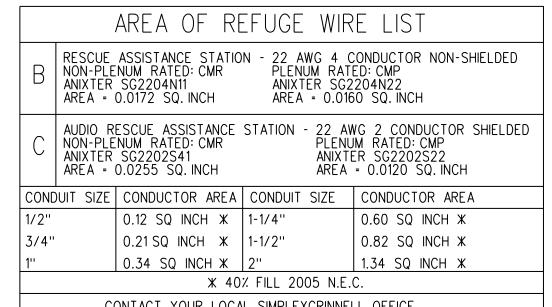
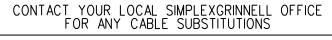
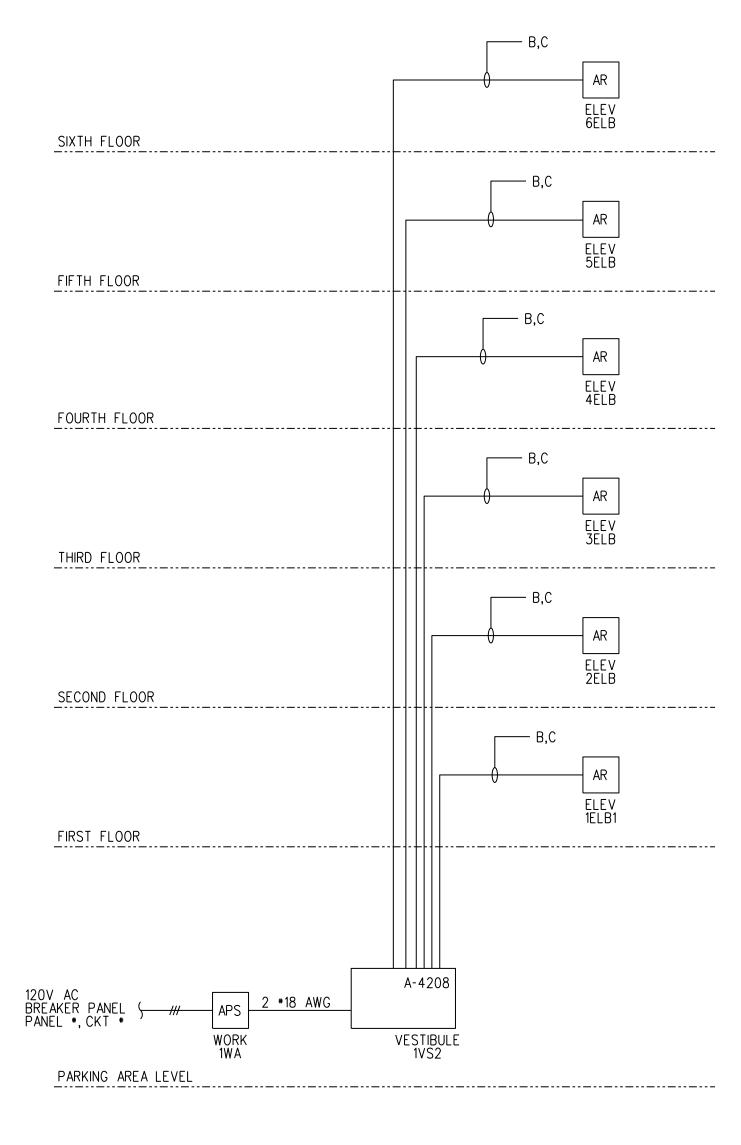
AREA OF REFUGE SYSTEM SYMBOL LEGEND				
A-4208	AREA OF REFUGE ANNUNCIATOR (8-ZONE)	CORNELL A-4208	CORNELL BB-	
APS	AREA OF REFUGE 24VDC POWER SUPPLY	CORNELL B-5243A	SUPPLIED WITH UNIT	
AR	AREA OF REFUGE STATION	CORNELL 4201B/V	2-GANG BOX	







