	6	I	
IRF AI AI	RM SYMBOLS LIST		
	NITS (PANELS) SYMBOLS	NOTIFICATIO	ON APPLIANCES SYMBOLS
FACP	FIRE ALARM CONTROL PANEL		NOTIFICATION APPLIANCE SUBSCRIPTS ('XX')
DGP	FIRE ALARM DATA GATHERING PANEL	□xx	WP = WEATHERPROOF WG = WIRE GUARD
TPR#	FIRE ALARM TRANSPONDER # = TRANSPONDER NUMBER		H = HIGH AUDIBLE SETTING L = LOW AUDIBLE SETTING C = CEILING MOUNT
FAA	FIRE ALARM ANNUNCIATOR		nW = WATTAGE SETTING (n = SPEAKER TA P = PENDENT
NAC	NOTIFICATION CIRCUIT POWER BOOSTER PANEL		SL = SIGNAL LIGHT RI = REMOTE INDICATOR
FATC	FIRE ALARM TERMINAL CABINET	сĦД	HORN ONLY
BATT	BATTERY CABINET	_	C = CEILING MOUNT
EVAC	VOICE EVACUATION CONTROL UNIT	c s	SPEAKER ONLY C = CEILING MOUNT
MIC	REMOTE VOICE EVACUATION MICROPHONE		BELL - SINGLE STROKE
GAP	GRAPHIC ANNUNCIATOR PANEL		BELL - TROUBLE
UPS	UNINTERRUPTIBLE POWER SUPPLY	GO	GONG
CRT	CRT	CO	VISIBLE ONLY (STROBE) - WALL MOUNT CD = CANDELA RATING/SETTING
PRN	PRINTER		VISIBLE ONLY (STROBE) - CEILING MOUNT
ECCU	EMERGENCY COMMUNICATIONS CONTROL UNIT	Ø CD	CD = CANDELA RATING/SETTING
FSCPXX	FIRE SUPPRESSION CONTROL PANEL, 'XX' DENOTES SUPPRESSION TYPE: PA = PRE-ACTION	CD ♥	COMBINATION HORN/VISIBLE CD = CANDELA RATING/SETTING C = CEILING MOUNT
FSCUXX	HL = HALON CA = CLEAN AGENT GAS FIRE SUPPRESSION CONTROL UNIT, 'XX' DENOTES	CD ▼ CC	COMBINATION SPEAKER/VISIBLE CD = CANDELA RATING/SETTING C = CEILING MOUNT
<u>[</u>	SUPPRESSION TYPE: PA = PRE-ACTION	RI	REMOTE INDICATOR - WALL MOUNT
	HL = HALON CA = CLEAN AGENT GAS	RTS	REMOTE ALARM INDICATING AND TEST SWITCH
AMP	AMPLIFIER RACK	RI	REMOTE INDICATOR - CEILING MOUNT
ACU	AUTONOMOUS CONTROL UNIT	, ,	AL LIDA (EN E
ESR	ELEVATOR STATUS/RECAL	RELATED EC	<u> UIPMENI</u>
DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER	DH	DOOR HOLDER
PP	POST-FIRE SMOKE PURGE PANEL	DCL	DOOR CLOSER
SAP	SPRINKLER ALARM PANEL	(S) DCL	INTEGRATED SMOKE SENSOR AND DOOR CLOS
SCP	FIREFIGHTER'S SMOKE CONTROL PANEL	- WV-	END OF LINE RESISTOR
RACS	REMOTE ACCESS CONTROL STATION	C x	FIRE SERVICE OR EMERGENCY PHONE STATIO 'X' DENOTES TYPE: J = JACK H = HANDSET A = ACCESSIBLE
	ATING DEVICES & ACTIVATION	ISO	ISOLATOR MODULE (STYLE 6 OR 7 FAULT PROTECTION)
<u>SWITCHES S</u>		()	JUNCTION BOX
XX	MANUAL STATION - PULL STATION/FIRE ALARM BOX, 'XX' DENOTES TYPE: CO2 = CARBON DIOXIDE		AIR SAMPLING DETECTOR PIPING (E.G. VESDA)
	DC = DRY CHEMICAL HL = HALON F = FIRE ALARM	POWER SYM	IBOLS
	FO = FOAM WC = WET CHEMICAL CA = CLEAN AGENT	0	CEILING MOUNTED JUNCTION BOX WITH FINAL CONNECTION
	WM = WATER MIST DL = DELUGE FIRE SPRINKLER PRE = PREACTION	Ф	FLUSH WALL MOUNTED JUNCTION BOX WITH F EQUIPMENT CONNECTION
	ABORT SWITCH, 'XX' DENOTES TYPE:	J	FLUSH FLOOR MOUNTED JUNCTION BOX
[AA]	CO2 = CARBON DIOXIDE DC = DRY CHEMICAL		PULLBOX
	HL = HALON F = FIRE ALARM	<u> </u>	DROP CORD RECEPTACLE
	FO = FOAM		

