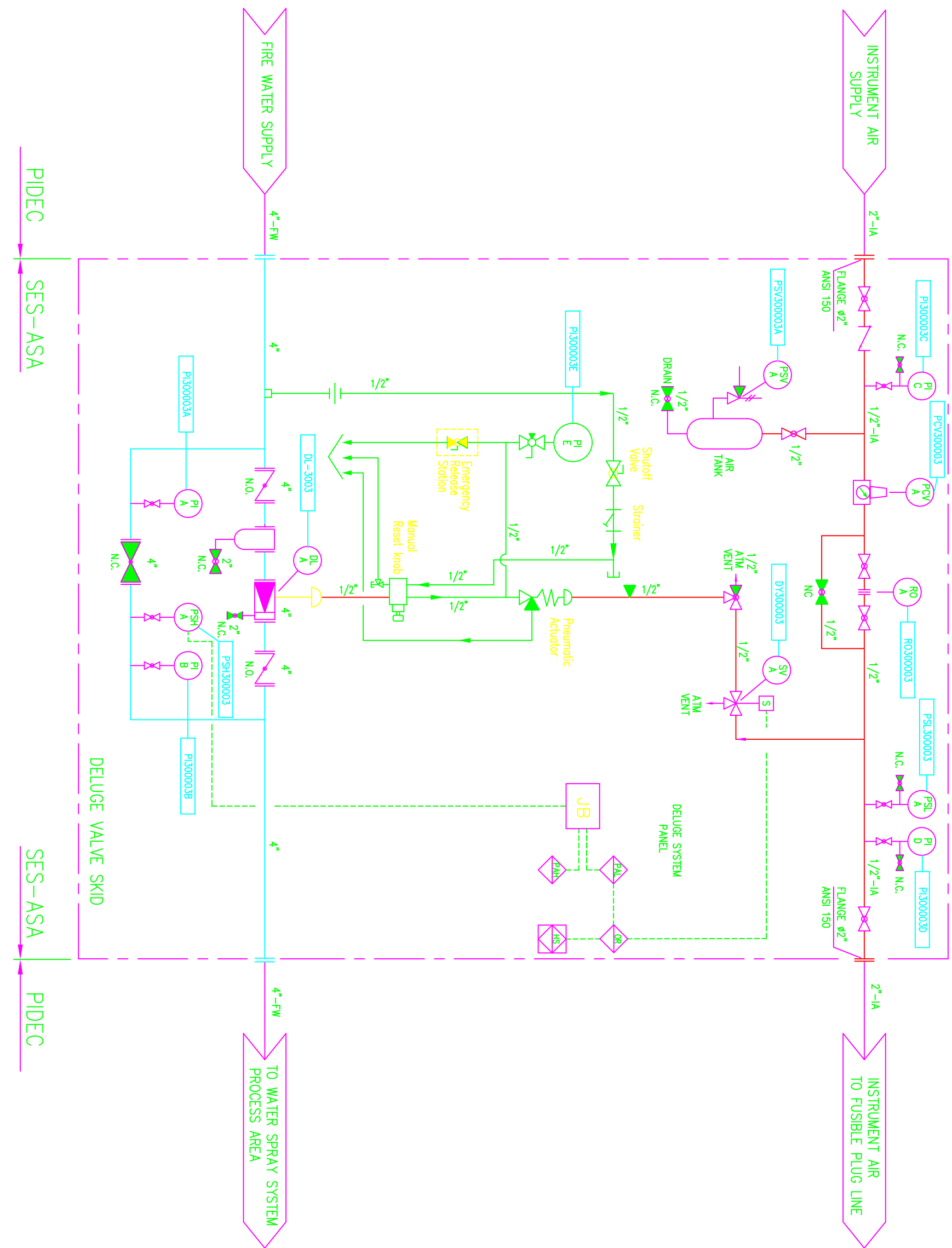
