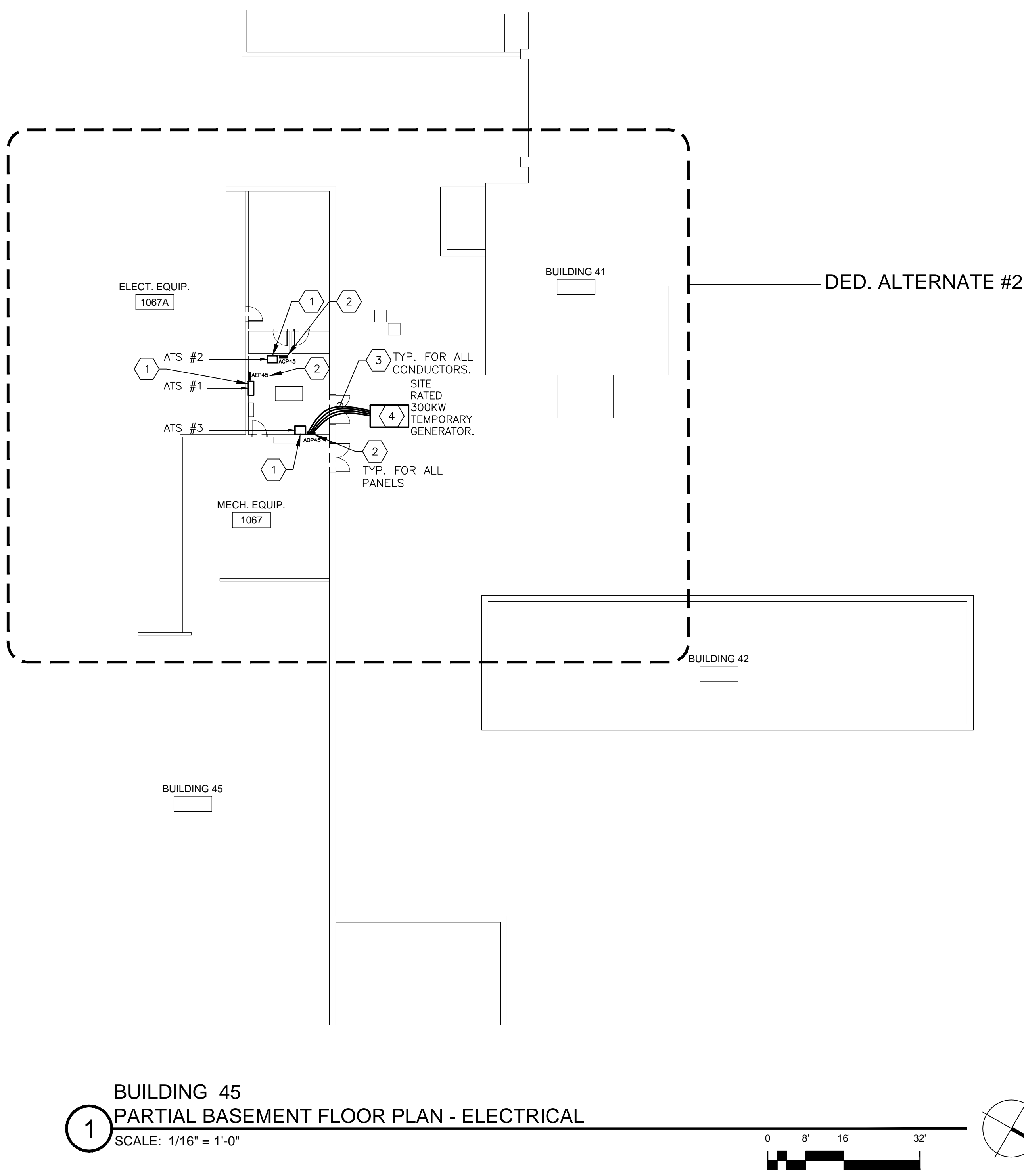
