



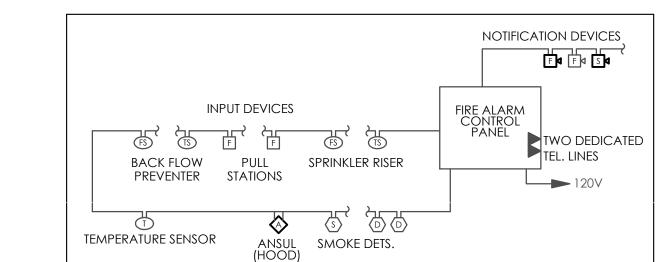
FIRE ALARM SYSTEM SYSTEM OUTPUTS INPUT/OUTPUT MATRIX SYSTEM INPUTS FIRE ALARM SYSTEM AC POWER FAILURE 2 FIRE ALARM SYSTEM LOW BATTERY 3 OPEN CIRCUIT 4 GROUND FAULT 5 NOTIFICATION APPLIANCE CIRCUIT SHORT 6 BUILDING MANUAL PULL STATIONS 7 CORRIDOR SMOKE DETECTORS 8 AREA SMOKE DETECTORS 9 HVAC AIR DUCT SMOKE DETECTORS 10 AREA HEAT DETECTORS 11 HOOD OR ROOM FIRE SUPPRESSION SYSTEM ALARM 12 | SPRINKLER TAMPER SWITCH 15 | ELEV EQUIP RM AREA SMOKE DETECTOR 16 ELEV SHAFT AND ELEV EQUIP RM HEAT DETECTORS 18 ELEV LOBBY SMOKE DETECTOR - RECALL FLOOR 19 ELEV CONTROLLER POWER SHUNT TRIP STATUS 24 LEGALLY REQUIRED GENERATOR NOT IN AUTOMATIC 25 AREA OF REFUGE TWO-WAY COMMUNICATIONS STATUS

## TAGGED NOTES - THIS SHEET

HOOD FIRE SUPPRESSION SYSTEM TO BE INTERLOCKED TO BLDG FIRE ALARM SYSTEM. UPON ACTIVATION OF HOOD SUPPRESSION SYSTEM BLDG FIRE ALARM SYSTEM IS TO ACTIVATE.

## GENERAL FIRE ALARM NOTES

- THE FIRE ALARM CONTRACTOR IS TO BE HELD TO THE SAME REQUIREMENTS AS THE ELECTRICAL CONTRACTOR. FIRE ALARM CONTRACTOR SHALL REVIEW ELECTRICAL PLANS AND ELECTRICAL "GENERAL NOTES" BEFORE COMPLETING BID.
- FIRE ALARM CONTRACTOR IS TO VERIFY EXISTING FIRE ALARM SYSTEM HAS BATTERY AND VOLTAGE CAPACITY TO HANDLE ADDITIONAL DEVICES. PROVIDE FIRE ALARM SHOP DRAWINGS IF REQ'D TO LOCAL AHJ.
- AUDIBLE FIRE ALARM NOTIFICATION APPLIANCES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15DBA ABOVE THE AVERAGE AMBIENT SOUND PRESSURE LEVEL AT ALL LOCATIONS WITHIN THE OCCUPIABLE SPACE. TYPICAL AVERAGE AMBIENT SOUND PRESSURE LEVELS ARE GIVEN IN NFPA 72 TABLE A-4-3.2.
- 4. IF THREE OR MORE FIRE ALARM SYSTEM VISUAL NOTIFICATION APPLIANCES ARE LOCATED WITHIN AN OBSERVERS FIELD OF VIEW (135°) AND WITHIN 55'-0" OF THE OBSERVER, THEN THE DEVICES SHALL BE SYNCHRONIZED.
- FIRE ALARM DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH NFPA 72 AND 'ADA'.
- 6. ALL FIRE ALARM WIRING SHALL BE IN CONDUIT OR AS ALLOWED BY NEC OR LOCAL AHJ.
- 7. ELECTRICAL CONTRACTOR SHALL PROVIDE AN UPDATED FIRE ALARM LAYOUT PLAN AT THE FACP.
- 8. TESTING OF THE FIRE ALARM SYSTEM SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.