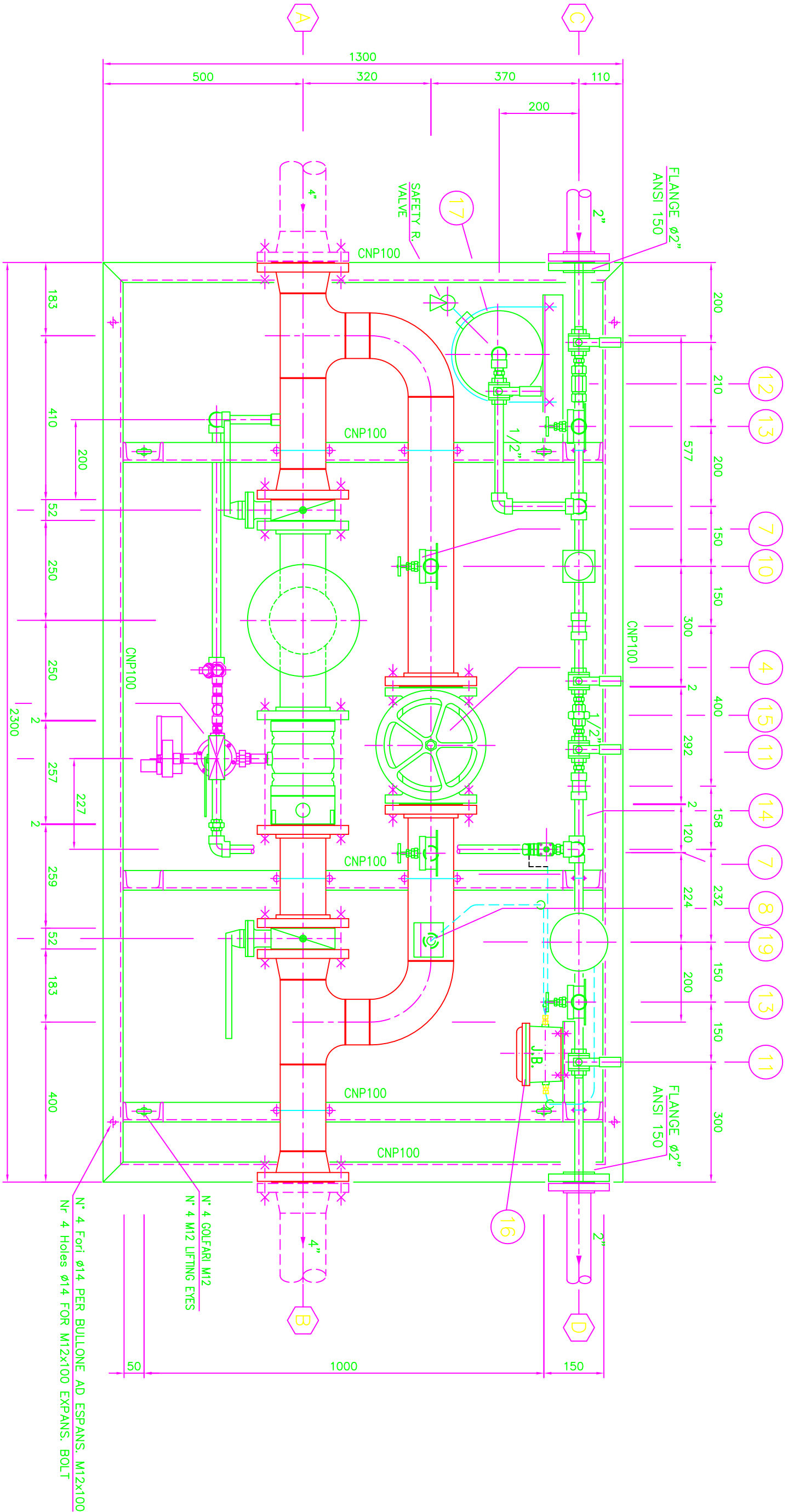
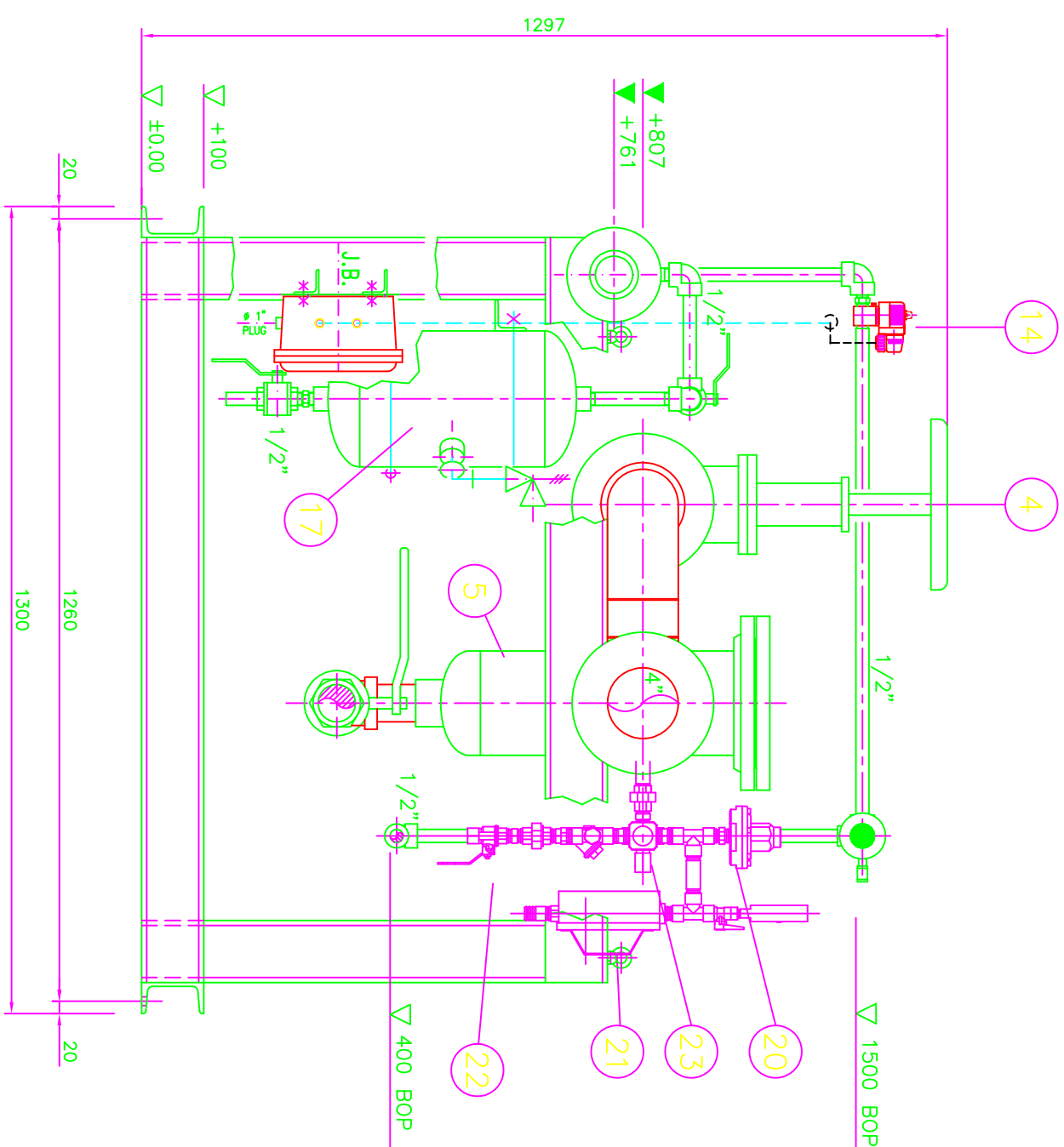
