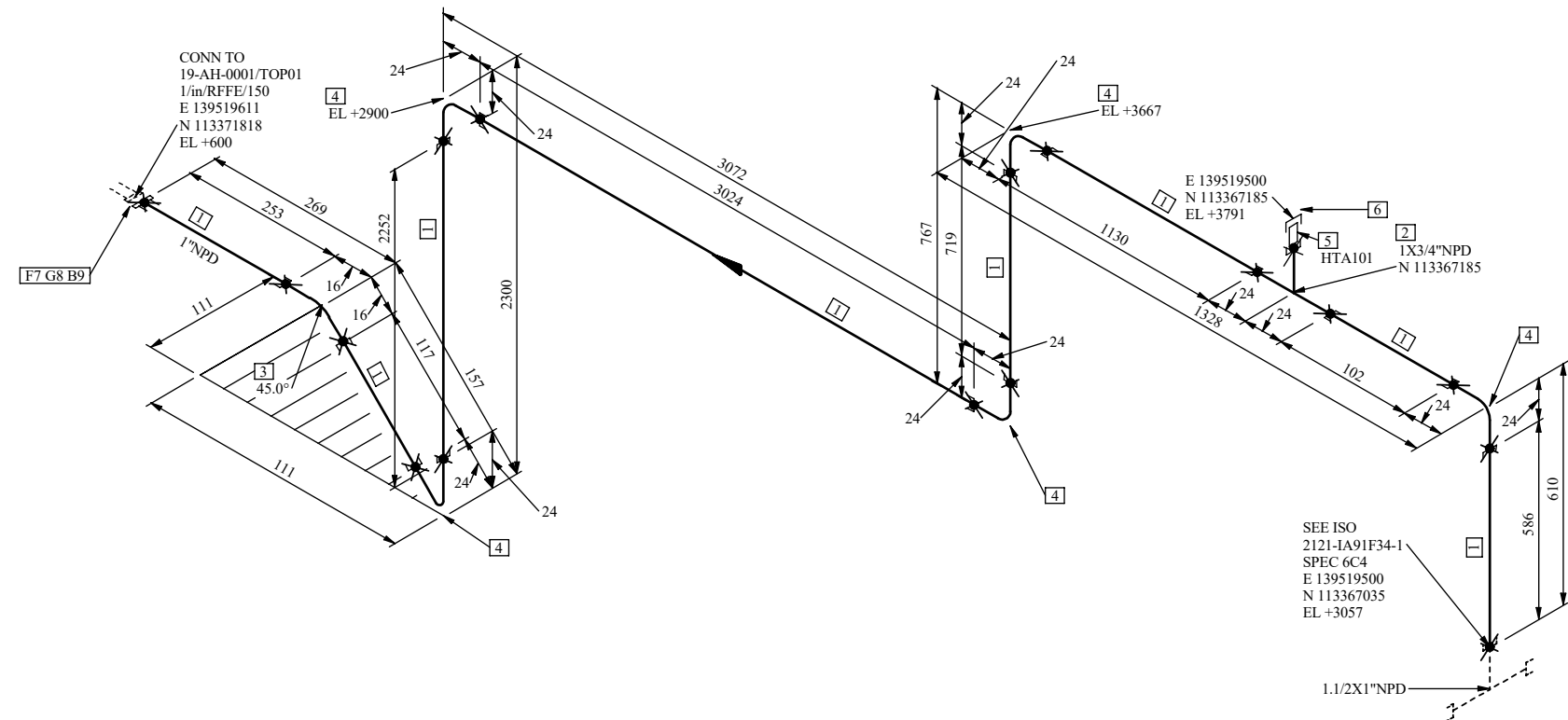


EXTR. DATE: 08-02-2024 22:12:51 STREAM NO.: 3250 STREAM REV. NO.: 10 REV. CAUSE ID: 23



BILL OF MATERIAL								
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS			
PIPE								
1	PIPE - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-40S <PIPB04DA2140S> (L-PIP111)	1	12257939	8.2 M				
FITTINGS								
2	REDUCING TEE ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R12FNL2A1101 NREQD <RTEB450LBK13/4> (L-RTE18)	1X3/4	12258205	1				
3	45 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R32FNL2A1101 NREQD <45FB450LBK1> (L-45F04)	1	12258129	1				
4	90 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R31FNL2A1103 NREQD <90FB450LBK1> (L-90F05)	1	12258117	5				
5	NIPPLE - - A312-TP304/304L DUAL GR PE MTE SMLS LENGTH 100mm R03AQL2CZW04 S-80S <NTOB04DE2110424> (L-NT009)	3/4	12258068	1				
6	CAP ASME B16.11 3000# A182-F304/304L DUAL GR FTE NREQD - R41FNL2A2001 NREQD <CATB450KBK3/4> (L-CAT04)	3/4	12259129	1				
FLANGES								
7	SW FLANGE ASME B16.5 150# A182-F304/304L DUAL GR RFFE SWE 125 - 250 AARH F02CDL2AB105 S-40S <SWFB450R15140S> (L-SWF30)	1	12260363	1				
GASKETS								
8	SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL SS 304 SS 304 ASME B16.5 G03GDP1IS04 <N/A> (N/A)	1	11654482	1				
BOLTS								
9	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B8M CL2/A194-8MA INCH SIZE I010B1601 <SB2R58G1/221/2> - 2 NUTS PER BOLT - 65 mm Length	1/2	163801410	4				
PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE".						
304, dual grade								
HEAT TREATMENT (PWHT)								
N								
PAINTING SCHEME (3)		CONTRACTOR:		CONTRACTOR DRAWING NUMBER:		PROJECT:		
NR								
PIPING CLASS		Tecnimont		4274-XH-DL-2121IA91F52-1		4001008		
6C4								
WELDING CLASS (4)		LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT				CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX		
M								
PED CATEGORY		REPSOL						
Art 4.3								
INSULATION CODE / THK. (mm)		ANNEX 19		SPEC. L		DRAWING NUMBER 19-000-2-02-00001 sheet 2121IA91F52-1		REV. 01
N 0								