

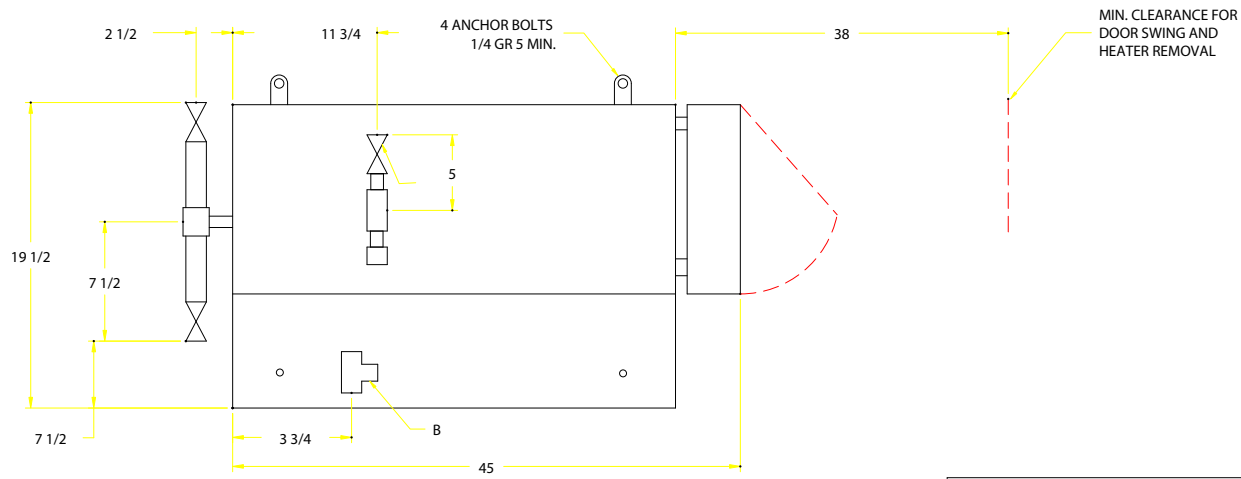
REVISIONS
-DATE-
-DESCRIPTION-

| | | | |
|----------|----------------|------|---------|
| DRAWN BY | STEPHEN JONES | DATE | 1/14/03 |
| CHECKED | BARBARA AIKENS | | 6/20/02 |
| APPROVED | RALPH ASPLING | | 6/20/02 |

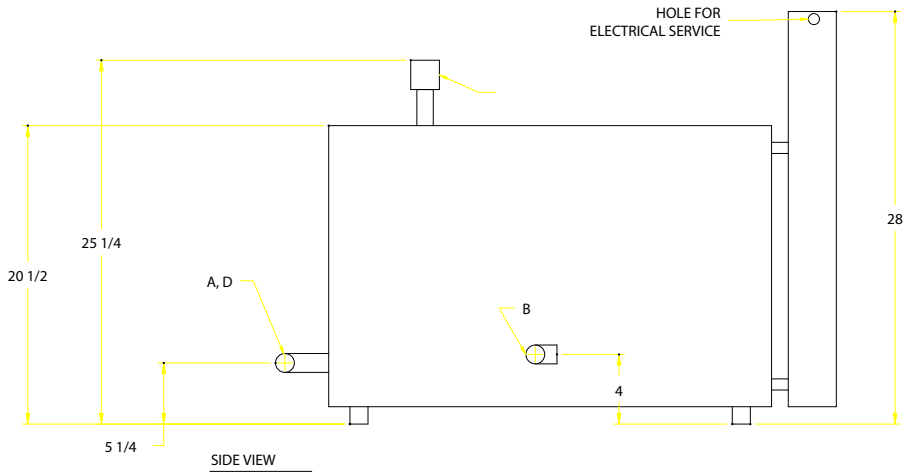
ELECTRO-STEAM GENERATOR CORP.

1000 Bernard Street, Alexandria, Virginia 22314-1299
INSTALLATION DATA - SEISMIC
LB-20, 25, 30 (HIGH PRESSURE)

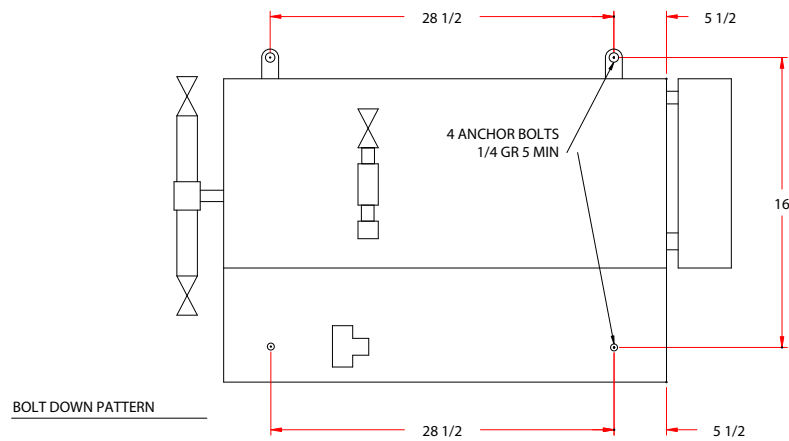
SCALE: N/A
 SIZE: AUTOCAD R14 FILE
50114
 DWG. NO.
405-S
 REV: -
 SHEET: 1 OF 1



PLAN VIEW



SIDE VIEW



BOLT DOWN PATTERN

- A- 1" N.P.T. MANUAL BLOW DOWN VALVE
- B- 3/8" N.P.T. WATER INLET
- C- 1/2" N.P.T. STEAM OUTLET
- D- 3/4" N.P.T. AUTO FLUSH AND DRAIN VALVE (OPTIONAL)

SEISMIC DATA AND CALCULATIONS

SHEAR LOAD GRADE 5 1/4" BOLT 2280 PSI

SEISMIC LOAD (0.50)(350)=175#

MAXIMUM SHEAR LOAD ON ONE BOLT
175/4 = 43.75 PSI

FORMULA LATERAL FORCE
 $F_p = C_p W_p$

VERTICAL C_p FULL LOAD = 1

- NOTES:**
1. CONTRACTOR TO PROVIDE MINIMUM 8" CLEARANCE AROUND UNIT FOR SERVICE.
 2. WEIGHT OF UNIT: 350 LBS = LIVE LOAD