-3/4"-G214ACM	1
BOLTS				
7	70 MM LONG STUD BOLT . M12 A193 GR.B7 W/HEX HEAD HEAVY NUT A194 GR.2H		A41F/BSF-3/4"-70	4
COMPONENTS				
8	GATE VALVE CL800 SW A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAS418)	3/4	A41F/VA-3/4"-VAS418	1
9	GATE VALVE CL800 SW/SCRD(NPT) A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAST418)	3/4	A41F/VA-3/4"-VAST418	1
INSTRUMENTS				
10	TRAP CL150 RF	3/4	A41F/TRAP-3/4"	1

CUT PIPE LENGTH						
PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)
<23>	75	3/4		<24>	75	3/4
<25>	161	3/4		<26>	75	3/4
<27>	172	3/4		<28>	397	3/4



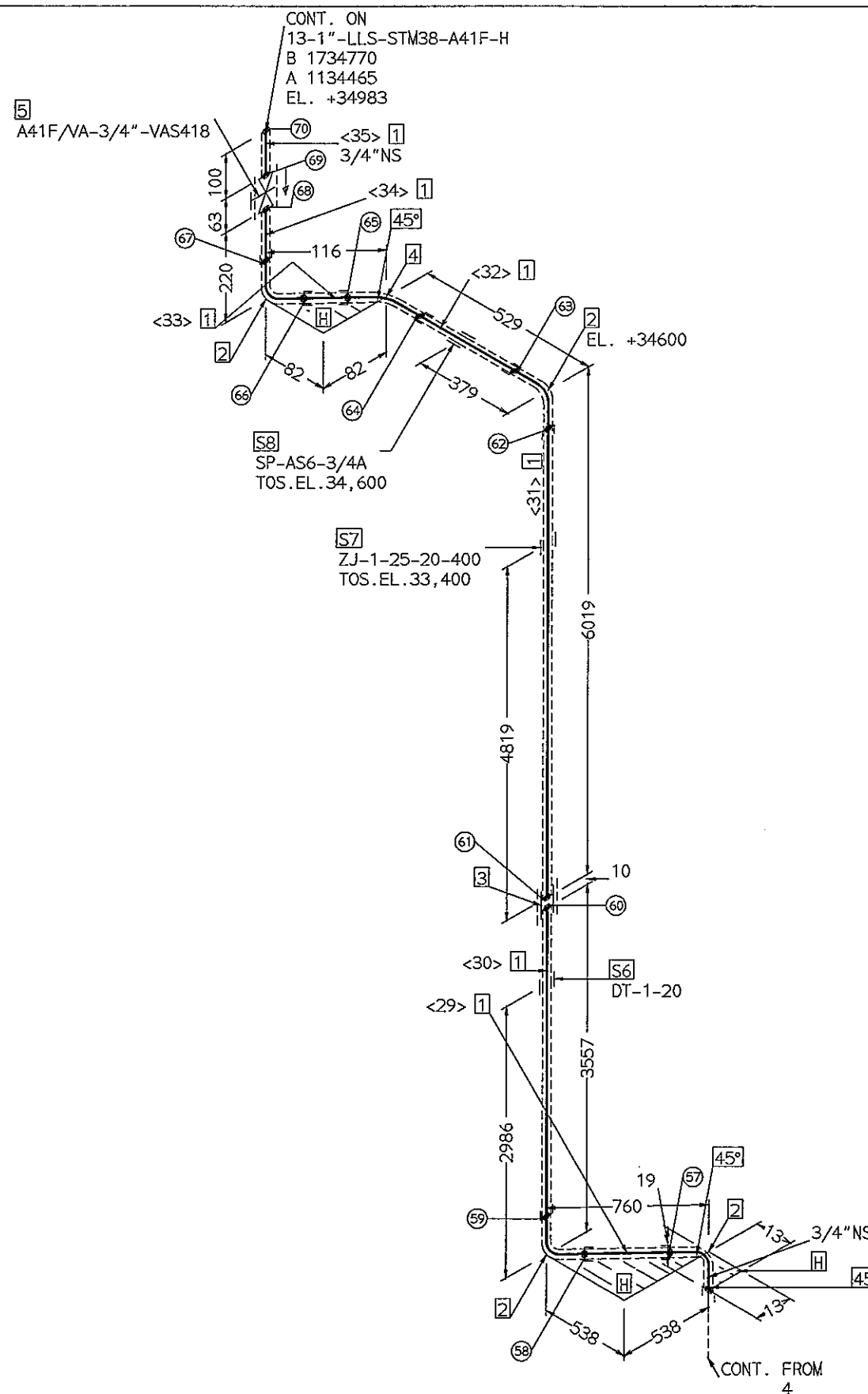
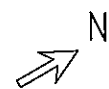
FOR CONSTRUCTION