SYMBOL	FIRE ALARM
AP	ANNUNCIATION PAN
FACP	FIRE ALARM CONTR
КВ	KNOX BOX
FS	FLOW SWITCH
PS	PRESSURE SWITCH
<u> </u>	
TS	TAMPER SWITCH
НS	HORN AND STROBE M = "MINI" TYPE
μ	HORN UNIT
S	STROBE LIGHT
F	PULL STATION
S	SMOKE DETECTOR
SD	DUCT SMOKE DETE
FD/SD	FIRE/SMOKE DAMP
H	HEAT DETECTOR
$(H)_{D}$	DUCT HEAT DETEC
со	CARBON MONOXIDE BATTERY BACKUP
S _{SB}	SMOKE DETECTOR LOCAL ONLY W/ B
୍ତି _{SB}	SMOKE DETECTOR LOCAL ONLY W/ B STROBE (ACCESSIB
Ś	SMOKE DETECTOR BATTERY BACKUP
S	COMBINATION SMOP MONOXIDE DETECTO BATTERY BACKUP
	EMERGENCY LIGHT
SYMBOL	DESC
	LIGHTS IN ALL PUB REQUIRED TO BE IL EMERGENCY SHALL THE EMERGENCY BA
⊗	LIGHTED EXIT SIGN. AS INDICATED. SHA FACES.

 $\square TFS:$

BIDIRECTIONAL AMPLIFIER SYSTEM TO BE PROVIDED AND INSTALLED BY SIDEBAND SYSTEMS. CONTACT INFORMATION AT SIDEBAND IS AS FOLLOWS: JACK DAVIS, CEO/PRESIDENT SIDEBAND SYSTEMS PHONE: (978) 922-4298 EXT. 301 FAX: (978) 922-4462 EMAIL: JDAVIS@SIDEBANDSYS.COM

RISER DIAGRAM NOT TO SCALE

E ALARM LEGEND

DESCRIPTION

IATION PANEL

ARM CONTROL PANEL

IRE SWITCH

ND STROBE LIGHT

DETECTOR

MOKE DETECTOR

OKE DAMPER

ETECTOR

EAT DETECTOR

MONOXIDE DETECTOR W/ BACKUP

DETECTOR W/ SOUNDER BASE ONLY W/ BATTERY BACKUP

DETECTOR W/ SOUNDER BASE ONLY W/ BATTERY BACKUP AND (ACCESSIBLE ROOMS ONLY) DETECTOR LOCAL ONLY W/

TION SMOKE AND CARBON DE DETECTOR LOCAL ONLY W/ BACKUP

ENCY LIGHTING LEGEND

DESCRIPTION

ALL PUBLIC AREAS AND AREAS TO BE ILLUMINATED IN AN CY SHALL BE CONNECTED TO RGENCY BACKUP GENERATOR.

EXIT SIGN. DIRECTIONAL ARROWS ATED. SHADED AREAS DENOTE

FIRE EXTINGUISHER NOTES:

1. PROVIDE PORTABLE FIRE EXTINGUISHERS AS SHOWN AT A MINIMUM AND IN ACCORDANCE WITH NFPA 10.

2. PROVIDE MINIMUM 10 1b. AT WORK AREA, HOUSEKEEPING, MAINTENANCE, PANTRY/FOOD PREP, AND LAUNDRY.

3. PROVIDE TYPE AS REQUIRED FOR THE GIVEN HAZARD AT EACH LOCATION.

FIRE ALARM & EMERGENCY LIGHTING NOTES:

1. FIRE ALARM & EMERGENCY LIGHTING SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL STANDARDS, CODES, AND GUIDELINES. 2. SIGNIFICANT DESIGN ALTERATIONS, ADDITIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL BEFORE PROCEEDING.

3. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE ELECTRICAL SYSTEM INSTALLATION WITH ALL TRADES INCLUDING MECHANICAL, ARCHITECTURAL, STRUCTURAL, AND PLUMBING. 4. ALL FIRE ALARM SYSTEM EQUIPMENT, DEVICES AND RELATED COMPONENTS SHALL BE U.L. LISTED. THE

INSTALLATION, LOCATION AND SPACING OF SUCH DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 72 AND AS OTHERWISE SPECIFIED BY LOCAL CODES. STROBE NOTIFICATION APPLIANCES SHALL BE PROVIDED IN ACCORDANCE WITH FEDERAL ACCESSIBILITY RULE (28 CFR 36, APPENDIX A, SEC. 4.28) AS TO NUMBER, LOCATIONS, SPACING AND VISUAL INTENSITY.

5. GUESTROOM AND SUITES SHALL BE EQUIPPED WITH SMOKE DETECTORS, WHICH SHALL BE HARD-WIRED AND LOCALLY ANNUNCIATED (WITHIN EACH ROOM). SMOKE DETECTORS WITHIN ACCESSIBLE GUESTROOMS AND ACCESSIBLE SUITES (BEDROOM AND PARLOR) SHALL BE EQUIPPED WITH AN INTEGRAL STROBE LIGHT PROVIDING A VISUAL INTENSITY OF 177cd. THE PANEL MUST NOT BE LOCATED IN THE BACK WALL FACING THE REGISTRATION DESK.

6. ALL FIRE ALARM DEVICES TO BE CAT. 30 KEYED.

7. ELECTRICAL CONTRACTOR IS TO PROVIDE FIRE ALARM SYSTEM DEVICE SUBMITTALS AND CIRCUITED DRAWINGS, CALCULATIONS ETC. FOR APPROVAL PRIOR TO INSTALLATION.

8. ALL MEANS OF EGRESS INCLUDING THE EXIT DISCHARGE SHALL BE PROVIDED WITH EMERGENCY LIGHTING WITH EMERGENCY POWER. THE EMERGENCY POWER SYSTEM SHALL PROVIDE A MIN. OF 90 MINUTES OF POWER. EMERGENCY LIGHTING SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT-CANDLE AND A MINIMUM AT ANY POINT OF 0.1 FOOT-CANDLE MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. 9. EACH DEVICE SHALL BE ADDRESSIBLE AND FIRE ALARM SYSTEM SHALL BE ZONED BY FLOOR AND

FURTHER DIVIDED INTO INDIVIDUAL WINGS OF THE BUILDING. 10. ANNUNCIATOR PANEL SHALL BE GRAPHIC DESIGN TYPE WITH A MAP OF THE BUILDING'S FLOORS. PANEL SHALL BE KEY OPERATED.

11. THERE SHALL BE A FLOW SWITCH FOR EACH FLOOR.

12. PROVIDE CARBON MONOXIDE DETECTORS ADJACENT TO ALL FIREPLACES. 13. PROVIDE SUPPLY AIR SMOKE DETECTORS IN HVAC DUCTS.

14. WHERE FEASIBLE DEVICES SHALL BE STACKED VERTICALLY OVER EACH OTHER AND SHALL NOT BE PLACED ON ACCENT WALLS.

15. PROVIDE CARBON MONOXIDE DETECTION DEVICE(S) IN ALL RESIDENTIAL 6TH FLOOR UNITS. DETECTORS SHALL BE LOCATED OUTSIDE EACH SEPARATE SLEEPING AREA. 16. A SMOKE DETECTOR INSTALLED WITHIN 20' OF A BATHROOM OR KITCHEN MUST BE A PHOTO ELECTRIC

TYPE DETECTOR BUT SMOKE DETECTORS IN BEDROOMS MAY BE IONIZATION TYPE DETECTORS. 17. IN GROUP R-2 OCCUPANCIES (@ 6TH FLOOR) ALL DWELLING UNITS AND SLEEPING UNITS SHALL BE PROVIDED WITH CAPABILITY TO SUPPORT VISIBLE ALARM NOTIFICATION APPLIANCES IN ACCORDANCE WITH ICC A117.1. ALL DEVICES SHALL BE HARD-WIRED AND LOCALLY ANNUNCIATED (WITHIN EACH ROOM).

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