

**Bean 2 Roof
Addition**

22 Bramhall Street, Portland,
Maine 04102

MEP ENGINEER

AKF ENGINEERS

41 Farnsworth Street, 3rd Floor
Boston, MA 02210
1 617 737 3111
1 617 737 4311

STRUCTURAL ENGINEER

SIMPSON GUMPERTZ &
HEGER

41 Seyon Street, Building 1, Suite 500
Waltham, MA 02453
1 781 907 8000
1 781 907 5009

MEDICAL EQUIPMENT PLANNERS

RTKL ASSOCIATES INC.

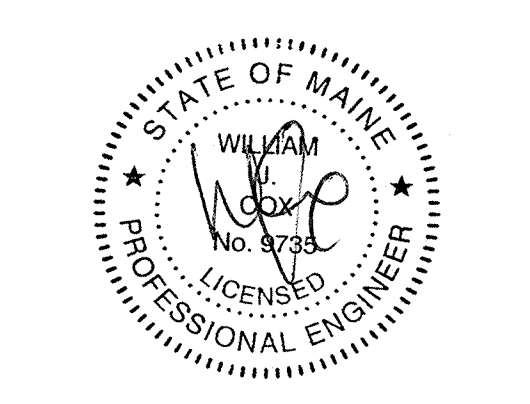
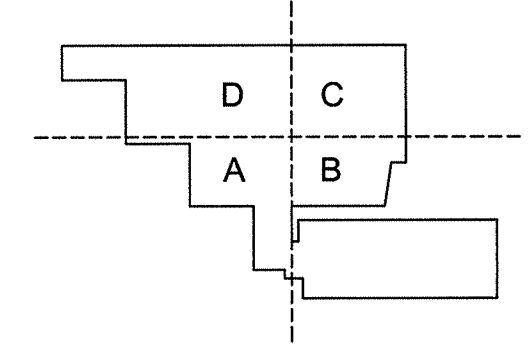
1717 Pacific Avenue
Dallas, TX 75201
1 214 468 7800
1 214 468 7801

COST ESTIMATOR

DG JONES & PARTNERS

3 Baldwin Green Common, Suite 202
Woburn, MA 01801
1 781 832 3131
1 781 832 3199

**CONSTRUCTION
DOCUMENTS**



Revisions

2	Issued for Permit	2-07-14
1	Addendum #3	1-17-14
NO	ISSUE	DATE

Sheet Information

Date: JUNE 14, 2013
Job #: C140135461(MMC)152168.000

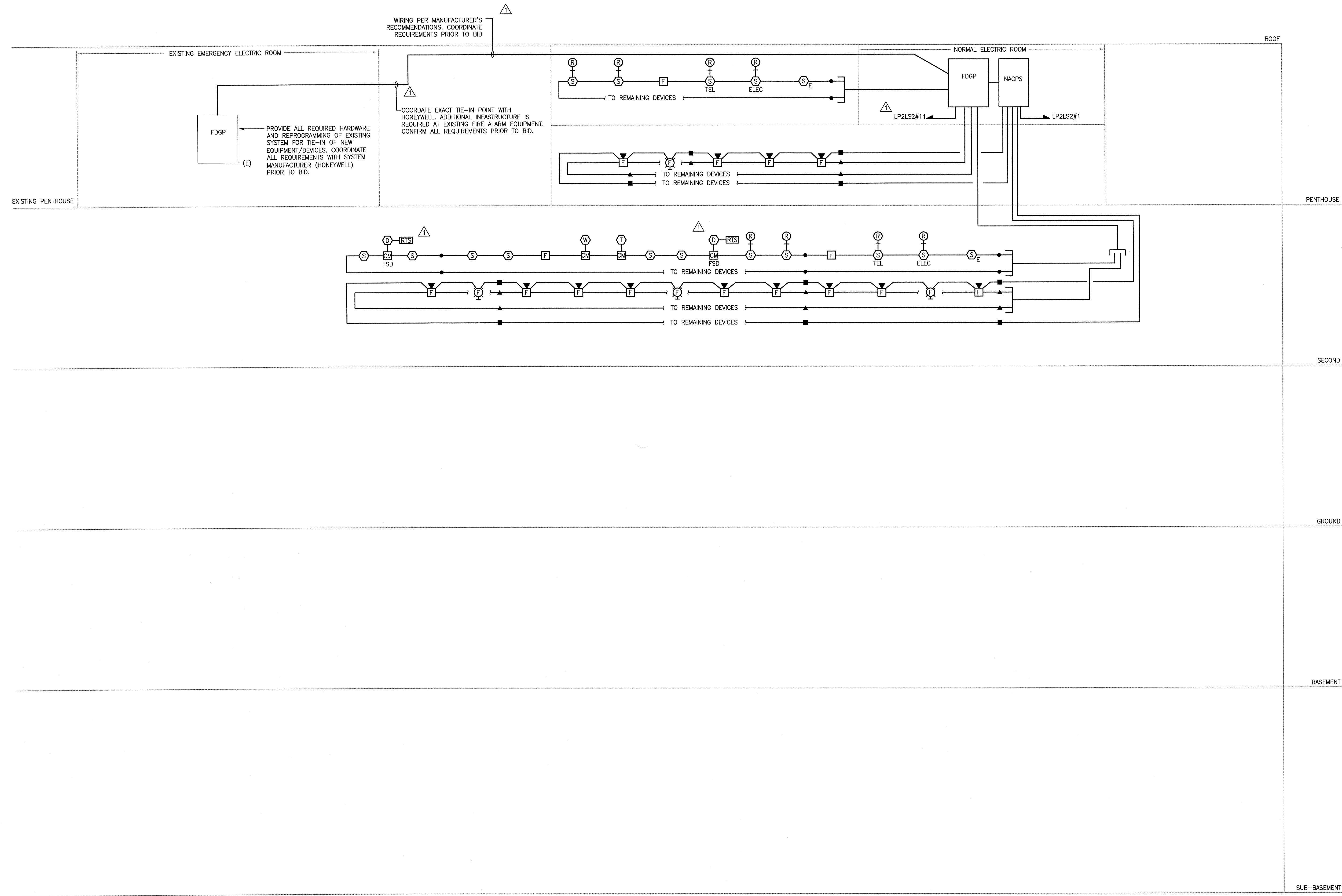
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Title

