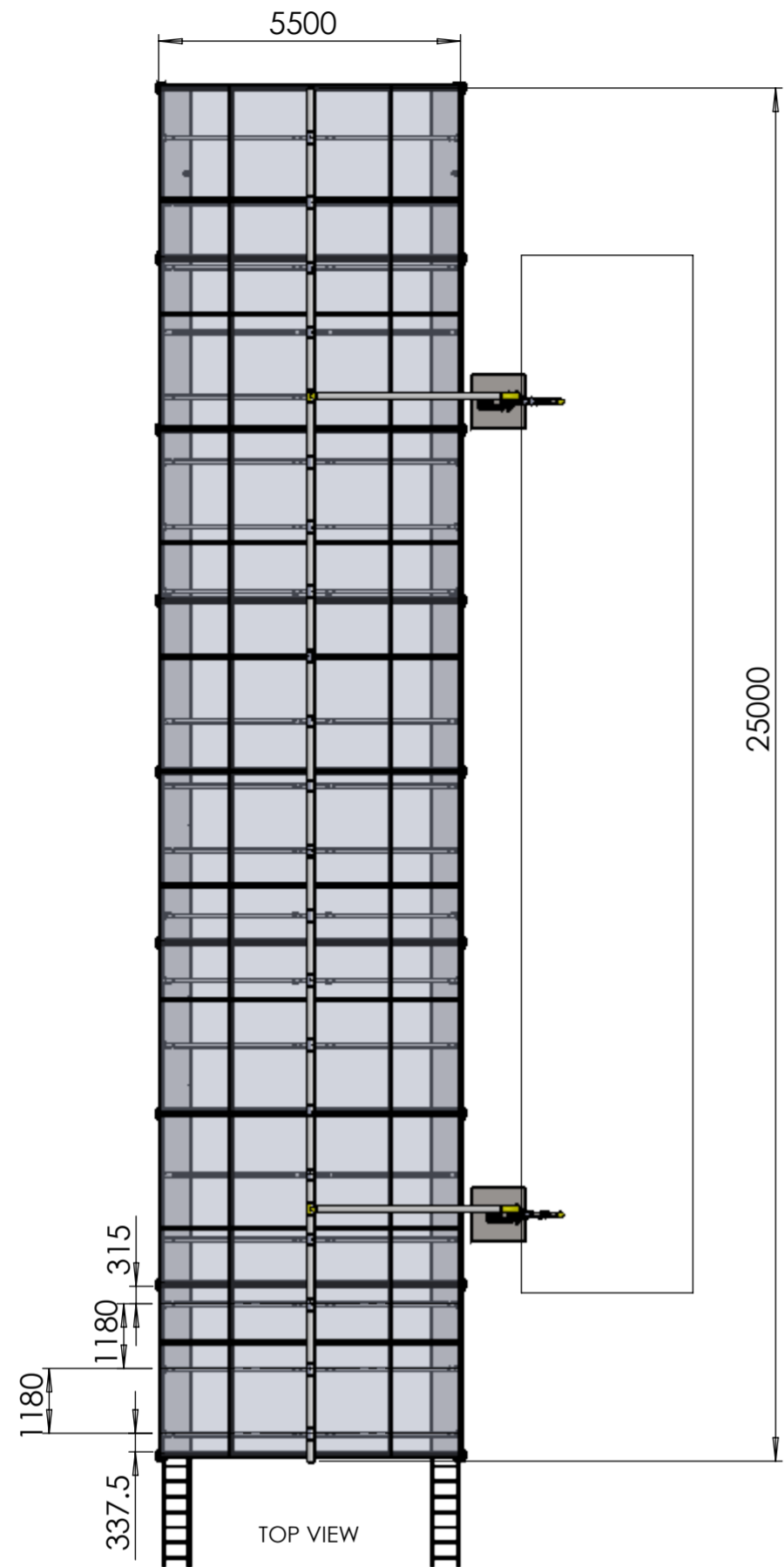
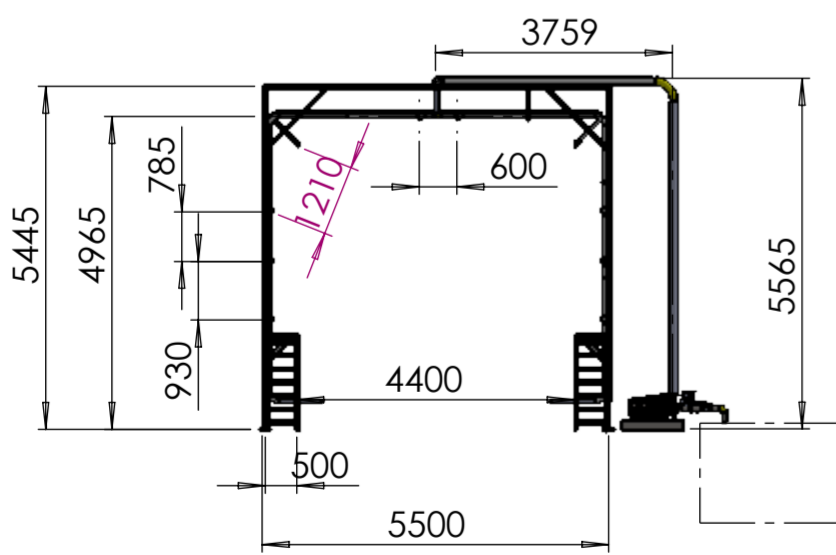