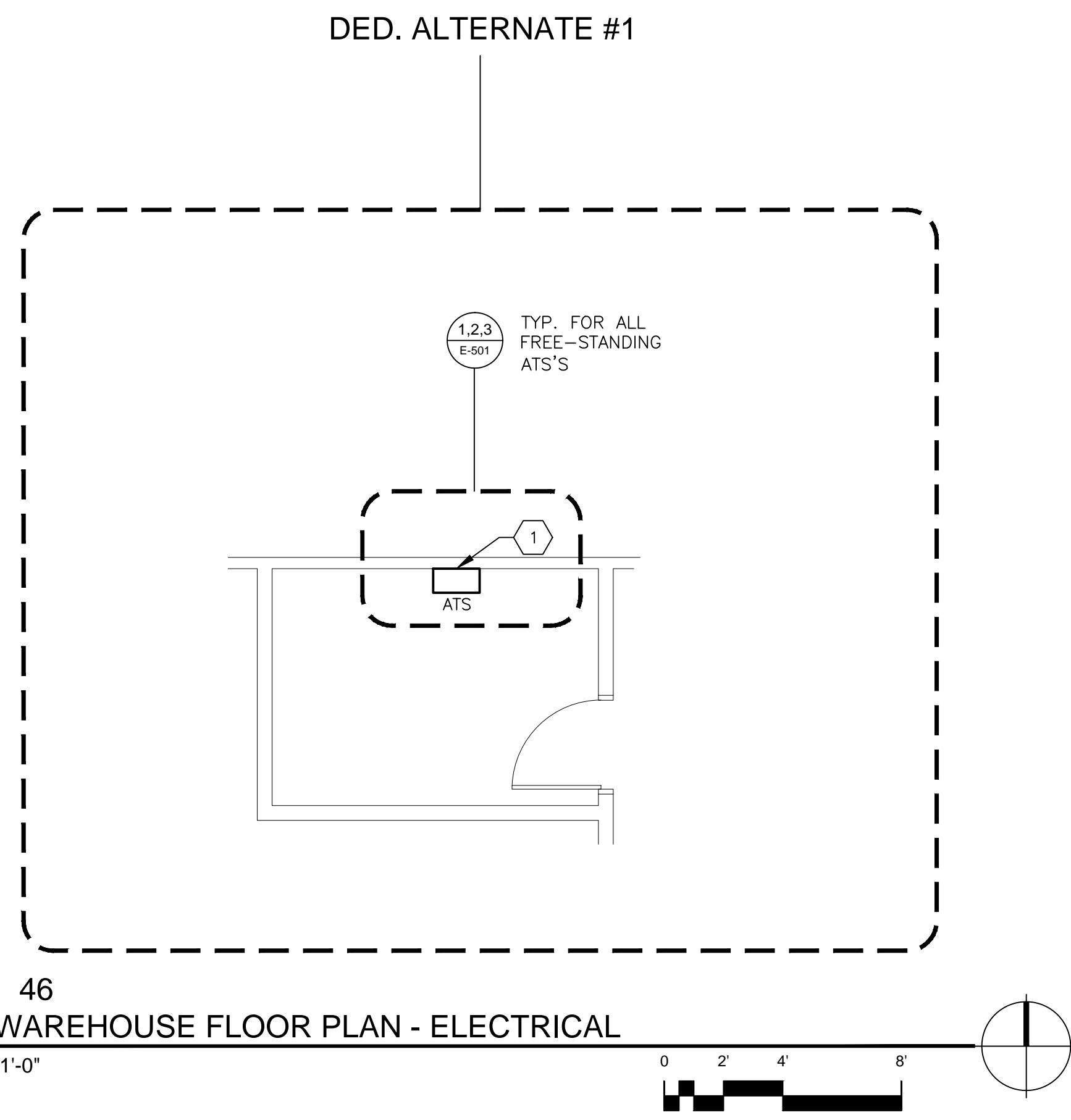