September,05 2011

△						OPR. PRESS.: 0.17 MPa(G)	OPR. TEMP.: 130 °C	CLASS: A41F	DWN. C.T.LEE	08/31/2011	REVIEWED		富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD. 腾龙芳烃(漳州)80万吨/年对二甲苯工程 CSU/VDU 装置			
△						DES. PRESS.: 0.35/FV MPa(G)	DES. TEMP.: 148 °C	INSULATION : H30	DESN. K.W.CHANG	08/31/2011						
△						HYDRO TEST: WATER 0.525 MPa(G)	PWHT : NO	TRACING : ---	CHK. Y.C.CHOU	08/31/2011						
△						PAINTING : PER SPEC.	STEAM OUT: NO	RT : 10 %	APPR. A.F.WU	08/31/2011						
△	08/31/2011	FOR CONSTRUCTION	C.T.LEE	Y.C.CHOU	A.F.WU	WELDED FIELD WELDED SOCKET THREAD COUPLING FIELD CONN. SUPPORT STEAM TRACE INSULATION 				DWG NO.: 133C.1358/C/D/E/F		CONTRACT: C192502	LINE NO.:		SHT.	ISSUE
REV. NO.	DATE	REVISION DESCRIPTION	BY	CHK.	APPR.					DIA. NO.: 1208-016/036		FILE NO.: 13-LLCCRM38-4	13-1.1/2"-LLC-CRM38-A41F-H		4 OF 8	0

FABRICATION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
PIPE				
1	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	3/4	A41F/P-3/4"-80	11.2M
FITTINGS				
2	90 DEG. ELBOW CL3000 SW A105 ASME B16.11	3/4	A41F/ES-3/4"X90	4
3	FULL COUPLING CL3000 SW A105 ASME B16.11	3/4	A41F/CFS-3/4"	1
4	45 DEG. ELBOW CL3000 SW A105 ASME B16.11	3/4	A41F/ES-3/4"X45	1
ERECTION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
COMPONENTS				
5	GATE VALVE CL800 SW A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAS418)	3/4	A41F/VA-3/4"-VAS418	1
SUPPORTS				
6	PIPE SUPPORT (DT-1-20)	3/4	SUP/DT-1-3/4"	1
7	PIPE SUPPORT (ZJ-1-25-20-400 TOS.EL.33,400)	3/4	SUP/ZJ-1-25-3/4"	1
8	SPECIAL SUPPORT (SP-AS6-3/4A TOS.EL.34,600)	3/4	SUP/AS6-3/4"	1

CUT PIPE LENGTH						
PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)
<29>	722	3/4		<30>	3538	3/4
<31>	6000	3/4		<32>	497	3/4
<33>	84	3/4		<34>	201	3/4
<35>	100	3/4				



