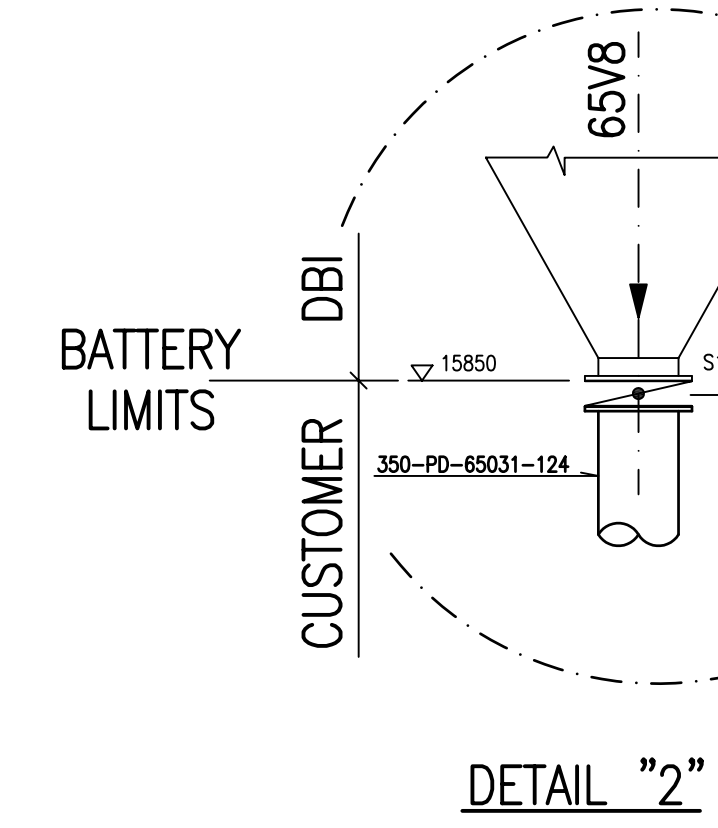
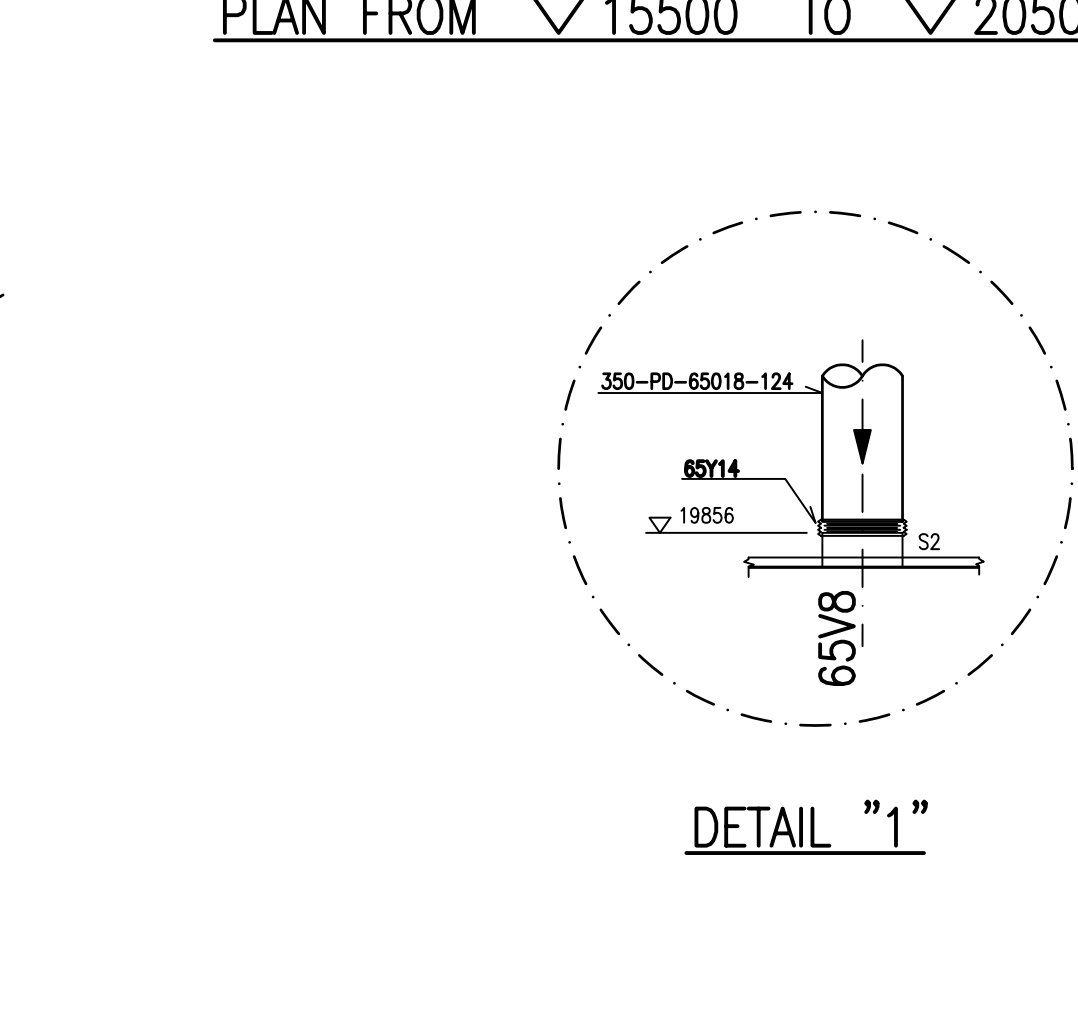
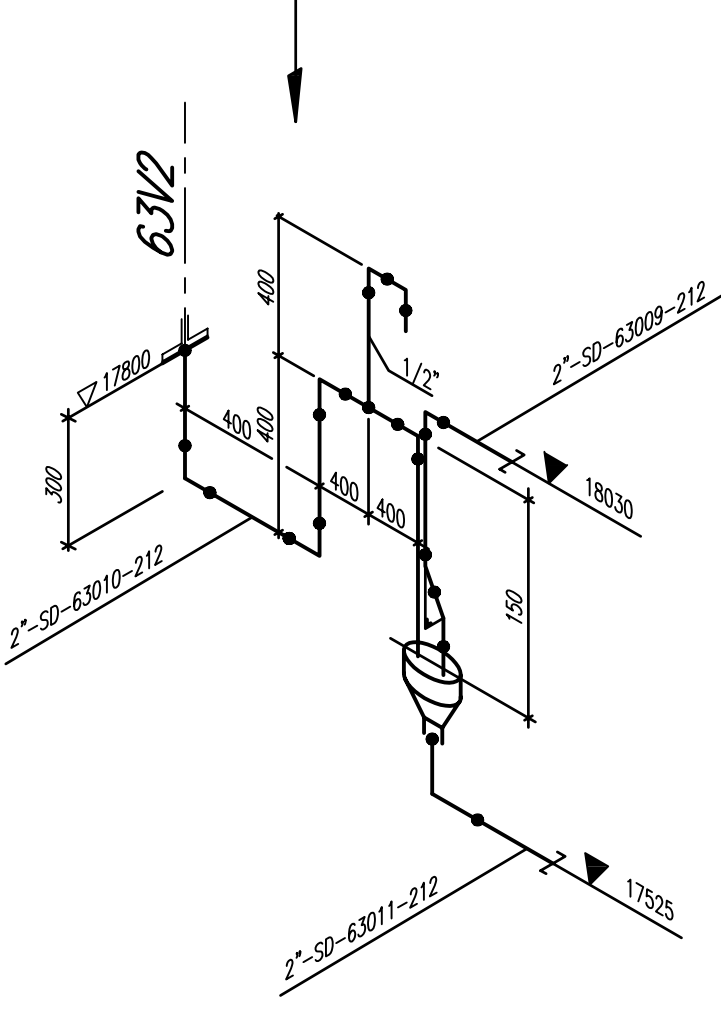


- NOTE GENERALI - GENERAL NOTES**
- ELEVATION FONDLO TUBO O ELEVATIONE GENERALICA.