COVERAGE PROVIDED PER LOCAL

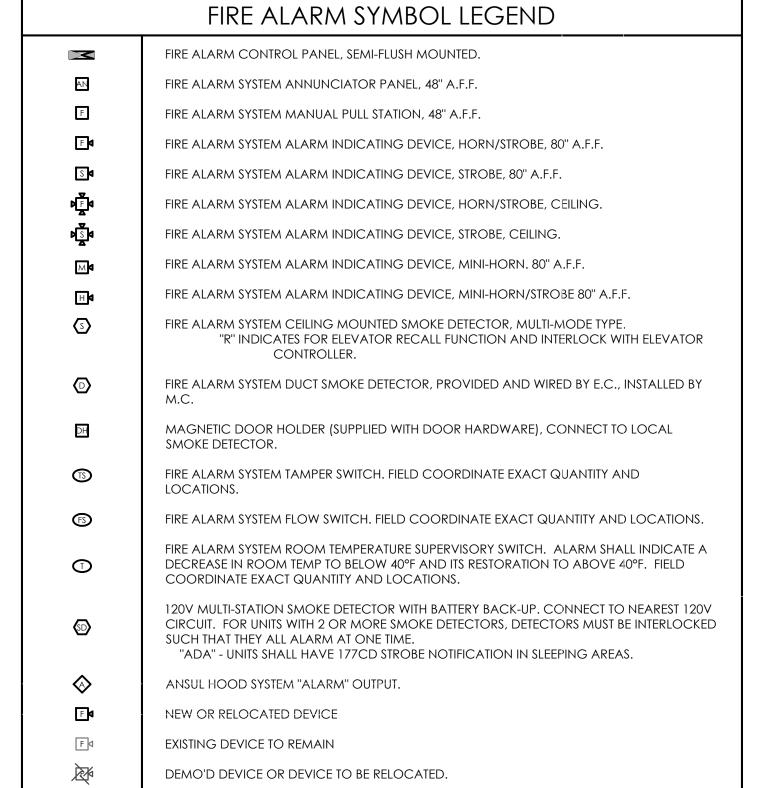
AHJ DIRECTION.

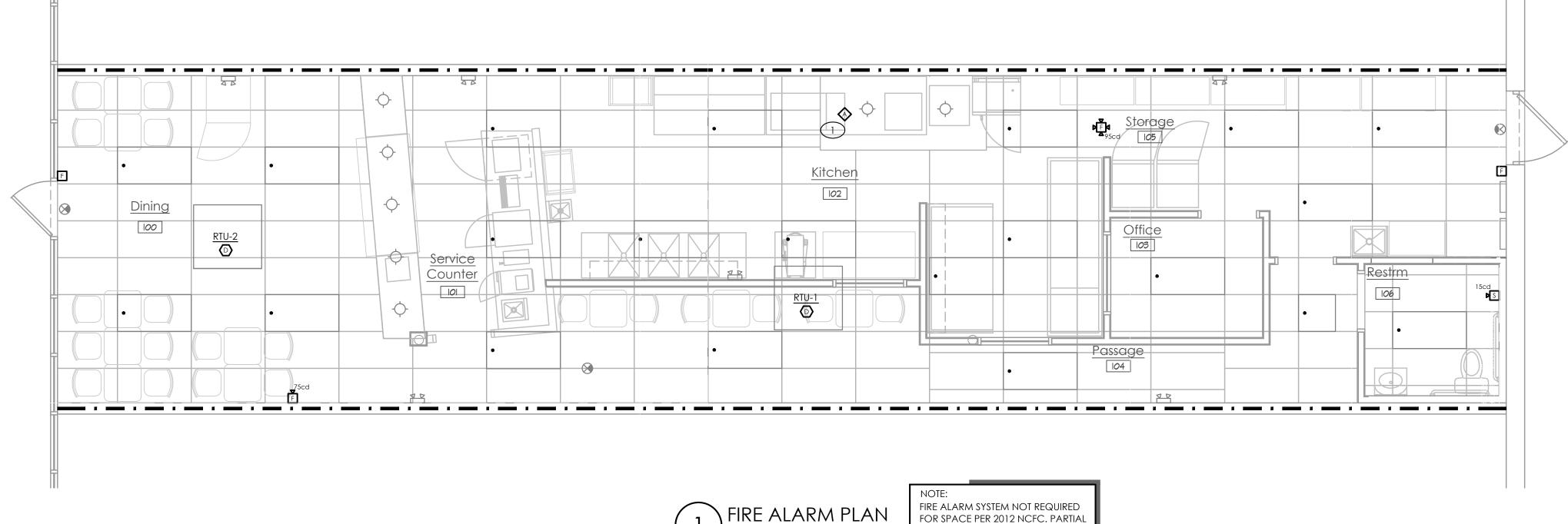
1. FIRE ALARM SYSTEM IS EXISTING. COORDINATE NEW DEVICES WITH EXISTING FA SYSTEM TYPE, MODEL, AND REQUIREMENTS. PROVIDE ALL PROGRAMMING AND FINAL CONNECTION BY A FACTORY TRAINED TECHNICIAN.

- 2. EXISTING FIRE ALARM DEVICES ARE SHOWN IN FAINT. NEW OR RELOCATED DEVICES ARE SHOWN IN **BOLD**.
- 3. RISER IS GENERIC IN NATURE. CONTRACTOR TO FIELD VERIFY EXACT LAYOUT AND EQUIPMENT PRESENT.



## FIRE ALARM DEVICE MATRIX





MARLIN DESIGN BUILD

PO Box 1852 Cary, NC 27512 Phone: (919) 291-6736

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**REVISIONS** 

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SHEET TITLE FIRE ALARM PLAN

SHEET

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