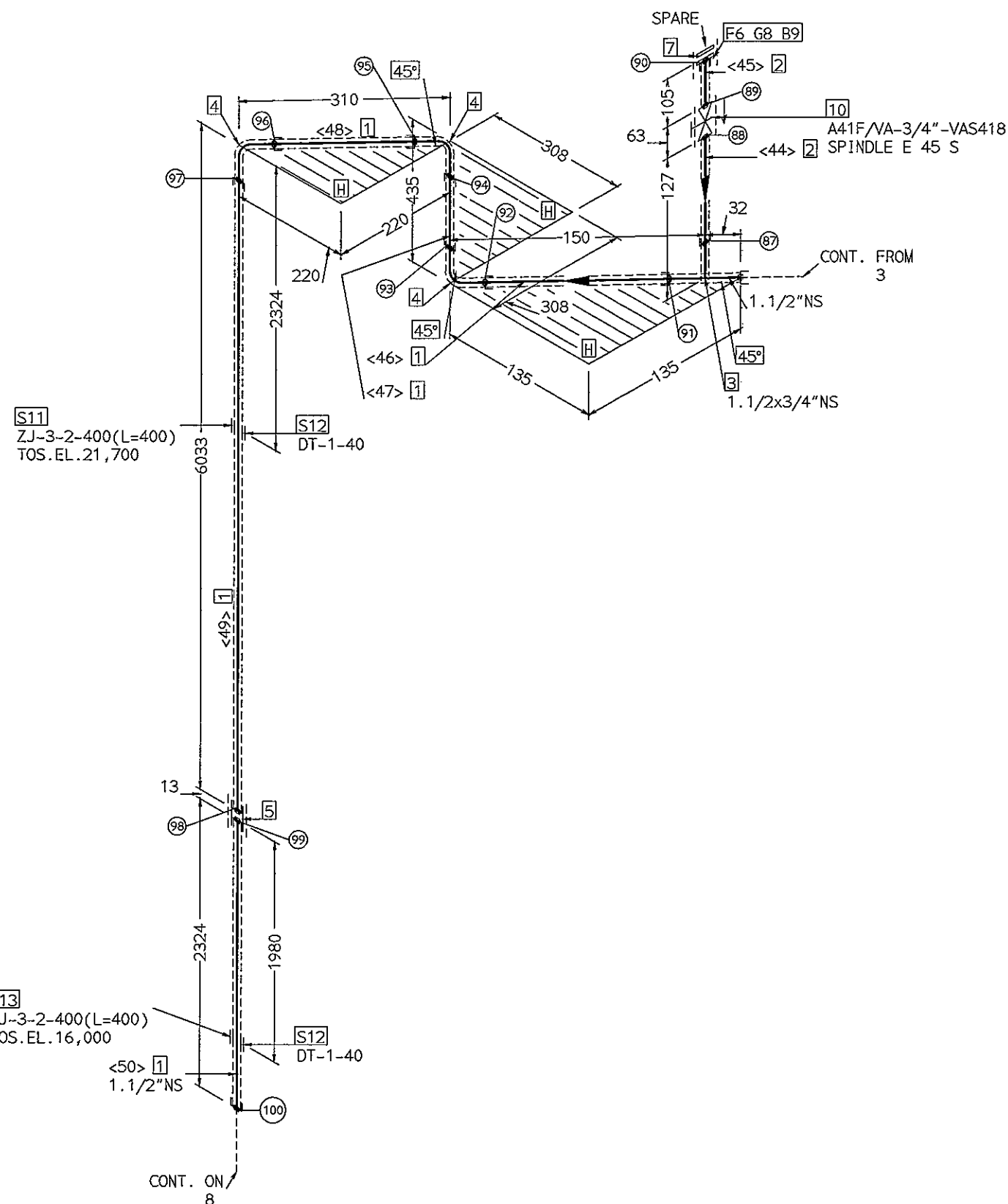
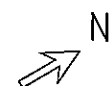
FOR CONSTRUCTION

