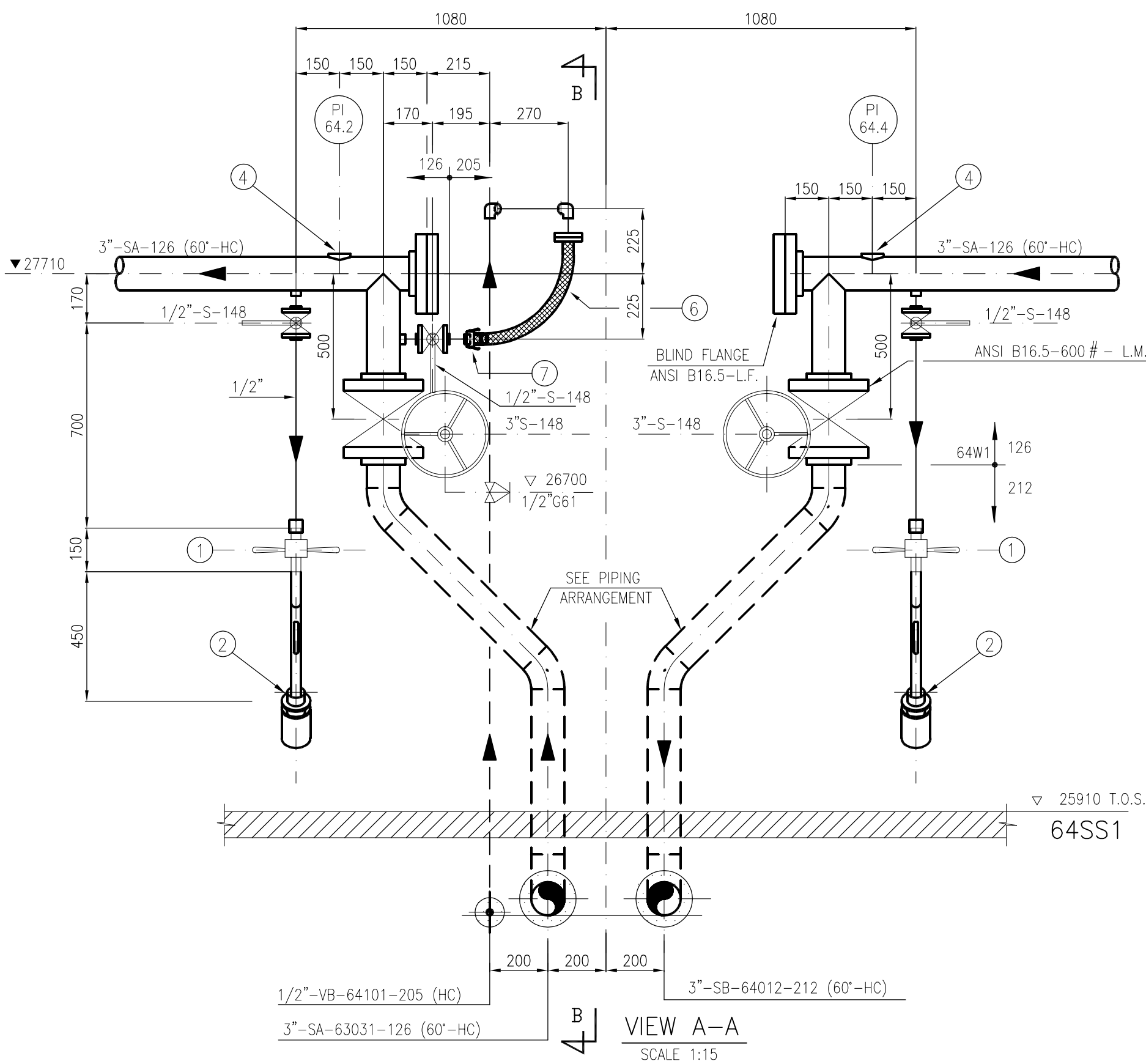
