



No.	Material No.	Material Name	Choice	Remarks	Check
		CONSTRUCTION			
1	2992-125367-13	GENERAL CONSTRUCTION	☒		
2	2992-125368-13	INNER CONSTRUCTION	☒		
3	2992-125289-13	CHEMICAL CABINET(1) CONSTRUCTION	☒		
4	2992-125290-13	CHEMICAL CABINET(2) CONSTRUCTION	☒		
5	2992-125369-13	PLUMBING LAYOUT	☒		
6	2992-125370-13	AC,EMO and SIGNAL CABLE LAYOUT	☒		
7	2992-125384-13	NMP OAN LAYOUT	☒		
8	2992-125282-12	IFB CONSTRUCTION	☒		
9	2992-125291-12	FIRE EXT. RACK CONSTRUCTION	☒		
10			☐		
11			☐		
12			☐		
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42			☐		
43			☐		
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45			☐		

EXH. DRAIN	OBJECT	CONNECT	FLUXMAX. 1	CONSUMER FLUX	REMARK
A [BROUILLON]	2-3 PCT	#100 S.S.DUCT	3 m ³ /min	3 m ³ /min	2300-4500 Pa
B	2-4 PCT	†	†	†	†
C	2-1 SPIN. CHEMICAL AREA	†	1.6 m ³ /min	1.6 m ³ /min	†
D	2-2 SPIN. CHEMICAL AREA	†	†	†	†
E	HPB-L	†	0.36 m ³ /min	0.36 m ³ /min	†
F	HPB-R	†	0.32 m ³ /min	0.32 m ³ /min	†
G	JOINT BOX	#100 PP DUCT	2.6 m ³ /min	2.6 m ³ /min	†
H	PB#21 CHEMICAL AREA	#100 S.S.DUCT	1.6 m ³ /min	1.6 m ³ /min	†
I	3-3 DEV	†	2.5 m ³ /min	1.3 m ³ /min	†
J	3-4 DEV	†	†	†	†
K	HPB-L	†	0.36 m ³ /min	0.36 m ³ /min	†
L	HPB-R	†	0.4 m ³ /min	0.4 m ³ /min	†
M	PB#31 CHEMICAL AREA	†	1.6 m ³ /min	1.6 m ³ /min	†
N	CHEMICAL CABINET(1)	†	0.9 m ³ /min	0.9 m ³ /min	†
O	CHEMICAL CABINET(2)	†	†	†	†
P	†	†	†	†	†
Q	2-3 PCT	#65 A.S.S.WAGE	1 L/min	0.1 L/min	0Pa
R	2-4 PCT	†	†	†	†
S	3-3 DEV	#24 180 PP TUBE	2.2 L/min	0.8 L/min	†
T	3-4 DEV	†	†	†	†
U	CUP T/H CONT.	#127 S.S.WAGE	0.02 L/min	—	†
V	HPB-L,R	#6.35 S.S.WAGE	†	—	†
W	HPB-L,R	†	†	—	†
X	EXH. JOINT BOX	†	†	—	†
Y	3-1 PCT	#100 S.S.DUCT	3 m ³ /min	3 m ³ /min	2300-4500 Pa
Z	3-2 PCT	†	†	†	†
AA	3-1 PCT	#65 A.S.S.WAGE	1 L/min	0.1 L/min	0Pa
AB	3-2 PCT	†	†	†	†
UTILITY	OBJECT	CONNECT	FLUXMAX. 1	CONSUMER FLUX	REMARK
A1	DRY AIR UNIT DRIVE	#127 S.S.WAGE	4788 L/min	2973 L/min	≥150Pa
N1	N2/O2 PURGE	†	150 L/min	102 L/min	≥1450Pa
N2	LIQUID	†	282 L/min	107 L/min	†
V1	VAC. CHUCK VAC.	†	92.5 L/min	2 L/min	4-73.3Pa
C1	TEMP. CONT. UNIT	#127 S.S.WAGE	8 L/min	8 L/min	0.15-0.30Pa
C2	†	†	†	†	0Pa
C3	CPL, TCP	#127 S.S.WAGE	8 L/min	8 L/min	0.15-0.30Pa
C4	†	†	†	†	0Pa
C5	CPL	#127 S.S.WAGE	8 L/min	8 L/min	0.15-0.30Pa
C6	†	†	†	†	0Pa
C7	HPB COVER EXH.	#127 S.S.WAGE	12 L/min	12 L/min	0.15-0.30Pa
C8	†	†	†	†	0Pa
C9	CUP T/H CONT.	#127 S.S.WAGE	6 L/min	6 L/min	0.15-0.30Pa
C10	†	†	†	†	0Pa
EA	HPB#11 CHEMICAL AREA	#127 S.S.WAGE	3 L/min	3 L/min	0.15-0.30Pa
EB	HPB#21 CHEMICAL AREA	†	†	†	†
EC	HPB#31 CHEMICAL AREA	†	†	†	†
ED	CUP T/H CONT.	#127 180 PP TUBE	0.05 L/min	0.05 L/min	0.25-0.35Pa
DS1	LIQUID IN PCT DEV	#127 S.S.WAGE	1.5 L/min	0.1 L/min	0.15-0.30Pa
DS2	LIQUID IN PCT	†	†	†	†
S01	SOLVENT IN PCT	†	†	0.05 L/min	†
S02	SOLVENT IN PCT	†	†	†	†
S03	SOLVENT IN DEV	†	†	0.1 L/min	†
S04	SOLVENT IN PCT	†	†	†	†