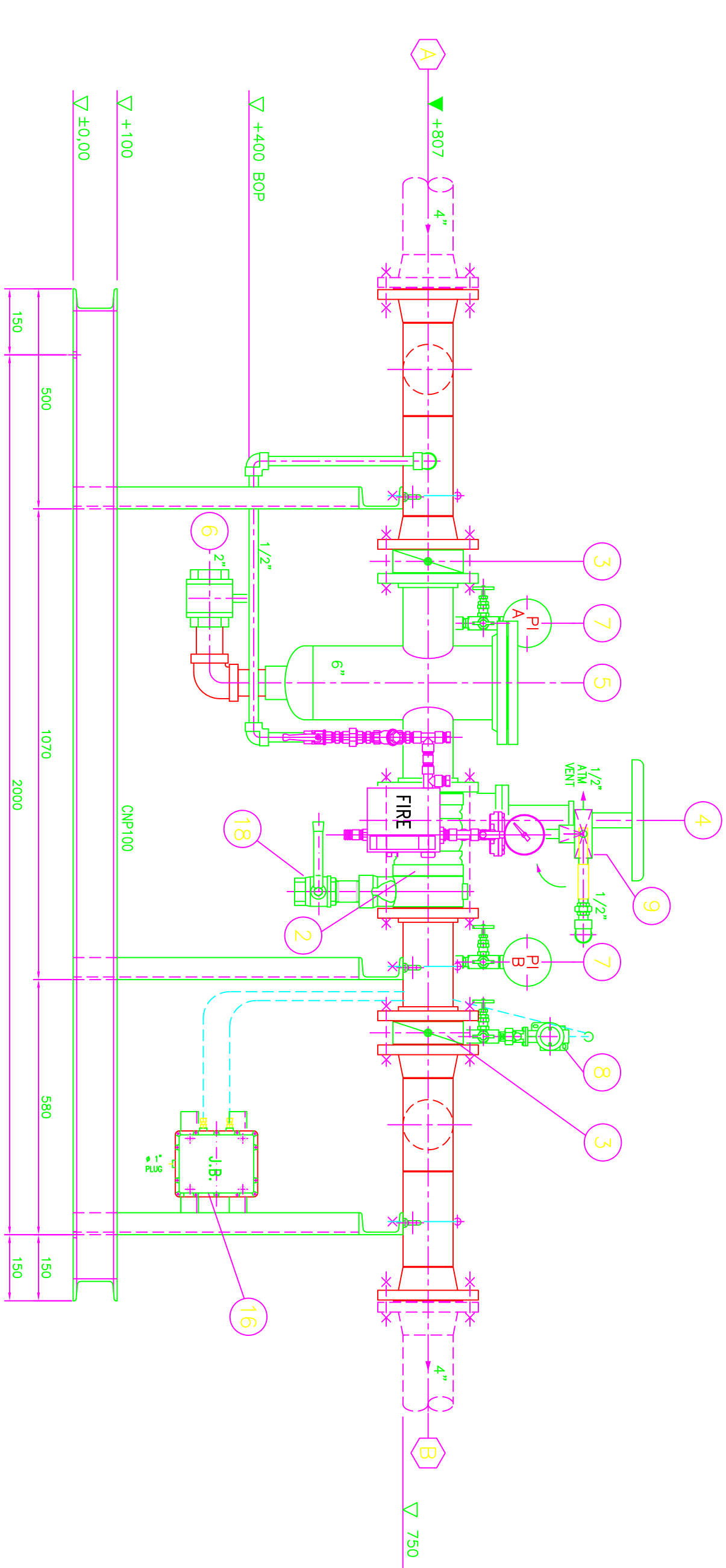
