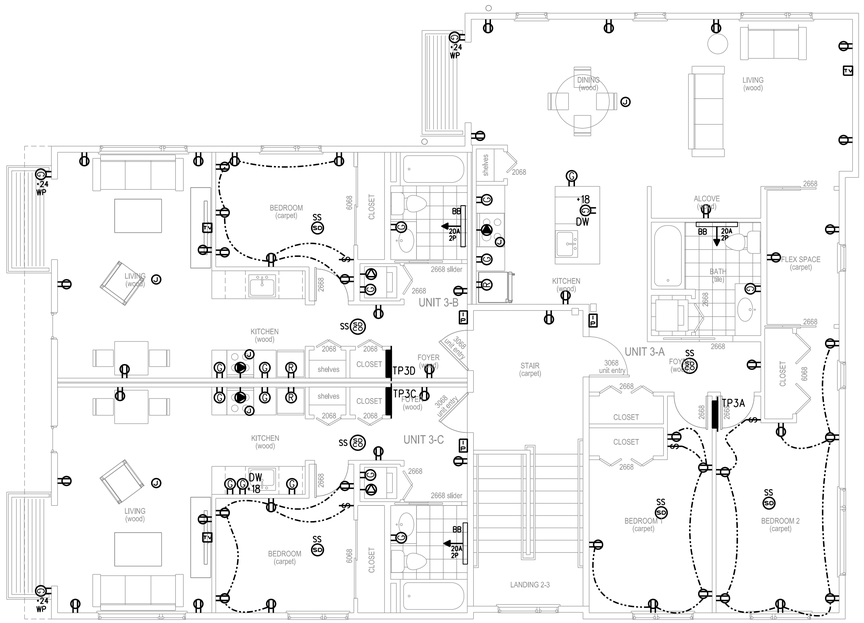
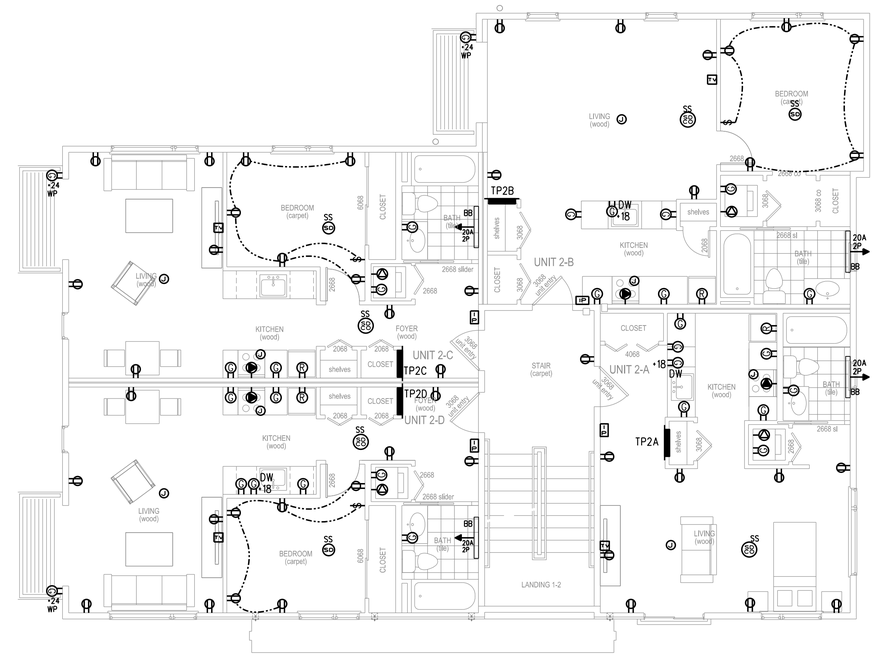




WORK NOTES

1. CONTRACTOR SHALL REFER TO DWG E4.01 FOR CIRCUITING INFORMATION.

2. RESIDENTIAL LOAD CENTERS
LOAD CENTERS LOCATED IN HANDICAP APARTMENTS SHALL BE MOUNTED SO NO CIRCUIT BREAKER HANDLE IS MORE THAN 48 INCHES AFF.

