

**EXISTING 600 VOLT DISTRIBUTION CONFIGURATION**  
 D 1 FRONT ELECTRICAL ROOM PANEL LPM 60 AMPS  
 D 2 FRONT ELECTRICAL ROOM X-FORMER 100 AMPS  
 D 3 ROOF TOP UNIT 1  
 D 4 ROOF TOP UNIT 2  
 D 5 ROOF TOP UNIT 3  
 D 6 FRONT ELECTRIC ROOM EAST PANEL  
 D 7 BACK ROOF TOP UNIT  
 D 8 FRONT ELECTRICAL ROOM SPLIT PANEL EAST WALL

**NEW 600 AMP FEEDER DISCONNECT FOR NEW ADDITION**  
 D 9 FOR NEW 32 CTS PANEL 'A' - 125 AMP CAPACITY, 600 VOLT, FUSED DISCONNECT, C/W 100 AMP. FUSES.

**THE EXISTING 48\"/>**

2  
E1 ADDITION POWER SUPPLY SCHEMATIC  
N.T.S.

LEGEND		
<b>MISC. DEVICES</b> ELECTRICAL PANEL MOTOR DISCONNECT, NON-FUSED DISCONNECT, FUSED COMBINATION MOTOR STARTER THERMOSTAT	<b>RECEPTACLES</b> SIMPLEX DUPLEX DUPLEX GFI DUPLEX WEATHERPROOF DUPLEX DEDICATED FOURPLEX, WALL MOUNTED CEILING MOUNTED J.B. FLOOR MOUNTED J.B. DENOTE DEVICE TO BE INSTALLED ABOVE COUNTER	<b>FIRE ALARM DEVICES</b> MANUAL PULL STATION BELL STROBE HORN/STROBE SMOKE DETECTOR SMOKE DETECTOR, DUCT HEAT DETECTOR, FIXED TEMP. HEAT DETECTOR, RATE OF RISE SMOKE ALARM CONTROL PANEL
<b>COMMUNICATIONS</b> OUTLET, TELEPHONE OUTLET, DATA OUTLET, TELEVISION OUTLET, MICROPHONE OUTLET, SATELLITE SPEAKER	<b>SWITCHES</b> SINGLE 3-WAY 4-WAY DIMMER VARIABLE SPEED MANUAL MOTOR PROTECTION SWITCH	<b>EXIT/EMERGENCY LIGHTING</b> EXIT SIGN EMERGENCY LIGHTING, 2 HEAD REMOTE EMERGENCY LIGHTING, BATTERY PACK C/W 2 LAMPS EMERGENCY LIGHTING BATTERY PACK

1  
E1 NEW 100 AMP/600VOLT ADDITION POWER SUPPLY  
1/16"=1'-0"

DESIGN & INSTALL ALL MECHANICAL SYSTEMS TO THE FOLLOWING CODES AND STANDARDS.  
 ALBERTA BUILDING CODE - 2006  
 ALBERTA FIRE CODE - LATEST EDITION  
 CANADIAN ELECTRICAL CODE - LATEST EDITION  
 NATIONAL BUILDING CODE - LATEST EDITION  
 NATIONAL FIRE CODE - LATEST EDITION  
 NFPA-13 & ALL OTHER APPLICABLE NFPA SECTIONS  
 CANADIAN PLUMBING CODE - LATEST EDITION  
 NATURAL GAS INSTALLATION CODE CGA-B149  
 SMACNA

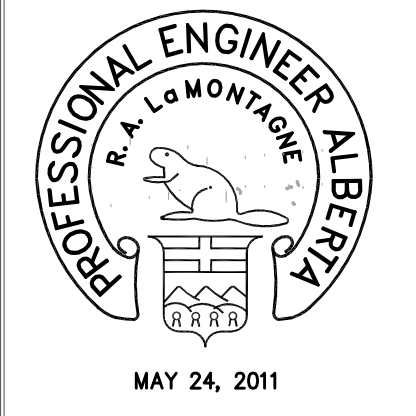
**FIELD REVIEW:**  
 THE ENGINEERS HAVE BEEN RETAINED ONLY FOR PERIODIC SITE INSPECTIONS TO ENSURE GENERAL COMPLIANCE OF THE REVIEWED PORTIONS OF THE PROJECT TO THE CONTRACT DOCUMENTS.

**SITE SAFETY:**  
 THE ENGINEERS ASSUME NO RESPONSIBILITY FOR ON-SITE WORKER SAFETY FOR OTHER THAN THEIR OWN EMPLOYEES. THE OWNER AND/OR CONTRACTOR SHALL BEAR RESPONSIBILITY FOR SITE SAFETY AS PER THE OCCUPATIONAL HEALTH AND SAFETY ACT.

**PLANS EXAMINATION:**  
 DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNTIL REVIEWED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION. THIS AUTHORITY, BASED ON APPLICABLE CODES, MAY REQUIRE REVISIONS AND/OR ADDITIONS AND THIS MAY RESULT IN EXTRA COSTS. THESE COSTS ARE UNFORESEEN AND THEREFORE, ARE THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR.

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**DRAWING REVIEW:**  
 DRAWINGS MUST NOT BE SCALED. THE CONTRACTOR MUST CROSS-REFERENCE ALL ARCHITECTURAL, STRUCTURAL, FOUNDATION, ELECTRICAL AND MECHANICAL DRAWINGS AND VERIFY ALL DIMENSIONS, DRAWINGS AND SPECIFICATIONS ON SITE. ANY DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK.



REVISIONS			
NO.	DESCRIPTION	DATE	CK
1	ISSUED FOR APPROVAL ONLY	MAY 24, 11	
2	FOR BUILDING PERMIT	JUN 22, 11	

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**PROJECT**  
 VALUE VILLAGE ADDITION 2011  
 10127 - 34 AVENUE NW  
 EDMONTON, AB  
 T6E 6J8

**TITLE**  
 ADDITION POWER SUPPLY

SCALE	DATE	DRAWING NO.
AS SHOWN	MAY 24, 2011	E1
DRAWN BY rl	CHECKED BY rw	REVISION: 2
JOB #: 1110	DWG:	
PLOTTED:	COPIED:	