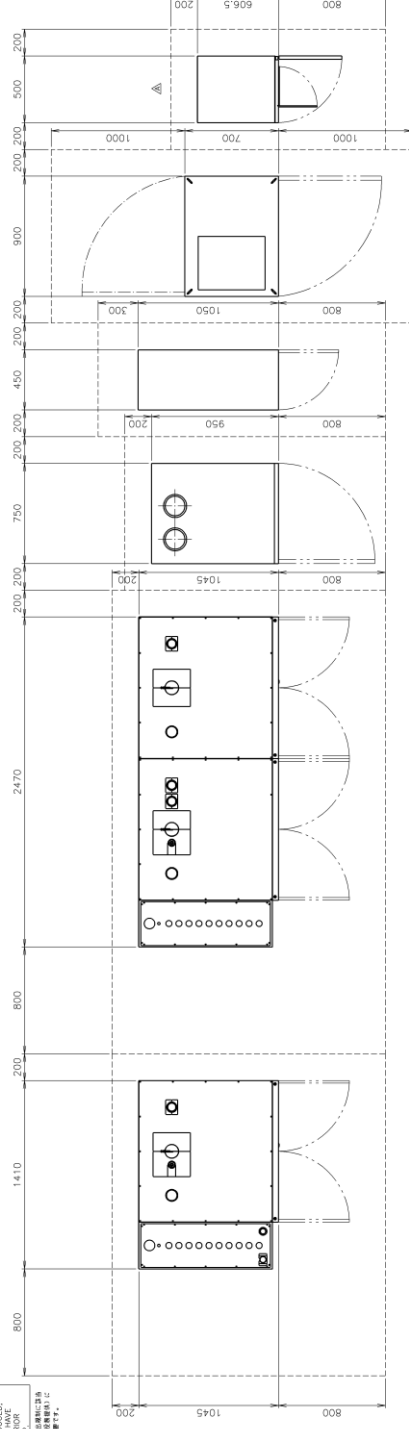
ELECTRICAL	POSITIVE	CONNECT	WIRE GAUGE	CAPACITY	REMARK
α	AC/200V 3PHASE	SOLDER LESS	300A	91.4KVA	43.5N·m
β	AC/200V 1PHASE	CONDUIT USE			

DISCONNECTOR ELECTRICAL RATING		
POLES AMPERS VOLTS MAX	A/C	STANDARD
3P 250A	480VAC	42A/240VAC
		UL489/IC9947-2
		250MCM

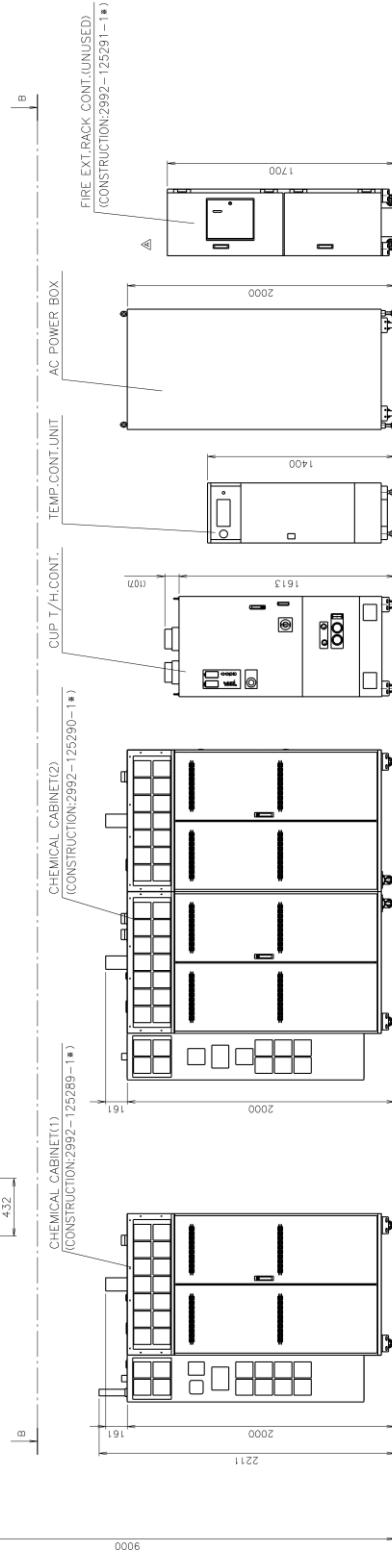
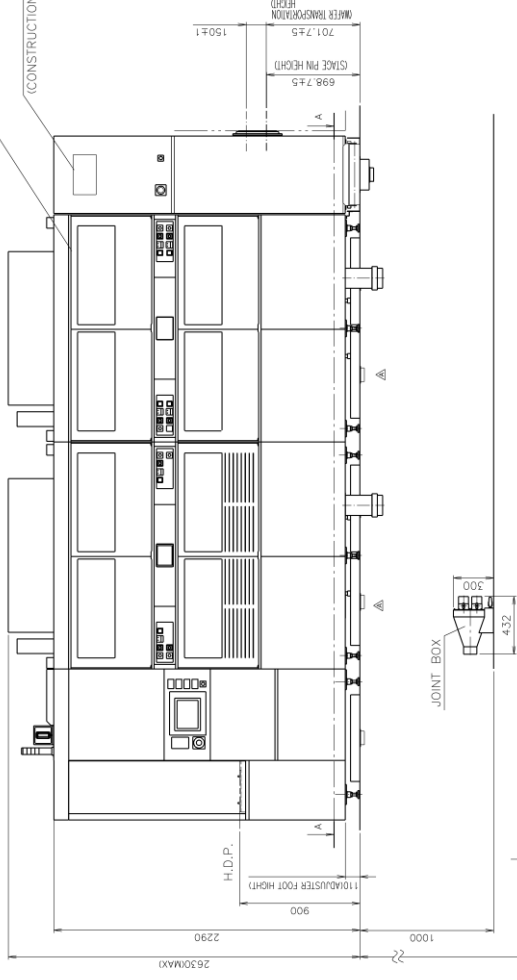
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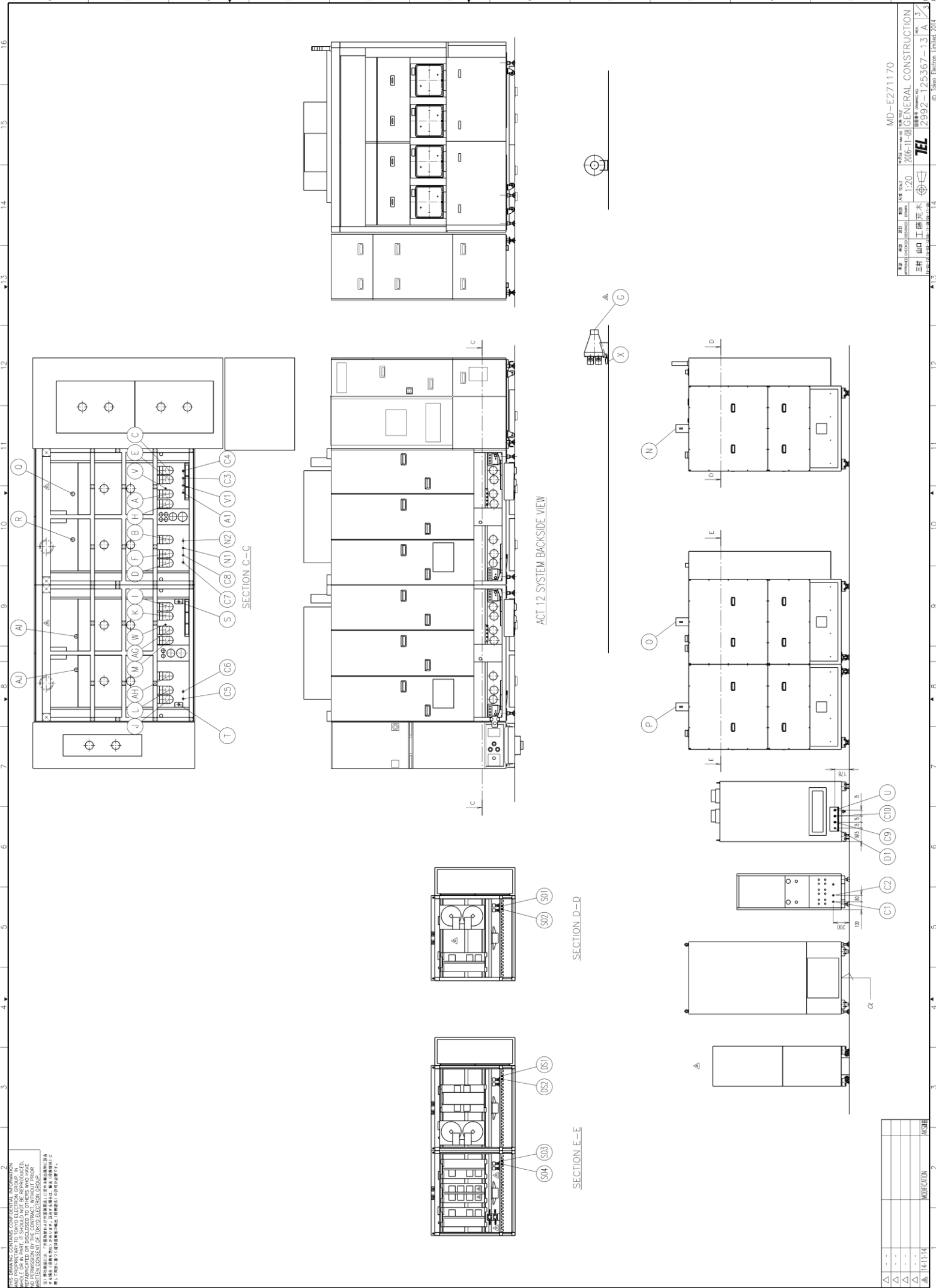
Equipment sound noise level (L_{Aeq}) : 70 dB or less
Measuring point of L_{Aeq} : 1m distance from equipment, 1.5m height from floor

