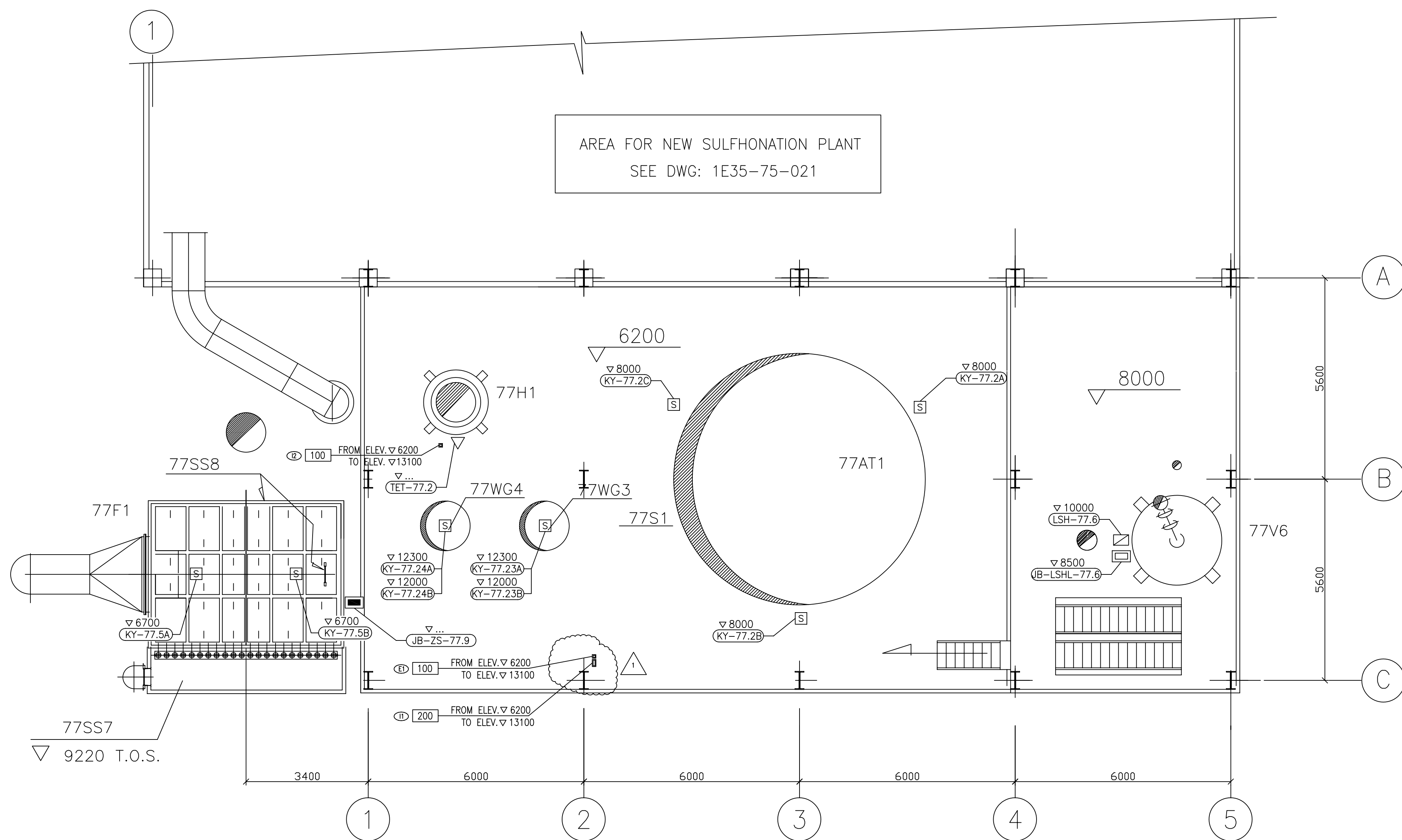














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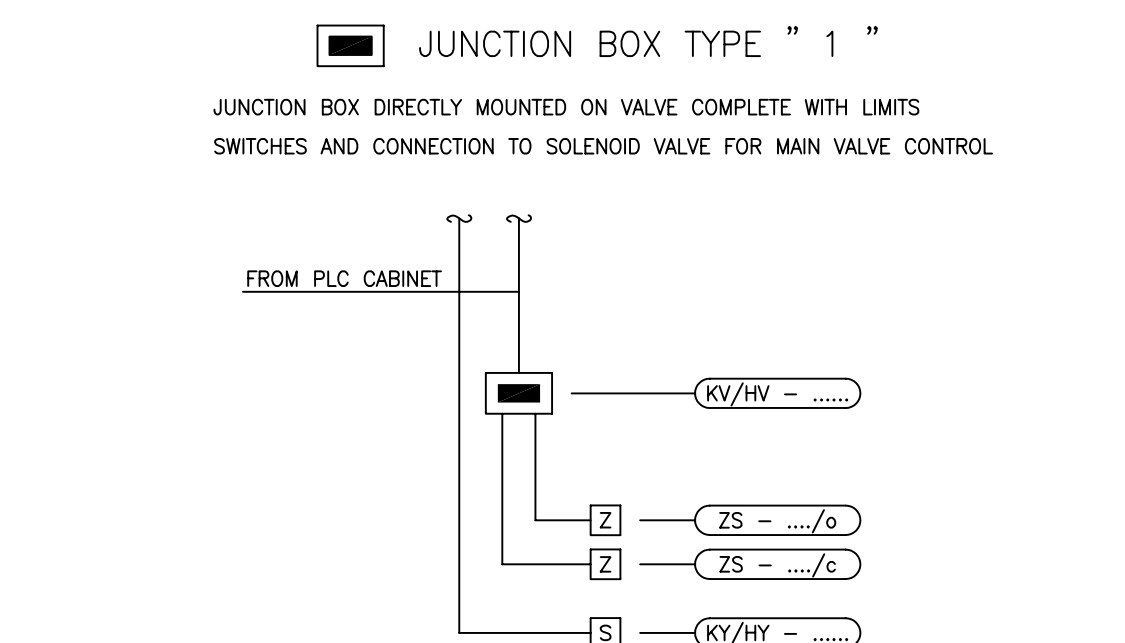
ELEVATION ∇ 0.00

LEGEND	
SYMBOL	DESCRIPTION
	SOLENOID VALVE
	CONTROL VALVE WITH ELECTRO-PNEUMATIC POSITIONER
	LIMIT SWITCH - LEVEL SWITCH - PRESSURE SWITCH
	JUNCTION BOX TYPE 1
	JUNCTION BOX TYPE 2
	ELECTRONIC TRANSMITTER
	pH MEASURING PROBE - ANALYZERS
	THERMORESISTANCE (RTD) OR THERMOCOUPLE
	LOCAL PANEL
	POWER CABLE TRAY
	INSTRUMENT CABLE TRAY
	CABLE TRAY UP OR DOWN
	CHANGE ELEVATION CABLE TRAY
	USER TAG WITH ELEVATION

NOTE 1

The diagram shows a cross-section of a cable tray. On the left side, there are two lines representing cables, labeled 'ANALOG CABLES' and 'DIGITAL CABLES COVER'. On the right side, there is a single line representing a cable, labeled 'P.S. CABLES'. A vertical line in the center of the tray, labeled 'MECHANICAL SEPARATOR', divides the space between the analog/digital cables and the P.S. cables.

