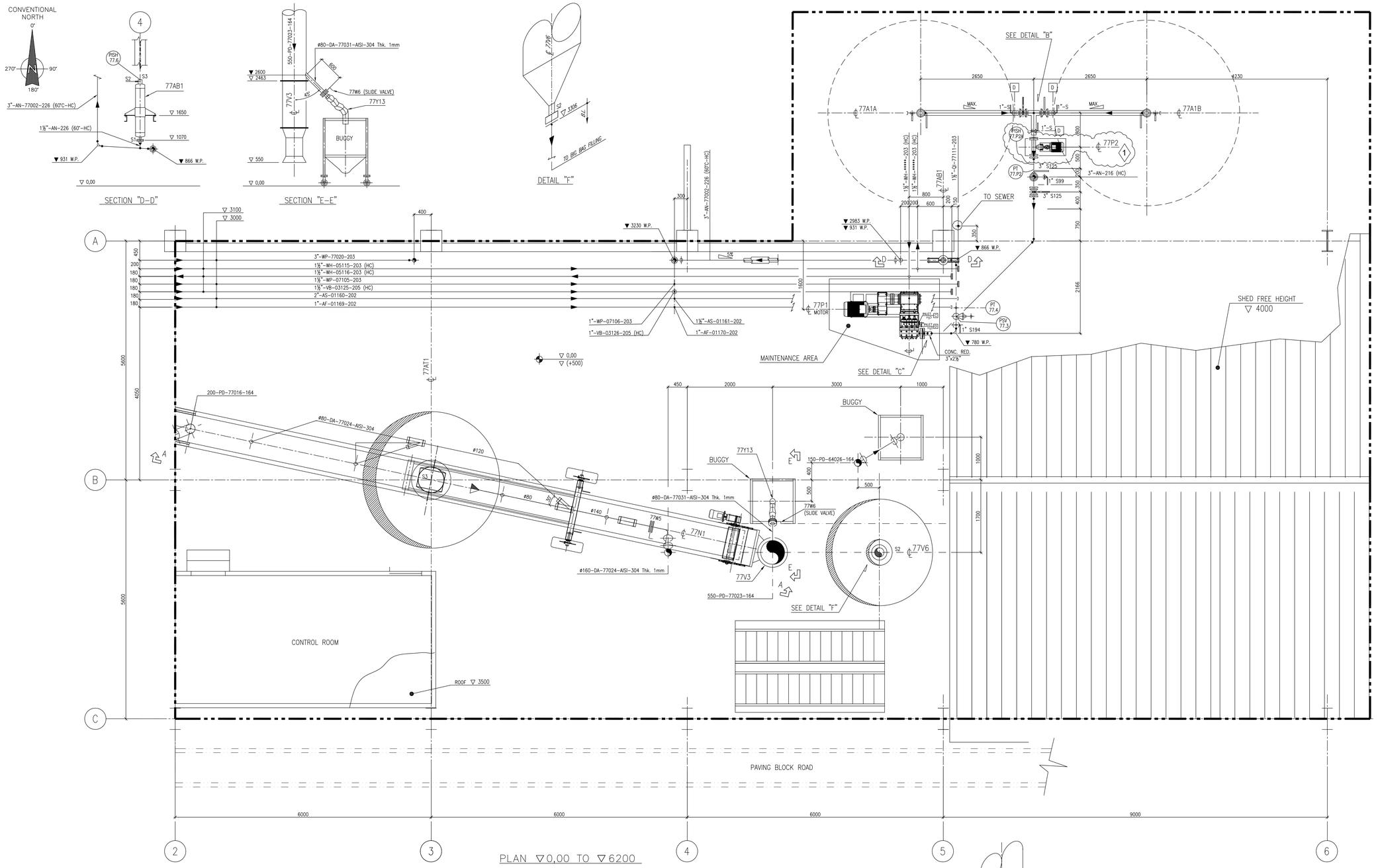


EQUIPMENTS ITEM	POS.	SIZE	RATING	DIST. FROM EQUIP.	COORDINATES NORTH	EAST	ELEV.	ORIENTATION HORIZON. ° 0°=NORTH	VERTIC. ° 0°=UP 180°=DOWN	NOTES
77AT1 ▽ 18070	S3	600	SB-ATI-PF001	0			2540	℄	180°	
77N1 ▽ 0.00	S1	ø610	AS. DWG.				2265		0°	
	S2	ø220	AS. DWG.				1300		0°	
	S3a	ø80	AS. DWG.				1977		0°	
	S3b	ø80	AS. DWG.				2350		0°	
	S3c	ø80	AS. DWG.				2875		0°	
	S3d	ø80	AS. DWG.				3249		0°	
77V6 ▽ 8000	S2	200	SB-ATI-PF012	0			3306	℄	180°	
	S6	6" 2½"	UNI 150 7/1	AS. DWG.			5700	20°	90°	
77P1 ▽ 0.00	A	2½"	ANSI 150# RF				437	90°	90°	
	B	2½"	ANSI 900# LF				743	90°	90°	
	C	1/2"	ANSI 150# RF				–	90°	90°	
	D	–	Tubing: N°3				–	90°	90°	
77P2 ▽ 195	SUCTION	3"	ANSI 150#	195			500	0°	90°	
	DELIVERY	3"	ANSI 150#	195			500	270°	90°	
77AB1 ▽ 1650	S1	1¼" ¼"	ASME 600# ASME B36.19	0			1070	℄	180°	
	S2	8"T	API 5L X52	115			2450	270°	90°	
	S3	ø40	AS. DWG.	0			2490	℄	0°	

NOZZLE CHART

REFERENCE DRAWINGS	
DESCRIPTION DRAWINGS	NUMBER DRAWINGS
PLOT PLAN SLS SPRAY DRYING UNIT	1E35-20-002
UTILITIES DIAGRAM	1E35-12-001
FOUNDATIONS PLAN	1E35-55-002 SH.1+2
TYPICAL DETAIL FOR INSTRUMENT CONNECTION	SB-ATI-PV001
INSULATION SPECIFICATIONS	SB-ATI-SP030
WATER TRACING	SB-ATI-SP037
PIPING ARRANGEMENT SLS SPRAY DRYING "NOZZLES CIRCUIT – item 77W1"	1E35-60-028
PIPING ARRANGEMENT SLS SPRAY DRYING "PLAN FOR EL.0,00 TO ABOVE"	1E35-60-025
PIPING SUPPORT LOCATION SLS SPRAY DRYING "PLAN FOR EL.0,00 T ABOVE"	1E35-60-026
EXPANSION JOINTS LIST	1E35-65-011
SPRAY DRYING P&I	1E35-10-011
SPECIAL "Y" PIECES LIST- DUCTINGS	1E35-65-016

