

SHEET NOTES:

- 1 FLOW & TAMPER SWITCH LOCATED IN BSMT. VERIFY EXACT LOCATION, QUANTITY AND MONITOR
 - 2 ADDRESSABLE MONITOR MODULE(S) PROVIDED TO MONITOR ALL WATER FLOW, PRESSURE SWITCHES, TAMPER SWITCHES AND POST INDICATING VALVES ASSOCIATED WITH THE FIRE SPRINKLER SYSTEM. INSTALLING CONTRACTOR SHALL FIELD VERIFY EXACT MOUNTING, CIRCUITING AND PROGRAMMING REQUIREMENTS. FIELD VERIFY
 - 3 ADDRESSABLE MONITOR MODULE PROVIDED TO MONITOR CO DETECTOR.
- CO DETECTORS SHALL:
- (1) WHEN ACTIVATED: LATCH UNTIL RESET AT CONTROL PANEL
 - (2) WHEN ACTIVATED: SOUND TEMPORAL-4 AT THE DETECTOR BASE.
 - (3) WHEN ACTIVATED: NOTIFY THE SUPERVISING OR CENTRAL STATION TO CALL FIRE DEPARTMENT.
 - (4) WHEN ACTIVATED: WILL NOT ACTIVATE THE FIRE HORN/STROBES.
 - (5) WHEN ACTIVATED: WILL NOT ACTIVATE CITY MASTER BOX.
- NOTE: FIRE SYSTEM SMOKE DETECTORS SHALL TAKE PRECEDENCE OVER THE CO DETECTORS.
- 4 HALLWAY DOES NOT EXIST.

GENERAL NOTES:

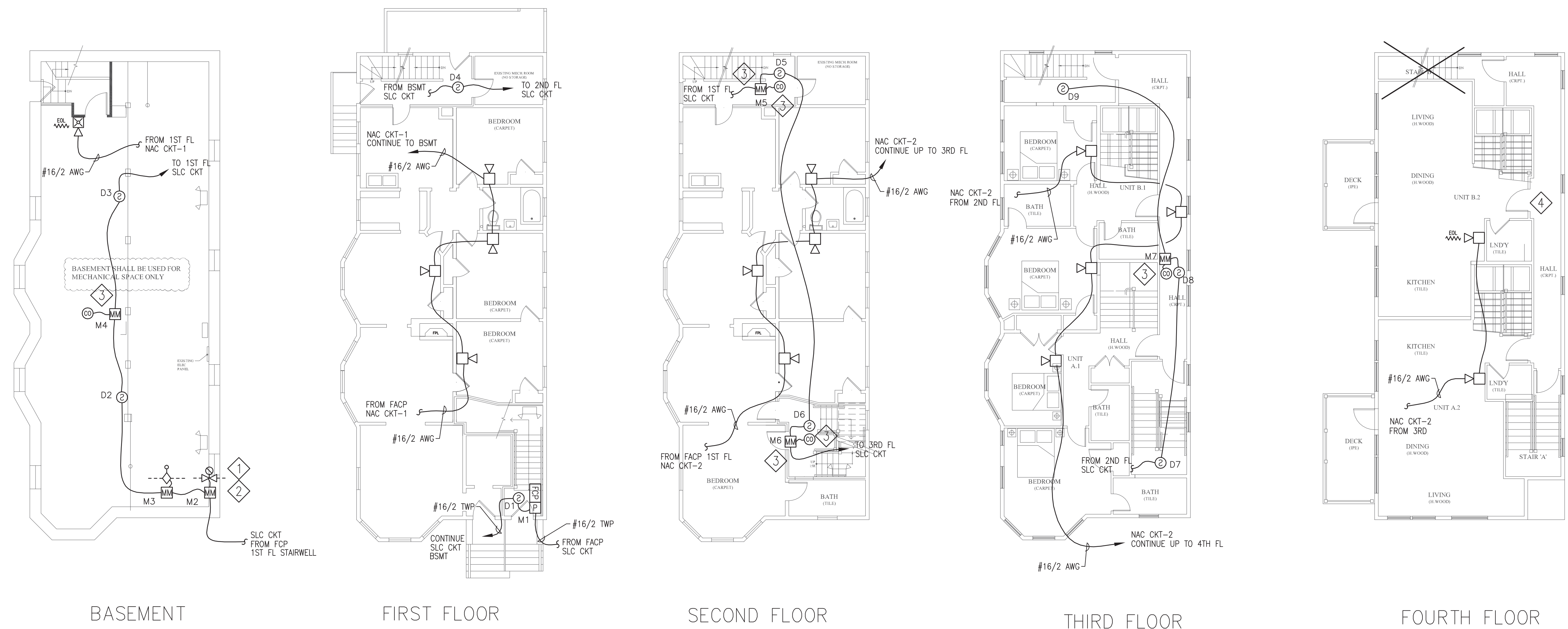
1. 110 VAC SMOKE DETECTORS (SD/CO) WILL BE SUPPLIED & INSTALLED BY OTHERS. NOT CONNECTED TO FIRE ALARM SYSTEM - WILL NOT SOUND GENERAL ALARM
2. INSTALLATION SHALL COMPLY WITH NEC, NFPA 72 AND ALL OTHER APPLICABLE CODES AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
3. WIRING DEPICTED ON THESE PLANS IS SCHEMATIC - ACTUAL WIRE LOCATIONS MAY DIFFER FROM THESE PLANS. WIRING SHALL BE PERFORMED AS ACTUAL BUILDING CONSTRUCTION CONDITIONS ALLOW AND TO MINIMIZE PENETRATIONS THROUGH AREA SEPARATION WALLS AND FIRE WALLS. THE USE OF A RACEWAY IS PERMITTED AS LONG AS NO 110V OR HIGHER VOLTAGE CABLES ARE IN THE SAME RACEWAY.
4. POWER FOR ALL FIRE ALARM PANELS AND FIRE ALARM POWER SUPPLIES MUST BE PROVIDED BY A DEDICATED AC BRANCH CIRCUIT.
5. POWER-LIMITED AND NONPOWER-LIMITED CIRCUIT WIRING MUST REMAIN SEPARATED IN CABINET. ALL POWER-LIMITED CIRCUIT WIRING MUST REMAIN AT LEAST 0.25" AWAY FROM ANY NONPOWER-LIMITED CIRCUIT WIRING. FURTHERMORE, ALL POWER-LIMITED AND NONPOWER-LIMITED CIRCUIT WIRING MUST ENTER AND EXIT THE CABINET THROUGH DIFFERENT KNOCK OUTS AND/OR SEPARATE CONDUITS.
6. SMOKE DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER CONSTRUCTION CLEAN-UP IS COMPLETED AND FINAL.
7. LOCATE SMOKE DETECTORS A MINIMUM OF THREE (3) FEET FROM MECHANICAL DIFFUSERS. WALL-MOUNTED SMOKE DETECTORS SHALL BE LOCATED A MINIMUM OF 4" AND A MAXIMUM OF 12" FROM CEILING. CEILING-MOUNTED SMOKE DETECTORS SHALL BE MOUNTED ON CEILINGS AND NOT ON THE BOTTOMS OF BEAMS OR JOISTS.

