

POWER NOTES:

1. REFER TO DRAWING E-000 FOR LEGEND, SYMBOLS AND GENERAL NOTES.

2. REFER TO ARCHITECTURAL DRAWINGS FOR ASSOCIATED NOTES, MOUNTING DETAILS, HEIGHTS AND EXACT LOCATIONS OF ALL DEVICES.

3. CIRCUIT NUMBERS ARE DIAGRAMMATIC. EXACT NUMBERS SHALL BE DETERMINED IN THE FIELD AND REFLECTED ON AS-BUILT DOCUMENTATION BY THE ELECTRICAL CONTRACTOR. THE ASSOCIATED CIRCUIT NUMBERS THAT ARE APPLIED TO EACH DEVICE AND PIECE OF EQUIPMENT INFERS INTERCONNECTING BRANCH CIRCUITRY. INTERCONNECTING BRANCH WIRING SHALL BE SIZED EQUAL TO THE HOMERUN UNLESS NOTED OTHERWISE.

4. VOLTAGE DROP HAS BEEN CONSIDERED IN THE DESIGN OF ALL BRANCH CIRCUITRY AND FEEDER SIZES BASED UPON THE ILLUSTRATED EQUIPMENT LAYOUTS AND SHORTEST CONDUCTOR/RACEWAY ROUTING. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DEVIATIONS TAKEN THAT WILL INCREASE CONDUCTOR/RACEWAY ROUTING LENGTHS. BRANCH CIRCUITS LONGER THAN 75' FOR 120V FROM PANEL TO LAST OUTLET SHALL BE INCREASED A MINIMUM OF ONE SIZE ABOVE THAT SPECIFIED TO LIMIT VOLTAGE DROP TO LESS THAN 3%. FEEDERS SHALL FOLLOW SIMILAR GUIDELINES AND BE LIMITED TO 2% DROP.

5. POWER BRANCH CIRCUITRY SHALL BE INSTALLED IN CONDUIT FROM THE PANEL TO THE FIRST DEVICE AND/OR WHERE EXPOSED. POWER BRANCH CIRCUITRY MAY BE TYPE MC CABLE WHERE CONCEALED ABOVE SUSPENDED CEILINGS AND IN METAL STUD WALLS.

6. MAINTAIN CONTINUITY OF BRANCH CIRCUITRY ASSOCIATED WITH ALL EXISTING POWER DEVICES TO REMAIN.

7. CONFIRM REQUIREMENTS OF ELECTRIFIED FURNITURE WITH FURNITURE VENDOR PRIOR TO WORK. PROVIDE MULTI-POLE CIRCUIT BREAKERS AND MODIFY NEUTRALS AS REQUIRED TO COMPLY WITH SECTION 605.6 AND 605.7 OF THE NATIONAL ELECTRIC CODE.

8. PROVIDE A 120V CIRCUIT WITH DISCONNECT SWITCH TO WATER HEATER LEAK DETECTION SYSTEM.

KEY NOTES:

- for connection to vending machine.
- 2 REFRIGERATOR.
- DOOR RELEASE BUTTON RELOCATED PER ARCHITECT.

GENERAL NOTES:

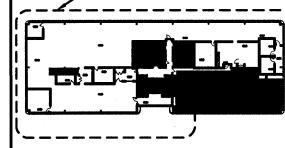
EXISTING ELECTRICAL SHOWN ON THESE PLANS WAS <u>NOT</u> FIELD VERIFIED BY RDK ENGINEERS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFIED ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. RDK ENGINEERS <u>WILL NOT</u> BE HELD RESPONSIBLE FOR ANY EXISTING CONDITIONS DISCREPANCIES FOUND DURING CONSTRUCTION.

56 NORTHPORT DRIVE (1361 WASHINGTON AVENUE) PORTLAND, ME





PROJECT SCOPE









311 SUMMER STREET BOSTON, MA 02210 617.234.3100

ISSUANCES

ISSUANCES		
No.	Description	Date
1	ISSUED FOR PERMIT	12/23/08
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Checked by:		

ELECTRICAL POWER PLAN 2ND FLOOR

Drawing Scale:

Job No.

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1/8" = 1'-0"

20080729

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