**ELECTRICAL
FIRE ALARM
RISER DIAGRAM**

Sheet

E00-12



FIRE ALARM WIRING LEGEND:

- CLASS "A" ADDRESSABLE SIGNAL CIRCUIT
- ▲ CLASS "A" AUDIO EVAC. CIRCUITS
- CLASS "A" STROBE/HANDICAP LIGHT
- |— INDICATES CONTINUATION OF WIRING TYPE

FIRE ALARM RISER DIAGRAM NOTES:

1. THE EXISTING BEAN BUILDING IS SERVED BY AN EXISTING FIRE ALARM SYSTEM. THIS SYSTEM SHALL BE EXPANDED FOR THIS RENOVATION PROJECT.
2. RISER DIAGRAM SHOWS INTENT ONLY. FIRE ALARM SYSTEM SHALL BE WIRED PER MANUFACTURERS COMPLETE RISER DIAGRAMS. SEE FLOOR PLANS FOR EXACT QUANTITY OF DEVICES.
3. VISUAL CIRCUITS SHALL ONLY BE LOADED TO 80%. EACH NACPS SHALL HAVE ONE (1) SPARE ZONE.
4. FIRE ALARM SYSTEM SHALL BE WIRED CLASS "A" ALL FIRE ALARM WIRING SHALL BE IN CONDUIT.
5. PROVIDE ALL REQUIRED POWER SUPPLIES, PC BOARDS, BATTERIES AND SYNCHRONIZING HARDWARE FOR COMPLETE INSTALLATION OF NEW SYSTEM.
6. SPLICES OF FIRE ALARM CONDUCTORS IS NOT ACCEPTABLE.
7. ALL EQUIPMENT SHALL BE MANUFACTURED BY BASE BUILDING FIRE ALARM MANUFACTURER (HONEYWELL), BE UL LISTED AND BE IN COMPLIANCE WITH ADA REQUIREMENTS.
8. FINAL CONNECTIONS ARE TO BE DONE BY ELECTRICAL CONTRACTOR UNDER THE SUPERVISION OF BASE BUILDING FIRE ALARM VENDOR. PROVIDE ADEQUATE SLACK FOR TERMINATIONS.
9. PROVIDE FAN SHUT DOWN CAPABILITY FOR EXISTING FANS WITH A RATING LARGER THAN 2,000 CFM. SHUT DOWN SHALL BE ACCOMPLISHED BY ONE OR MORE OUTPUT CONTROL POINTS FROM THE FIRE ALARM SYSTEM TO RELAYS FOR SHUTDOWN. PROVIDE CONTROL AND MONITORING FOR ALL RELAYS.
10. PROVIDE POWER, CONTROL RELAYS, MONITORING AND WIRING FOR ALL FIRE/SMOKE DAMPERS. DAMPER MONITORING SHALL BE FROM AN END SWITCH ON THE DAMPER VIA A RELAY.

