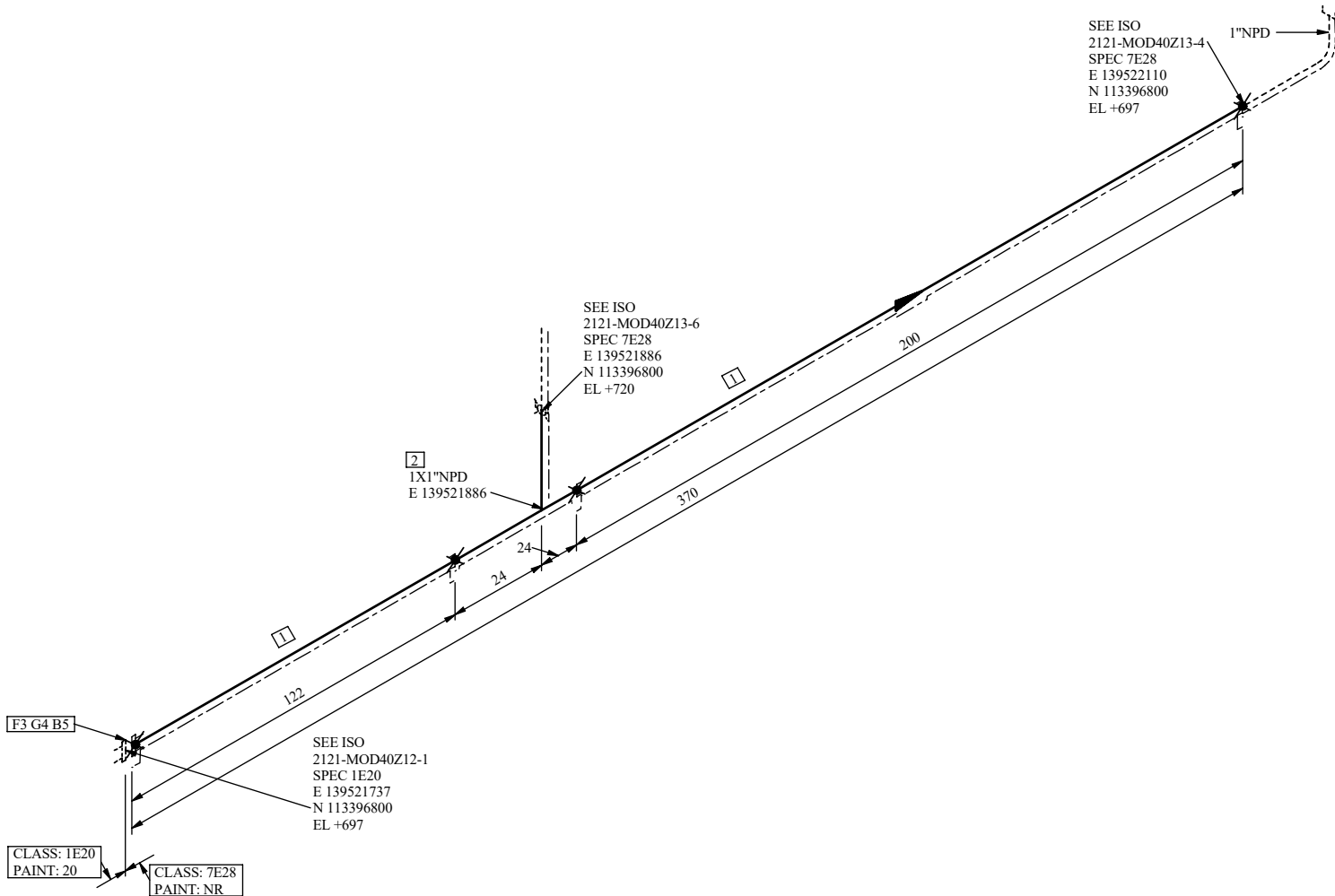




EXTR. DATE: 08-07-2023 12:03:27

STREAM REV. NO.: 9

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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-80S <PIPB04DA2180S> (L-PIP110)	1	I2257957	0.3 M	
FITTINGS					
2	TEE ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R11FNL2A1101 NREQD <TESB450LBK1> (L-TES04)	1X1	I2258184	1	
FLANGES					
3	SW FLANGE ASME B16.5 600# A182-F316/316L DUAL GR RFEE SWE 125 - 250 AARH F02CHLIMB105 S-80S <SWFB34D465180S> (L-SWF38)	1	I2965911	1	
GASKETS					
4	SPIRAL WOUND GASKET ASME B16.20 600# RFTBE 304/GRAFOIL SS 304 SS 304 ASME B16.5 G03GHP1IS04 <N/A> (N/A)	1	I1169027	1	
BOLTS					
5	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 90 mm Length	5/8	153437440	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) NR		CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:	
PIPING CLASS 7E28			4274-XH-DL-2121MOD40Z13-5	4001008	
WELDING CLASS (4) M-1					
PED CATEGORY I		 <div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>			
INSULATION CODE / THK. (mm) ET 30					