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|------|----|------|
| Rev. | By | Date |
|      |    |      |

**TRIMCOS DESIGN & ENG.**  
 11222 RICHMOND AVE.  
 SUITE# 225 HOUSTON TX, 77082  
 (281) 558-0696  
 F-3926

SCHLOTZSKY'S VICTORY LAKES TOWN CENTER  
 TRACK 7A, NEC INTERSTATE HWY 45 & F.M.646  
 LEAGUE CITY TEXAS 77000

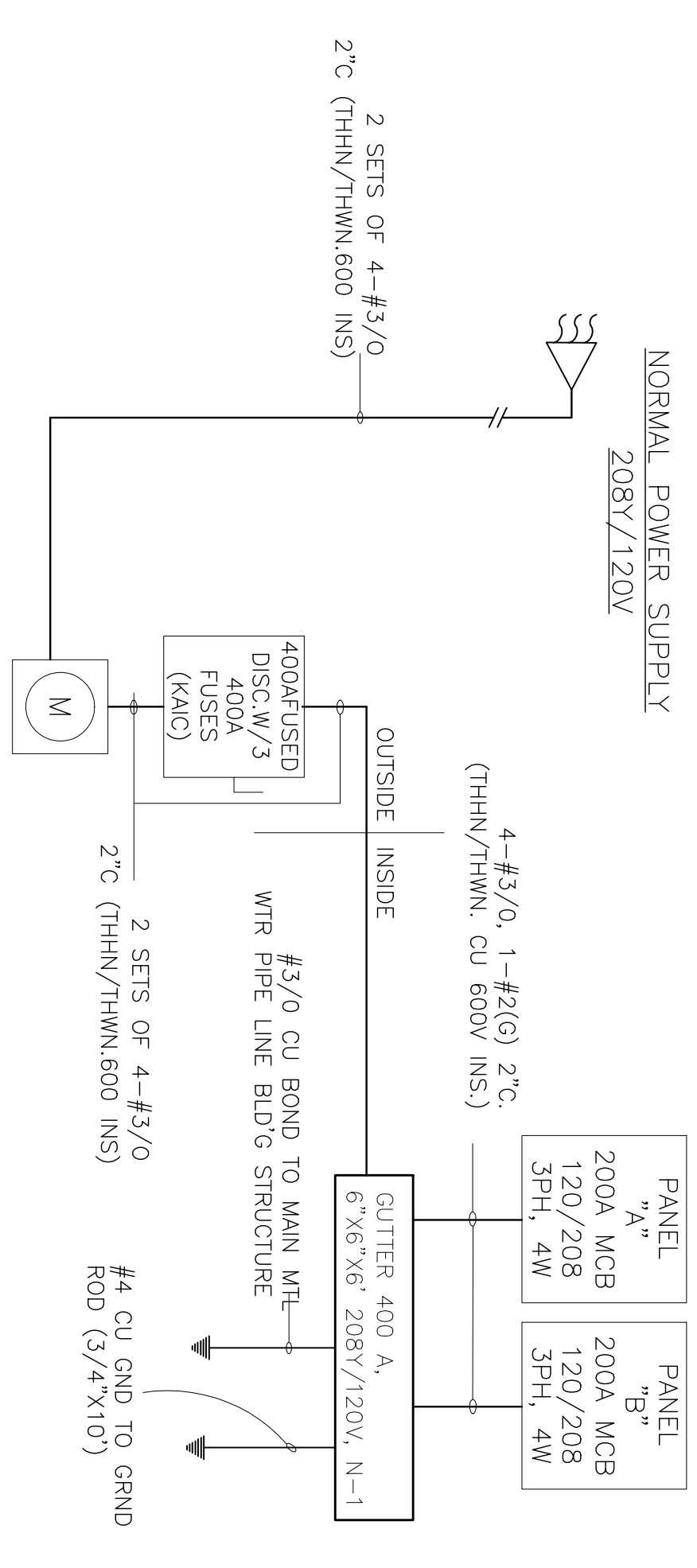
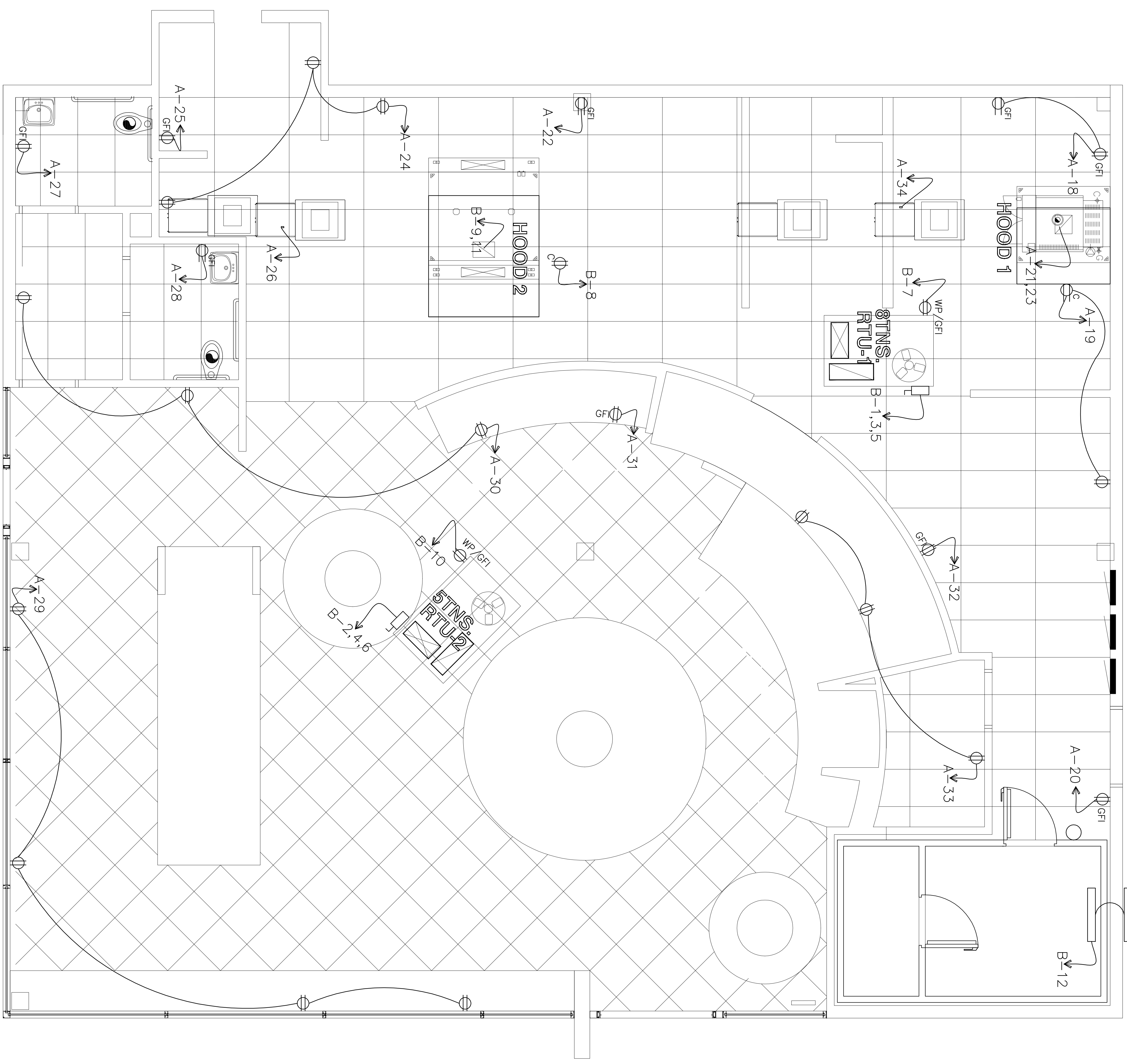
**ARCH**  
 Woo Associates, L.L.C.  
 ARCHITECTS - PLANNERS  
 13734 Bronford Green Dr.  
 Houston, TX. 77083  
 (832) 228-8128

