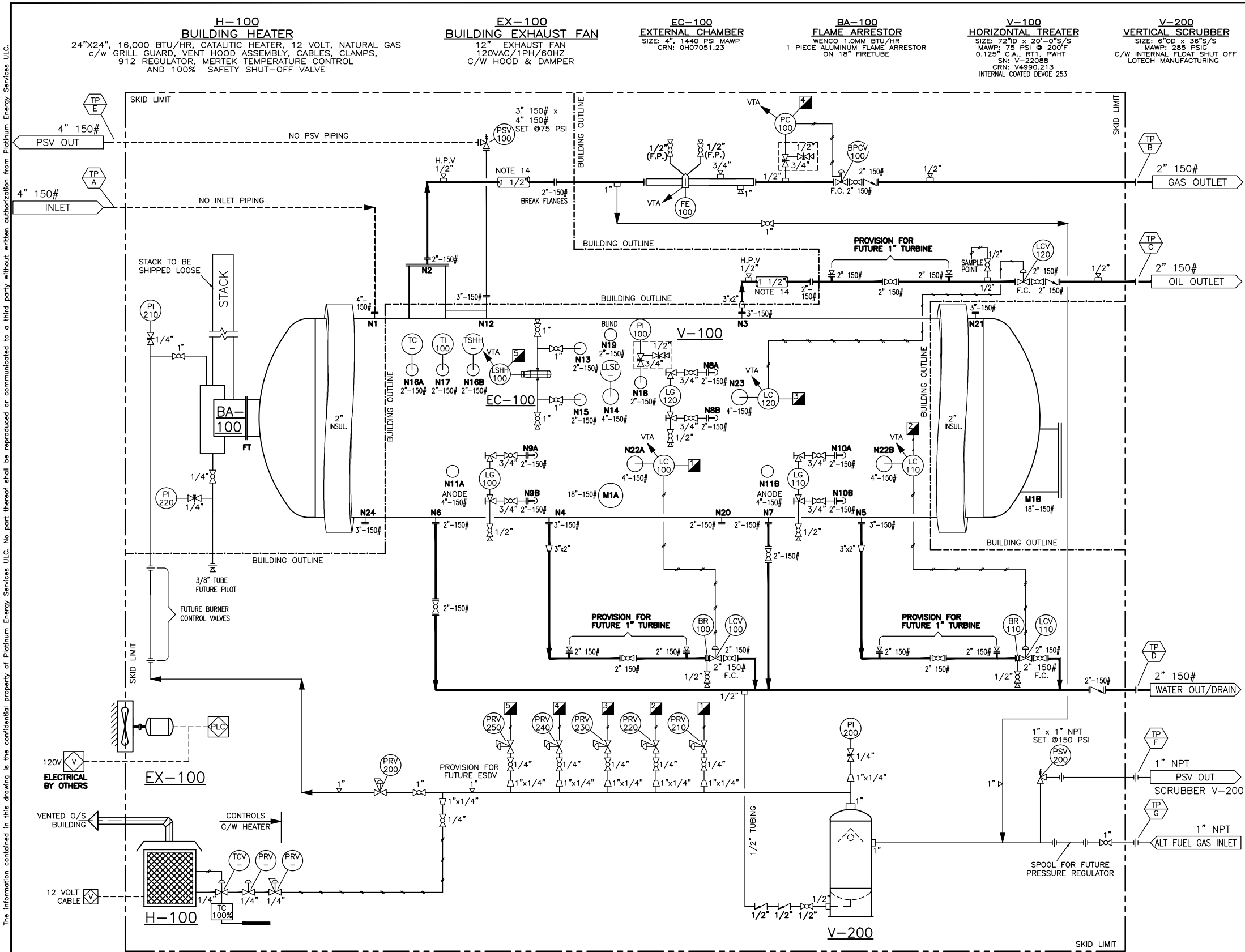


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INSTRUMENT AND EQUIPMENT LIST		
ITEM	QTY	DESCRIPTION
BPCV-100	1	FISHER D4, 2" 150# RF PRESSURE CONTROL VALVE, 1" TRIM, FAIL CLOSE, 0-20 PSI
FE-100	1	2" 150 SR METER RUN SCH. XH C/W PIN TYPE FLOW CONDITIONER AGA 2000 48" END/END (2" 600# ENDS)
LC-100/110	2	NORRISAL 1001A LEVEL CONTROLLERS, DIRECT SNAP ACTING, RIGHT HAND MOUNT, HORIZONTAL PVC DISPLACER, C/W 4" 150# HUB FLANGE C/W 2" NPT D/T
LC-120	1	NORRISAL 1001A LEVEL CONTROLLER, DIRECT SNAP ACTING, RIGHT HAND MOUNT, VERTICAL PVC DISPLACER, C/W 4" 150# HUB FLANGE C/W 2" NPT D/T
LCV-100/110/120	3	KIMRAY MODEL 212 FMT DB PO-D LEVEL CONTROL VALVE, 2" 150# DUCTILE IRON 250 PSI MAWP, F.C., SOUR SERVICE
LG-100/110	2	DANIEL OR EQUAL TRANSPARENT LEVEL GAUGE, 15" C/C, 75 PSI MAWP, C/W 2-2" 150# BLIND FLANGE C/W 3/4" NPT D/T, SOUR SERVICE
LG-120	1	DANIEL OR EQUAL TRANSPARENT LEVEL GAUGE, 18" C/C, 75 PSI MAWP, C/W 2-2" 150# BLIND FLANGE C/W 3/4" NPT D/T, SOUR SERVICE
LSHH-100	1	SOR 1530C-G2A-C-JO-PS-NC PNEUMATIC LEVEL SWITCH, 2" MNPT, 316SS, 1500 PSI MAWP
PSV-100	1	FARRIS 3" 150# x 4" 150# RF PSV MODEL# 26LA10-120 RELIEF VALVE, ("L") ORIFICE NACE PRIMARY ZONE SET @ 75 PSI
PSV-200	1	TAYLOR 8200 1" NPT x 1" NPT, SET @ 75 PSI
PC-100	1	FISHER C1 PRESSURE CONTROLLER, 0-100 PSI TUBE, 3-15 PSI
PI-100	1	0-100 PSI, BM, LF, DS, 4" FACE SST IN/OUT PRESSURE GAGE C/W 2" 150# BLIND FLANGE C/W 1/2" NPT D/T
PI-200	1	0-100 PSI, BM, LF, DS, 2 1/2" FACE SST IN/OUT PRESSURE GAGE
PI-210/220	2	0-30 PSI, BM, LF, DS, 2 1/2" FACE SST IN/OUT PRESSURE GAGE
PRV-200	1	WELLMARK 200P1 1" NPT 5-20 PSI SET POINT REGULATOR
PRV-210/220/230/240/250	5	FISHER 67CFR 0-35 PSI REGULATORS, 1/4" NPT
TI-100	1	0-250°F 3" DIAL x 9" STEM DUAL SCALE, C/W 3/4" x 1/2" x 9" 316 SST THERMAL WELL, C/W 2" 150# BLIND FLANGE C/W 3/4" NPT D/T
BR-100/110	2	2" 150# BLEED RING, 1 1/2" THK C/W 1/2" NPT D/T
VALVE LIST		
BALL VALVE	10	2" 150# RF, R.P. BALL VALVES, SOUR SERVICE, WKM
BALL VALVE	8	1" NPT 2000# BALL VALVES R.P NAVCO C1 SST
BALL VALVE	6	3/4" NPT 2000# BALL VALVES R.P NAVCO C1 SST