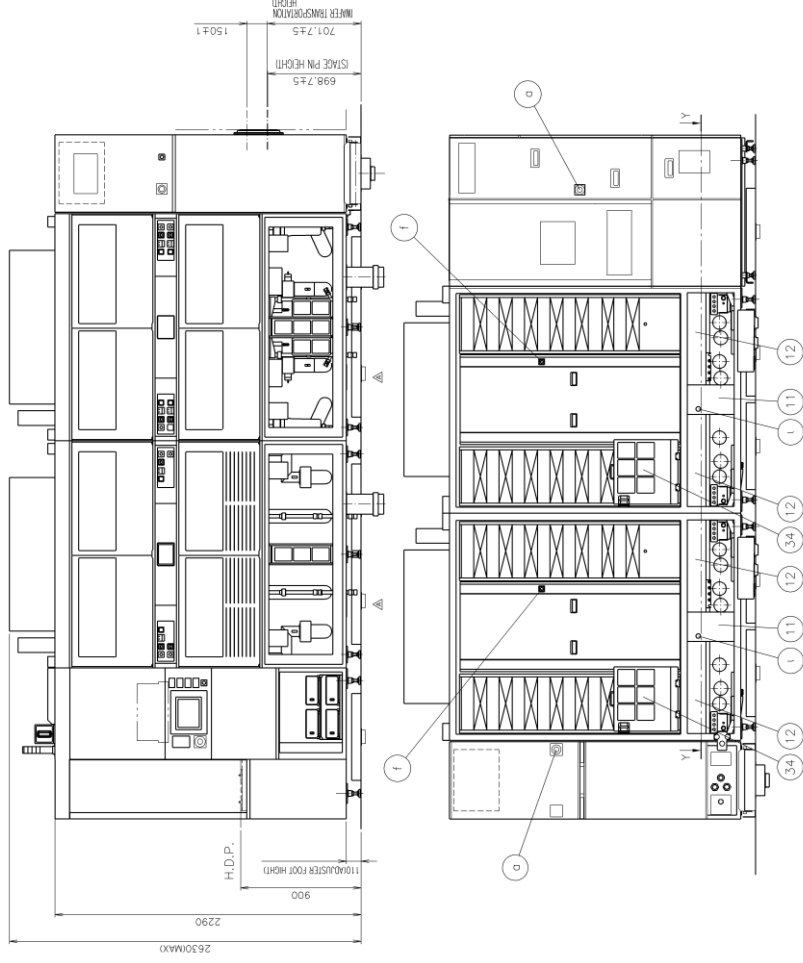
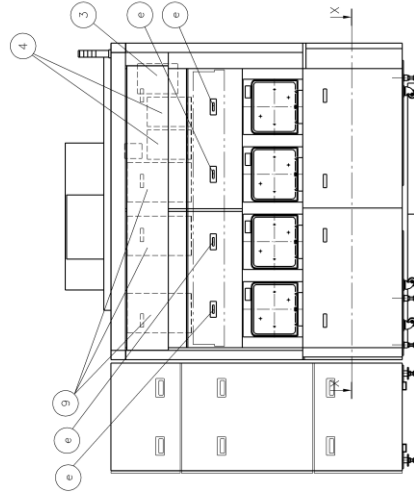
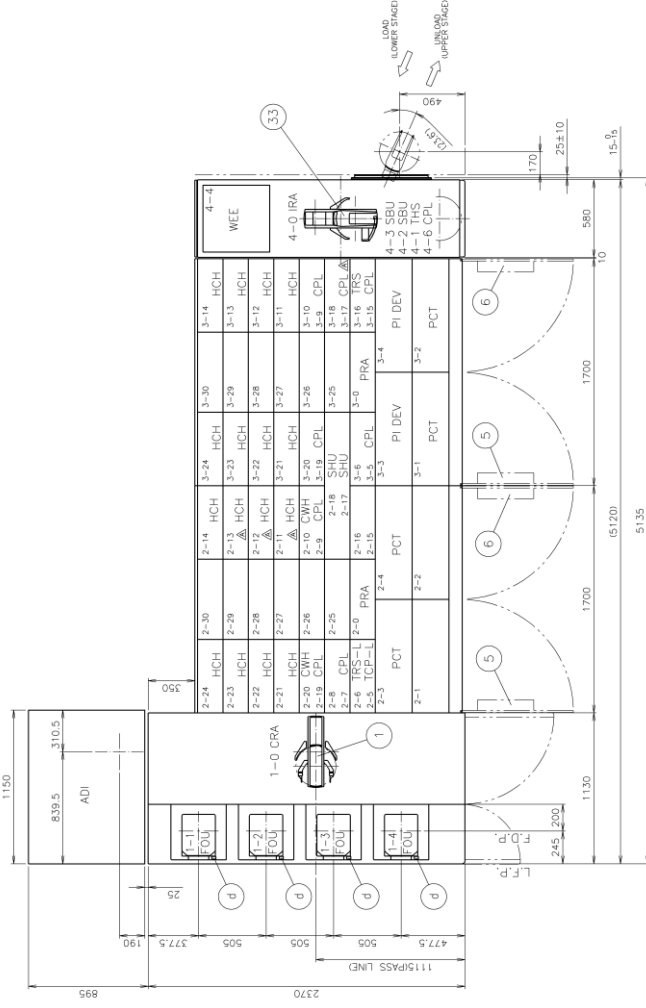
F.D.P.	FACIAL DATUM PLANE
H.D.P.	HORIZONTAL DATUM PLANE
L.F.P.	LOAD FACE PLANE