|           |            |
|-----------|------------|
| Date      | 07-14-2010 |
| Scale     | AS SHOWN   |
| Drawn by  |            |
| Job#:     |            |
| SHEET NO. | E-02       |

- Proposed @ 208Y/120V, 3PH, 4W, 60 HZ.**
- 1) Lighting Design Load as per NEC -220-12 for 3000SF area of this area -3000x3.5VA =10500VA.
  - 2) Total Connected area lighting load =1600 VA.
  - 3) Considering Higher lighting Load of 10500 VA.x1.25 =13125 VA.
  - 4) Receptacles 50x180VA. =9000VA.
  - 5) Sign 3000x1.25 =3750 VA.
  - 6) Range & Ovens =18000VA.
  - 7) Misc. Equipment =28700 VA.
  - 8) HVAC (Considering Higher Load) =21000 VA.
  - 9) 25 % Largest Motor =3500 VA.

**TOTAL LOAD CONNECTED**  
 TOTAL AMP/PH (97080/360) = 270amp x 1.25 = 338AMP

Load at FEEDER Ampacity is 400 amp (APP.)@ 208Y/120 Volt. 3Phase, 4 wire, 60 hz so is acceptable  
 Feeder conductor size: 2Sets of 4#3/0, 2" C (THHN/THWN,CU,600V INS)



**ELECTRICAL RISER DIAGRAM**  
 Scale: NTS