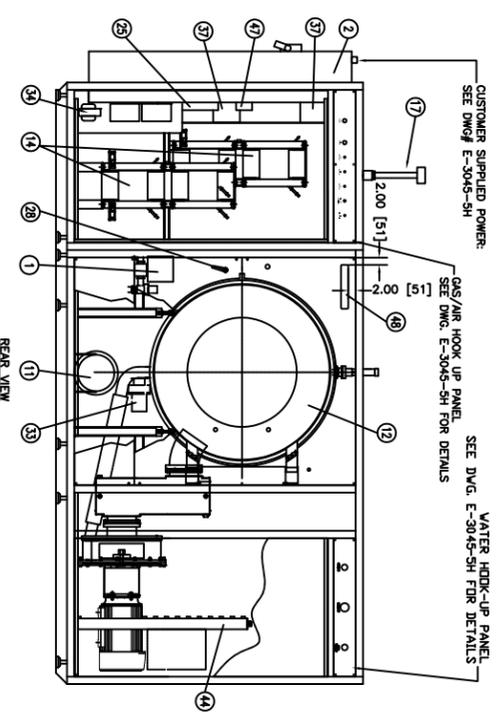
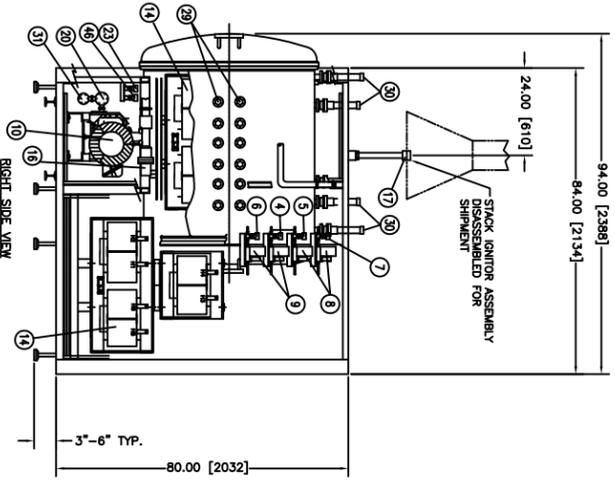
