

GENERAL NOTES

- 1. THESE DRAWINGS DEPICT GENERAL LOCATIONS OF LIFE SAFETY EQUIPMENT & FIELD DEVICES. EXACT ROUTING OF CONDUITS TO BE DETERMINED IN THE FIELD BY THE INSTALLING CONTRACTOR TO SUIT CONDITIONS. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS.

SYSTEM DESCRIPTION / SCOPE OF WORK

OCCUPANCY TYPE: R-2 RESIDENTIAL GROUP
SPRINKLER PROTECTION: BUILDING IS FULLY SPRINKLED.

PROVIDE AND INSTALL A NEW AUTOMATIC AND MANUAL FIRE ALARM SYSTEM AS SHOWN ON DRAWINGS.
ALL WIRING TO BE CLASS B. WIRING IS STYLE Y FOR NOTIFICATION APPLIANCE CIRCUITS, STYLE B FOR INITIATING DEVICE CIRCUITS, AND STYLE 4 FOR SIGNALING LINE CIRCUITS.

FIRE ALARM APPLICABLE STATE CODES & STANDARDS

- NFPA 101, 1997
• NATIONAL ELECTRIC CODE 2002 (NFPA 70).
• ELEVATOR CODE ASHE A17.1, 2000 ADDENDA A17.1.A, 2002

NOTE: BUILDING CODES ARE ESTABLISHED BY THE LOCAL JURISDICTIONS. CONTACT THE AUTHORITIES HAVING JURISDICTION DIRECTLY FOR APPLICABLE CODE INFORMATION.

SYMBOL KEY

Table with 4 columns: SYMBOL, DESCRIPTION, MODEL#, BACKBOX. Lists various fire alarm components like fire alarm control panels, NAC extenders, manual pull stations, smoke sensors, etc.

