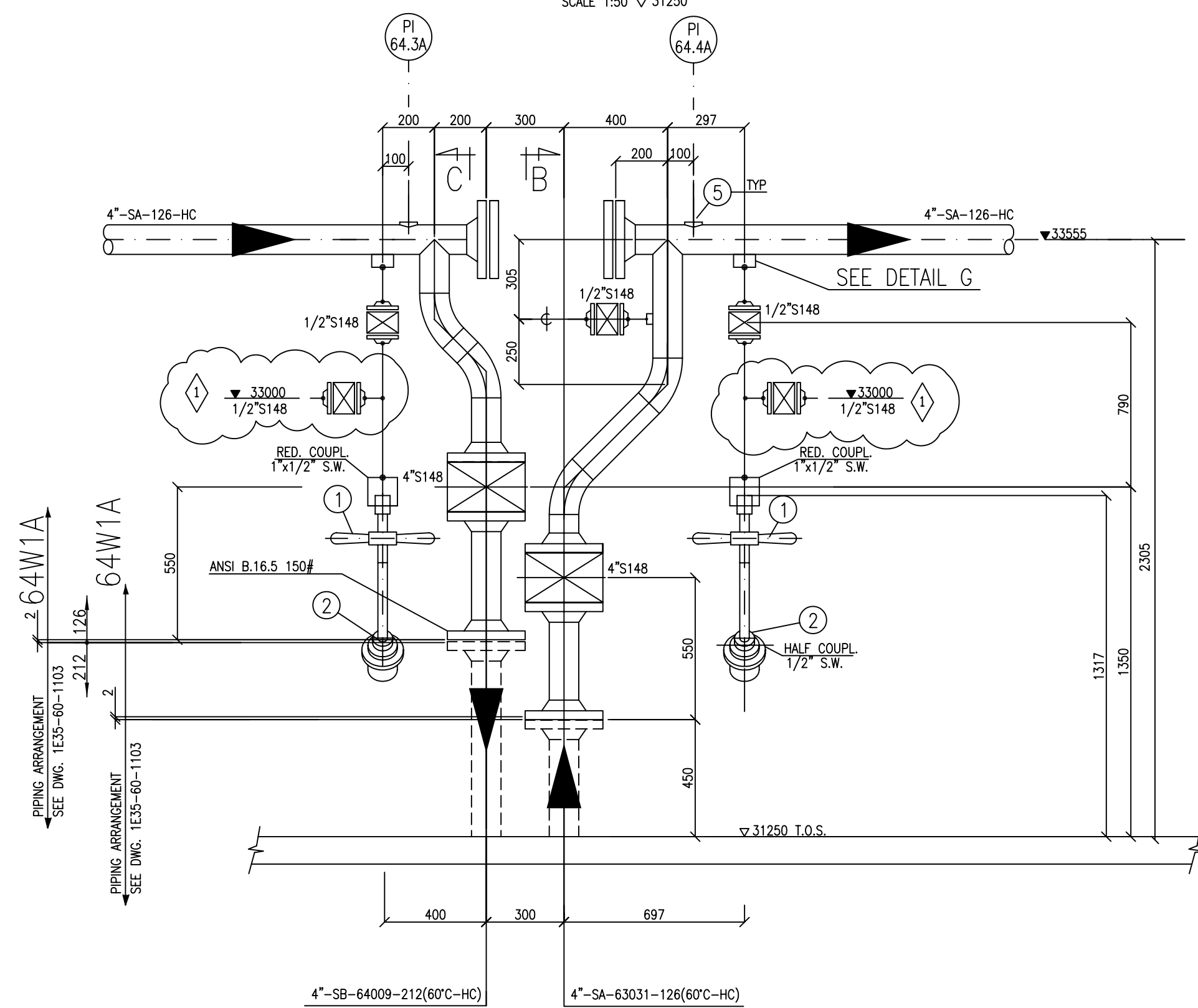


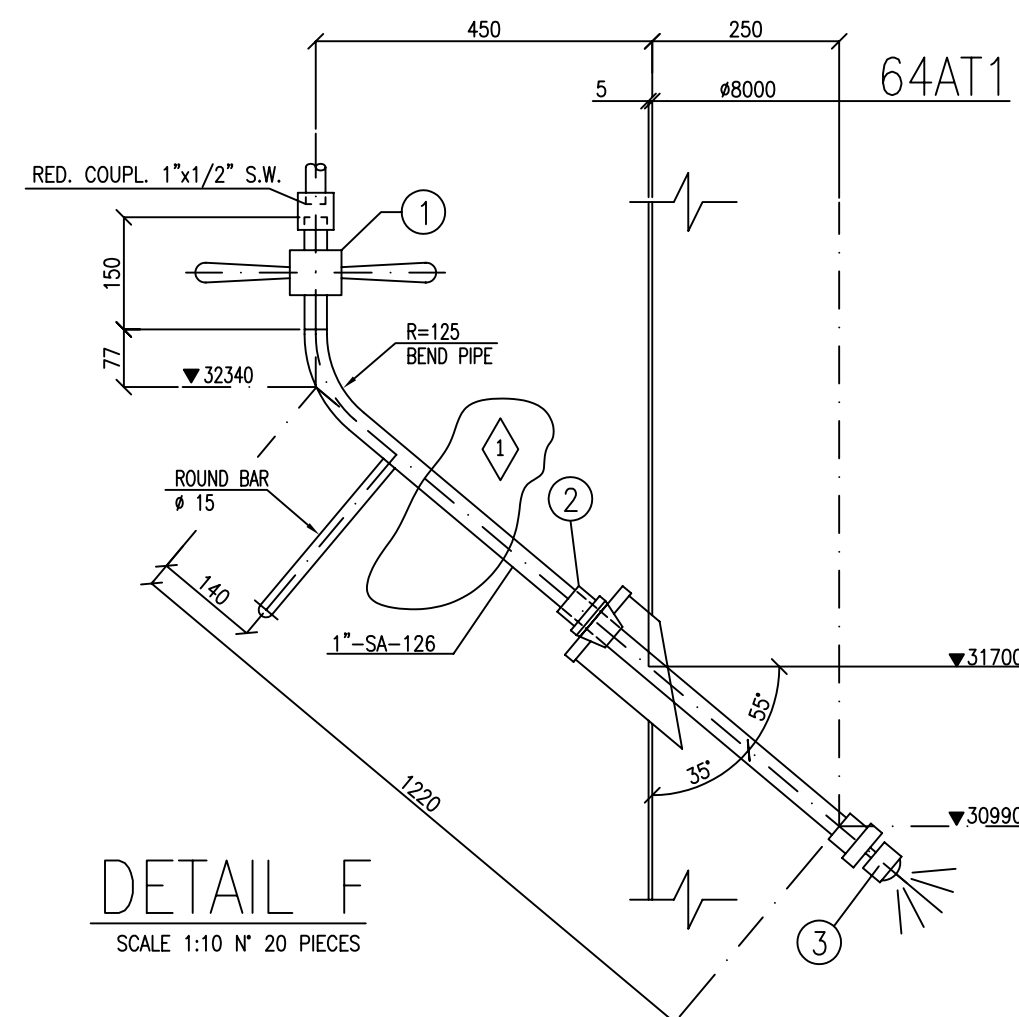
64W1A PLAN

SCALE 1:50 ∇ 31250



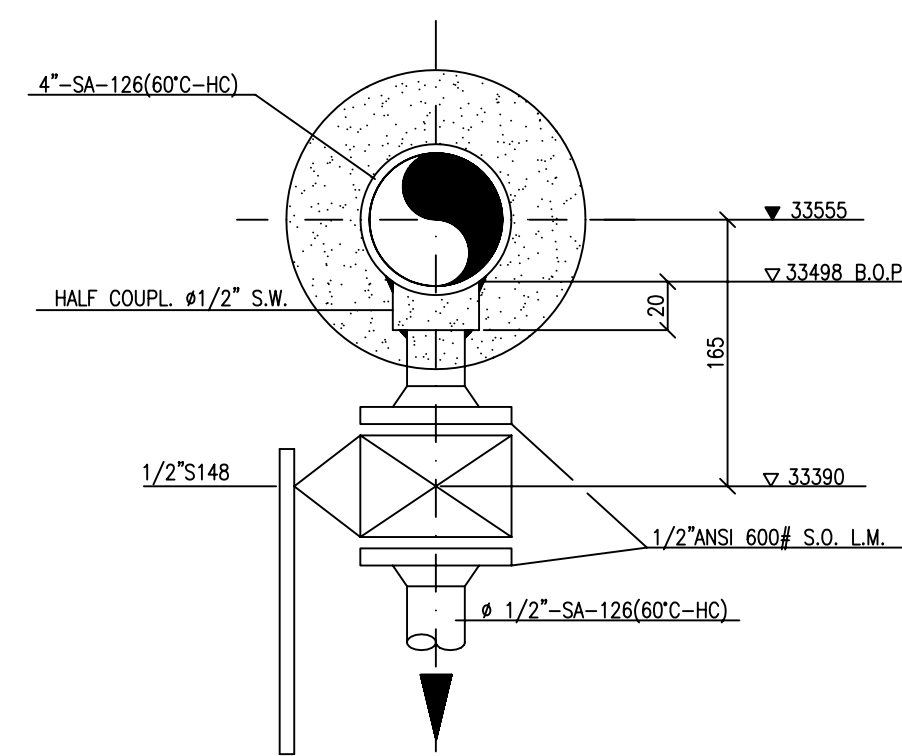
VIEW A-A

SCALE 1:15



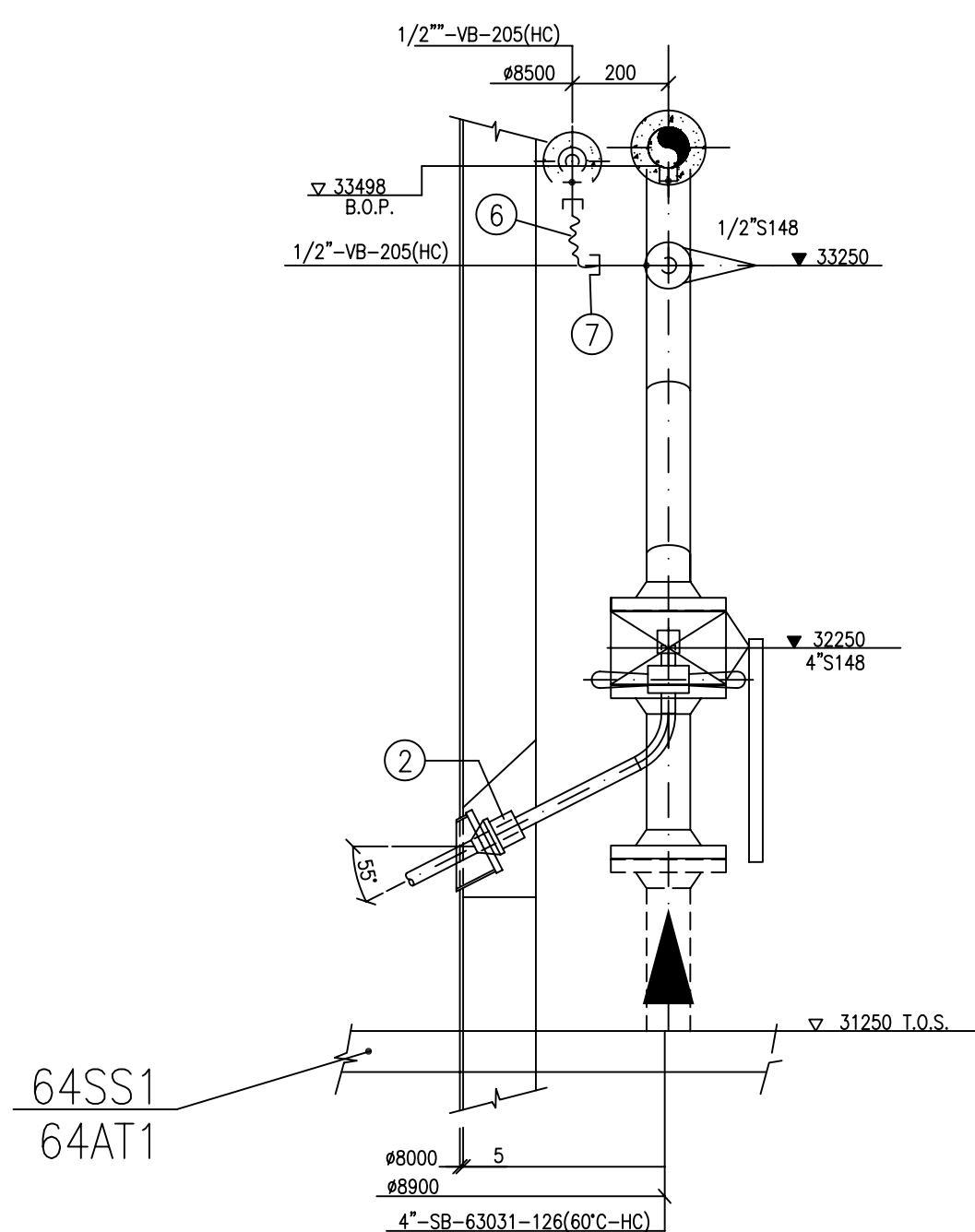
DETAIL F

SCALE 1:10 N° 20 PIECES



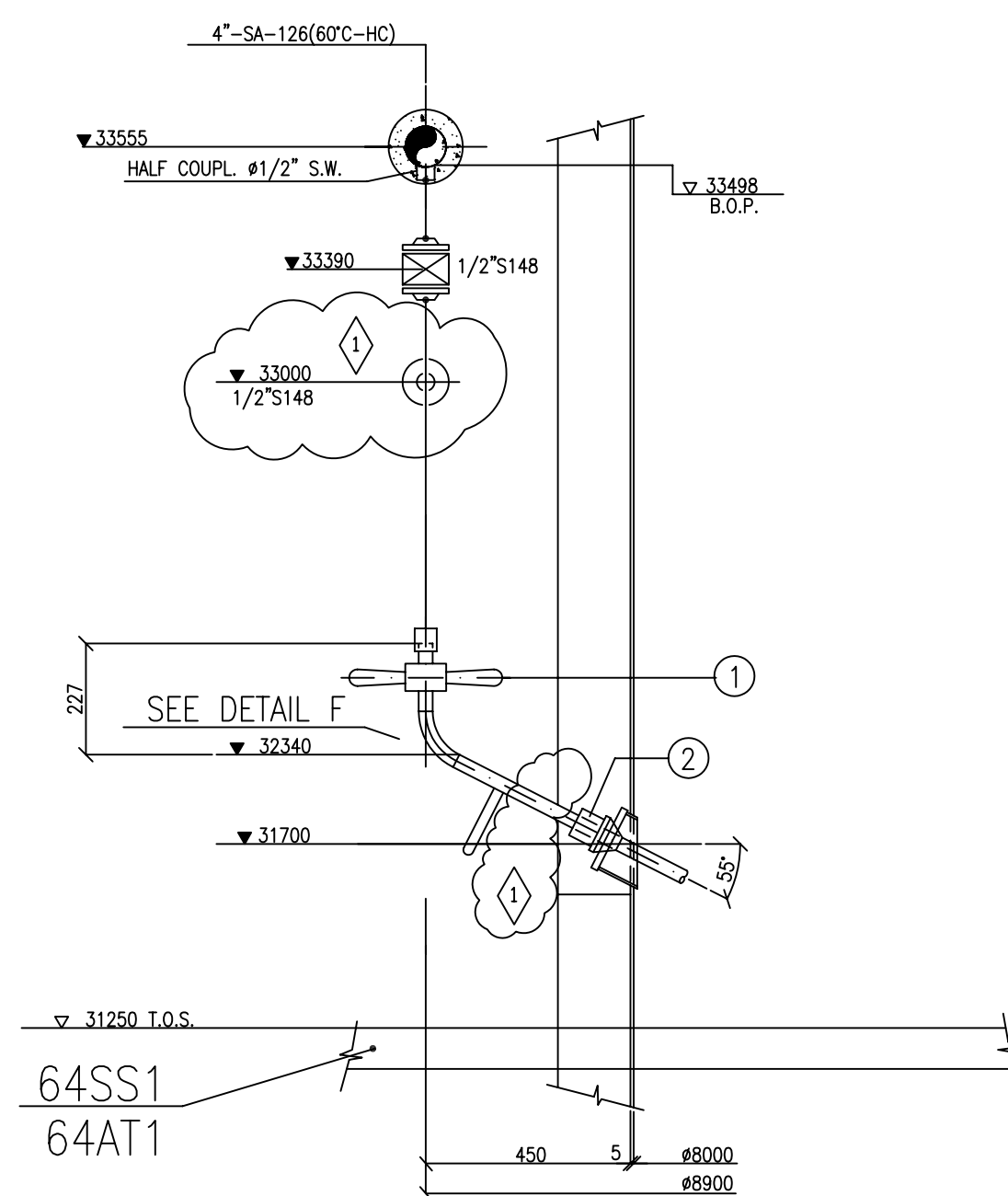
DETAIL G

SCALE 1:5



SECTION B-B

SCALE 1:15



SECTION C-C

SCALE 1:15

## ELENCO MATERIALI – BILL OF MATERIAL

### TIPO MATERIALI – TYPE OF MATERIAL

QUANT. Q.TY	Ø SIZE	DESCRIZIONE – DESCRIPTION	STD.	MATERIALE MATERIAL
mt.32	4"	PIPE THK. 6.02	ANSI B.36.10 Sch.40	A106 Gr.B SMLSS
mt.20	1/2"	PIPE THK. 2.77	ANSI B.36.10 Sch.40	A106 Gr.B SMLSS