September,05 2011

△						DPR. PRESS.: 0.17 MPa(G)	OPR. TEMP.: 130 °C	CLASS: A41F	DWN. C.T.LEE	08/31/2011	REVIEWED	富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD.				
△						DES. PRESS.: 0.35/FV MPa(G)	DES. TEMP.: 148 °C	INSULATION : H30	DESN. K.W.CHANG	08/31/2011						
△						HYDRO TEST: WATER 0.525 MPa(G)	PWHT : NO	TRACING : ---	CHK. Y.C.CHOU	08/31/2011			腾龙芳烃(漳州)80万吨/年对二甲苯工程 CSU/VDU 装置			
△						PAINTING : PER SPEC.	STEAM OUT: NO	RT : 10 %	APPR. A.F.WU	08/31/2011						
△	08/31/2011	FOR CONSTRUCTION	C.T.LEE	Y.C.CHOU	A.F.WU	WELDED FIELD WELDED SOCKET THREAD COUPLING FIELD CONN. SUPPORT STEAM TRACE INSULATION				DWG NO.: 133C,135B/C/D/E/F		CONTRACT: C192502	LINE NO.:	SHT.	ISSUE	
REV. NO.	DATE	REVISION DESCRIPTION	BY	CHK.	APPR.	        				DIA. NO.: 1208-016/036		FILE NO.: 13-LLCCRM38-5	13-1.1/2"-LLC-CRM38-A41F-H		5 OF 8	0

FABRICATION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
PIPE				
1	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	1.1/2	A41F/P-1.1/2"-80	9.1M
2	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	3/4	A41F/P-3/4"-80	0.2M
FITTINGS				
3	REDU TEE CL3000 SW A105 ASME B16.11	1.1/2 x 3/4	A41F/TS-1.1/2"x3/4"	1
4	90 DEG. ELBOW CL3000 SW A105 ASME B16.11	1.1/2	A41F/ES-1.1/2"x90	3
5	FULL COUPLING CL3000 SW A105 ASME B16.11	1.1/2	A41F/CFS-1.1/2"	1
FLANGES				
6	FLANGE CL150 RF SW A105 SCH80 BORE ASME B16.5	3/4	A41F/FR-3/4"	1
ERECTION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
FLANGES				
7	BLIND FLANGE CL150 RF A105 ASME B16.5	3/4	A41F/FBR-3/4"	1
GASKETS				
8	GASKET CL150 RF 4.5mm 316SS SPIRAL WOUND FILLER FLEXIBLE GRAPHITE INNER RING 316SS OUTER RING LOW CS (G214ACM) ASME B16.20	3/4	A41F/GR-3/4"-G214ACM	1
BOLTS				
9	70 MM LONG STUD BOLT . M12 A193 GR.B7 W/HEX HEAD HEAVY NUT A194 GR.2H		A41F/BSF-3/4"-70	4
COMPONENTS				
10	GATE VALVE CL800 SW A105 BODY #8 TRIM SOLID WEDGE OS&Y BB API602 BY MFR (VAS418)	3/4	A41F/VA-3/4"-VAS418	1
SUPPORTS				
11	PIPE SUPPORT (ZJ-3-2-400(L=400) TOS.EL.21,700)	1.1/2	SUP/ZJ-3-2-1.1/2"	1
12	PIPE SUPPORT (DT-1-40)	1.1/2	SUP/DT-1-1.1/2"	2
13	PIPE SUPPORT (ZJ-3-2-400(L=400) TOS.EL.16,000)	1.1/2	SUP/ZJ-3-2-1.1/2"	1

CUT PIPE LENGTH							
PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS
<44>	100	3/4		<45>	100	3/4	
<46>	86	1.1/2		<47>	371	1.1/2	
<48>	246	1.1/2		<49>	6000	1.1/2	
<50>	2324	1.1/2					