NOTE GENERALI
GENERAL NOTES

1 ▽ ELEVAZIONE FONDO TUBO O ELEVAZIONE GENERICA
ELEVATION TO PIPE BOTTOM OR GENERAL ELEVATION

2 ▼ ELEVAZIONE ASSE TUBO
ELEVATION TO PIPE CENTERLINE

3 ELEVAZIONE ASSE VALVOLA
ELEVATION TO VALVE CENTERLINE

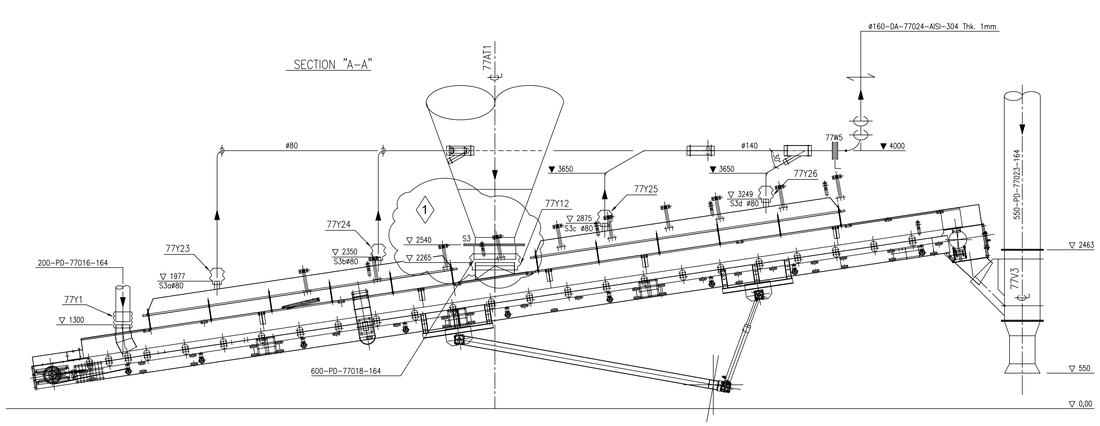
4 ELEVAZIONE FACCIA INFERIORE FLANGIA
ELEVATION TO BOTTOM FACE OF FLANGE

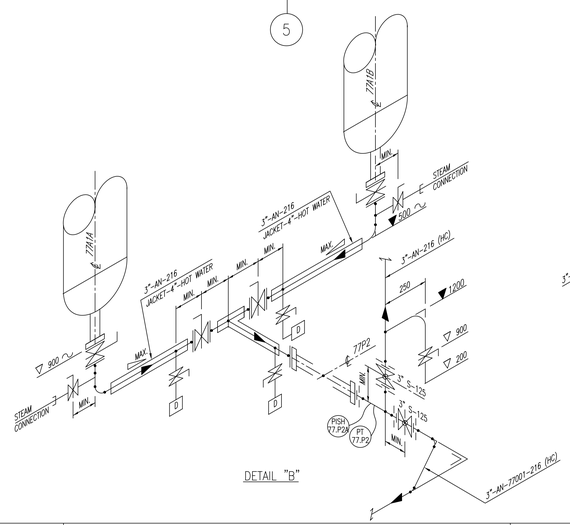
5 ELEVAZIONE FACCIA SUPERIORE FLANGIA
ELEVATION TO TOP FACE OF FLANGE

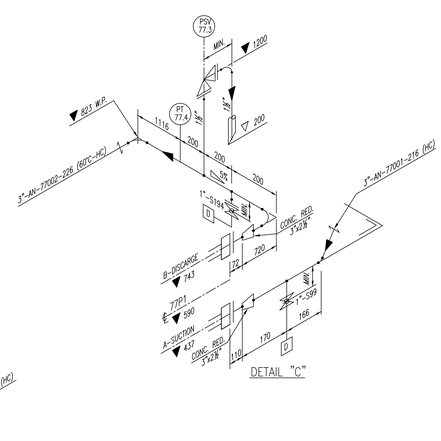
6 TUTTE LE QUOTE SONO RIFERITE ALL'ELEVAZIONE D'IMPIANTO ▽0.00 CORRISPONDENTE A (mt. 10 S.L.M.)
ALL VERTICAL DIMENSIONS ARE REFERRED TO PLANT ELEVATION ▽0.00 CORRESPONDING TO (mt. 10 A.S.L.)

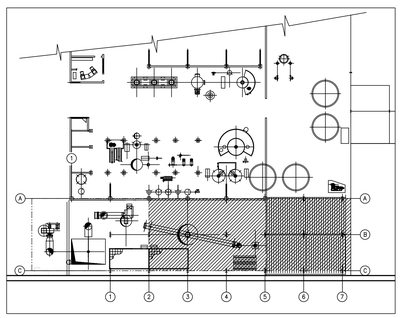
7 PREVEDERE SFIATI SUI PUNTI ALTI E DRENAGGI NEI PUNTI PIU' BASSI DELLE TUBAZIONI.
INDICARE SULLE TAVOLE DI MONTAGGIO I DRENAGGI C/O GLI SFIATI NON INDICATI SUGLI SKETCHES.
PROVIDE VENTS AT HIGHEST POINT AND DRAINS AT LOWEST POINTS OF LINES.
DRAINS AND/OR VENTS NOT COVERED BY ISOMETRIC SKETCHES SHALL BE PROVIDED ON PIPING ARRANGEMENT DRAWINGS.