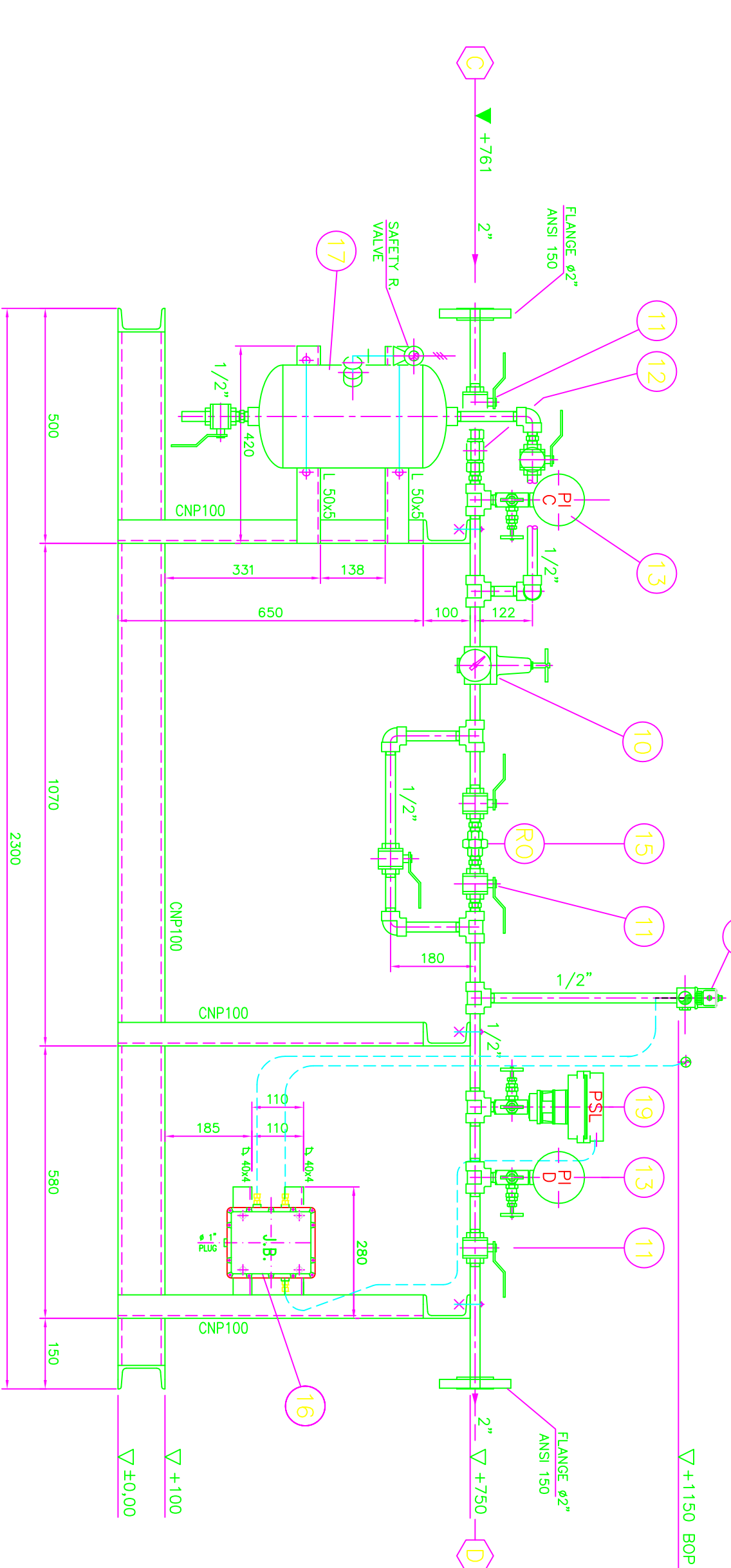




