RESCUE ASSISTANCE SYSTEM RISER DIAGRAM

NOTE: ALL WIRING SHALL BE UL 2-HOUR FIRE RESISTIVE.

RELATED EQUIPMENT

JUNCTION BOX FIRE FIRE SMOKE DAMPER RESCUE ASSISTANCE ANNUNCIATOR (CORNELL COMMUNICATIONS, INC.: A-4204

OR APPROVED EQUAL) RESCUE ASSISTANCE CALL STATION (CORNELL COMMUNICATIONS, INC.: 4201B/VM 4202 OR APPROVED EQUAL)

TELEPHONE ACCESS KIT (CORNELL COMMUNICATIONS, INC.: TAK-4208 OR APPROVED EQUAL)

<u>LEGEND</u>

HEAT DETECTOR/SENSOR

SMOKE DETECTOR/SENSOR LOCAL SMOKE DETECTOR/SENSOR (120V)

SMOKE/HEAT DETECTOR/SENSOR COMBINATION

SMOKE DETECTION/SENSOR FOR DUCT WF FLOW DETECTOR/SWITCH TS TAMPER DETECTOR/SWITCH

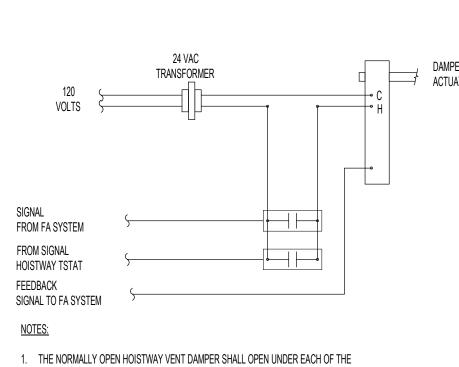
PS PRESSURE DETECTOR/SWITCH AIM ADDRESSABLE INPUT MODULE AIO ADDRESSABLE INPUT/OUTPUT MODULE FACP FIRE ALARM CONTROL PANEL FAA FIRE ALARM ANNUNCIATOR

NAC NOTIFICATION CIRCUIT POWER BOOSTER PANEL BATT BATTERY CABINET FATC FIRE ALARM TERMINAL CABINET

S SPEAKER ONLY CD COMBINATION SPEAKER/VISIBLE
CD = CANDELA RATING/SETTING
C = CEILING MOUNT

RI REMOTE INDICATOR - WALL MOUNT

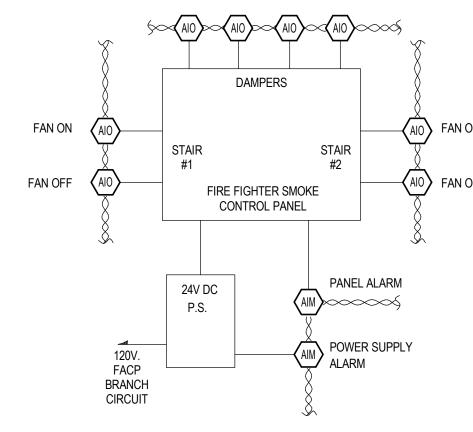
RTS REMOTE ALARM INDICATING AND TEST SWITCH FIREFIGHTER TELEPHONE



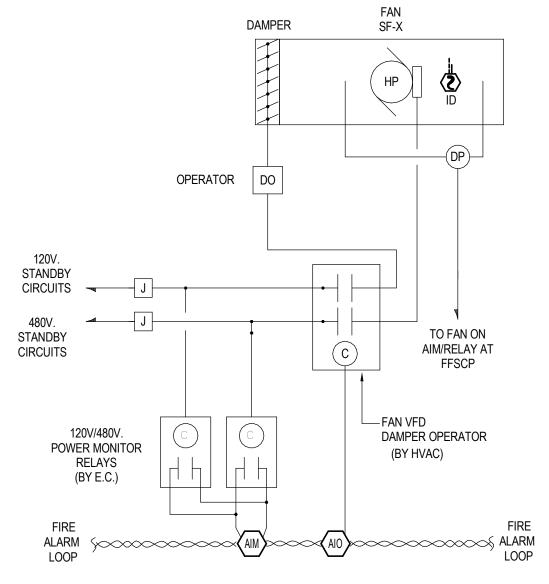
1. THE NORMALLY OPEN HOISTWAY VENT DAMPER SHALL OPEN UNDER EACH OF THE FOLLOWING CONDITIONS: a) BY A SIGNAL FROM BMS HOISTWAY TEMP MONITOR TO OPEN AT 90 DEGREES F.