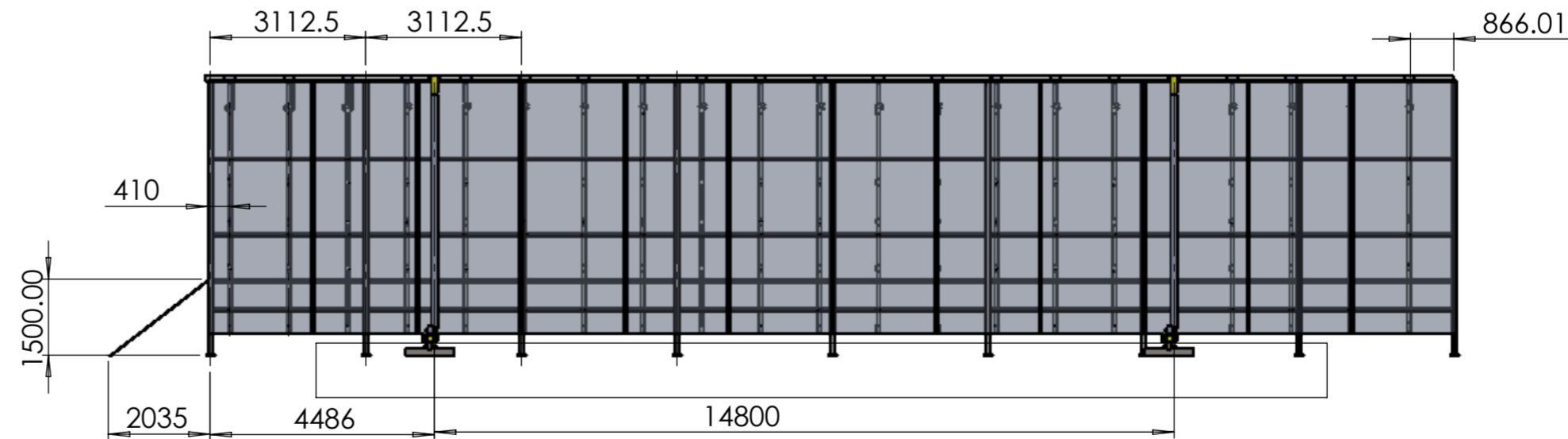
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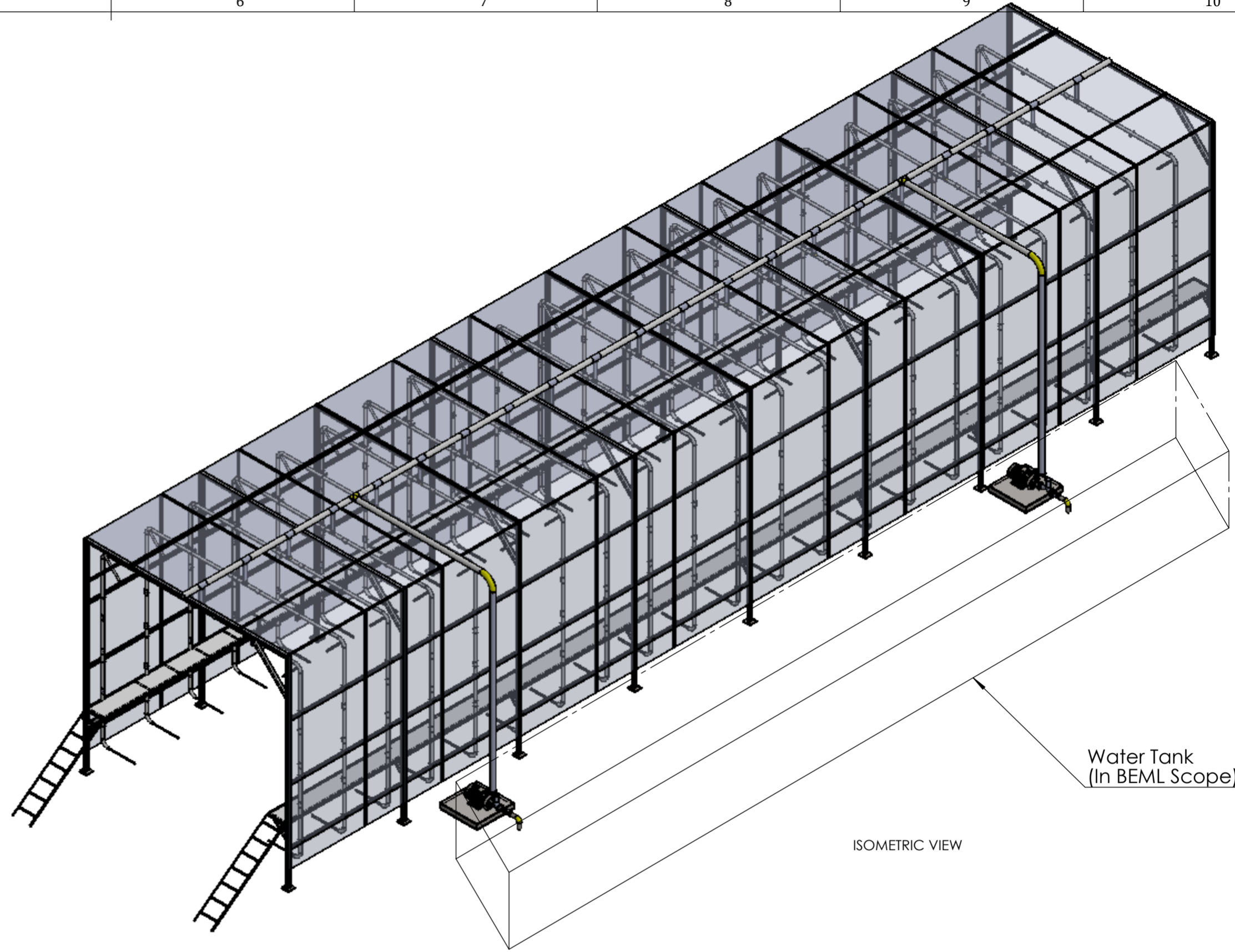
TOP VIEW



