



② MAINTENANCE BYPASS WITH ISOLATION TRANSFORMER AND MODULAR POWER DISTRIBUTION CABINET

③ 3/4" X 4" TELECOM SERVICE DEMARCATION FIRE-RETARDANT TREATED PLYWOOD BACKBOARDS INSTALLED WITH TWO COATS OF FIRE RETARDANT BLACK PAINT, EXCEPT FOR LABEL, BY E.C. BACKBOARDS SHALL BE INSTALLED TO PROVIDE 1" SPACE BETWEEN THE WALL AND BACK OF THE BACKBOARD

④ UPS FRAME CABINET (SCALABLE 10-100KW)

⑤ BATTERY FRAME CABINET FOR UPS (15 MINUTES @ 50KW)

TWO 4" UNDERGROUND SCH 80 PVC CONDUIT WITH PULLWIRE FOR FUTURE TELE/DATA/LOW VOLTAGE COMMUNICATIONS SERVICE WIRING

GENERAL NOTES

- REFER TO "T" SERIES DRAWINGS FOR TELE/DATA/CATV/LOW VOLTAGE DEVICE LOCATION AND QUANTITIES, WIRING, CONDUIT, PATHWAYS, ETC. REQUIREMENTS NOT INDICATED ON THE ELECTRICAL DRAWINGS.
- REFER TO "SE" SERIES DRAWINGS FOR SECURITY DEVICE LOCATION AND QUANTITIES, WIRING, CONDUIT, PATHWAYS, ETC. REQUIREMENTS NOT INDICATED ON THE ELECTRICAL DRAWINGS.
- ELECTRICAL DEVICES WITH DESIGNATION "S1-I" SHALL BE CIRCUITED TO NORMAL POWER PANEL LRP-S1.
- ELECTRICAL DEVICES WITH DESIGNATION "OS1-I" SHALL BE CIRCUITED TO OPTIONAL STANDBY POWER PANEL OSLRP-S1.
- ELECTRICAL DEVICES WITH DESIGNATION "LS1-I" SHALL BE CIRCUITED TO LIFE SAFETY POWER PANEL LSLRP-S1.
- THE FIRE ALARM SYSTEM DESIGN INDICATED ON THESE PLANS ARE "FOR REFERENCE ONLY". RELEASE OF THE FIRE ALARM SYSTEM DESIGN WILL BE CONDITIONAL UPON SUBMITTAL OF SIGNED AND SEALED FIRE ALARM SYSTEM SHOP DRAWINGS. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL TO ICA PRIOR TO SYSTEM INSTALLATION. REFER TO FIRE ALARM RISER DIAGRAM NOTE NO. 28 ON DRAWING E-501 FOR MORE INFORMATION.
- THE FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH DATA SHEET S-40, FIRE ALARM SYSTEMS. FM GLOBAL DATA SHEETS ARE AVAILABLE AT WWW.FMGLOBAL.COM/RESEARCH-AND-RESOURCES/FM-GLOBAL-DATA-SHEETS. ONLY FIRE DETECTORS (HEAT, SMOKE, RATE OF RISE) LISTED IN THE CURRENT APPROVAL GUIDE, A PUBLICATION OF FM APPROVALS, SHALL BE USED IN THIS INSTALLATION. FM GLOBAL APPROVAL GUIDE IS AVAILABLE AT WWW.FMAPPROVALS.COM/APPROVAL-GUIDE.

KEY NOTES

- UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL PROVIDE A SEPARATE AND DEDICATED 120V, 1P, 20A BRANCH CIRCUIT TO EACH OF THE RECEPTACLES WITHIN THIS ROOM FROM THE RACK MOUNTED PDU UNIT IN THIS ROOM. FURNISH AND INSTALL ALL REQUIRED BRANCH CIRCUIT WIRING, CONNECTORS, HARDWARE, ACCESSORIES, ETC. PER THE DIRECTION OF THE MPU IT DEPARTMENT.
- FURNISHED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR.
- RESIDENT APARTMENT COMBINATION SMOKE/CO DETECTORS AND HEAT DETECTOR SHALL BE EQUIPPED WITH SOUNDER BASES AND BE WIRED SUCH THAT IN THE EVENT OF ONE OF THE DETECTORS GOING INTO AN ALARM CONDITION, ALL OTHER DETECTORS WITHIN THE SITE SHALL SOUND LOCALLY. WHEN TWO OR MORE DETECTORS GO INTO ALARM ALL DETECTORS SHALL SOUND LOCALLY AND IN ADDITION, A SIGNAL SHALL BE SENT TO THE MAIN CONTROL PANEL. EACH BEDROOM COMBINATION SMOKE/CO DETECTOR SHALL BE EQUIPPED WITH A 520HZ SOUNDER BASE AND EACH VESTIBULE AND HALLWAY COMBINATION SMOKE/CO DETECTOR AND TOILET ROOM HEAT DETECTOR SHALL BE EQUIPPED WITH A STANDARD SOUNDER BASE.

1 ELECTRICAL FIRST FLOOR POWER AND SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

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SUBMISSIONS		
NO.	DATE	DESCRIPTION
1	07/14/13	CONSTRUCTION DOCUMENTS
2	08/07/13	FINAL CONSTR. DOCUMENTS
REVISIONS		
1A	AS NOTED	CONSTR. DOC. REVISIONS
2A	AS NOTED	ADDENDUM 1
2B	08/24/17	ADDENDUM 2
2D	09/08/17	ADDENDUM 6

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CONSTRUCTION DOCUMENTS
(ISSUED FOR CONSTRUCTION)

DATE: 2017.08.07

SCALE:

DRAWN BY:

CHECKED BY:

SHEET TITLE:
ELECTRICAL
FIRST FLOOR
POWER &
SYSTEMS PLAN

DRAWING NO.:
E-301

CCH PROJECT NO.: 1932

Project Manager
CM

Designed By
MC

Drafted By
JDD

Checked By
MC

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