3. FIRE ALARM SYSTEM STROBES
ALL ROOMS IN HANDICAP DESIGNATED APARTMENTS SHALL HAVE FIRE ALARM SYSTEM STROBES, 177CD IN SLEEPING ROOMS AND 15CD IN ALL OTHERS.

4. FAN/LIGHT SWITCHES FOR OVEN HOODS
OVEN HOODS IN HANDICAP DESIGNATED APARTMENTS SHALL HAVE FAN AND LIGHT SWITCHES MOUNTED AT COUNTER HEIGHT 48 AFF.

5. DOOR BELL AND STROBE
PROVIDE A STROBE LIGHT THAT IS OPERATED BY A DOOR BELL BUTTON AT THE ENTRANCE OF HANDICAP DESIGNATED APARTMENTS

UNIT FIRE ALARM NOTES:

1. SUPERVISED CENTRAL SYSTEM ACTIVATION ALL SYSTEM AUDIO/VISUAL AND VISUAL ONLY DEVICES SHALL ALARM.

2. WHEN UNIT SMOKE DETECTOR GOES INTO ALARM ALL SINGLE STATION AUDIO/VISUAL AND VISUAL ONLY DEVICES WITHIN THAT UNIT WILL ACTIVATE. THIS WILL NOT ACTIVATE THE ENTIRE BUILDING SYSTEM.

3. NOT USED

4. CARBON MONOXIDE DETECTORS (120V) IN RESIDENCES SHALL BE INSTALLED AT LEAST 10 FEET FROM ANY HEAT SOURCE.

5. INTERCONNECT ALL SINGLE STATION 120 VOLT CARBON MONOXIDE (CO) AND SMOKE DETECTORS WITHIN EACH LIVING UNIT. ALL INTERCONNECTED DETECTORS SHALL BE ON THE SAME CIRCUIT FOR PROPER OPERATION. REFER TO MANUFACTURER'S INSTALLATION MANUAL AND MOUNT DETECTORS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CO DETECTORS SHALL HAVE AN ALARM SOUND THAT IS DIFFERENT THAN THE LIVING UNIT SMOKE DETECTORS AND FIRE ALARM SYSTEM ALARMS.

AUDIBLE ALARM Db LEVELS SHALL COMPLY WITH NFPA 72.

6. A/V DEVICES IN BEDROOMS SHALL BE 75Db AND 15Cd. STROBES SHALL BE 177Cd FOR HEARING IMPAIRED.

GENERAL NOTES:

1. SWITCHES, OUTLETS, TEL JACKS AND TV JACKS TO BE STAGGERED IN COMMON WALLS BETWEEN UNITS TYPICAL. PROVIDE PUTTY PADS IN INSTANCES WHERE DEVICES CANNOT BE PROPERLY STAGGERED.

2. CONTRACTOR SHALL ROUGH IN BOXES IN ONE OF EACH UNIT TYPE FOR REVIEW IN THE FIELD BY THE OWNER.

3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN TO COORDINATE THE LOCATION OF LIGHTING FIXTURES.

4. ALL PRODUCTS OF COMBUSTION DETECTORS (SMOKE DETECTORS) SHALL PROVIDE BOTH AUDIO AND VISUAL ALARMS.

5. SWITCHES FOR RANGE HOOD FAN AND LIGHT SHALL BE MOUNTED AT COUNTER HEIGHT.

6. ELECTRICAL PANELS SHALL BE MOUNTED WITH THE TOP BREAKER NOT HIGHER THAN 48" AFF FOR ADA UNITS, ALL NON ADA UNITS 72".

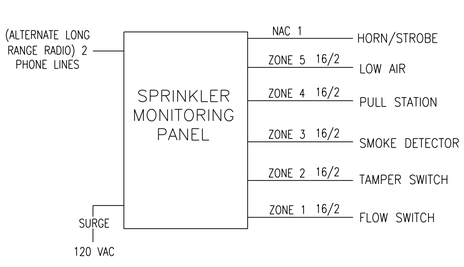
7. UNIT THERMOSTATS SHALL BE MOUNTED NOT HIGHER THAN 48" AFF FOR ADA UNITS, ALL NON ADA UNITS 72".