POS.	LEGEND	N°	MATERIAL
1	SELF-STANDING SKID WITH LIFTING EYES	1	ROH - FE 300
2	4" ANSI 150# DELUGE VALVE WATER TYPE -799-00-14801	1	C. ST/LO. ROH/RUBBER
3	4" ANSI 150# BUTTERFLY VALVE WATER TYPE	2	4216 W8 / ANSI 316
4	4" ANSI 150# GLOBE VALVE	1	4216 W8 / ANSI 304
5	4" ANSI 150# FLANGED SHOWER T" TYPE	1	0488 ST/SL / ANSI 316
6	4" 2" NPT ANSI 800# BALL VALVE (SHOWER DOWN)	1	C. ST. - A. 105/403 304
7	4" 100 PRESSURE GAUGE 0-125 BAR - 1/2" RADIAL CONN.	2	STAINLESS STEEL
8	PRESSURE SWITCH ES-4 - 10PSI-40" TYPE (SET AT 1 BAR -)	1	BRASS / LIGHT ALLOY
9	THREE WAYS MANUAL RELEASE VALVE	1	0488 ST/SL/ST. STEEL
10	PRESSURE REDUCER 30 + 3.5 BAR - MOD. R121 C1	1	BRASS 70-90
11	1/2" NPT BALL VALVE (INTERCEPTION LINE)	7	ST. STEEL - ANSI 316
12	1/2" NPT COX VALVE FOR AIR	1	ST. STEEL - ANSI 316
13	4" 100 PRESSURE GAUGE 0-16 Bar - 1/2" RADIAL CONN.	2	STAINLESS STEEL
14	4" 1/4" NPT 3 WAYS SOLENOID VALVE - 24 Vdc ES-4	1	STAINLESS STEEL
15	RESTRICTION ORIFICE # 2 mm	1	ST. STEEL - ANSI 316
16	JUNCTION BOX - WATER PROOF - ES-4 - TYPE TUB-1"	1	LIGHT ALLOY
17	LT. 10 AIR TANK WITH SAFETY RELIEF VALVE (1 BAR)	1	CARBON STEEL
18	4" 2" BALL VALVE (DRAIN LINE)	1	STAINLESS STEEL
19	PRESSURE SWITCH ES-4 - 75-40" TYPE (SET AT 2.5 BAR -)	1	C. STEEL /LIGHT ALLOY
20	PNEUMATIC ACTUATOR	1	BRASS/ST. STEEL
21	EMERGENCY RELEASE STATION	1	BRASS/LOWE. STEEL
22	SHUTOFF VALVE	1	BRASS
23	MANUAL RESET RAMB	1	BRASS