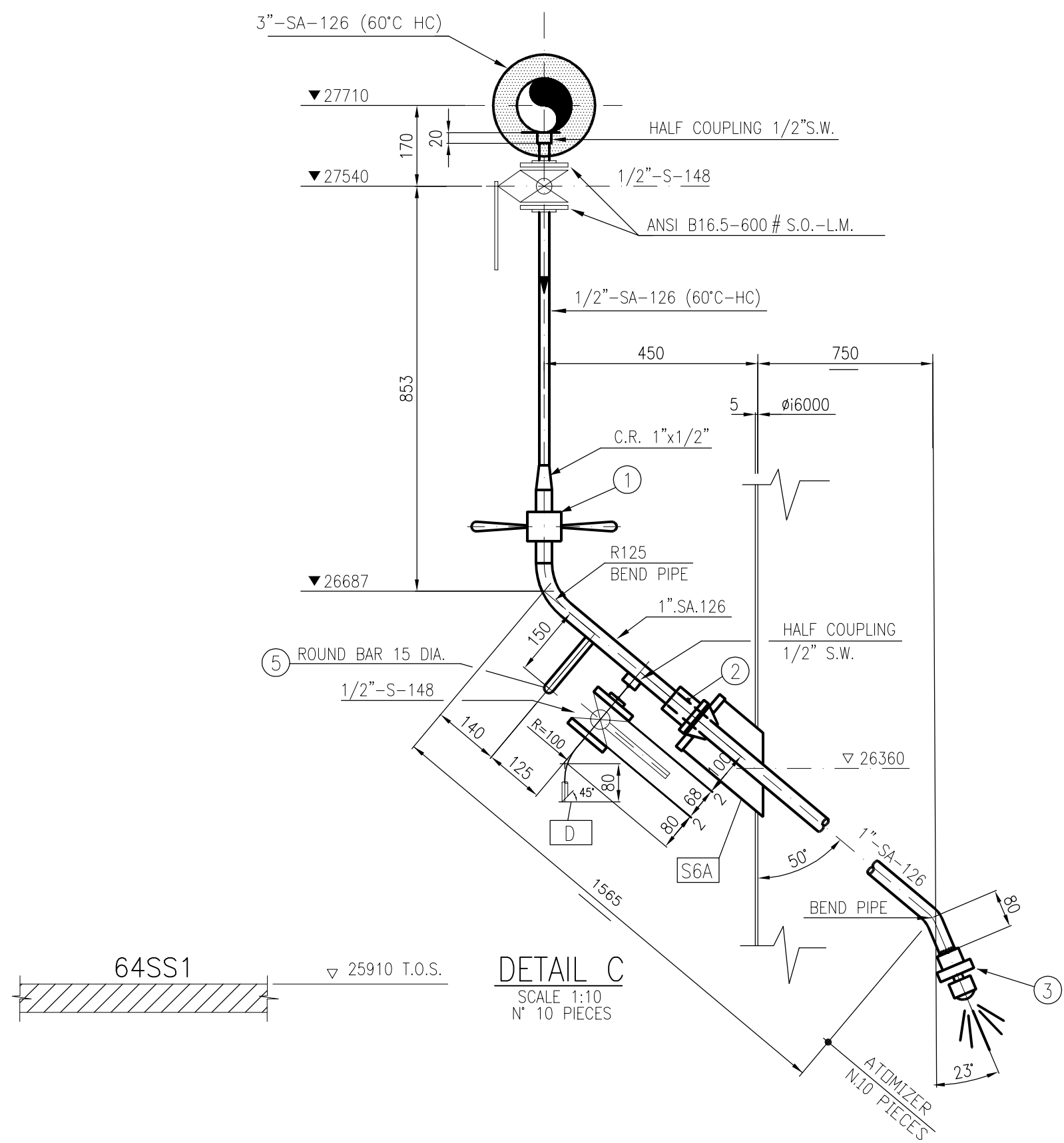