ELEVATION TO PIPE BOTTOM OR GENERAL ELEVATION.
 - ELEVATION ASSE TUBO.
ELEVATION TO PIPE CENTERLINE.
 - ELEVATION ASSE VALVOLA.
ELEVATION TO VALVE CENTERLINE.
 - ELEVATION FACCIA INFERIORE FLANGIA.
ELEVATION TO BOTTOM FACE OF FLANGE.
 - ELEVATION FACCIA SUPERIORE FLANGIA.
ELEVATION TO TOP FACE OF FLANGE.
 - TUTTE LE QUOTE SONO REPERITE ALL'ELEVATIONE D'IMPIANTO V.O.00 CORRISPONDENTE A (m.....S.L.M.)
ALL VERTICAL DIMENSIONS ARE REFERRED TO PLANT ELEVATION V.O.00 CORRESPONDING TO (m.....A.S.L.)
 - PREVEDERE SPINTI SUI PUNTI ALTI E DRENAGGI NEI PUNTI PIU' BASSI DELLE TUBAZIONI.
GLI SPINTI E I DRENAGGI PER LE LINEE DN <= 65 (24") DOVRANNO ESSERE DA DN 15 (1/2").
GLI SPINTI E I DRENAGGI PER LE LINEE DN >= 65 (24") DOVRANNO ESSERE DA DN 20 (3/4").
PROVIDE VENTS AT HIGHEST POINT AND DRAWS AT LOWEST POINTS OF LINES.
VENTS AND DRAWS FOR THE LINES DN <= 65 (24") WILL HAVE TO BE DN 15 (1/2").
VENTS AND DRAWS FOR THE LINES DN >= 65 (24") WILL HAVE TO BE DN 20 (3/4").
 - I COLLEGAMENTI DELLE TUBAZIONI DEI SERVICI CON DN <= 15 (1/2") TRA I COLLETTORI E LE APPARECCHIATURE O LE INCAMICATURE (DATA ECCEZIONE PER LE APPARECCHIATURE E LE TUBAZIONI DELLO ZOLPO) 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 WELDED PIPES (WITH EXCEPTION OF SLOPPING EQUIPMENTS AND PRESS) SHALL BE ESTABLISHED ON SITE AND THEREFORE ARE NOT INDICATED ON THE PIPING ARRANGEMENT DRAWINGS.
 - TUTTE LE DIMENSIONI SONO IN MM. SALVO DIVERSAMENTE INDICATO.
ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE INDICATED.

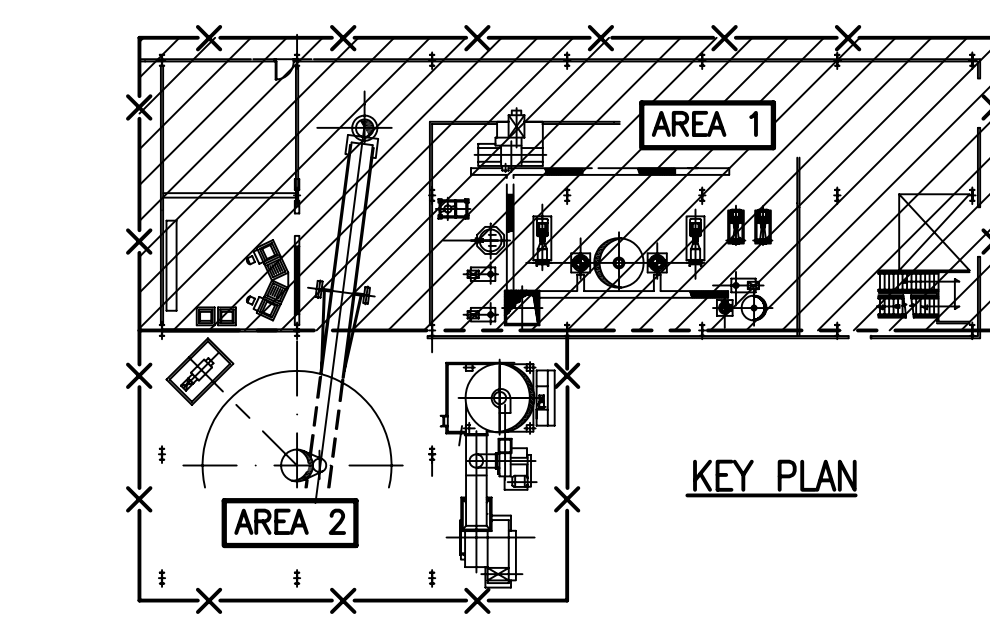
● COMPLETE WITH BLIND FLANGE, BOLTS AND GASKET

NOZZLE CHART						
EQUIPMENTS ITEM	FOUNDATION ELEVATION	POS. SIZE	RATING	DIST. FROM EQUIP.	COORDINATES NORTH EAST ELEV.	ORIENTATION HORIZON. 0°=UP 180°=DOWN
63A1/A ▽ 15600		S1 10.133 AS DMC	450		16761 0°	0° SOLID INLET
		S2 40200 AS DMC	450		16761 270°	0° VAPOR OUTLET
		S3 40200 AS DMC	450		16718 180°	18° MANHOLE
		S4 40200 AS DMC	450		16761 90°	0° LIQUID INLET