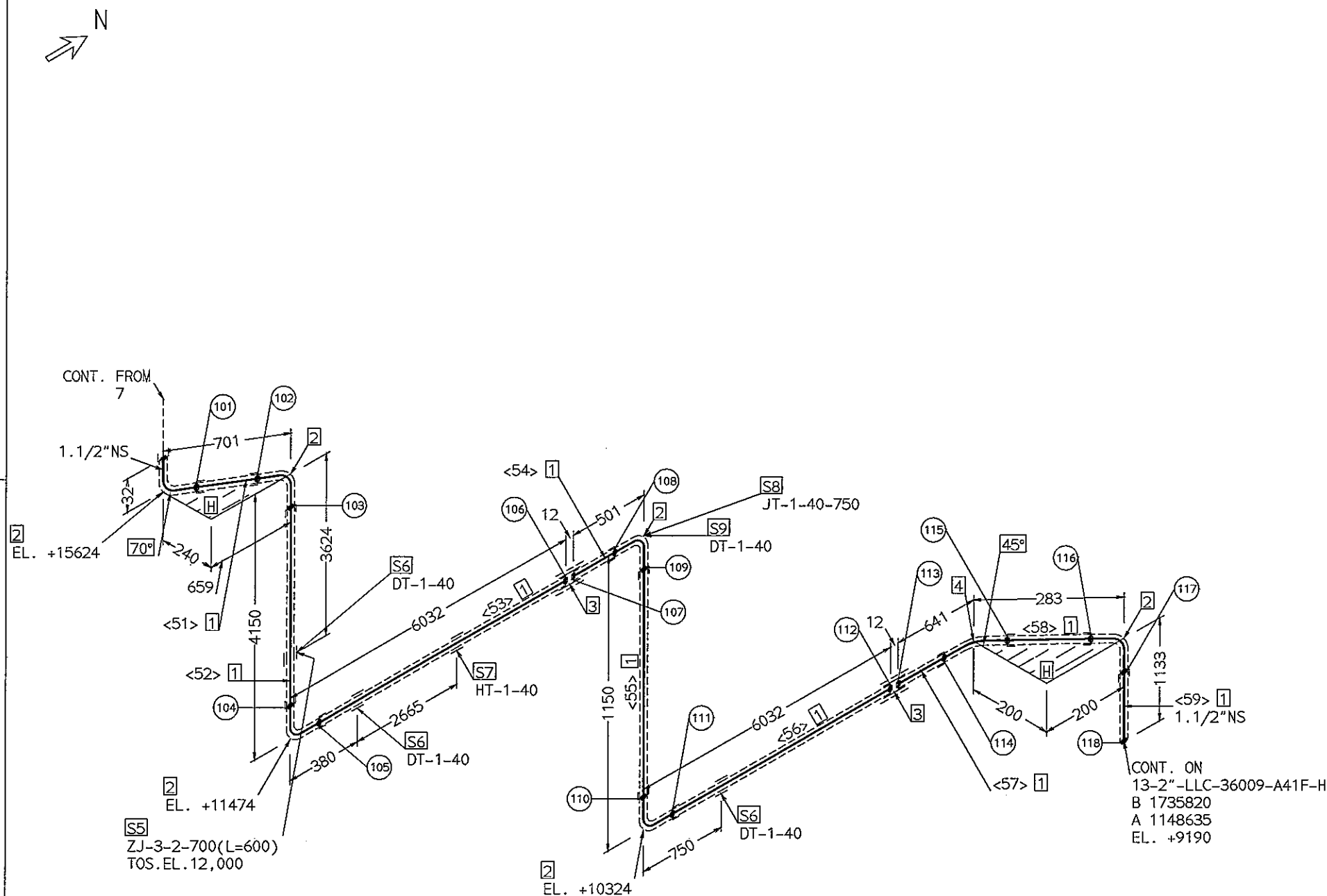
FOR CONSTRUCTION

September,05 2011

△						OPR. PRESS.: 0.17 MPa(G)	OPR. TEMP.: 130 °C	CLASS: A41F	DWN. C.T.LEE	08/31/2011	REVIEWED	富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD. 腾龙芳烃(漳州)80万吨/年对二甲苯工程 CSU/VDU 装置		
△						DES. PRESS.: 0.35/FV MPa(G)	DES. TEMP.: 148 °C	INSULATION : H30	DESN. K.W.CHIANG	08/31/2011				
△						HYDRQ TEST: WATER 0.525 MPa(G)	PWHT : NO	TRACING : ---	CHK. Y.C.CHOU	08/31/2011				
△						PAINTING : PER SPEC.	STEAM OUT: NO	RT : 10 %	APPR. A.F.WU	08/31/2011				
△	08/31/2011	FOR CONSTRUCTION	C.T.LEE	Y.C.CHOU	A.F.WU	WELDED FIELD WELDED SOCKET THREAD COUPLING FIELD CONN. SUPPORT STEAM TRACE INSULATION 				DWG NO.: 133C,135B/C/D/E/F	CONTRACT: C192502	LINE NO.:	SHT.	ISSUE
REV. NO.	DATE	REVISION DESCRIPTION	BY	CHK.	APPR.					DIA. NO.: 1208-016/036	FILE NO.: 13-LLCCRM38-7	13-1.1/2"-LLC-CRM38-A41F-H	7 OF 8	0

FABRICATION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
PIPE				
1	PIPE A106 GR.B SCH80 SMLS PE ASME B36.10M	1.1/2	A41F/P-1.1/2"-80	20.3M
FITTINGS				
2	90 DEG. ELBOW CL3000 SW A105 ASME B16.11	1.1/2	A41F/ES-1.1/2"X90	6
3	FULL COUPLING CL3000 SW A105 ASME B16.11	1.1/2	A41F/CFS-1.1/2"	2
4	45 DEG. ELBOW CL3000 SW A105 ASME B16.11	1.1/2	A41F/ES-1.1/2"X45	1
ERECTION MATERIALS				
PT NO	DESCRIPTION & MATERIAL	N.S. (INS)	ITEM CODE	QTY
SUPPORTS				