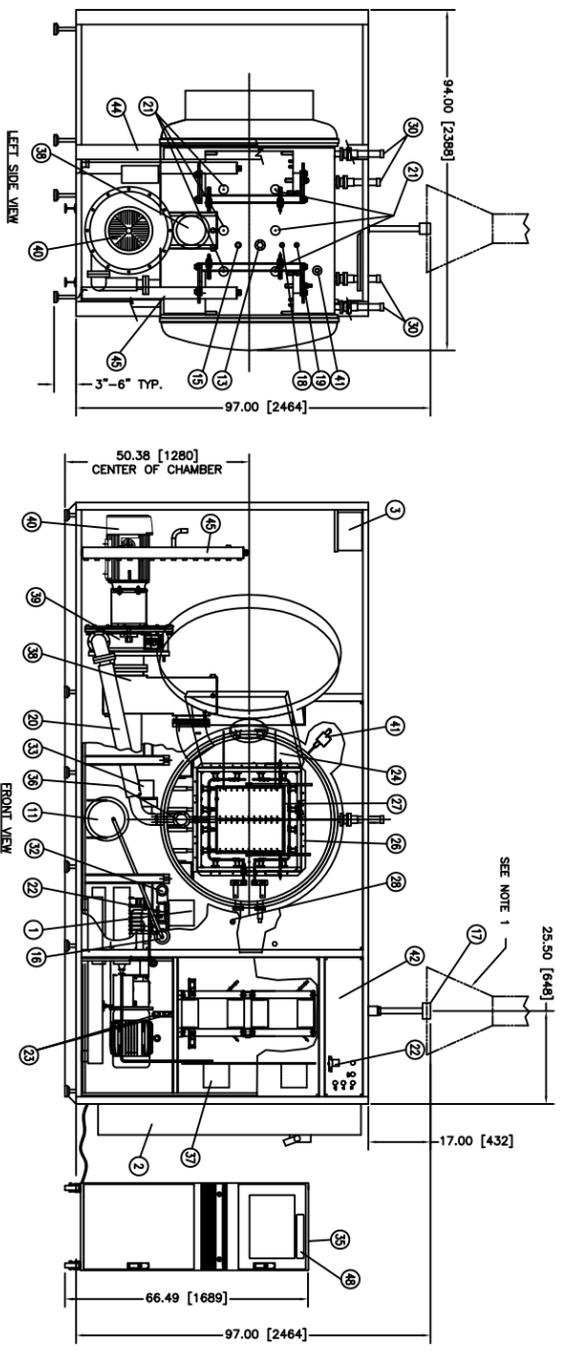
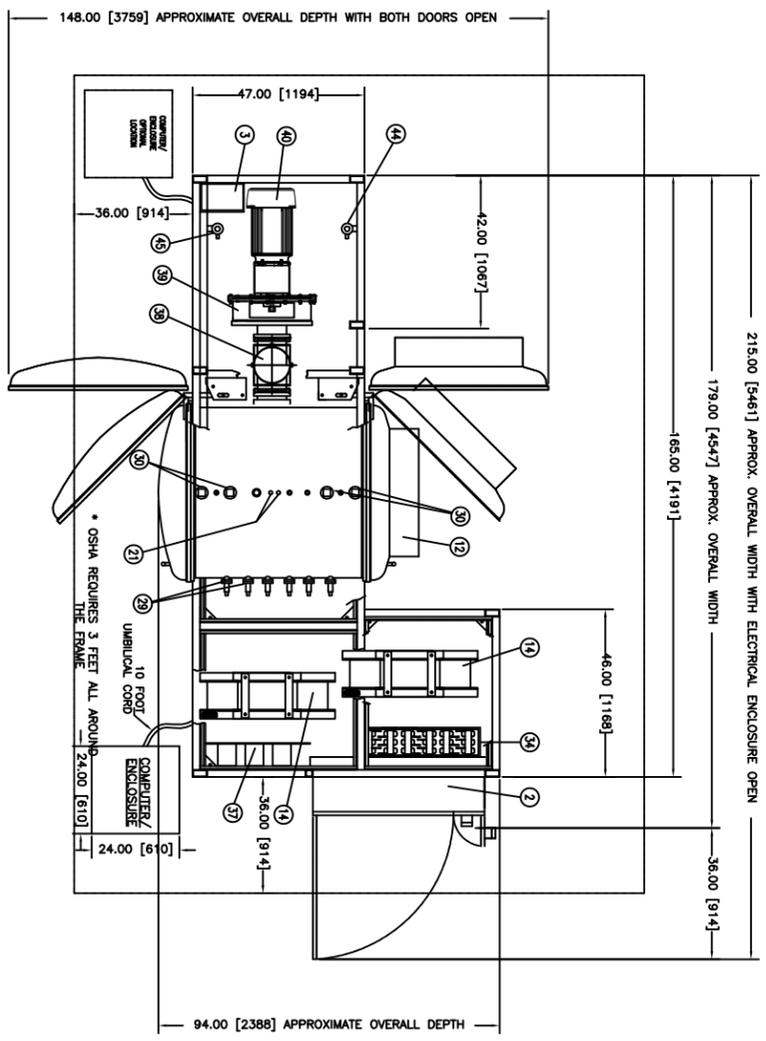