VIEW B-B

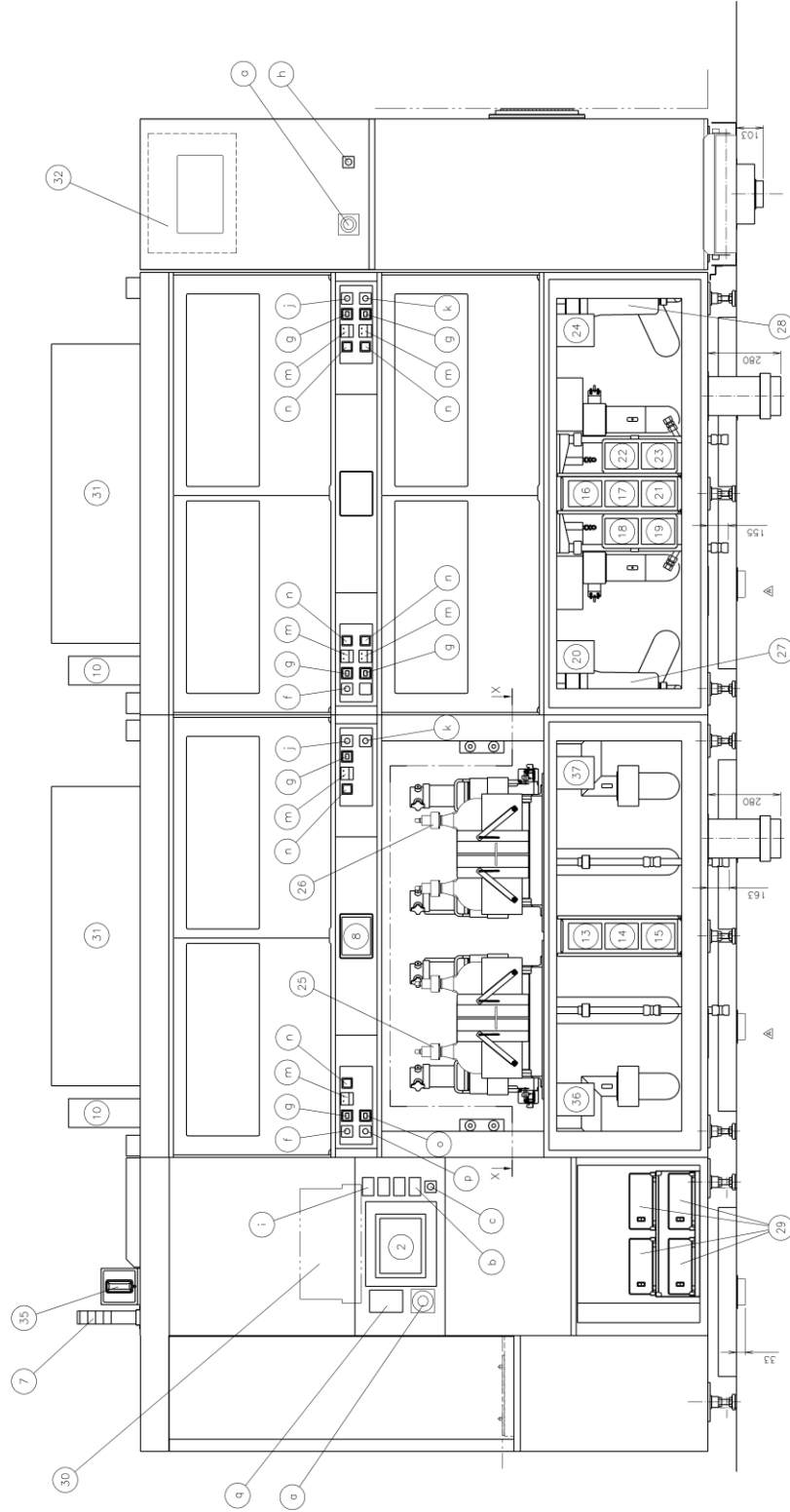




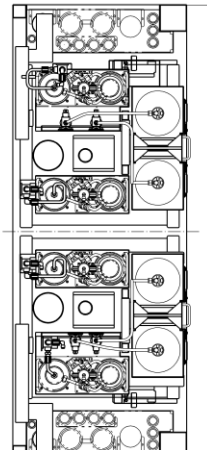


ACT-12 SYSTEM BACK SIDE VIEW

[illegible]