BALL VALVE	7	1/2" NPT 2000# BALL VALVES R.P NAVCO C1 SST
BALL VALVE	2	1/2" NPT 2000# BALL VALVES F.P NAVCO C1 SST
BALL VALVE	7	1/4" NPT 2000# BALL VALVES R.P NAVCO H1
CHECK VALVE	2	1/2" WHEATLEY CHECK VALVE 2160 PSI
CHECK VALVE	3	2" 150# CHECK VALVES WHEATLEY OR EQUAL, SOUR SEVICE
GAUGE VALVE	2	3/4" x 1/2" 316 GAUGE VALVES, C/W 1/2" x 1/2" 316 NEEDLE VALVES (BLEED/CALIBRATION VALVES)
NEEDLE VALVE	3	1/4" FxF C.S. NEEDLE VALVE, CENTURY OR EQUAL
BLIND FLANGE	3	2" 150# RF BLIND FLANGE, C/W GASKET, STUD&NUTS. (N19,N20,N21)
BLIND FLANGE	2	2" 150# RF BLIND FLANGE C/W 3/4" NPT D/T, C/W GASKET, STUD&NUTS. (N8A,N8B)
HUB FLANGE	1	4" 150# RF HUB FLANGE C/W 2" NPT D/T, C/W GASKET, STUD&NUTS. (N14)
HUB FLANGE	2	2" 150# RF HUB FLANGE C/W 1" NPT D/T, C/W GASKET, STUD&NUTS. (N13,N15)
HUB FLANGE	1	3" 150# RF HUB FLANGE C/W 2" NPT D/T, C/W GASKET, STUD&NUTS. (N12)

NOTES:

1. TUBING FITTINGS: 316 SST, PARKER A-LOK.
2. TUBING: 3/16 SST, WELDED, 3/8" TO BE 0.035" WALL, 1/2" TO BE 0.049" WALL.
3. ALL THREADED FITTINGS: 3000# SA-105N
4. ALL THREADED PIPE: SCH XH SA-106B
5. ALL WELDED PIPE: 2" SCH 80, 3" AND LARGER SCH STD, SA-106-B
6. ALL WELDED FITTINGS: SCHEDULE SAME AS PIPE, SA-105N/SA-234-WPB
7. ALL GASKETS: FLEXICARB 316 SST, ALL BOLTING SA-193-B7M, SA-193A-2HM
8. WELDED PIPING TO BE 100% X-RAY, PWHT, 0.125" CA.
9. PAINT SPEC: SURFACE PREP.: SSPC-SP#6 (COMMERCIAL BLAST)
10. KID AND PIPING PAINT: TWO COATS OF WARM GREY DTM
11. VESSEL OUTSIDE BUILDING PORTION TO BE INSULATED WITH 2" MINERAL WOOL C/W CORRUGATED ALUMINUM CLADDING, STUCCO EMBOSSED AND SST BANDING EVERY 3 ft.
12. FUTURE SUPPLY TO PILOT ON OUTSIDE OF SHELL UNDER INSULATION 3/8" TUBING.
13. BUILDING:
 - 10'-0" WIDE X 16'-3" LONG, SHOP FIT EAVE, THERMAL PANEL, SHED STYLE
 - GALVALUME EXTERIOR
 - GALVALUME INTERIOR
 - (1) 6'-0" x 7'-0" DOUBLE DOOR, LH ACTIVE, c/w IWG GLASS IN BOTH, PANIC IN LH
 - (2) 12" x 12" WALL VENTS
14. 1 1/2" INSULATION C/W ALUMINUM CLADDING ON PIPING ABOVE BUILDING ROOF.
15. 2 GALLONS OF A-60 NON-SKID CLOVERDALE DTM FLOOR PAINT TO TOP OF CHECKERPLATE. PAINT TO BE ROLLED NOT SPRAYED

[illegible]