GENERAL REQUIREMENTS

- 30 fc GENERAL OFFICE
- 50 fc COMPUTER ROOMS
- 75 fc TECH. AREAS
- 20 fc CORRIDORS/ HALLWAYS
- CEILING MOUNTED FIXTURES TO BE REMOVED AND REPLACED
- WALL MOUNTED FIXTURES AND EQUIPMENT TO BE RELOCATED AS REQUIRED

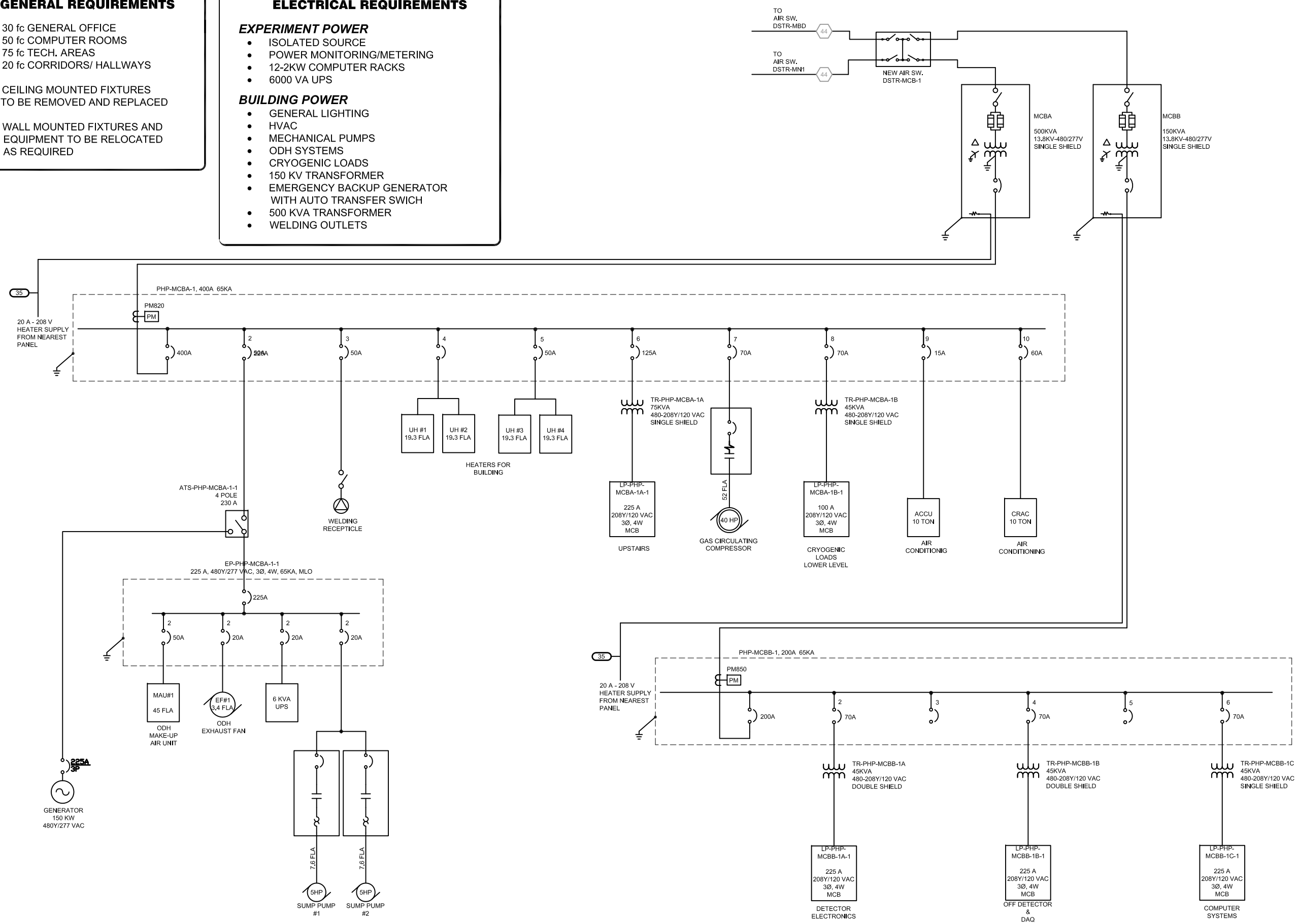
ELECTRICAL REQUIREMENTS

EXPERIMENT POWER

- ISOLATED SOURCE
- POWER MONITORING/METERING
- 12-2KW COMPUTER RACKS
- 6000 VA UPS

BUILDING POWER

- GENERAL LIGHTING
- HVAC
- MECHANICAL PUMPS
- ODH SYSTEMS
- CRYOGENIC LOADS
- 150 KV TRANSFORMER
- EMERGENCY BACKUP GENERATOR WITH AUTO TRANSFER SWICH
- 500 KVA TRANSFORMER
- WELDING OUTLETS



SCALE: 1/16"=1'-0" 8 0 8 16 FEET SCALE

ENCLOSURE MODIFICATIONS FOR MICROBooNE

ELECTRICAL SINGLE LINE

PDR

Fermilab

U.S. DEPARTMENT OF ENERGY

DATE

24 FEB 2011

PROJECT NO.

6-7-82

DRAWING NO.

CDR-12

Jun 08, 2011 - 3:28pm M:\Active Projects\6\7\82\6 - Design Documents\6b - Drawings\MicroBooNE Version 5\MICROBooNE-V5_CDR vRJW.dwg