mt.39	1"	PIPE THK. 3.38	ANSI B.36.10 Sch.40	A106 Gr.B SMLSS
N° 4	4"	ELBOW 45° LONG RADIUS SMLSS	ASME B16.9	A 234 Gr.WPB
N° 1	4"	FLANGE 150# Lb. RF-SC	ANSI B.16.5	A 105.1 – Gr. I
N° 2	4"	BLIND FLANGE 600# L.M.	ANSI B.16.5	A 105.1 – Gr. I
N° 7	4"	FLANGE 600# Lb. – SLIP ON FACING: LARGE MALE	ANSI B.16.5	A 105.1 – Gr. I
N° 82	1/2"	FLANGE 600# Lb. – SLIP ON FACING: LARGE MALE	ANSI B.16.5	A 105.1 – Gr. I

N° 1	1/2"	SOCKET WELD. ELBOW 90° ANSI B.16.11 3000# Lb.	SB-ATI-PR007	A 105.1 – Gr. I
N° 21	1/2"	SOCKET HALF COUPL. ANSI B.16.11 3000# Lb.	SB-ATI-PR007	A 105.1 – Gr. I
N° 20	1"x1/2"	SOCKET RED. COUPLING ANSI B.16.11 3000# Lb.	SB-ATI-PR007	A 105.1 – Gr. I

N° 1	4"	GASKETS FOR FLANGES 150# RF	SB-ATI-PV009	B5B
N° 7	4"	GASKETS FOR FLANGES 600# S.O. LM/LF	SB-ATI-PV009	B4C
N° 82	1/2"	GASKETS FOR FLANGES 600# S.O. LM/LF	SB-ATI-PV009	B4C
N° 8	5/8"x90	STUD BOLTS (FOR FLANGES DN 4" ANSI 150#(RF))	SB-ATI-PV008	A193 B7-A1942H
N° 24	7/8"x135	STUD BOLTS (FOR FLANGES DN 4" ANSI 600#)	SB-ATI-PV008	A193 B7-A1942H
N° 328	1/2"x45	SCREWS (FOR 1/2" S148)	ASME B18.2.1/UNC	A193 B7
N° 32	7/8"x75	SCREWS (FOR 4" S148)	ASME B18.2.1/UNC	A193 B7
N° 20	1"	3 PIECES JOINT	ST.40591	A 105.1 – Gr. I
N° 20	1"	COUPLING OF PIPE FIXING	ST.46202	Aq 42
