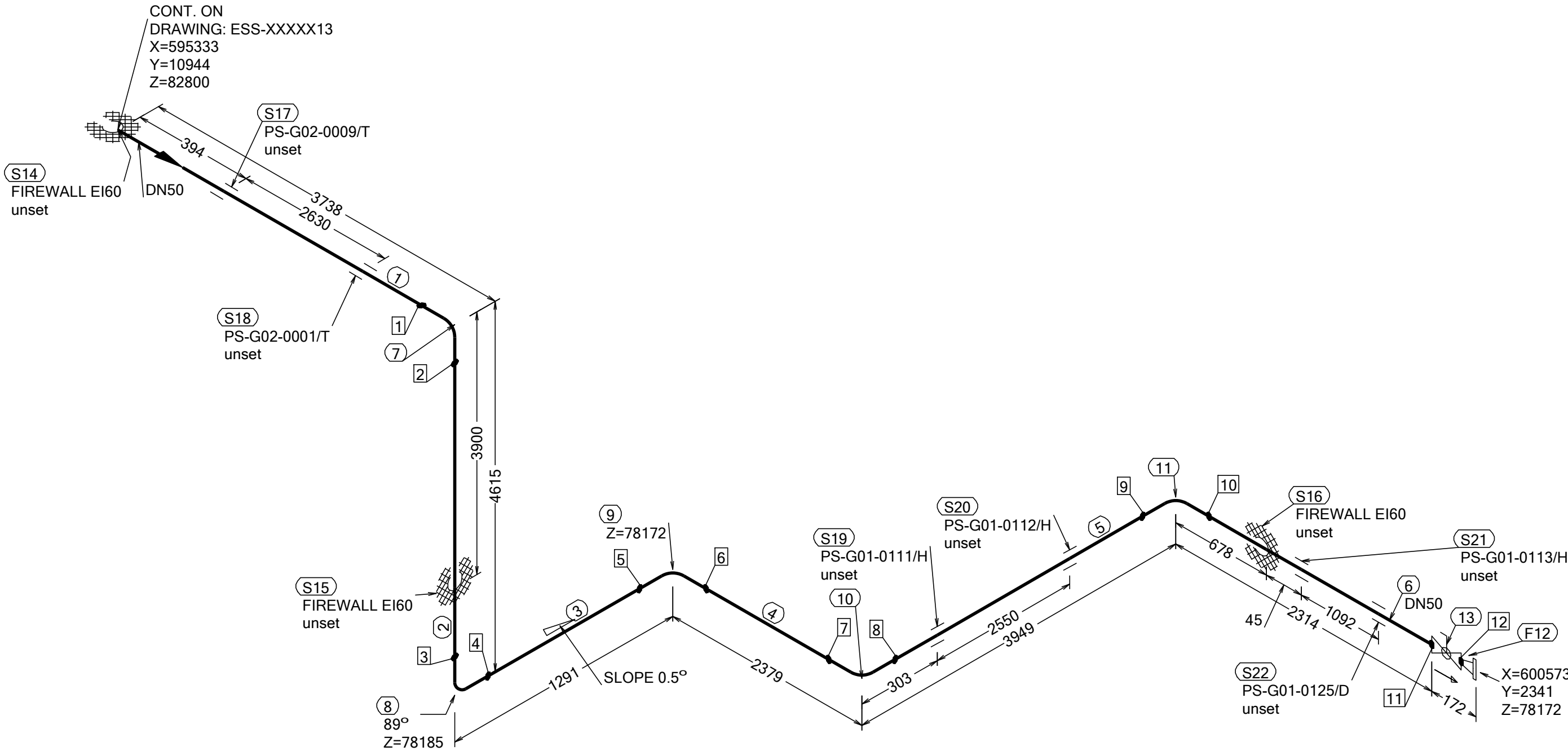
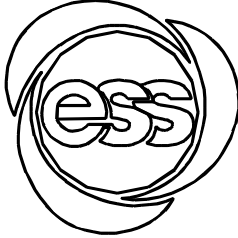