three eighths inch = one foot  
one eighth inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one half inch = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
one inch = one foot  
one and one half inches = one foot  
three inches = one foot

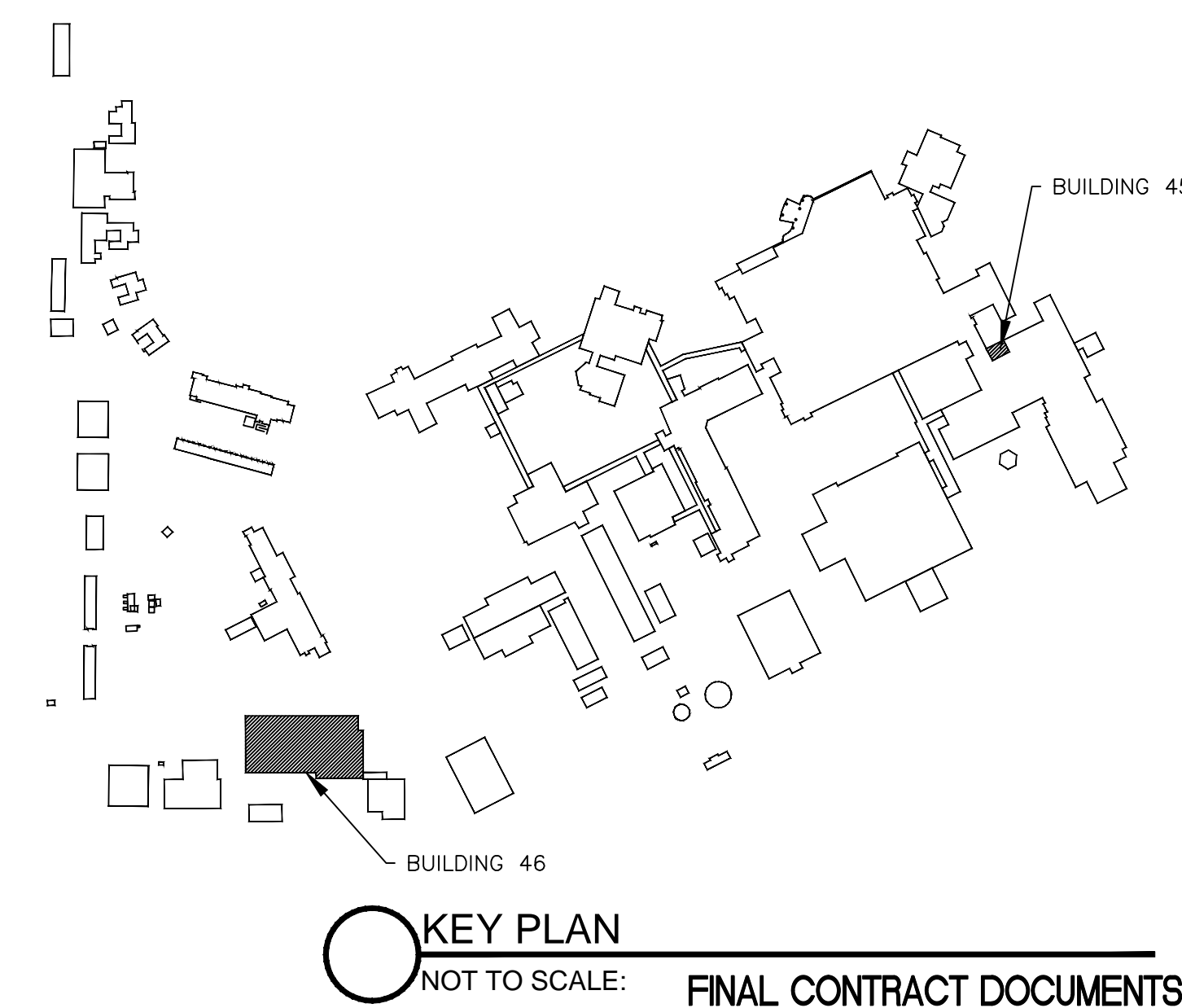
Order: Dec 02, 2011 - 9:43am User: jcoogler ... Drawing File: H:\6374-02 CAD\Replaces ATS's in Buildings 41, 42, 43, 45, & 46\Sheets\Electrical\637402-ES203.dwg ... Last Saved By: jcoogler Dec 01, 2011 - 11:13am ... Layout Name: 637402-ES203