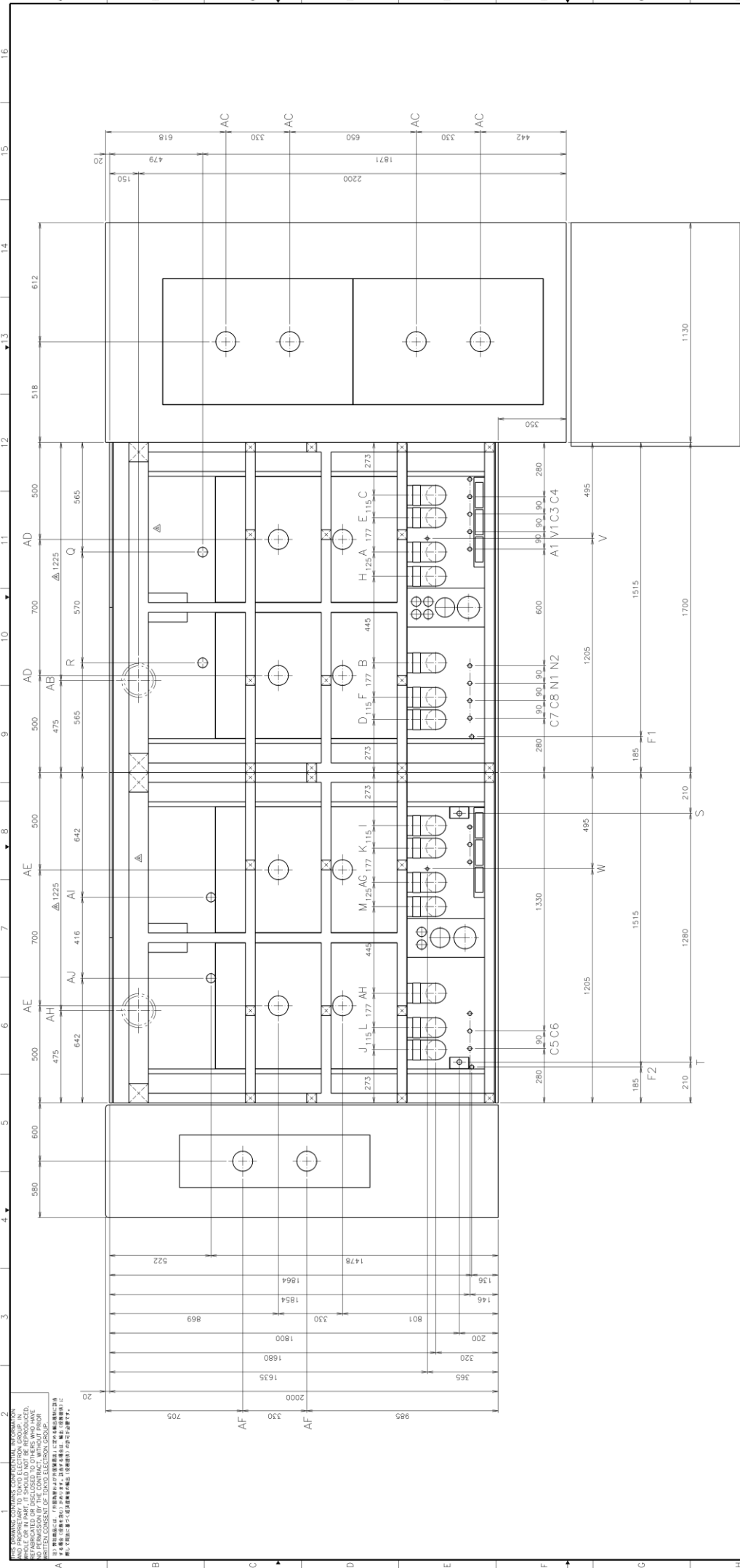


ACT-12 SYSTEM FRONT SIDE DETAIL (S=1:10)



CROSS SECTION X-X (S=1:10)

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14-11-14			MODIFICATION	JANSHI