		S5 6" AS DMC	450		16718 135°	30° SIGHT GLASS
		T1 1" S.O.-REF. 150	880		15923 180°	90° VB INLET
		S1 10.133 AS DMC	450		16761 180°	0° SOLID INLET
		S2 40200 AS DMC	450		16761 270°	0° VAPOR OUTLET
		S3 40200 AS DMC	450		16718 0°	18° MANHOLE
		S4 40200 AS DMC	450		16761 90°	0° LIQUID INLET
		S5 6" AS DMC	450		16718 45°	30° SIGHT GLASS
		T1 1" S.O.-REF. 150	880		15923 0°	90° VB INLET
		S1 3" S.O.-REF. 150	600		16750 270°	0° SB INLET
		S2 6" S.O.-REF. 150	1150		16000 270°	90° SB OUTLET
		S4 3" S.O.-REF. 150	1150		16200 90°	90° LSH CONN.
		S6 500	550		16750 0°	0° MANHOLE
		S7 4" S.O.-REF. 150	600		16750 90°	0° SPARE
		S8 2" AS DMC	100		16850 180°	0° VENT
		S1 8" L.L. 150	194/450		18700 AS DMC	90° GAS INLET
		S2 2" L.L. 150			17800 0°	0° DRAIN
		S3 1/2" S.O. REF. 150	450		19150 270°	90° WP INLET
		S4 8" L.L. 150			19703 0°	0° GAS OUTLET
		S5 1/2" S.O. REF. 150	300		19150 0°	90° OPERABLE SIGHT GLASS
		S6 3/4" S.O. REF. 150	200/450		17800 270°	90° LEVEL INDICATOR
		A-S1 1" ANG 150 RF	337		16160 270°	180° SUCTION
		A-D 1" ANG 150 RF	337		16441 270°	0° DISCHARGE
		B-S1 1" ANG 150 RF	337		16160 270°	180° SUCTION
		B-D 1" ANG 150 RF	337		16441 270°	0° DISCHARGE
		C-S1 3/4" ANG 150 RF	337		16160 270°	180° SUCTION
		C-D 3/4" ANG 150 RF	337		16441 270°	0° DISCHARGE
		S1 3/4" L.L. 150	400		16000 180°	90° PF OUTLET
		S2 3/4" L.L. 150	400		16000 210°	90° LG CONNECTION
		S3 3/4" L.L. 150	400		15920 0°	180° DRAIN
		S4 20 AS DMC	100		17430 0°	0° VENT
		S5 1" L.L. 150	400		17130 45°	90° SPARE
		S6 4500 AS DMC			17280 0°	0° MANUAL CHARGING
		S1 1" L.L. 150	400		16000 180°	90° NI OUTLET
		S2 3/4" L.L. 150	400		16000 210°	90° LG CONNECTION
		S3 3/4" L.L. 150	400		15920 0°	180° DRAIN
		S4 20 AS DMC	100		17430 0°	0° VENT
		S5 1" L.L. 150	400		17130 45°	90° SPARE
		S6 1/2" L.L. 150	400		16680 270°	90° SPARE
		S7 3" L.L. 150	400		16480 270°	90° WH INLET
		T2 1/2" S.O.-REF. 150	400		16960 210°	90° WH OUTLET

NOZZLE CHART						