N (Y)



WELD	WPS	FABRICATION MATERIALS					
1		PT NO	COMPONENT DESCRIPTION	DN	MATERIAL	QTY (mm)	REMARKS
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
			PIPE				
		1	PIPE, SS-EN 10217-7, TC1, 60.3x2.0	50	EN 1.4404	3662	
		2	PIPE, SS-EN 10217-7, TC1, 60.3x2.0	50	EN 1.4404	4464	
		3	PIPE, SS-EN 10217-7, TC1, 60.3x2.0	50	EN 1.4404	1140	
		4	PIPE, SS-EN 10217-7, TC1, 60.3x2.0	50	EN 1.4404	2227	
		5	PIPE, SS-EN 10217-7, TC1, 60.3x2.0	50	EN 1.4404	3797	
		6	PIPE, SS-EN 10217-7, TC1, 60.3x2.0	50	EN 1.4404	2238	
			FITTINGS				
		7	ELBOW 90, TYPE 3D, SS-EN 10253-4, TYPE A, 60.3x2.0	50	EN 1.4404	1	
		8	ELBOW 90, TYPE 3D, SS-EN 10253-4, TYPE A, 60.3x2.0	50	EN 1.4404	1	
		9	ELBOW 90, TYPE 3D, SS-EN 10253-4, TYPE A, 60.3x2.0	50	EN 1.4404	1	
		10	ELBOW 90, TYPE 3D, SS-EN 10253-4, TYPE A, 60.3x2.0	50	EN 1.4404	1	
		11	ELBOW 90, TYPE 3D, SS-EN 10253-4, TYPE A, 60.3x2.0	50	EN 1.4404	1	
			FLANGES				
		12	FLANGE WN, SS-EN 1092-1, TYPE 11, PN16	50		1	
			VALVES / IN-LINE ITEMS				
		13	BALL VALVE, WORCESTER A44, SHORT, BW	50		1	

ERECTION MATERIALS					
PT NO	COMPONENT DESCRIPTION	DN	MATERIAL	QTY (mm)	REMARKS
	SUPPORTS				
14	PENETRATION ATTA	50		1	
15	PENETRATION ATTA	50		1	
16	PENETRATION ATTA	50		1	
17	ESS Atta	50		1	
18	ESS Atta	50		1	
19	ESS Atta	50		1	
20	ESS Atta	50		1	
21	ESS Atta	50		1	
22	ESS Atta	50		1	

WPS See Weldlist	Design Temperature	Tightening Torque For Flange Joints	P&ID Drawing Number	General Layout Drawing Number	Calculation Report	Inspection Plan	Area Code
TBN	50degC	TBN	ESS-0060416	TBN	ESS-0058702	TBN	G01-NCL
Quality Level For Weldign Acc To	Design Pressure	Bend Radius	Bending Procedure	Coupling Installation Procedure	Pressure Test Program	Alternate System Tag	Date (First Issue)
TBN	10bar (g)	N/A	N/A	TBN	TBN		170522
Weld Joint Efficiency Factor (Longitudinal)	Test Pressure	Insulation Specification			Title/Name EUROPEAN SPALLATION SOURCE ERIC WATER COOLING SYSTEM CWM DIW SUPPLY FOR FEB ESS.ACC.E02.E03.WP0004		Scale
1,0	14.3bar (g)	N/A					-
Elevation (z) Acc To	Quality Class	Insulation Thickness					Format
BCS	MQC4-C	N/A					A2
	Media	Allowance For Corrosion			Document Number ESS-XXXXX39		Sheet
	CWM	0					1 of 1
	Pipe Specification	Surface Treatment					Revision
	MQC4-W-PN16	N/A					A1

Rev	Description	Date	Drawn	Designed	Reviewed	Verified	Quality	Approved
A1	ISSUED FOR CDR	170522	FRPE	FRPE	AKCO	ANLU		