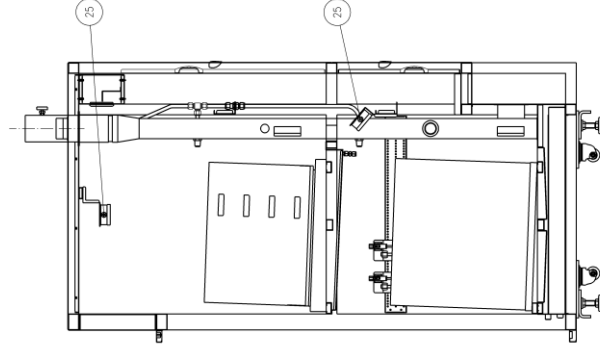
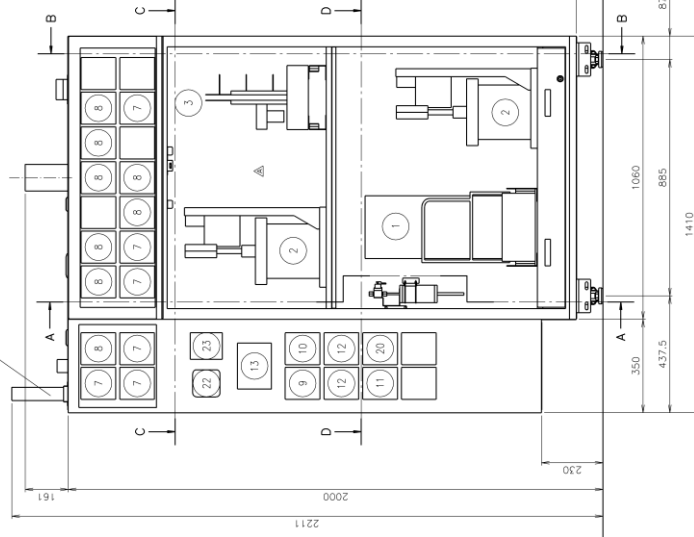
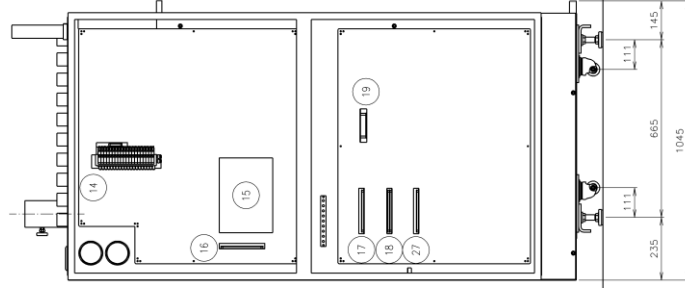
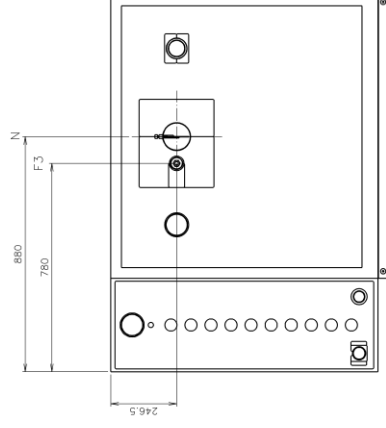
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UTILITY

N. EXH. (SOLVENT)
S01. SOLVENT(1)
S02. SOLVENT(2)
OTHER CONNECTION
F3. C02 IN (UNUSED)

ORGANIZATION

- | |
|---|
| 1. TANK CART(SOLVENT) |
| 2. PUMP CHEMICAL SUPPLY(SOLVENT) |
| 3. SOLVENT PANEL |
| 4. AIR OPERATED VALVE(SOLVENT SUPPLY) |
| 5. AIR OPERATED VALVE(SOLVENT PRESS) |
| 6. I/E(SOLVENT) |
| 7. MANUAL VALVE |
| 8. REGULATOR/GAUGE |
| 9. DEPRESSURIZATION LOCK OUT KEY SW. |
| 10. EMERGENCY STOP SW. |
| 11. MANO METER |
| 12. PUMP CHEMICAL SUPPLY VAC. |
| 13. SUB OPERATION PANEL |
| 14. SOLENOID |
| 15. CHEMICAL I/O BOARD |
| 16. DC/DC CONVERT BOARD |
| 17. GHOST REPEATER BOARD |
| 18. I/F BOARD |
| 19. DIVIDE MONITOR BOARD |
| 20. INTERCOM CONNECTOR |
| 21. SIGNAL TOWER |
| 22. HORN/STROBE(FIRE EXTINGUISHER)UNUSED |
| 23. PULP STATION(FIRE EXTINGUISHER)UNUSED |
| 24. NOZZLE(FIRE EXTINGUISHER)UNUSED |
| 25. IIR/I/R SENSOR(UNUSED) |
| 26. FID SENSOR(FID) |
| 27. EXT DIO BOARD |



SECTION A-A

SECTION B-B[illegible]

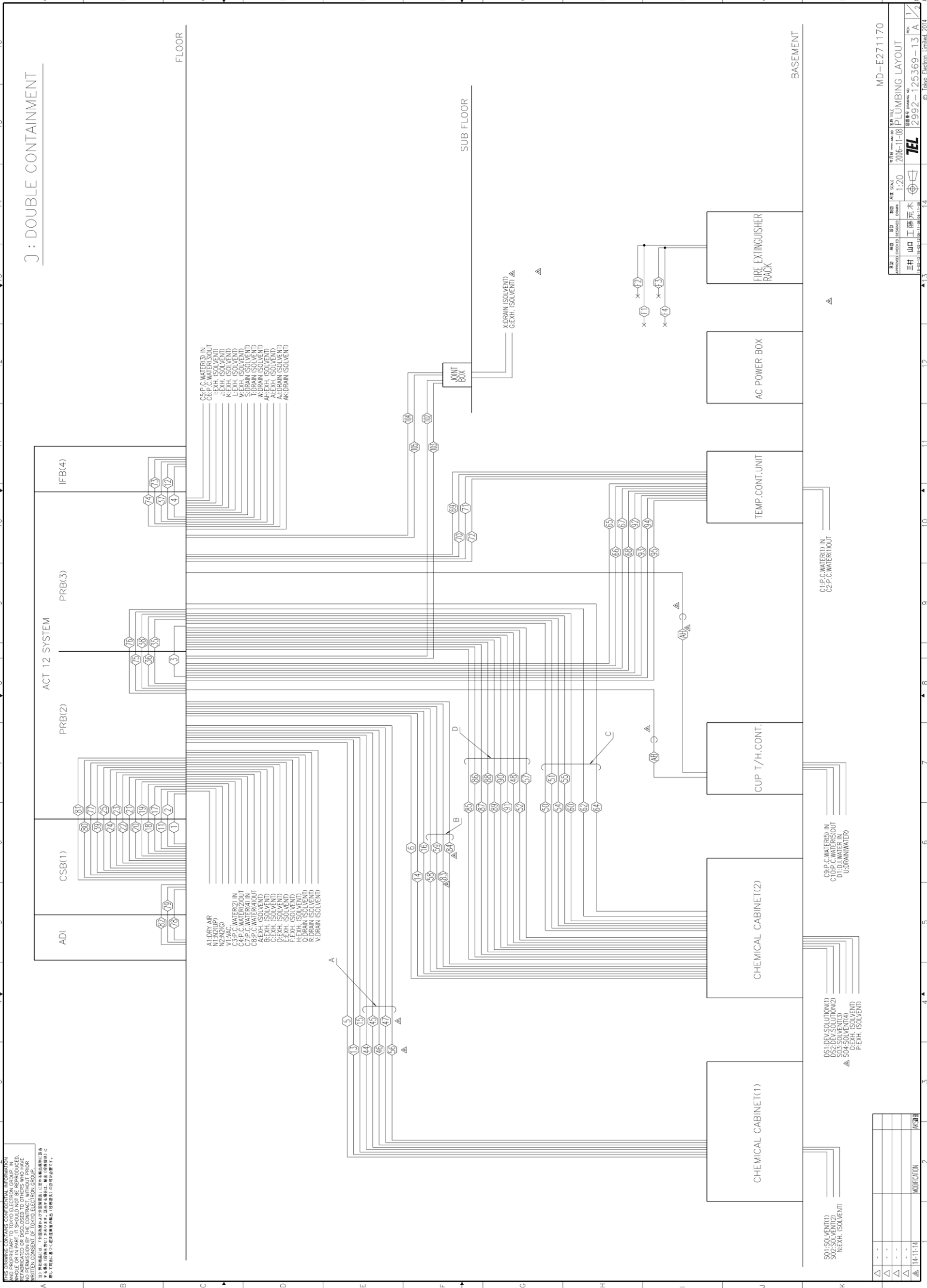
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J : DOUBLE CONTAINMENT