ALL INSTRUMENT CABLE TRAY RUNNING SHALL BE PROVIDED WITH MECHANICAL SEPARATOR TO PROVIDE SEGREGATION BETWEEN ANALOG SIGNAL (SHIELDED CABLES) / DIGITAL SIGNAL AND P.S. CABLES



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SUE FOR CONSTRUCTION		RCL	10.03.10
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Scritta delle revisioni		Autore	Data
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esmer Ballestra S.p.A.		DRAWING NO. 03400014	
LAND - Italy		IE35-85-121	
		CUSTOMER No. No. Cliente	
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E35		SHEET	1 / 2
LS		PAGE	
		SHEET REVISION	1
		Revised Page	
		SCALE	1:75
		Scale	
INSTRUMENT DISTRIBUTION LAYOUT		SECTION	
LAND 0.00 TO 08000		Section	-

SECTION 5-5			
	ELECTR. EQUIP. TAG	CABLE SIZE	POS.
1	TET-77.9	2x1.5 Shd	A
2	TET-77.10	2x1.5 Shd	A
3	TET-77.2	2x1.5 Shd	A
4	HY-77.6	2x1.5 Shd	A
5	ZSL-77.6	3x1.5	A
6	PY-77.5	2x1.5 Shd	A
7	ZSL-77.5	3x1.5	A
8			
9			
10			

A diagram showing two adjacent rectangular sections, A and B, each labeled '100'' above it. The sections are separated by a vertical line, and the entire assembly is enclosed in a larger rectangular frame.