- NOTES:
 1) SUGGESTED LOCATION FOR EXHAUST HOOD, FOR DETAILS SEE DRAWING 15E-1001. APPROXIMATE EXHAUST CAPACITY IS 250 CFM.
 2) FINISH:
 A) DOOR PANELS ARE COATED WITH INNOVATIVE POWDER
 B) FRONT & REAR ALUMINUM PANELS ARE BLACK ANODIZED
 C) FRAME IS COATED WITH TIGER DRYLAC BLACK FINE TEXTURE No. 39/50200.



| ITEM | QTY | DESCRIPTION |
|------|-----|--|
| 1 | 1 | THROTTLE VALVE |
| 2 | 1 | ELECTRICAL ENCLOSURE |
| 3 | 1 | UPS (UNINTERRUPTED POWER SUPPLY) |
| 4 | 1 | N2 RETORT VALVE |
| 5 | 1 | H2 RETORT VALVE |
| 6 | 1 | N2 HOT ZONE VALVE |
| 7 | 1 | H2 HOT ZONE VALVE |
| 8 | 2 | MASS FLOW CONTROLLER-HYDROGEN |
| 9 | 2 | MASS FLOW CONTROLLER-NITROGEN |
| 10 | 1 | DRY VACUUM PUMP |
| 11 | 1 | DEBINDER TRAP, ELINK |
| 12 | 1 | BLAST PORT |
| 13 | 1 | 2-3/4" RGA PORT |
| 14 | 2 | POWER TRANSFORMER |
| 15 | 1 | LEAK DETECTOR PORT |
| 16 | 1 | DEBINDER VALVE |
| 17 | 1 | STACK IGNITOR |
| 18 | 1 | CAPACITANCE MANOMETER#1 |
| 19 | 1 | CAPACITANCE MANOMETER#2 |
| 20 | 1 | MUFFLER |
| 21 | 8 | FEEDTHRU FOR TYPE C THERMOCOUPLE, TEFCON |
| 22 | 1 | EXCESS TEMPERATURE CONTROLLER |
| 23 | 1 | FLOW CONTROL VALVE |
| 24 | 2 | HOT ZONE DOOR |
| 25 | 1 | SOLENOID VALVE BLOCK |
| 26 | 1 | HOT ZONE, ELINK |
| 27 | 1 | T2M MOLY RETORT, ELINK |
| 28 | 2 | PNEUMATIC SAFETY LOCKING MECH. |
| 29 | 24 | ELECTRICAL FEEDTHRU |
| 30 | 4 | SHUTTER ACTUATOR |
| 31 | 1 | MUFFLER TRAP |
| 32 | 1 | VACUUM VALVE |
| 33 | 1 | TRAP ISOLATION VALVE |
| 34 | 1 | FILTER/SHOCK |
| 35 | 1 | COMPUTER/ENCLOSURE |
| 36 | 1 | GAS MANIFOLD |
| 37 | 6 | SCRS |
| 38 | 1 | HEAT EXCHANGER, ELINK |
| 39 | 1 | 3000 CFM BLOWER, ELINK |
| 40 | 1 | ELECTRICAL MOTOR |
| 41 | 1 | DIFFERENTIAL PRESSURE SWITCH |
| 42 | 1 | ELECTRICAL PANEL |
| 43 | 2 | SUNNEY THERMOCOUPLE PORT |
| 44 | 1 | WATER RETURN MANIFOLD |
| 45 | 1 | WATER SUPPLY MANIFOLD |
| 46 | 1 | 1/4" TRAP N2 PURGE PNEUMATIC |
| 47 | 4 | PRESSURE SWITCH |
| 48 | 2 | LABEL - NAMEPLATE |

CATEGORY: FURNACE ASSY

SCALE: NONE

NOTE: DO NOT SCALE DRAWINGS

ALL DIMENSION ARE IN INCHES
 ALL DIMENSION NOT COVERED BY TOLERANCE CHART MUST HAVE TOLERANCE SPECIFIED.
 BREAK ALL EDGES 0.03" MAX. UNLESS SPECIFIED.

DATE: _____ TIME: _____

NO. _____ REVISION _____ BY _____ DATE: _____

UNAUTHORIZED USE, MANUFACTURE OR REPRODUCTION IN WHOLE OR IN PART IS PROHIBITED. DRAWING DESIGNS AND OTHER DISCLOSES PROPERTY OF ELINK SYSTEMS.

CUSTOMER: _____

JOB NO. _____

SERIAL NO. _____

ELINK SYSTEMS
 107 COMMERCE ROAD, CEDAR GROVE, NJ 07009
 TELEPHONE: (973) 239-6066

HIGH TEMPERATURE VACUUM FURNACE
 MODEL MM-3045T-50-HXB-
 GENERAL LAYOUT

DWG. BY: _____ DATE: _____ SH. 1 OF 1 DWG. NO. E-3045-CE