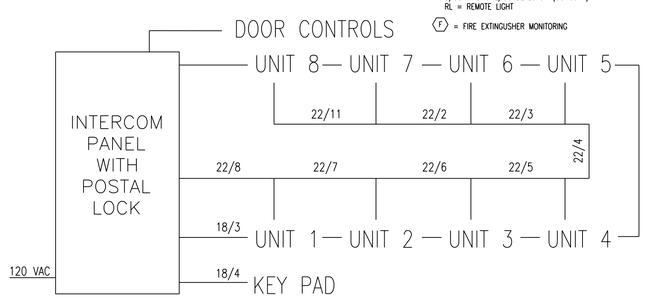
(1) GENERAL NOTES:
A. FIRE ALARM SYSTEM WIRING SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, APPLICABLE STATE AND LOCAL CODES, AND SHALL BE COORDINATED WITH THE LOCAL AUTHORITY HAVING JURISDICTION.
B. CAUTION: DO NOT CONNECT ANY POWER TO THE CONTROL PANEL (BATTERIES OR 120V AC) UNTIL ALL OTHER FIELD WIRING IS TESTED AND CONNECTED.
C. DO NOT INSTALL FIRE ALARM CONTROL PANEL OR SMOKE DETECTORS IN AN UNHEATED AREA.
D. DO NOT INSTALL ANY AC CURRENT-CARRYING CONDUCTORS CLOSE TO OR IN THE SAME RACEWAY WITH FIRE ALARM SYSTEM CONDUCTORS.
E. SOLID LINES REPRESENT CONNECTIONS TO BE MADE BY THE SYSTEM INSTALLER.
F. ALL RELAYS ARE SHOWN IN NORMAL SUPERVISORY CONDITION. ALL RELAYS ARE FORM "C" TYPE.
G. STROBES INSTALLED IN BEDROOMS SHALL BE LOCATED IN A SYMMETRICAL MANNER DOWWN CENTER OF HALL WAY WHEN POSSIBLE

