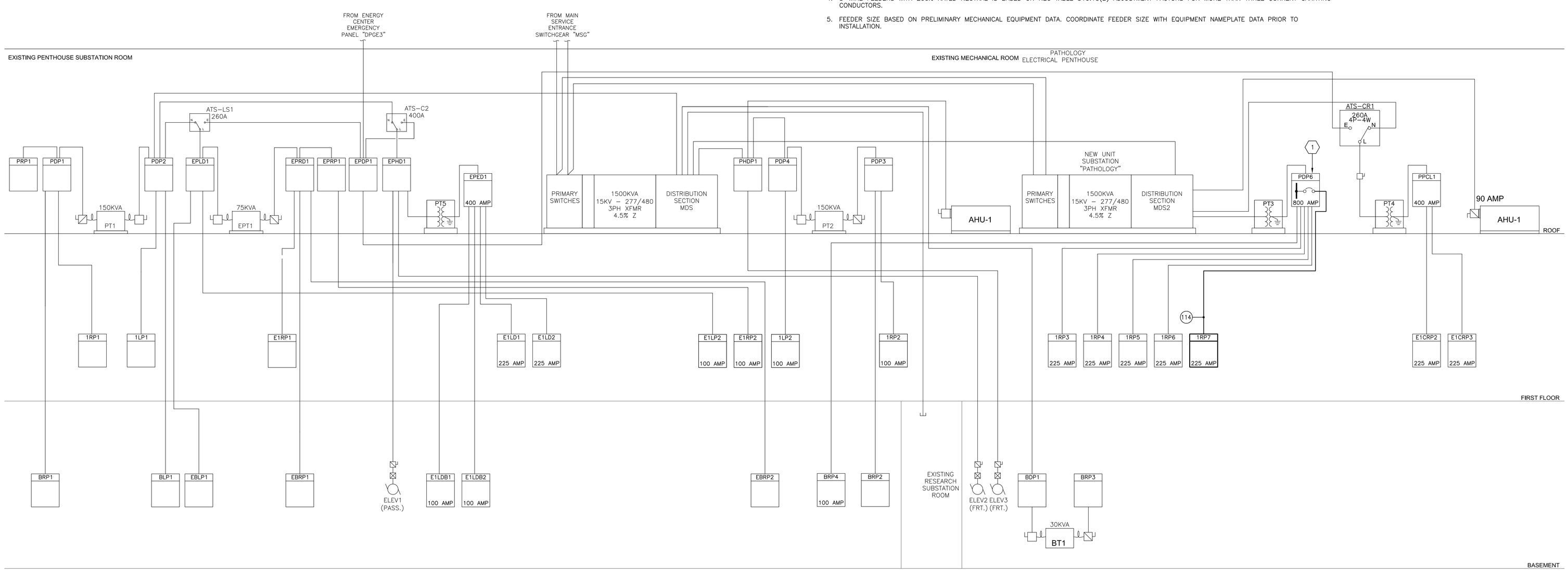
FEEDER SCHEDULE

TAG	AMPACITY	CABLE IDENTIFICATION	RACEWAY	REMARKS	FROM	TO
(114)	200	4–#3/0, 1–#6 EG, 1–#6 IG	2–1/2"C		PDP6	1RP7

NOTES:
1. ALL FEEDER SIZES ARE BASED ON NEC TABLE 310.16, 75 DEG. CELSIUS AND COPPER CONDUCTORS. LARGER SIZES MAY BE REQUIRED FOR 60 DEG. CELSIUS APPLICATIONS.
2. RACEWAY SIZE IS BASED ON 40% FILL, AND FLEXIBLE METAL CONDUIT. LARGER RACEWAYS MAY BE REQUIRED FOR SCHEDULE 80 PVC APPLICATIONS.
3. FEEDERS SHOWN IN ONE–LINE DIAGRAM MAY BE LARGER THAN OVERCURRENT PROTECTIVE DEVICE SHOWN HERE TO COMPENSATE FOR VOLTAGE DROP.
4. 5–WIRE FEEDERS WITH 200% RATED NEUTRAL IS BASED ON NEC TABLE 310.15(B) ADJUSTMENT FACTORS FOR MORE THAN THREE CURRENT CARRYING CONDUCTORS.
5. FEEDER SIZE BASED ON PRELIMINARY MECHANICAL EQUIPMENT DATA. COORDINATE FEEDER SIZE WITH EQUIPMENT NAMEPLATE DATA PRIOR TO INSTALLATION.



NOTES:

General Notes

1. FOR ABBREVIATIONS, GENERAL NOTES, ELECTRICAL DEMOLITION NOTES AND SYMBOL LEGEND, SEE DWG. #E–001.
2. LIGHT SOLID LINES DENOTE EXISTING EQUIPMENT TO REMAIN. DARK SOLID LINES DENOTE NEW AND/OR RELOCATED EQUIPMENT.
3. FOR EXACT LOCATION OF ELECTRICAL EQUIPMENT, SEE ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS.
4. REFER TO SPECIFICATIONS, ONE LINE DIAGRAM, FEEDER AND PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION ABOUT ELECTRICAL DEVICE TYPES, QUALITY, AND GENERAL INSTALLATION REQUIREMENTS.
5. REFER TO PANEL SCHEDULES FOR BRANCH CIRCUIT NUMBERS AND OVERCURRENT DEVICES.
6. FIELD VERIFY EXACT LOCATION OF ALL MECHANICAL AND PLUMBING EQUIPMENT PROVIDED BY OTHER TRADES PRIOR TO ROUGH–IN. COORDINATE INSTALLATION AND WIRING REQUIREMENTS WITH CONTRACTOR PRIOR TO ROUGH–IN.
7. PROVIDE AND MAINTAIN ELECTRICAL SAFETY AND WORKING CLEARANCES IN FRONT OF AND AROUND ALL ELECTRICAL PANELS AND DISTRIBUTION EQUIPMENT IN ACCORDANCE WITH NEC ARTICLE 110.

Key Notes

1. REFER TO PANEL SCHEDULE ON DRAWING E–631.

100% CD
FULLY SPRINKLERED

Revisions:	Date

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Drawing Title: **ONE LINE DIAGRAM POWER DISTRIBUTION**

Approved: Project Director

Project Title: Wade Park Renovate Medical Library - CARES

Location: Cleveland, Ohio

Date: April 25, 2012 | Checked | Drawn

Project Number: 541-12-103

Building Number: 1

Drawing Number: **E-601**

Dwg. of

Office of Facilities Management

Department of Veterans Affairs

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