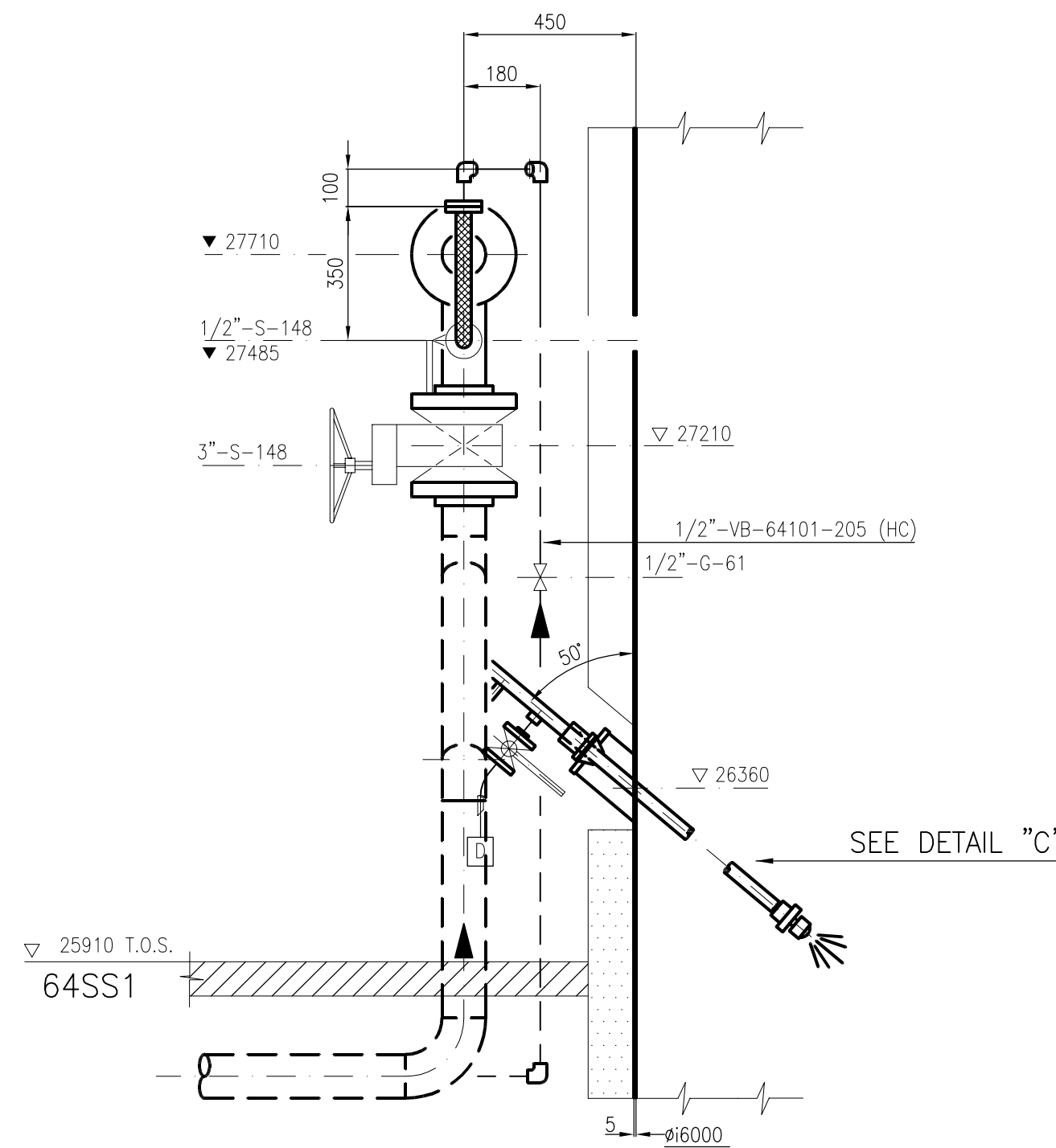
64SS1 PLAN
SCALE 1:50



VIEW A-A
SCALE 1:15



DETAIL C
SCALE 1:10
N° 10 PIECES



VIEW B-B
SCALE 1:15

ELENCO MATERIALI - BILL OF MATERIAL

TIPO MATERIALI - TYPE OF MATERIAL

QUANT. Q.TY	DN	DESCRIZIONE - DESCRIPTION	STD.	MATERIALE MATERIAL
mt.22	3"	PIPE THK. 5.49	ANSI B.36.10 Sch.40	A106 Gr.B SMLSS
mt.22	1"	PIPE THK. 3.38	ANSI B.36.10 Sch.40	A106 Gr.B SMLSS
mt.9	1/2"	PIPE THK. 2.77	ANSI B.36.10 Sch.40	A106 Gr.B SMLSS
CLASS 126				
CLASS 205				
mt.2	1/2"	PIPE THK. 2.77	ANSI B.36.10 Sch.40	API 5L Gr.B SMLSS
N° 6	3"	FLANGE 600# SLIP ON - LARGE MALE	ANSI B.16.5	A 105 - Gr. I FORGED
N° 2	3"	BLIND FLANGE 600# - LARGE FEMALE	ANSI B.16.5	A 105 - Gr. I FORGED
N° 42	1/2"	FLANGE 600# SLIP ON - LARGE MALE	ANSI B.16.5	A 105 - Gr. I FORGED
N° 1	1/2"	FLANGE 150# SLIP ON	ANSI B.16.5	A 105 - FORGED
N° 10	1"x 1/2"	CONCENTRIC REDUCTION THK. 3.38x2.77	ANSI B.16.9	ASTM A234 WPB SMLSS
N° 2	1/2"	SOCKET WELD. ELBOW 90° ANSI B.16.11 3000# Lb.	SB-ATI-PR007	A 105 - Gr. I
N° 20	1/2"	SOCKET HALF COUPL. ANSI B.16.11 3000# Lb.	SB-ATI-PR007	A 105 - Gr. I
N° 6	3"	GASKETS FOR FLANGES 600# S.O. LM/LF	SB-ATI-PV009-5	B4C
N° 42	1/2"	GASKETS FOR FLANGES 600# S.O. LM/LF	SB-ATI-PV009-5	B4C
N° 16	3/4"x130	BOLTS (FOR FLANGES 3" ANSI 600#)	SB-ATI-PV008B	A193 B7-A1942H
N° 4	1/2"x60	BOLTS (FOR FLANGES 1/2" ANSI 150#)	SB-ATI-PV008B	A193 B7-A1942H
N° 32	3/4"x65	SCREWS (FOR 3"-S148)	ANSI B18.2.1/UNC	A193 B7
N° 168	1/2"x45	SCREWS (FOR 1/2"-S148)	ANSI B18.2.1/UNC	A193 B7