OPERATIONS MATRIX		FIRE ALARM OUTPUT	ACTIVATE ALARM INDICATOR	ACTIVATE HORN/STROBE DEVICES	ACTIVATE SUPERVISORY INDICATOR	ACTIVATE AUDIBLE SUPERVISORY SIGNAL	ACTIVATE TROUBLE INDICATOR	ACTIVATE AUDIBLE TROUBLE INDICATOR	TRANSMIT ALARM SIGNAL	TRANSMIT SUPERVISORY SIGNAL	ACTIVATE TROUBLE SIGNAL	ACTIVATE SOUNDER BASE
FIRE ALARM INPUT												
PULL STATION												
SMOKE DETECTOR												
CO DETECTOR												
HEAT DETECTOR												
FLOW SWITCH												
TAMPER SWITCH												
FIRE ALARM AC POWER FAIL												
FIRE ALARM LOW BATTERY												
OPEN CIRCUIT												
GROUND FAULT												
NAC SHORT CIRCUIT												
LOSS OF AC TO BUILDING												

FIRE ALARM SYMBOL LEGEND		
NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT		
SYMBOL	DESCRIPTION	MOUNTING
FCP	FIRE ALARM CONTROL PANEL	WALL-TOP @ 66"
MM	ADDRESSABLE MONITOR MODULE	FIELD VERIFY
SD	SMOKE DETECTOR	CEILING
CD	CARBON MONOXIDE DETECTOR	CEILING
LD	HEAT DETECTOR	CEILING
P	MANUAL PULL STATION	WALL @ 48"
---	SPRINKLER FLOW SWITCH	BY OTHERS
---	SPRINKLER TAMPER SWITCH	BY MOTETS
⊠	HORN/STROBE	WALL 80"-96"
⊠	MINI HORN	WALL 80"-96"
⊠	STROBE	WALL 80"-96"

ABBREVIATION	DESCRIPTION
E	EXISTING
G	WITH GUARD
P	PENDENT MOUNT
R	RESIDENTIAL (110V)
S	SOUNDER BASE
WP	WEATHER PROOF
EOL	END OF LINE RESISTOR
EOLR	END OF LINE RELAY
AWG	AMERICAN WIRE GAUGE
TWP	TWISTED PAIR
TWSP	TWISTED SHIELDED PAIR
FPLP	FIRE POWER LIMITED PLENUM
FPLR	FIRE POWER LIMITED RISER

REVISION	DATE	DESCRIPTION
0	3/11/2013	ISSUED FOR REVIEW & APPROVAL
1	3/27/2013	ADD SMOKE & CO DETECTORS
2	3/29/2013	REMOVE CORRIDOR SMOKE DET- 4th FL



MAINE STATE SECURITY ALARMS

Phone: (207) 247-4371
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43 CUMBERLAND AVE APARTMENTS
41 CUMBERLAND AVE
PORTLAND, MAINE
FIRE ALARM SYSTEM

DRAWN	JS UNICAD #13091
CHECKED	WAYNE HAWES NICET N 90496
DATE	2/29/2013
REVISION	0
SCALE	1/8"=1FT

Shop drawings created by:
5794 W. 4600 St.
Hudson, VT 05145
Office: 801.985.0410

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FA-1