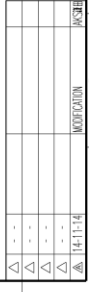
FLOOR

SUB FLOOR

BASEMENT



This drawing is not related to the location of the conduits.

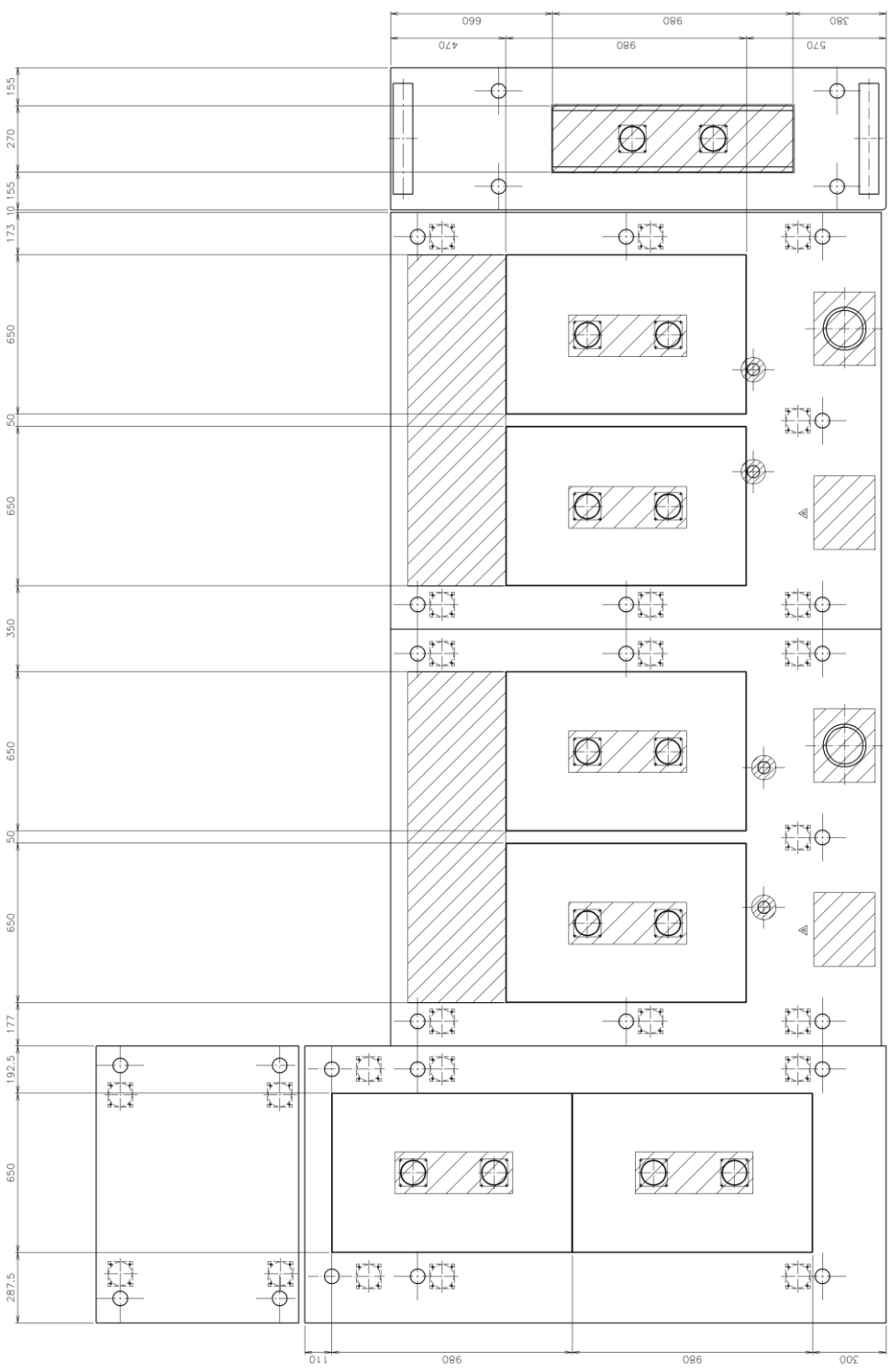


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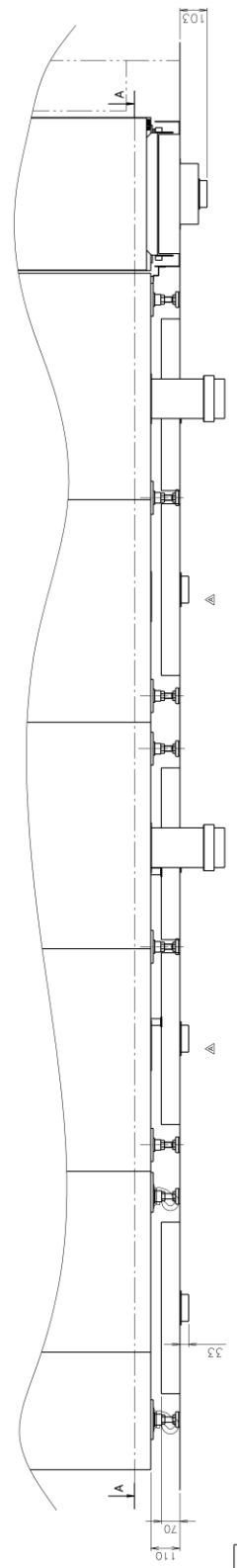
16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