A B

SECTION 4-4

	ELECTR. EQUIP. TAG	CABLE SIZE	POS.
--	--------------------	------------	------

1	TET-77-21	2x1.5 Shd	A
---	-----------	-----------	---

2	TET-77-7A2	2x1.5 Shd	A
---	------------	-----------	---

3	PISH-77-7P2	3x1.5	A
---	-------------	-------	---

4	PISH-77-7B	3x1.5	A
---	------------	-------	---

5	PT-77-4	2x1.5 Shd	A
---	---------	-----------	---

6	PT-77-7P2	2x1.5 Shd	A
---	-----------	-----------	---

7	JB-USH-77-6	5G1.5	A
---	-------------	-------	---

8	JB-USH-77A	5G1.5	A
---	------------	-------	---

9	JB-USH-77A2	5G1.5	A
---	-------------	-------	---

10	JB-USH-77B	3G1.5	B
----	------------	-------	---

11	JB-USH-77A	3G1.5	B
----	------------	-------	---

12	JB-USH-77A2	3G1.5	B
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13	KY-77-2A	3G1.5	B
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14	KY-77-7B	3G1.5	B
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15			
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




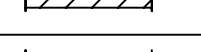
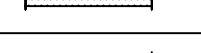
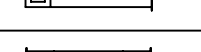


16			
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17			
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18			
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19			
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20			
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LEGEND	
SYMBOL	DESCRIPTION
	SOLENOID VALVE
	CONTROL VALVE WITH ELECTRO-PNEUMATIC POSITIONER
	LIMIT SWITCH ~ LEVEL SWITCH ~ PRESSURE SWITCH
	JUNCTION BOX TYPE 1
	JUNCTION BOX TYPE 2
	ELECTRONIC TRANSMITTER
	pH MEASURING PROBE ~ ANALYZERS
	THERMORESISTANCE (RTD) OR THERMOCOUPLE
	LOCAL PANEL
	POWER CABLE TRAY
	INSTRUMENT CABLE TRAY
	CABLE TRAY UP OR DOWN
	CHANGE ELEVATION CABLE TRAY
	USER TAG WITH ELEVATION

300-3700 CABLE TRAY CODE
 CABLE TRAY ELEVATION (mm)
 CABLE TRAY SIZE (WIDTH IN mm)

NOTE 1

The diagram illustrates a cross-section of a cable tray with a central vertical separator. The left side of the tray is labeled 'ANALOG CABLES' and 'DIGITAL CABLES COVER'. The right side is labeled 'P.S. CABLES'. The central vertical divider is labeled 'MECHANICAL SEPARATOR'.

ALL INSTRUMENT CABLE TRAY RUNNING SHALL BE PROVIDED WITH MECHANICAL SEPARATOR TO PROVIDE SEGREGATION BETWEEN ANALOG SIGNAL (SHIELDED CABLES) / DIGITAL SIGNAL AND P.S. CABLES

JUNCTION BOX TYPE "1"

JUNCTION BOX DIRECTLY MOUNTED ON VALVE COMPLETE WITH LIMITS
SWITCHES AND CONNECTION TO SOLENOID VALVE FOR MAIN VALVE CONTROL

FROM PLC CABINET

KV/HV -

Z1

Z2

Z3

S1

ZS - .../o

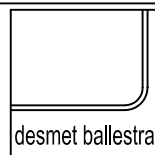
ZS - .../c

KV/HV - ...

JUNCTION BOX	TAG VALVE	PROXIMITY SWITCHES		SOLENOID VALVE
JB-ZS 77.1	HY 77.1	ZS 77.1/c	ZS 77.1/c	HY 77.1
JB-ZS 77.2	HY 77.1	ZS 77.2/a	ZS 11.2/c	HY 77.2
JB-ZS 77.7	HY 77.7	ZS 77.7/c	ZS 77.7/c	HY 77.7
JB-ZS 77.8	KV 77.8	ZS 77.8/c	ZS 77.8/c	KV 77.8
JB-ZS 77.9	KV 77.9	ZS 77.9/c	ZS 77.9/c	KV 77.9

1	REVISED WHERE INDICATED		RCL	19.05.10
0	ISSUE FOR CONSTRUCTION		RCL	10.03.10
REVISION Revisione	REVISION HISTORY Storia delle revisioni	DOWN Avanti	DATE Data	

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	Desmet Ballestra S.p.A. MILANO - Italy	DRAWING NO. / Disegno N° 1E35-85-121 CUSTOMER NO. / N° Cliente ■
	JOB Commessa PLAN Piano TITLE TITOLO 1E35	SHEET Foglio SHEET REVISION Revisione/Foglio SCALE Scala SECTION Sezione

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N° / COLOR	WIDTH (mm)
1 / RED	0.4
2 / YELLOW	0.4
3 / GREEN	0.4
4 / BLUE	0.1