5	PIPE SUPPORT (ZJ-3-2-700(L=600) TOS.EL. 12,000)	1.1/2	SUP/ZJ-3-2-1.1/2"	1
6	PIPE SUPPORT (DT-1-40)	1.1/2	SUP/DT-1-1.1/2"	3
7	PIPE SUPPORT (HT-1-40)	1.1/2	SUP/HT-1-1.1/2"	1
8	PIPE SUPPORT (JT-1-40-750)	1.1/2	SUP/JT-1-1.1/2"	1
9	PIPE SUPPORT (DT-1-40)	1.1/2	SUP/DT-1-1.1/2"N	1

CUT PIPE LENGTH							
PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS
<51>	637	1.1/2		<52>	4087	1.1/2	
<53>	6000	1.1/2		<54>	469	1.1/2	
<55>	1087	1.1/2		<56>	6000	1.1/2	
<57>	620	1.1/2		<58>	231	1.1/2	
<59>	1102	1.1/2					



FOR CONSTRUCTION

September,05 2011

△						OPR. PRESS.: 0.17 MPa(G)	OPR. TEMP.: 130 °C	CLASS: A41F	DWN. C.T.LEE	08/31/2011	REVIEWED	富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD. 腾龙芳烃(漳州)80万吨/年对二甲苯工程 CSU/VDU 装置					
△						DES. PRESS.: 0.35/FV MPa(G)	DES. TEMP.: 148 °C	INSULATION : H30	DESN. K.W.CHANG	08/31/2011							
△						HYDRO TEST: WATER 0.525 MPa(G)	PWHT : NO	TRACING : ---	CHK. Y.C.CHOU	08/31/2011							
△						PAINTING : PER SPEC.	STEAM OUT: NO	RT : 10	APPR. A.F.WU	08/31/2011							
△	08/31/2011	FOR CONSTRUCTION	C.T.LEE	Y.C.CHOU	A.F.WU	WELDED FIELD WELDED SOCKET THREAD COUPLING FIELD CONN. SUPPORT STEAM TRACE INSULATION 				DWG NO.: 133C,135B/C/D/E/F		CONTRACT: C192502		LINE NO.:		SHT.	ISSUE
REV. NO.	DATE	REVISION DESCRIPTION	BY	CHK.	APPR.					DIA. NO.: 1208-016/036		FILE NO.: 13-LLCCRM38-8		13-1.1/2"-LLC-CRM38-A41F-H		8 OF 8	0