FO = FOAM WC = WET CHEMICAL

CA = CLEAN AGENT WM = WATER MIST

DL = DELUGE FIRE SPRINKLER PRE = PREACTION

ORIENTATION NOT TO BE CHANGED

R/C = RATE COMPENSATION F = FIXED TEMPERATURE

R = RATE OF RISE ONLY

HEAT DETECTOR - LINE TYPE

AS = AIR SAMPLING P = PHOTOELECTRIC I = IONIZATION R = RELAY BASE

SS = SINGLE STATION SB = SOUNDER BASE ID = IN DUCT E = ELEVATOR RECALL

HEAT DETECTOR/SENSOR (THERMAL DETECTION)

R/F = COMBINATION RATE OF RISE/FIXED TEMPERATURE

HEAT DETECTOR/SENSOR, 'XX' DENOTES TYPE:

SMOKE DETECTOR/SENSOR, 'XX' DENOTES TYPE:

SMOKE/HEAT DETECTOR/SENSOR COMBINATION

SMOKE DETECTOR/SENSOR - BEAM TRANSMITTER

SMOKE DETECTOR/SENSOR - BEAM RECEIVER

GAS DETECTOR/SENSOR, 'XX' DENOTES TYPE:

SMOKE DETECTION/SENSOR FOR DUCT

CO = CARBON MONOXIDE CO2 = CARBON DIOXIDE

CH4 = METHANE

IR = NFRARED

FLOW DETECTOR/SWITCH

PRESSURE DETECTOR/SWITCH

VALVE SUPERVISORY SWITCH

HIGH TEMPERATURE SWITCH

LOW TEMPERATURE SWITCH

ADDRESSABLE INPUT MODULE

ADDRESSABLE OUTPUT MODULE

NON-ADDRESSABLE OUTPUT RELAY

FIRE SMOKE DAMPER

HI = HIGH LO = LOW

LEVEL DETECTOR/SWITCH, 'XX' DENOTES TYPE:

ADDRESSABLE INPUT/OUTPUT MODULE
DENOTES NUMBER OF INPUTS AND OUTPUTS

HCL = HYDROGEN CHLORIDE

FLAME DETECTOR, 'XX' DENOTES TYPE: UV = ULTRAVIOLET

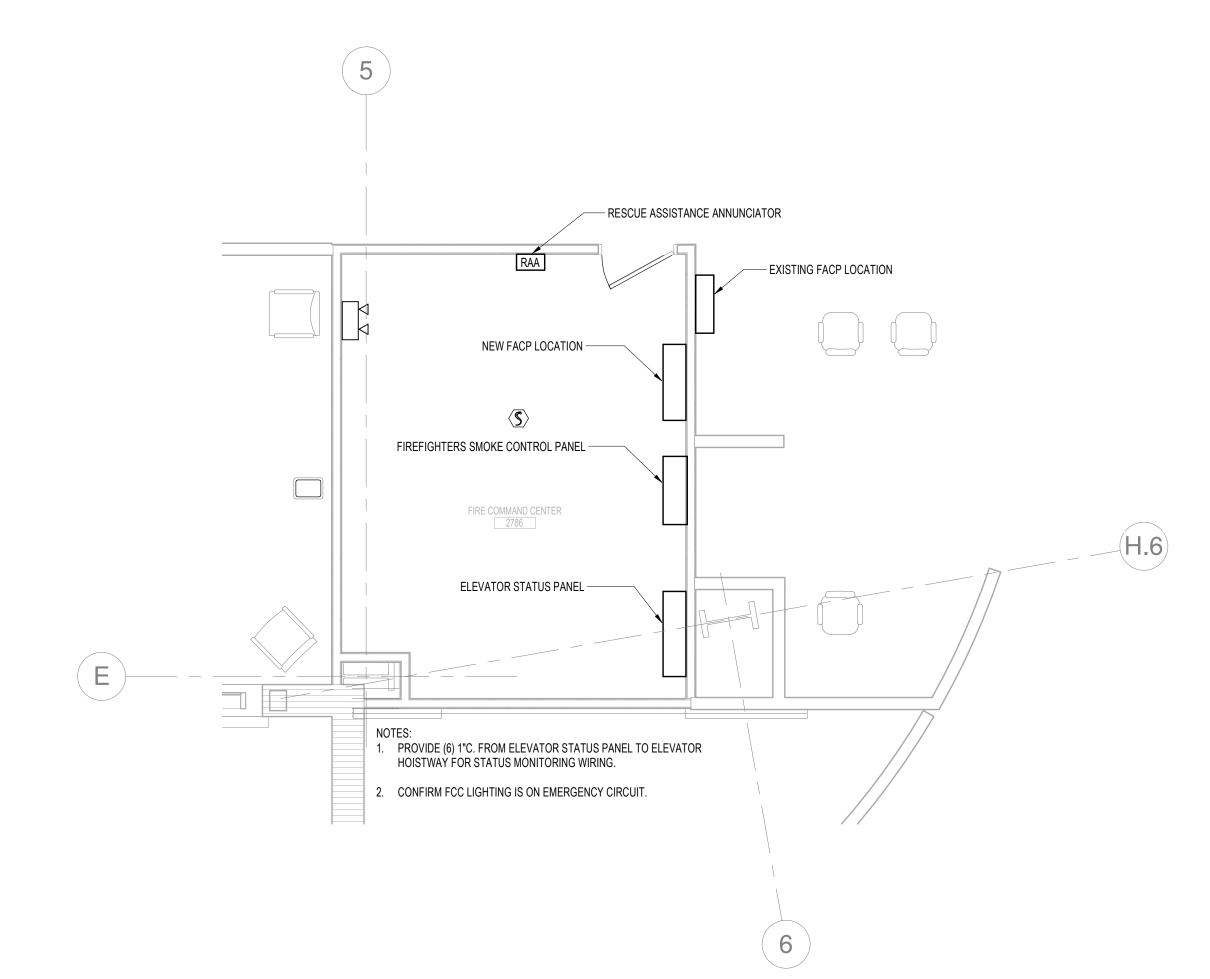
VR = VISIBLE RADIATION

UV/IR = COMBINATION ULTRAVIOLET/INFRARED

CD ▼	COMBINATION SPEAKER/VISIBLE CD = CANDELA RATING/SETTING C = CEILING MOUNT
RI	REMOTE INDICATOR - WALL MOUNT
RTS	REMOTE ALARM INDICATING AND TEST SWITCH
RI	REMOTE INDICATOR - CEILING MOUNT
RELATED EQUI	<u>PMENT</u>
DH	DOOR HOLDER
DCL	DOOR CLOSER
(S) DCL	INTEGRATED SMOKE SENSOR AND DOOR CLOSER
- W\-	END OF LINE RESISTOR
C x	FIRE SERVICE OR EMERGENCY PHONE STATION STATIO 'X' DENOTES TYPE: J = JACK H = HANDSET
	A = ACCESSIBLE
ISO	ISOLATOR MODULE (STYLE 6 OR 7 FAULT PROTECTION)
①	JUNCTION BOX
	AIR SAMPLING DETECTOR PIPING (E.G. VESDA)
POWER SYMBO	<u>DLS</u>
0	CEILING MOUNTED JUNCTION BOX WITH FINAL EQUIPME CONNECTION
\bigcirc	FLUSH WALL MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
J	FLUSH FLOOR MOUNTED JUNCTION BOX
	PULLBOX
©	DROP CORD RECEPTACLE
□p	POWER POLE
□PS	SPECIAL POWER POLE
(P)	JUNCTION BOX FOR CONNECTION TO POWER POLES MOUNTED ABOVE HUNG CEILING
	EXISTING CONDUIT TO BE REMOVED
	EXISTING CONDUIT/EQUIPMENT TO REMAIN
	NEW CONCEALED CONDUIT
	NEW EXPOSED CONDUIT
	NEW UNDERGROUND/IN SLAB CONDUIT
	NEW EMERGENCY CONDUIT
 0	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	CONDUIT STUB-UP WITH FLEXIBLE EQUIPMENT CONNECTION
	FLEXIBLE EQUIPMENT CONNECTION
	CAPPED CONDUIT