8 I COLLEGAMENTI DELLE TUBAZIONI DEI SERVIZI CON DN <= 15 (1/2") TRA I COLLETTORI E LE APPARECCHIATURE O LE INCAMICIATURE (FATTA ECCEZIONE PER LE APPARECCHIATURE E LE TUBAZIONI DELLO ZOLFO) DOVRANNO ESSERE STABILITI IN CANTIERE E NON SONO, PERTANTO, INDICATI SULLA TAVOLA DI MONTAGGIO.
THE CONNECTIONS OF UTILITIES PIPES DN <= 15 (1/2") BETWEEN MANIFOLDS AND EQUIPMENTS OR JACKETED PIPES (WITH EXCEPTION OF SULPHUR EQUIPMENTS AND PIPES) SHALL BE ESTABLISHED ON SITE AND THEREFORE ARE NOT INDICATED ON THE PIPING ARRANGEMENT DRAWINGS.









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0	ISSUED FOR CONSTRUCTION	MB	09/03/2010
REVISION Revisione	REVISION HISTORY Storia delle revisioni	DRAWN Autore	DATE Data

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Desmet Ballestra S.p.A.
MILANO - Italy

DRAWING Nr. / Disegno Nr.: 1E35-60-025-2
CUSTOMER Nr. / Nr. Cliente: -

JOB Commessa	1E35	SHEET Foglio	2 / 7
PLANT Impianto	SLS SPRAY DRYING UNIT	SHEET REVISION Revisione Foglio	1
TITLE Titolo	PIPING ARRANGEMENT PLAN EL. ± 0,00 TO EL. +6200	SCALE Scala	1:33 1/3
		SECTION Sezione	77

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