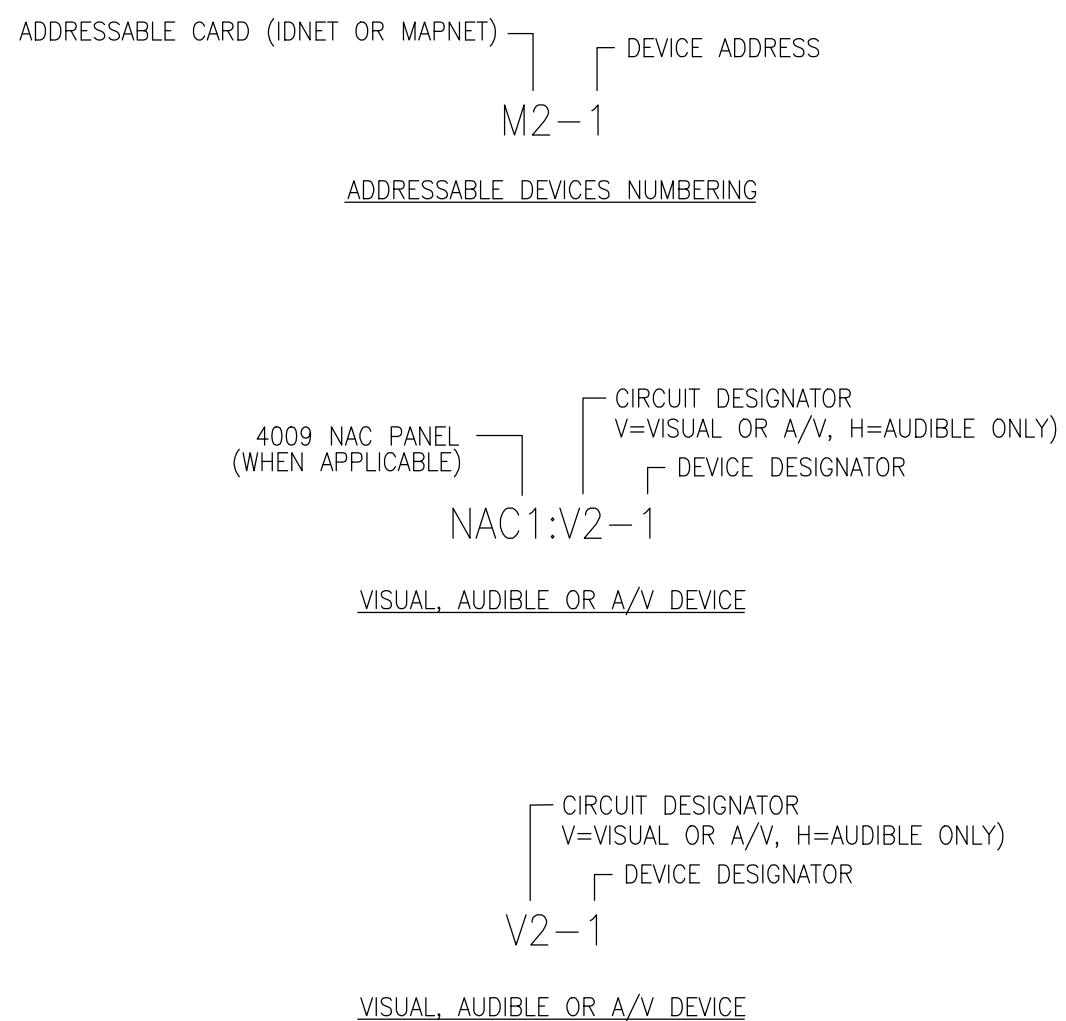
* NOTE: WHITE NAC APPLIANCES TO BE INSTALLED IN APARTMENTS

WIRE SCHEDULE

ABBREVIATIONS LEGEND

- AC = ABOVE CEILING
C = CEILING MOUNTED
E = EXISTING TO REMAIN
RC = EXISTING TO REMOVE AND COVER
RD = EXISTING DEVICE TO BE RELOCATED
RL = RELOCATED DEVICE
RR = REMOVE EXISTING AND REPLACE W/NEW
WP = WEATHERPROOF
XP = EXPLOSION PROOF
ADA = AMERICANS WITH DISABILITY ACT
AFF = ABOVE FINISHED FLOOR
AHJ = AUTHORITY HAVING JURISDICTION
ALM = ALARM
ANN = ANNUNCIATOR
BMS = BUILDING MANAGEMENT SYSTEM
CBC = CALIFORNIA BUILDING CODE
CD = (eg. 15CD) CANDELA
CSFM = CALIFORNIA STATE FIRE MARSHAL
DET = DETECTOR
DOP = DATA GATHERING PANEL
EOL = END OF LINE
EPO = EMERGENCY POWER OFF
FACP = FIRE ALARM CONTROL PANEL
FATC = FIRE ALARM TERMINAL CABINET
FBN = FURNISHED BY OTHERS
FCC = FIRE COMMAND CENTER
FAA = FIRE ALARM ANNUNCIATOR
FTR = FIRE ALARM TRANSPOUNDER
FSD = FIRE SMOKE DAMPER
HT = HEIGHT
HVAC = HEATING, VENTILATION, & AIR CONDITIONING
TSW = TRUESITE WORK STATION
MAX = MAXIMUM
MIN = MINIMUM
N/A = NOT APPLICABLE
NAC = NOTIFICATION APPLIANCE CIRCUIT EXTENDER
NDU = NETWORK DISPLAY UNIT
NEC = NATIONAL ELECTRICAL CODE
NFPA = NATIONAL FIRE PROTECTION ASSOCIATION
NIC = NOT IN CONTRACT
NPU = NETWORK PROCESSING UNIT
NTS = NOT TO SCALE
PAP = FIRE-ACTION PANEL
SCC = STATUS COMMAND CENTER
SIC = SIGNALING LINE CIRCUIT
SMK = SMOKE
SUPV = SUPERVISORY
TAC = TRUALERT ADDRESSABLE CONTROLLER
TRBL = TROUBLE
TIS = TAMPER SWITCH
TYP = TYPICAL
UON = UNLESS OTHERWISE NOTED
VCC = VOICE COMMAND CENTER
VS = VALVE SUPERVISORY SWITCH
WF = WATER FLOW
W = (eg. 1/2W) WATT
W/ = WITH
W/O = WITH OUT

DEVICE ADDRESSING LEGEND



SEQUENCE OF OPERATION

Sequence of operation matrix with columns for SYSTEM INPUTS (1-31) and SYSTEM OUTPUTS (A-AH). Rows indicate the sequence of events from smoke detection to alarm activation.

FIRE ALARM WIRE LIST table with columns for item, description, conductor size, area, and plenum rating.

THE CABLES SPECIFIED HERE ARE FOR REFERENCE OF REQUIRED ELECTRICAL CHARACTERISTICS AS WELL AS CODE REQUIREMENTS. ALTERNATE SUPPLIERS MAY BE SUBSTITUTED PROVIDING EQUIVALENT CHARACTERISTICS ARE MAINTAINED. ITEMS SUCH AS CAPACITANCE BETWEEN CONDUCTORS AND WIRE GAUGE CAN BE CRUCIAL TO THE CIRCUIT DESIGN OF THIS SYSTEM INSTALLATION.

Vertical sidebar containing company logo (SimplexGrinnell), contact information (20 THOMAS DRIVE, WESTBROOK, ME 04092), and project details (DRAWN BY: LORION, DATE: 3/6/12).