BATTERY LIMIT CONNECTIONS:

- A - 4" ANSI 150# RF WATER INLET
- B - 4" ANSI 150# RF WATER OUTLET
- C - 2" ANSI 150# RF INSTRUMENT AIR SUPPLY
- D - 2" ANSI 150# RF INSTRUMENT AIR OUTLET

UTILITY DATA:

- DESIGN PRESSURE : WATER : 11.5 bara
- WORKING PRESSURE : 12 bara
- TEST PRESSURE : 21 bara
- TEMPERATURE (DESIGN) : 65 °C

MATERIAL:

- SKID WATER LINE AP 5L Gr: B SCH-40 & FLANGES
- ASTM A105 ANSI 150#-125-250 AARH
- PIPING AIR LINE : AISI 316 SCH-40# FITTINGS 3000LBS NPT SCREW-FLANGE
- A182 ANSI 150-125-250 AARH

FINISH:

- SKID PAINTING : RED RAL 3002 - DRY FILM Th. = 150 Micron
- EXTERNAL PIPING : RED RAL 3002 - DRY FILM Th. = 150 Micron
- INTERNAL PIPING : CERAMIC COATING - DRY Th. 300 Micron

NOTE:

- TOTAL WEIGHT : 520 Kg ~
- DRAWING VALID FOR N°1 SKID
- TAC DL-3003

☐ NO COMMENT ☐ PROCESSED ACCORDINGLY, REMOVED DOCT ☐ TO BE ISSUED EITHER FOR REVIEW OR ☐ AS FINAL CERTIFIED. JAWABERS ZAGROS ☐ FOR PROPER INCORPORATION. ☐ SELECTED DOCUMENT TO BE REPRODUCED. ☐ USE FOR INFORMATION ONLY.	SIGNATURE _____ DATE _____
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THE DESIGN & CONSTRUCTION SHALL BE
 THE RESPONSIBILITY OF THE RESPONSIBILITY
 FOR THE CORRECT DESIGN, MANUFACTURING
 AND OPERATION OF EQUIPMENT.

PROJECT :
 PETROCHEMICAL INDUSTRIES
 DESIGN & ENGINEERING COMPANY
 4TH METHANOL PLANT

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 NARFOAM KAR CO.

TITLE :
 PROCESS AREA
 4" WATER DELUGE SKID
 - ASSEMBLY -
 SCALE :
 DWG NO :
 SHEET : 1 OF 1