EQUIPMENTS ITEM	FOUNDATION ELEVATION	POS. SIZE	RATING	DIST. FROM EQUIP.	COORDINATES NORTH EAST ELEV.	ORIENTATION HORIZON. 0°=UP 180°=DOWN
65V8 ▽ 18000		S1 350 SB-AT-PV001/0	€		15850 0°	180° PRODUCT OUTLET
		S2 350 AS DMC	€		15856 0°	0° PRODUCT INLET
		S3 4080 AS DMC	1606		19450 30°	90° REDUSING
		S4 1/4" AS DMC	1456		19500 30°	0° P CONNECTION
		S5 1/2" L.L. 150	1340		19000 90°	90° LSH CONNECTION
		S6 1/2" L.L. 150	1340		19250 270°	90° LSH CONNECTION
		S7 1/2" AS DMC	1050		19706 270°	0° HINGED DOOR
		S1 1" L.L. 150	400		16000 180°	90° PF OUTLET
		S2 3/4" L.L. 150	400		16000 210°	90° LG CONNECTION
		S3 3/4" L.L. 150	400		15920 0°	180° DRAIN
		S4 20 AS DMC	100		17430 0°	0° VENT
		S5 1" L.L. 150	400		17130 45°	90° SPARE
		S6 4500 AS DMC	€		17280 0°	0° MANUAL CHARGING



REFERENCE DRAWINGS	
DESCRIPTION DRAWINGS	NUMBER DRAWINGS
PLOT PLAN	2F11-20-101
FOUNDATION PLAN	2F11-55-101
KEY-PLAN	2F11-60-100
P.A. I. DIAGRAM - SOLID PROPORTIONING - SECTION 62	2F11-10-103 SH.1
P.A. I. DIAGRAM - OFF. SPEC. POWDER DISSOLVING/RECOVERING - SECTION 62	2F11-10-103 SH.2
P.A. I. DIAGRAM - SLURRY PREPARATION - SECTION 62/63	2F11-10-104 SH.1
P.A. I. DIAGRAM - SLURRY HOMOGENIZING AND PUMPING - SECTION 63	2F11-10-104 SH.2
P.A. I. DIAGRAM - SPRAY DRYING - SECTION 64	2F11-10-105 SH.1
P.A. I. DIAGRAM - ZEOLITE DOSING TO SPRAY-DRYING TOWER - SECTION 64	2F11-10-105 SH.2
P.A. I. DIAGRAM - CONTINUOUS POST BLENDING - SECTION 65	2F11-10-106 SH.1
UTILITIES PLANIMETRIC DIAGRAM	2F11-12-101
PIPING CONNECTION FOR INSTRUMENT	SB-AT-PV001/0
INSULATION SPECIFICATION	SB-AT-SP030/0
WATER TRACINGS SPECIFICATION	SB-AT-SP037/0
STEAM TRACINGS SPECIFICATION	SB-AT-SP036/0
SKETCHES FOR DUSTING NETWORK	2F11-60-119
"P" PIECES LIST -	2F11-65-113
PIPING SUPPORT LIST AREA 1	2F11-60-107



THIS DRAWING IS VALID FOR PIPING SUPPORT ONLY

0	ISSUED FOR CONSTRUCTION	M.B.	20.07.2012
Desmet Ballestra s.p.a.	MILANO - Italy	2F11-60-105-4	
2F11	SABIZ	4	
PIPING SUPPORT LAYOUT AREA "1"		0	
PLAN EL. 15.500 TO 20.500		1.33	

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