A B C D E F G H I J K



■ : FLOOR CUTTING

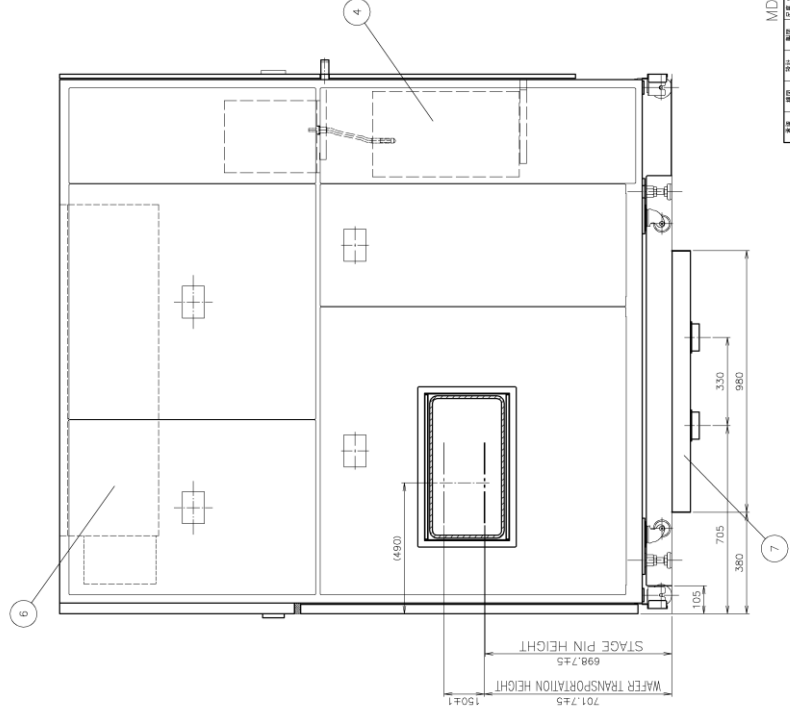
SECTION A-A





b. EMERGENCY STOP SW.

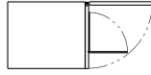
7 PAN



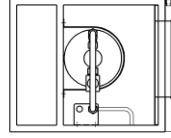
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$\triangle$	11-11-25A-5H-8.15	MODIFICATION	山住		

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MATERIAL: STAINLESS STEEL



APPEARANCE(S=1:20)



ORGANIZATION

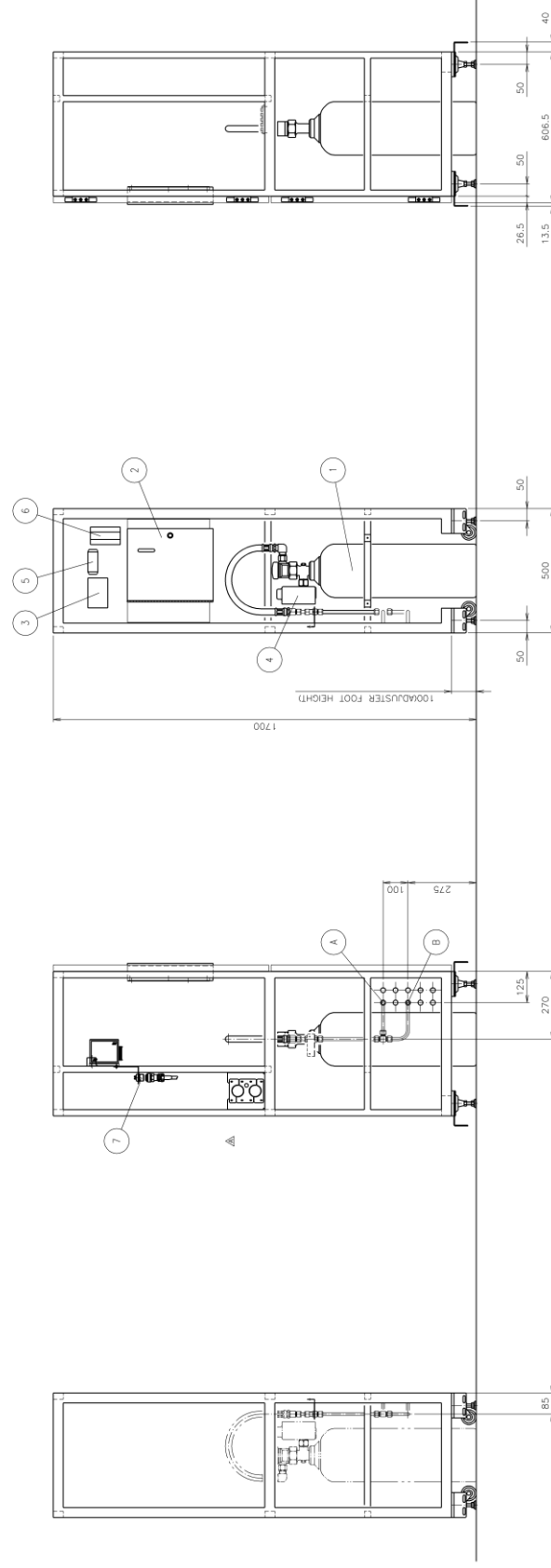
1. CO2 CYLINDER
2. CONTROL PANEL(FIRE EXTINGUISHER)
3. 1/F BOARD
4. ELECTRICAL CONTROL HEAD
5. AC TERMINAL(FIRE EXTINGUISHER)
6. DC POWER SUPPLY(FIRE EXTINGUISHER)
7. AC PLUG CONNECTOR(FIRE EXTINGUISHER)

OTHER UTILITY

- ▲ A. CO2 OUT Ø12.7 S.S.SWAGE(UNUSED)

ELEC. POWER

- ~~3. AC120V(1PHASE)~~



△	-			
△	-			
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△	-			
▲	11-12-26C-13D-13H-6	MODIFICATION		山本浩