1 BUILDING 45  
PARTIAL BASEMENT FLOOR PLAN - ELECTRICAL  
SCALE: 1/16" = 1'-0"



2 BUILDING 46  
PARTIAL WAREHOUSE FLOOR PLAN - ELECTRICAL  
SCALE: 1/4" = 1'-0"



KEY PLAN  
NOT TO SCALE: FINAL CONTRACT DOCUMENTS

## GENERAL NOTES

1. AUTOMATIC TRANSFER SWITCHES SHOWN ARE TO BE REPLACED ACCORDING TO THE "PROJECT WORKPLAN AND SCHEDULE REQUIREMENTS" AS STATED ON SHEET E-002.
2. THE CONTRACTOR SHALL ENERGIZE AND DE-ENERGIZE ALL ELECTRICAL EQUIPMENT. ALL ENERGIZING AND DE-ENERGIZING SHALL BE COMPLETED WITH SUPERVISION OF MAINTENANCE PERSONNEL.
3. ALL ATS CHANGE-OUTS ARE TO BE COMPLETED IN "OFF" HOURS ACCORDING TO THE CONTRACTORS SUBMITTED SCHEDULE.
4. ALL PREP WORK MAY BE COMPLETED DURING NORMAL WORK HOURS.
5. AFTER INSTALLATION, BUT PRIOR TO BEING PLACED ON LINE INTO THE EXISTING HOSPITAL ELECTRICAL SYSTEM, ALL ATS SWITCHES SHALL BE FACTORY TESTED AND CERTIFIED.
6. ALL WORK SHALL BE IN ACCORDANCE WITH VA STANDARDS AND REQUIREMENTS. CONTACT THE COTR FOR PROJECT FOR SPECIFIC REQUIREMENTS.
7. NO "HOT" WORK SHALL BE INITIATED WITHIN THE SCOPE OF THIS PROJECT. NO EXCEPTIONS WITHOUT THE WRITTEN CONSENT OF THE VA COTR.
8. UNLESS OTHERWISE NOTED, EQUIPMENT IS EXISTING AND TO REMAIN.
9. ATS REPLACEMENTS SHALL BE SEQUENTIAL (NOT AT THE SAME TIME) TO MINIMIZE OUTAGES AND INTERRUPTIONS.
10. RECONNECT AND TEST ALL ATS CONTROL WIRING.
11. SEE ATS CONTROLS BLOCK DIAGRAM ON SHEET E-505 FOR MORE INFORMATION.
12. THE OWNER SHALL HAVE THE FIRST RIGHT OF REFUSAL FOR ALL EXISTING EQUIPMENT TO BE REMOVED. THE OWNER SHALL BE INFORMED IN ADVANCE OF ALL EQUIPMENT TO BE REMOVED FROM THE SITE.

## SHEET KEYED NOTES

1. REMOVE AND REPLACE FREE-STANDING ATS'S AS SHOWN. SEE SHEET E-602 FOR MORE INFORMATION.
2. PROVIDE A TEMPORARY CONNECTIONS FOR EACH PANEL AS SHOWN FOR ATS CHANGE-OUT. THE MAXIMUM OUTAGE TIME FOR EACH PANEL IS 30 MINUTES. THIS IS TYPICAL, AND SHALL BE REPEATED FOR EACH ATS CHANGE-OUT SHOWN.
3. PROVIDE TEMPORARY FEEDERS TO PANEL AS SHOWN. PROVIDE ALL TERMINATIONS REQUIRED. CONDUCTORS SHALL BE COPPER, WITH THHN OR THWN INSULATION, 600V RATED. SIZES OF CONDUCTORS SHALL MATCH EXISTING PANEL FEEDERS. FIELD VERIFY PANEL SIZES PRIOR TO BID.
4. PROVIDE TEMPORARY DIESEL POWERED GENSET AS SHOWN. GENSET SHALL BE SITE RATED AS STATED. GENSET SHALL BE RATED FOR CONTINUOUS USE, AND SHALL HAVE CIRCUIT PROTECTION SIZED TO PROTECT TEMPORARY CONDUCTORS PER NOTE 3.

APPROVED BY:			ARCHITECT/ENGINEERS:  <b>NTD</b> ARCHITECTURE 2800 North 44th Street, Suite 500 Phoenix, Arizona 85008 602/956.8844 www.ntd.com San Diego • Los Angeles • Austin • Dallas • Seattle • Phoenix • Tucson 2009-0200-00	Drawing Title <b>BUILDING 45 AND 46 ELECTRICAL FLOOR PLANS</b>		Project Title <b>RAYMOND G. MURPHY VA MEDICAL CENTER - REPLACE AUTOMATIC TRANSFER SWITCHES</b>		Project Number <b>501-11-130</b>		Office of Construction and Facilities Management 		
DIRECTOR				CHIEF OF SERVICES		Approved Project Director		Location <b>VA ALBUQUERQUE, NM</b>			Building Number <b>41, 42, 43, 45, 46</b>	
ASSOCIATE DIRECTOR				CHIEF OF PROJECT SECTION		Date <b>12/07/11</b>		Checked <b>TJC</b>			Drawing Number <b>ES203</b>	
ASSISTANT DIRECTOR						Drawn <b>LML</b>		Dwg. of				
Revisions	Date			CHIEF OF ENGINEERING								