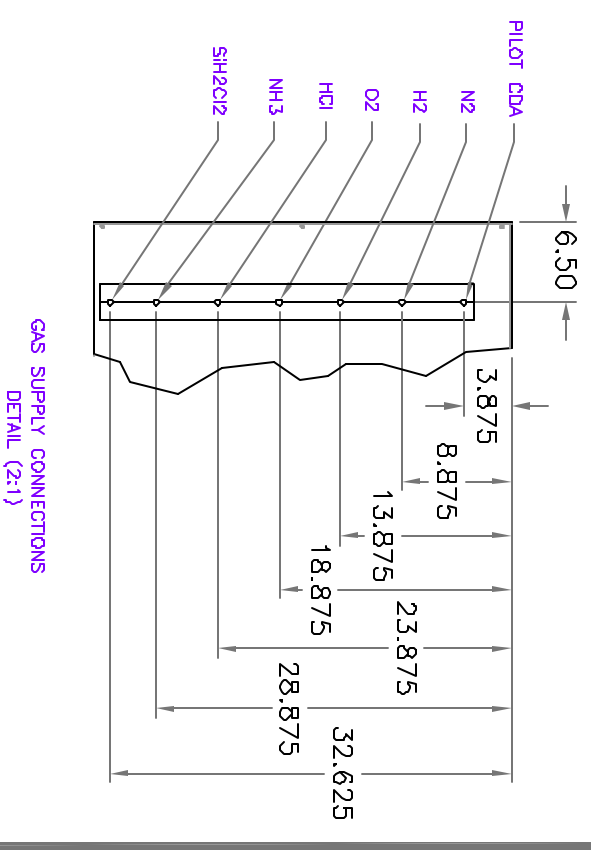
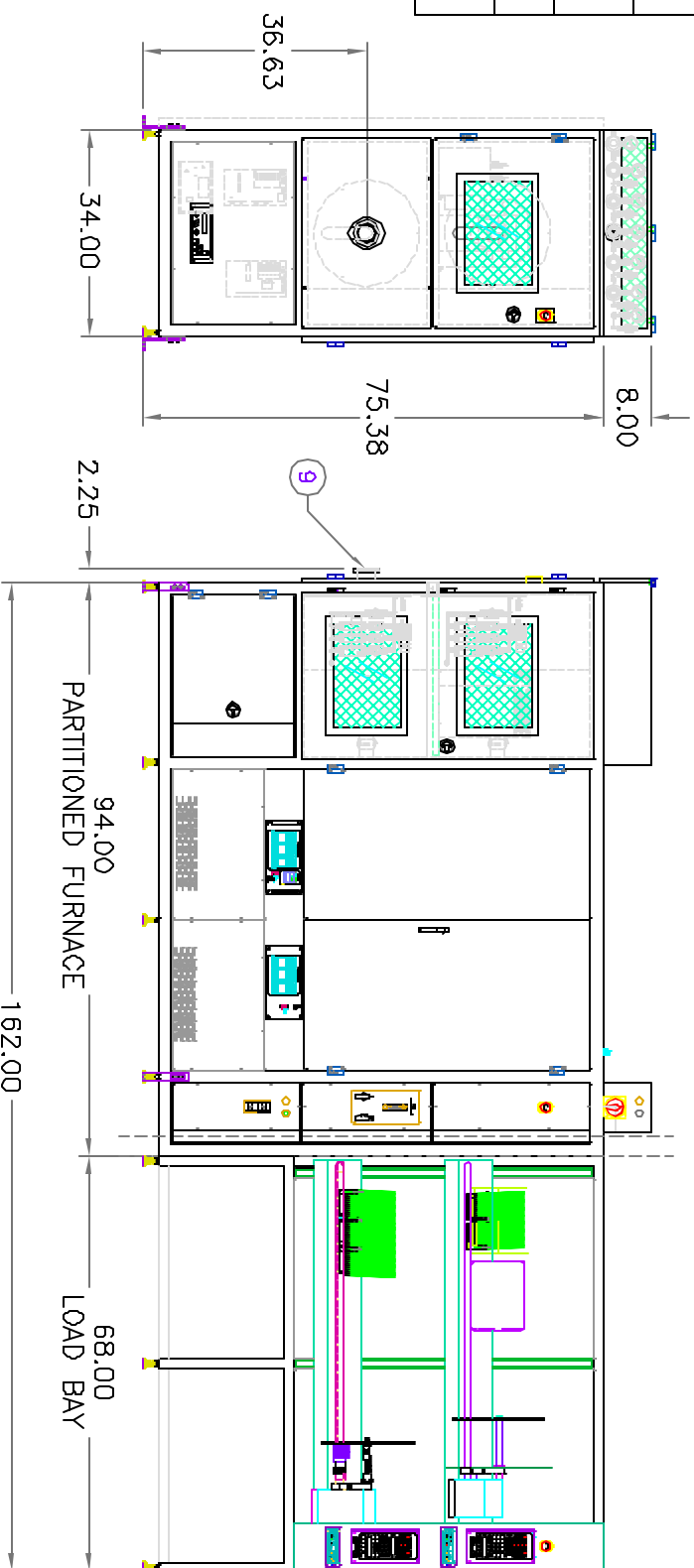