N° 20	/	ATOMIZER	SB-PRS-00175	/

N° 3	Ø75	FLANGES FOR MANOMETERS	ST.46394	A 105.1 – Gr. I
mt.3	Ø15	ROD BAR	/	FE 37 B

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
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

N° 2	4"	BALL VALVE S148	SB-ATI-VS070	/
N° 41	1/2"	BALL VALVE S148	SB-ATI-VS070	/

### RIFERIMENTO DISEGNI – REFERENCE DRAWINGS

SPRAY DRYING – P. & I. DIAGRAM	SEE DWG. 1E35-10-1105 SH.2
PLOT PLAN	SEE DWG. 1E35-20-102
PIPING ARRANGEMENT	SEE DWG. 1E35-60-1103
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

### NOTE

- VALVES ORDERED AS PER DWG. 1E35-65-1101
- DETAILS ⑤ ARE SUPPLIED WITH INSTRUMENTS

1	REVISED WHERE INDICATED	M.B.	19/11/10
0	ISSUED FOR CONSTRUCTION	M.B.	18/10/10
REVISION Revisione	REVISION HISTORY Storia delle revisioni	DRAWN Autore	DATE Data
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DRAWING Nr. / Disegno Nr. <b>1E35-60-1107</b>		CUSTOMER Nr. / Nr. Cliente -	
JOB Commessa	1E35 Z	SHEET Foglio	1 / 1
PLANT Impianto	SABIZ 25000	SHEET REVISION Revisione Foglio	1
TITLE Titolo	PIPING ARRANGEMENT NOZZLES CIRCUIT - Item 64W1A PLAN SECTIONS - VIEWS + DETAILS	SCALE Scala	1:33 1/3
		SECTION Sezione	-
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