⑥ N° 1	1/2"	FLEXIBLE PIPE TYPE FH00 L=550 WITH ENDS TYPE 5 (FLANGE 150# SLIP ON) AND TYPE 7	SB-ATI-PV002	A 105 - FORGED CARBON STEEL
⑦ N° 1	1/2"	QUICK WELD ADAPTOR TYPE 8	SB-ATI-PV002	CARBON STEEL
N° 1	1/2"	CAM QUICK CAP TYPE 11	SB-ATI-PV002	CARBON STEEL
① N° 10	1"	3 PIECES JOINT	ST.40591	A 105 - Gr. I
② N° 10	1"	COUPLING OF PIPE FIXING	ST.46202	A4 42
③ N° 10	/	ATOMIZER	SB-PRS-00175	/
④ N° 3	/	FLANGES FOR MANOMETERS	SB-ATI-PV015	A 105 - Gr. I
⑤ mt.1,8	ø15	ROUND BAR	/	FE 37 B
N° 2	3"	BALL VALVE S148	SB-ATI-V5070	/
N° 21	1/2"	BALL VALVE S148	SB-ATI-V5070	/
N° 1	1/2"	GATE VALVE G61	SB-ATI-VG001	/

RIFERIMENTO DISEGNI - REFERENCE DRAWINGS

SPRAY DRYING - P. & I. DIAGRAM	SEE DWG. 2F11-10-105 SH.1
PLOT PLAN	SEE DWG. 2F11-20-101
TYPICAL PIPING CONNECTION FOR INSTRUMENT	SEE DWG. SB-ATI-PV001
STEAM TRACINGS SPECIFICATION	SEE DWG. SB-ATI-SP036
INSULATION SPECIFICATION	SEE DWG. SB-ATI-SP030
FLEXIBLE HOSES	SEE DWG. SB-ATI-PV002

NOTE

- VALVES ORDERED AS PER DWG. 2F11-65-101
- DETAILS ③ MUST NOT BE MANUFACTURED WITH NOZZLES CIRCUIT
- DETAILS ④ ARE SUPPLIED WITH INSTRUMENTS

0	ISSUED FOR CONSTRUCTION	M.B.	23/04/12
REVISION Revisione	REVISION HISTORY Storia delle revisioni	DRAWN Autore	DATE Data
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JOB Commessa	2F11	SHEET Foglio	1
PLANT Impianto	SABIZ	SHEET REVISION Revisione Foglio	0
TITLE Titolo	NOZZLES CIRCUIT ITEM 64W1 PIPING ARRANGEMENT-PLAN / VIEWS/ DETAIL	SCALE Scala	1:50
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