b) BY A SIGNAL FROM THE FIRE ALARM SYSTEM. c) IN THE EVENT OF A POWER FAILURE. 2. A SIGNAL SHALL BE SENT TO THE FIRE ALARM PANEL IF UNDER THE ABOVE CONDITIONS

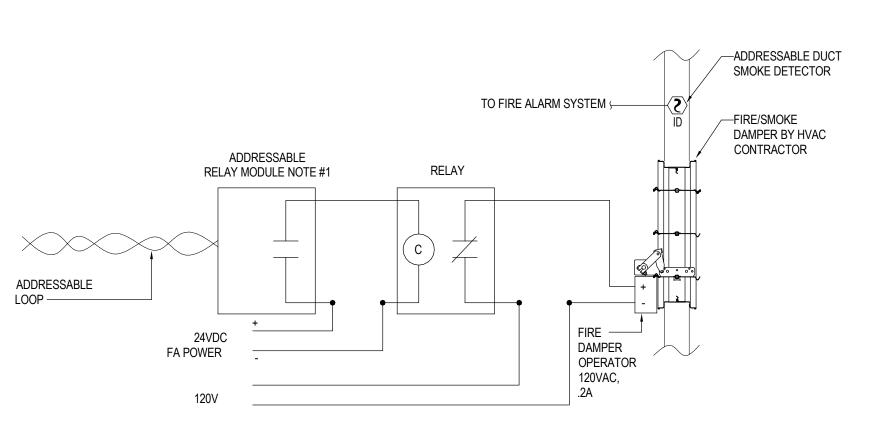
HOISTWAY VENT DAMPER SEQUENCE



STAIRWELL PRESSURIZATION FAN CONTROL PURGE PANEL



STAIRWELL PRESSURIZATION DAMPER/FAN CONTROL AND POWER MONITORING



FIRE/SMOKE DAMPER WIRING DIAGRAM

MODULE SHALL BE PROGRAMMED TO OPERATE UPON SMOKE DETECTION BY ASSOCIATED DEVICE (SEE HVAC SEQUENCES) (DUCT SMOKE/AREA SMOKE).

PERKINS

225 Franklin Street, Suite 1100 Boston, MA 02110

t 617.478.0300 f 617.478.0321 www.perkinswill.com



22 Bramhall Street Portland, ME 04102

CONSULTANTS

CIVIL/ LANDSCAPE ARCHITECT Sebago Technics 75 John Roberts Road , Suite

1A, South Portland, ME 04106 STRUCTURAL ENG/ BUILDING ENVELOPE CONSULTANT Simpson Gumpertz & Heger Inc.

41 Seyon Street, Building 1, Suite 500, Waltham, MA 02453 MEPFP ENGINEER/ CODE AKF Group LLC

99 Bedford Street, 2nd Floor, Boston MA 02111 CONSTRUCTION MANAGER

2 Seaport Lane, Suite 200, Boston, MA 02210 ELEVATOR CONSULTANT VDA (Van Deusen & Associates)

101 Summer Street, 4th Floor, Boston MA

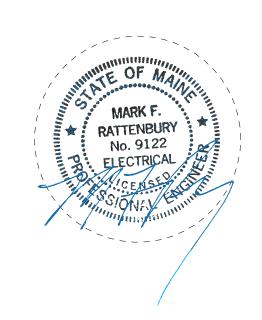
Turner Construction

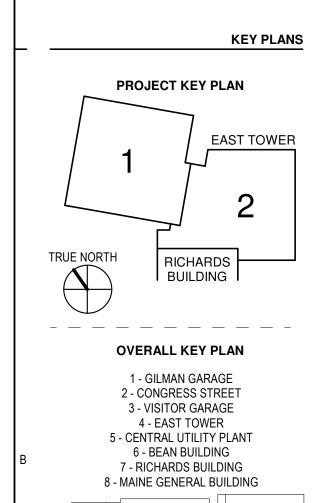
02110

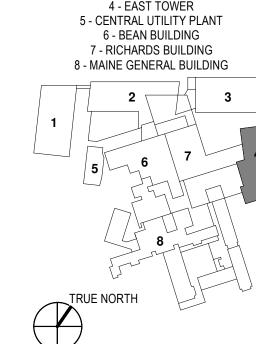
COST ESTIMATOR D. G. Jones International 3 Baldwin Green Common, Suite 202, Woburn, MA 01801

PROJECT TITLE

East Tower 6 & 7 **Addition** 22 Bramhall Street Portland, ME 04102







CONSTRUCTION DOCUMENTS JANUARY 26, 2018

NO	ISSUE	03/29/18 DATE
Job Number		B150312-000
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TITLE **FIRE ALARM RISER**

DIAGRAM

SHEET NUMBER FA20-02

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