nW = WATTAGE SETTING (n = SPEAKER TAP)

									Ω									1
	NOTES: 1. EVAC TONE ON ALARM FLOOR AND FLOOR ABOVE. 2. IN THE EVENT OF AN ALARM, IF THE ALARM IS NOT SILENCED WITHIN 45 SECONDS, THE INQUIRE TONE WILL SOUND THROUGHOUT ALL FLOORS OF THE BUILDING AND SEQUENCE WITH THE EVAC TONE ON THE FLOOR OF ALARM AND FLOOR ABOVE EVERY 30 SECONDS UNTIL THE ALARM IS ACKNOWLEDGE AT THE FIRE COMMAND STATION. 3. DETECTION ADJACENT STAIR DOORS.	DISPLAY AN AUDIBLE & VISUAL ALARM SIGNAL AT THE FIRE COMMAND STATION	DISPLAY AN AUDIBLE & VISUAL TROUBLE SIGNAL AT THE FIRE COMMAND STATION	DISPLAY AN AUDIBLE & VISUAL SUPERVISORY SIGNAL AT THE FIRE COMMAND STATION	DISPLAY AN AUDIBLE & VISUAL ALARM SIGNAL AT REMOTE ANNUCIATOR PANEL(S)	PRINT CHANGE IF STATUS AT FIRE ALARM SYSTEM PRINTER(S)	ACTIVATE SPEAKERS & STOBES THROUGHOUT THE FLOOR ALARM, FLOOR ABOVE & BELOW	SOUND AN INQUIRY TONE ON THE FLOORS WHERE AN EVACUATION TONE OR LIVE VOICE ANNOUCEMENT IS NOT SOUNDING	SHUT DOWN HVAC UNITS WITH A RATED CAPACITY OF 2,000 CFM OR GREATER LOCATED ON OR SERVING THE FLOOR OF ALARM ACTIVATED	CLOSE ASSOCIATED FLOOR FIRE SMOKE DAMPERS	ACTIVATE REMOTE LED IF DETECTOR IS INACCESSIBLE OR NOT VISIBLE (E.G. ABOVE FINISHED CEILING)	INITIATE PHASE 1 EMERGENCY OPERATIONS ("RECALL") OF ALL ELEVATORS TO RECALL FLOOR	RECALL ELEVATORS TO ALTERNATE FLOOR	RELEASE ALL DOORS WITH MAGNETIC HOLD-OPEN DEVICES	UNLOCK ALL ELECTRICALLY LOCKED DOORS IN THE INGRESS AND EGRESS PATH	SEND ALARM SIGNAL TO AN CENTRAL STATION MONITORING COMPANY	SEND TROUBLE/SUPERVISORY SIGNAL TO AN CENTRAL STATION MONITORING COMPANY	
		А	В	С	D	Е	F	G	Н	I	J	K	L	М	N	0	Р	•
1	MANUAL PULL STATIONS	•			•	•	•	•						•		•		
2	AREA SMOKE DETECTORS	•			•	•	•	•	•					•	•	•		
3	CORRIDOR SMOKE DETECTORS	•			•	•	•	•	•	•				•	•	•		
4	ELEVATOR LOBBY /MACHINE ROOM SMOKE DETECTOR	•		•	•	•	•	•	•			•		•	•	•		
5	ELEVATOR LOBBY /MACHINE ROOM SMOKE DETECTOR RECALL FLOOR	•		•	•	•	•	•	•				•	•	•	•		
6	WATER FLOW	•			•	•	•	•	•			•		•	•	•		1
7	VALVE SUPERVISORY TAMPER SWITCH			•	•	•											•	
8	DUCT MOUNTED SMOKE DETECTOR	•			•	•	•	•	•		•			•	•	•		†
9	FIRE ALARM SYSTEM TROUBLE (E.G. CIRCUIT FAULT, BATTERY FAULT, POWER LOSS, ETC.)		•		•	•											•	1
10	MANUAL CONTROL FROM FIRE COMMAND CENTER			•	•	•									•		•	
11	ACTIVATION OF FIREMANS SERVICE KEY											•		•	•			1
12	FOAM SUPPRESSION SYSTEM INITIATION	•					•					•						+