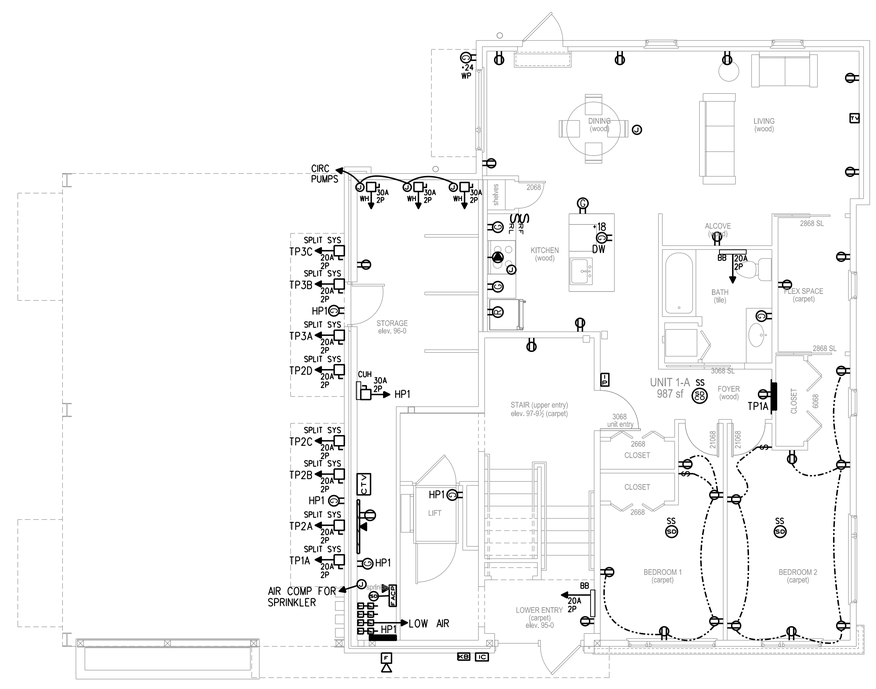
INSTALLATION NOTES
A. SMOKE DETECTORS SHALL NOT BE MOUNTED ANY CLOSER THAN 3' FROM ANY AIR DUCT OPENINGS
B. ELEVATOR LOBBY SMOKE DETECTORS SHALL BE MOUNTED WITHIN 10' OF THE ELEVATOR DOOR
C. MANUAL PULL STATIONS SHALL BE MOUNTED PER ADA REQUIREMENTS: 48" AFF OR 42" AFF TO COMPLY WITH SIDE/FRONT REACH REQUIREMENTS
D. WALL MOUNTED HORN/STROBES & STROBES SHALL BE MOUNTED 6" FROM CEILING, OR 96" TO 80" AFF TO THE CENTER OF STROBE
E. HORN/STROBES & STROBES SHALL BE MOUNTED 15' FROM THE CORNER OF THE WALL. IF THIS IS NOT POSSIBLE, DEVICE SHALL BE CENTERED ON THAT WALL.
F. CEILING MOUNTED HALLWAY DEVICES SHALL BE LOCATED IN A SYMMETRICAL MANNER DOWN CENTER OF HALLWAY WHEN POSSIBLE

(2) SEE INITIATION CIRCUITS AND NAC CIRCUITS FOR INTEGRATION OF BOTH SLC AND NAC CIRCUITS
(3) ALL CABLING IS 14/2 FOR THE NAC CIRCUITS UNLESS OTHERWISE SHOWN
(4) ALL CABLING IS 16/2 FOR THE SLC CIRCUITS UNLESS OTHERWISE SHOWN
(5)
AC = ALARM CONTROL MODULE
R – ARM = ADDRESSABLE RELAY MODULE
AV = AUDIO VISUAL DEVICE
(SET TO 75cd UNLESS NOTED OTHERWISE)
B = EXTERIOR BEACON
CO = CO DETECTOR
D = DUAL MODULE
DUCT=DUCT DETECTOR MINI MODULE
F = FLOW
FACP = MAIN FIRE PANEL
FS = FIRESMART SMOKE DETECTOR
H = HEAT DETECTOR
I = ISOLATION MODULES
T.S. = TWISTED SHELDED
S/CO = SMOKE/CO DETECTOR (00HC941)
RL = REMOTE LIGHT
(F) = FIRE EXTINGUSHER MONITORING

K = KNOX BOX
LP = LOW AIR
MM = MINI MODULE
P = PULL STATION MINI MODULE
PS = PRESSURE SWITCH
RI = REMOTE INDICATOR
S = SMOKE
SA = SMOKE WITH AUDIBLE BASE
T= TAMPER
TS = TEST SWITCH
V = VISUAL DEVICE ONLY
(SET TO 75cd UNLESS NOTED OTHERWISE)
MH = MINI HORN
RTS = REMOTE TEST MODULE
PS = PULL STATION
CL = CORRIDOR LIGHT
CO = CO DETECTOR (REQUIRES 24 VDC POWER)
SCM = INPUT MODULE







Developer
Tate Street Partnership, LLC
17 Chestnut Street
Portland Maine, 04101

Kevin's Electric
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MEP: Design/Build

BENNETT ENGINEERING
MECHANICAL • ELECTRICAL
(207) 780-0445

Project:
West Port Lofts Condominiums
8 Unit Apartment Building
22-28 Tate Street, Portland Maine, 04101

Tax Map 44, Block E, Lots 15,17, &19

07/05/2016 Corrected Electrical

Date:
May 24, 2016

Power Plans

E3.01