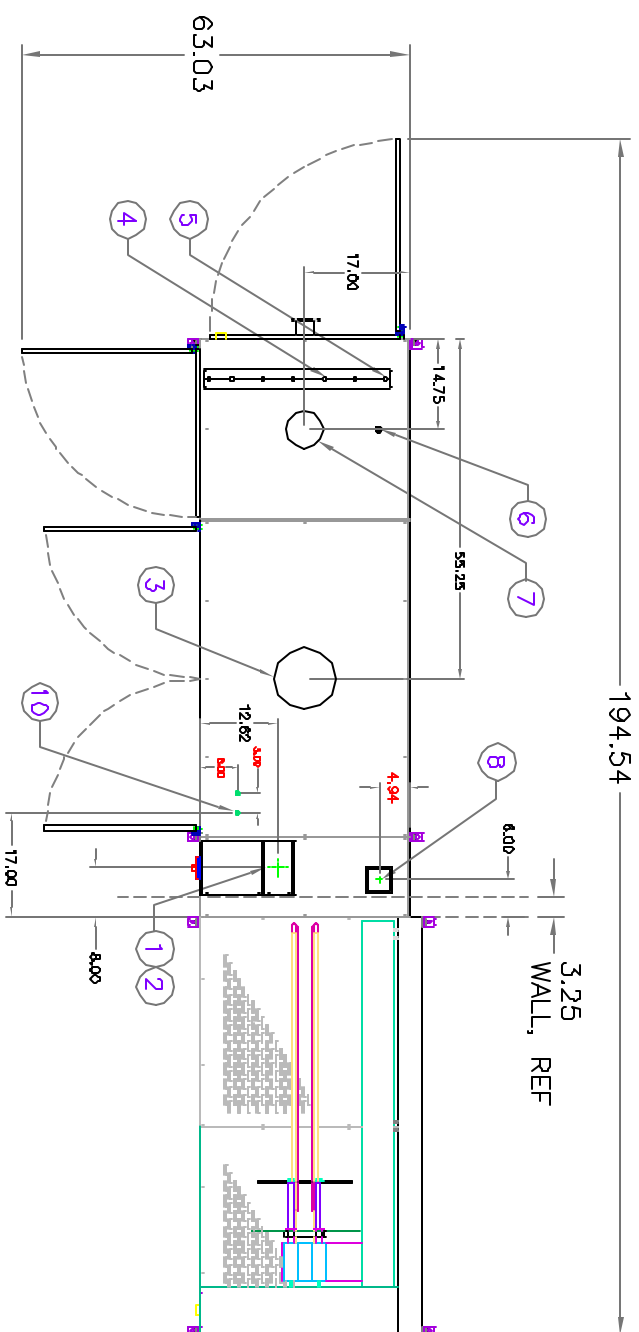
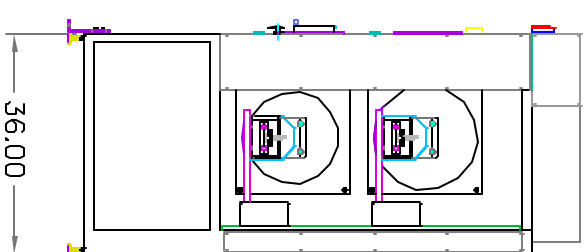