FIRE ALARM COMMAND CENTER

SCALE: 1/4" = 1'-0"

STRUCTURAL ENG/ BUILDING ENVELOPE CONSULTANT 41 Seyon Street, Building 1, Suite 500, 99 Bedford Street, 2nd Floor, Boston MA 02111 2 Seaport Lane, Suite 200, Boston, MA 02210 VDA (Van Deusen & Associates) 101 Summer Street, 4th Floor, Boston MA 3 Baldwin Green Common, Suite 202, Woburn, MA 01801 East Tower 6 & 7 PROJECT KEY PLAN **OVERALL KEY PLAN** 1 - GILMAN GARAGE 2 - CONGRESS STREET 3 - VISITOR GARAGE 4 - EAST TOWER 5 - CENTRAL UTILITY PLANT 6 - BEAN BUILDING 7 - RICHARDS BUILDING 8 - MAINE GENERAL BUILDING CONSTRUCTION DOCUMENTS JANUARY 26, 2018

PERKINS

225 Franklin Street, Suite 1100

22 Bramhall Street

Portland, ME 04102

CONSULTANTS

CIVIL/ LANDSCAPE ARCHITECT

75 John Roberts Road , Suite 1A, South Portland, ME 04106

Simpson Gumpertz & Heger Inc.

Sebago Technics

Waltham, MA 02453

MEPFP ENGINEER/ CODE AKF Group LLC

CONSTRUCTION MANAGER **Turner Construction**

ELEVATOR CONSULTANT

02110

COST ESTIMATOR

PROJECT TITLE

Addition

KEY PLANS

EAST TOWER

RICHARDS -BUILDING

22 Bramhall Street

Portland, ME 04102

D. G. Jones International

Boston, MA 02110

t 617.478.0300

CLIENT

f 617.478.0321

www.perkinswill.com

FIRE ALARM DRAWING LIST DRAWING No. DRAWING TITLE

FA00-01 FIRE ALARM GENERAL NOTES, SYMBOLS AND ABBREVIATIONS FA11-51 FIRE ALARM FIFTH FLOOR PLAN - SECTOR 1
FA11-52 FIRE ALARM FIFTH FLOOR PLAN - SECTOR 2 FIRE ALARM SIXTH FLOOR PLAN - SECTOR 1 FA11-61 FIRE ALARM SIXTH FLOOR PLAN - SECTOR 1
FA11-62 FIRE ALARM SIXTH FLOOR PLAN - SECTOR 2
FA11-71 FIRE ALARM SEVENTH FLOOR PLAN - SECTOR 1
FA11-72 FIRE ALARM SEVENTH FLOOR PLAN - SECTOR 2
FA11-81 FIRE ALARM ROOF PLAN - SECTOR 1 FA11-82 FIRE ALARM ROOF PLAN - SECTOR 2
FA11-91 FIRE ALARM PENTHOUSE PLAN - SECTOR 1 FA11-91 FIRE ALARM PENTHOUSE PLAN - SECTOR 1
FA11-92 FIRE ALARM PENTHOUSE PLAN - SECTOR 2 FIRE ALARM RISER DIAGRAM FIRE ALARM RISER DIAGRAM

FIRE ALARM GENERAL NOTES, SYMBOLS AND **ABBREVIATIONS** SHEET NUMBER

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