



**MAIN FLOOR ELECTRICAL PLAN - POWER**  
1/4"=1'-0"

**MEZZANINE ELECTRICAL PLAN - POWER**  
1/4"=1'-0"

**SCHEDULE & LEGEND**

- ⊕ JUNCTION BOX
- ⊕ RECEPTACLE OUTLETS, 120V
- ⊕ CEILING ELEC. OUTLET
- ⊕ FLOOR ELEC. OUTLET
- ⊕ EXHAUST FANS, DUCTED THRU ROOF
- ⊕ P.C. PHOTOCELL CONTROLLED WITH E. BATTERY BACKUP POWER FOR 90 MIN.
- ⊕ PHONE DATA
- ⊕ REMSTAT

**ELECTRICAL LOAD ANALYSIS**

480/277V, 3PH, 4W, 100K  
 PEAK LOAD S = 10.0 MVA  
 AS PER NEC 228.67 = 27.7 MVA  
 EXISTING LOAD = 13.5 MVA/125 = 10.8 MVA  
 NEW LOAD = 25.7 MVA/125 = 20.6 MVA  
 = 24.1 MVA  
 EXISTING CIRCUIT CAPACITY S 400 AMP  
 SO IT IS ACCEPTABLE.

ENERGY CONTROLS SHALL  
COORDINATE WITH ENERGY REPORT.

PANEL C  
PANEL B  
PANEL A  
TRANSFORMER  
GROUND