FRONT VIEW



SIDE VIEW



ISOMETRIC VIEW

Water Tank
(In BEML Scope)

NOTE - ALL THE DIMENSIONS ARE IN MM.

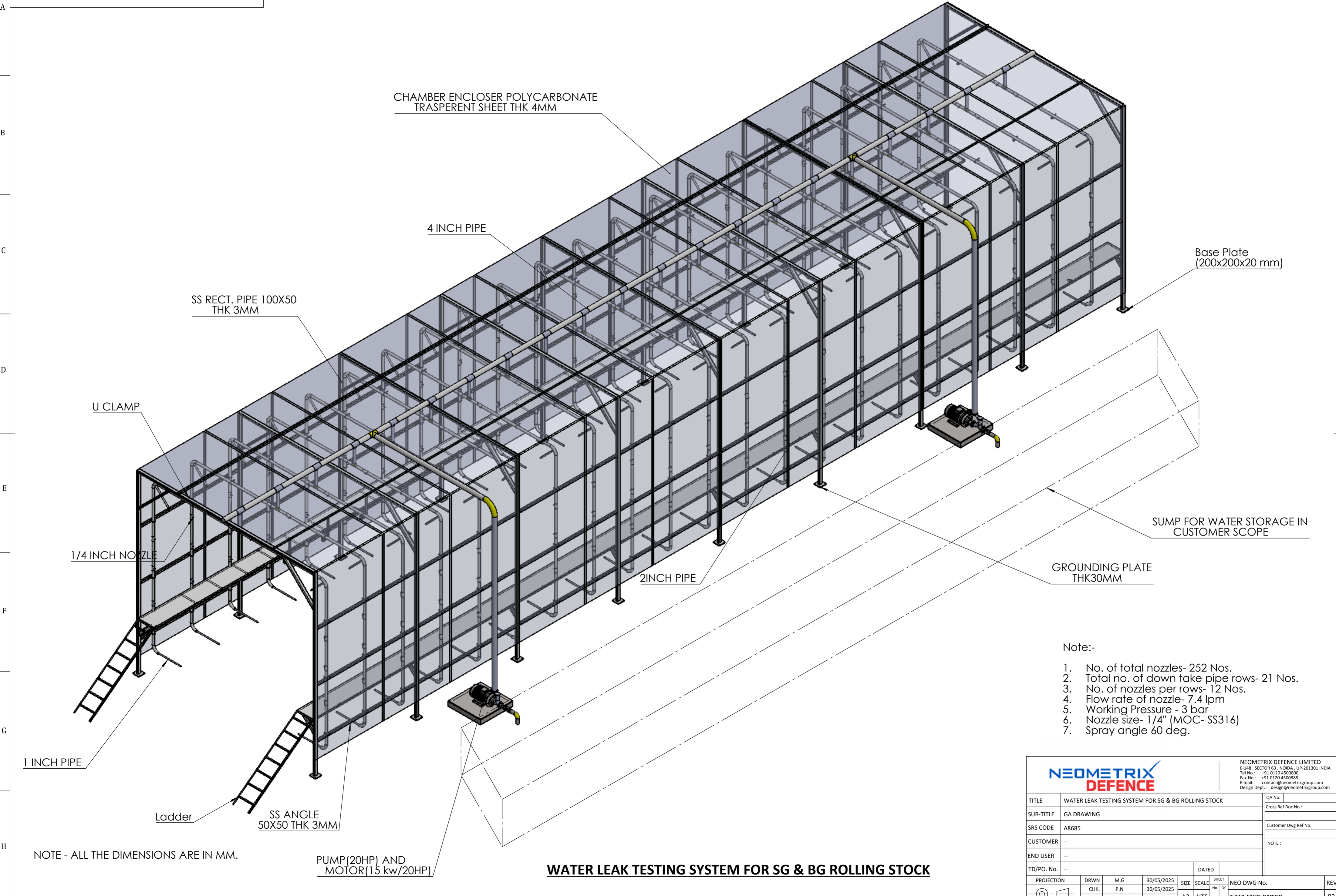
WATER LEAK TESTING SYSTEM FOR SG & BG ROLLING STOCK



NEOMETRIX DEFENCE LIMITED
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 Design Dept.: design@neometrixgroup.com

TITLE	WATER TEST RIG			QA No.	
SUB-TITLE	GA DRAWING			Cross Ref Doc No.:	
SRS CODE	A8685			Customer Dwg Ref No.	
CUSTOMER	--			NOTE :	
END USER	--				
TD/PO. No.	--			DATED	
PROJECTION	DRWN	M.G	30/05/2025	SIZE	SCALE
	CHK.	P.N	30/05/2025	A3	NTS
	APPR.	S.P.S	30/05/2025		
				SHEET No	01 OF 01
				NEO DWG No.	
				T-DAP-A8685-GADWGW	02
				REV	

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CHAMBER ENCLOSER POLYCARBONATE
 TRASPERENT SHEET THK 4MM

4 INCH PIPE

SS RECT. PIPE 100X50
 THK 3MM

Base Plate
 (200x200x20 mm)

U CLAMP

SUMP FOR WATER STORAGE IN
 CUSTOMER SCOPE

1/4 INCH NOZZLE

GROUNDING PLATE
 THK30MM

2 INCH PIPE

Note:-

1. No. of total nozzles- 252 Nos.
2. Total no. of down take pipe rows- 21 Nos.
3. No. of nozzles per rows- 12 Nos.
4. Flow rate of nozzle- 7.4 lpm
5. Working Pressure - 3 bar
6. Nozzle size- 1/4" (MOC- SS316)
7. Spray angle 60 deg.

1 INCH PIPE

Ladder

SS ANGLE
 50X50 THK 3MM

PUMP(20HP) AND
 MOTOR(15 kW/20HP)

NOTE - ALL THE DIMENSIONS ARE IN MM.

WATER LEAK TESTING SYSTEM FOR SG & BG ROLLING STOCK

		NEOMETRIX DEFENCE LIMITED E-148, SECTOR 63, NOIDA, UP-201301 INDIA Tel No.: +91 0120 4500800 Fax No.: +91 0120 4500888 E-mail: contact@neometrixgroup.com Design Dept.: design@neometrixgroup.com	
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A3	NTS	01	01
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