FACILITY INFORMATION

- 1 ELEMENT POWER / TEMP:
- PROCESS TEMPERATURE RANGE: 400°C - 1050°C (1100°C MAX).
- 480 VAC, 3 PHASE, 40A, 60 Hz
- 3 WIRE WITH GROUND
- THROUGH CONDUIT PLATE AT CABINET TOP TO TERMINAL
- REQUIRES FACILITY MAIN BREAKER (100A RECOMMENDED)
- 2 CONTROL POWER:
- 115 VAC, 1 PHASE, 60A, 60 Hz
- 2 WIRE WITH GROUND
- THROUGH CONDUIT PLATE AT CABINET TOP TO TERMINAL
- REQUIRES FACILITY MAIN BREAKER (100A RECOMMENDED)
- 3 FLUENCE CABINET HEAT EXHAUST:
- #10" PORT
- REQUIRES 1000 CFM FACILITY EXHAUST DRAW
- 4 PROCESS GAS SUPPLY CONNECTIONS:
- THROUGH SPLIT ACCESS PLATE AT CABINET TOP
- N2, H2, O2, HCL, NH3, AND SH2O2
- CONNECT TO 1/4" FEMALE VCR FITTING
- 40 SLPM MAX FLOW FOR N2
- 30 SLPM MAX FLOW FOR H2
- 30 SLPM MAX FLOW FOR O2
- 50 SCFH MAX FLOW FOR NH3
- 1 SLPM MAX FLOW FOR NH3
- 200 SCFH MAX FLOW FOR SH2O2
- ALL REQUIRE 60-80 PSIG SUPPLY PRESSURE, EXCEPT SH2O2 - REQUIRES 11-15 PSIG
- 5 PILOT PNEUMATIC CDA CONNECTION:
- THROUGH SPLIT ACCESS PLATE AT CABINET TOP
- 1/4" TUBE SS COMPRESSION FITTING
- REQUIRES 100-150 PSIG SUPPLY PRESSURE
- 6 DOE VENT TO SCRUBBER
- 3/8" TUBE TEFLON BULKHEAD COMPRESSION FITTING
- 7 SOURCE CABINET EXHAUST:
- #6" PORT
- REQUIRES 150 CFM MINIMUM EXHAUST DRAW
- 8 SCAVENGER VENT TO SCRUBBER
- 4" X 4" STAINLESS STEEL DUCT
- REQUIRES 100 CFM EXHAUST DRAW
- 9 CONNECTION TO VACUUM PUMP
- 50 80 MF
- 10 FLANGE COOLING WATER
- 3/8" BRASS COMPRESSION FITTING
- REQUIRES APPROX. 4 GPM SUPPLY, 60° F, 25 PSI.



GAS SUPPLY CONNECTIONS
DETAIL (2:1)



REV.	DESCRIPTION	DATE	APPROVED
A	ADD SIGN-OFF BLOCK FOR RELEASE	08/13/07	PRT
B	CHANGE LEVEL 2 TO NITRIDE	08/13/07	PRT
C	CHANGE WATER, SCW EXHAUST DIMS	08/10/07	PRT

APPROVALS	
DATE	DATE

		Steed Technology	
FAC, STALLION 812-2-L1		DWG. NO. 516755	
SIZE: F350N NO. D		SCALE: SHEET 6	
DO NOT SCALE DRAWING		SHEET	