



**FIRE ALARM RISER**

**FIRE ALARM NOTES:**

- REFER TO FLOOR PLANS FOR EXACT LOCATIONS AND QUANTITIES OF DEVICES.
- ALL INSTALLATION WORK WILL BE DONE IN ACCORDANCE WITH FIRE ALARM MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- CORRIDOR AUDIO/VISUAL (STROBE) NOTIFICATION DEVICES SHALL BE SYNCHRONIZED AS REQUIRED.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" RIGID CONDUIT.
- FIRE ALARM SYSTEM MUST COMPLY WITH CITY OF PORTLAND AND STATE OF MAINE REQUIREMENTS AND STANDARDS. COORDINATE WITH LOCAL FIRE DEPARTMENT AND CITY OF PORTLAND.
- ALL CIRCUITS SHALL BE CLASS A LOOPS. TWO RISERS PER CIRCUIT LOOP SHALL BE SEPARATED BY 1 1/2' MINIMUM.
- ELEVATOR PIT SHALL HAVE A SMOKE DETECTOR, AND A 135° HEAT DETECTOR THE HEAT DETECTOR SHALL BE LESS THAN 2' FROM SPRINKLER HEAD.
- ELEVATOR MACHINE ROOM AND TOP OF HOIST WAY SHALL HAVE A SMOKE DETECTOR, AND A 135° HEAT DETECTOR THE HEAT DETECTOR SHALL BE LESS THAN 2' FROM SPRINKLER HEAD.
- A SIGNAL TO A MASTER BOX WILL BE COORDINATED WITH PORTLAND FIRE DEPT.
- A FIRE DETECTION PERMIT WILL BE REQUIRED.

**EMERGENCY COMMUNICATION RISER**

**EMERGENCY COMMUNICATION NOTES:**

- THE EMERGENCY CALL DEVICES (ECD) SHALL BE CAPABLE OF INDEPENDENTLY COMMUNICATING WITH THE SECURITY SYSTEM IN THE TERMINAL BUILDING. THE SIREM DETECTORS WILL INITIATE THE ECD WITH OUT NEED TO PRESS THE BUTTON. REFER TO SPECIFICATION FOR COMPLETE OPERATION REQUIREMENTS.
- REFER TO FLOOR PLANS FOR EXACT LOCATIONS AND QUANTITIES OF DEVICES.
- EQUIPMENT MANUFACTURER'S INSTRUCTIONS, AND RECOMMENDATIONS.
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- THE COMMUNICATION DEVICES SHALL BE EQUIPPED WITH A BLUE LIGHT/STROBE. THE BLUE LIGHT WILL BE ON CONSTANTLY TO DENY THE LOCATION OF THE DEVICE. THE STROBE LIGHT SHALL FLASH WHEN THE UNIT IS IN USE. THE LIGHT ASSEMBLY SHALL BE MOUNTED HIGH ENOUGH SO IT CAN BE SEEN ABOVE ALL VEHICLES LINED UP PARK IN THE STRADE.
- SEPARATE CONDUITS FOR POWER AND COMMUNICATION ARE SHOWN. THE MINIMUM CONDUIT SIZE SHALL BE 3/4" RIGID CONDUIT.

**SURVEILLANCE SYSTEM RISER**

**SURVEILLANCE SYSTEM NOTES:**

- THE CAMERA SHALL BE HIGH RESOLUTION COLOR.
- THE CAMERA SHALL HAVE A VARIABLE (3-9 mm) FOCAL LENS. (FIELD MODEL 105-00/984)
- THE CAMERA SHALL BE ENCLOSED IN WEATHER PROOF MINI-DOME ENCLOSURE WITH CLEAR LENS AND INTEGRAL HEATER.
- THE CAMERA AND ASSOCIATED EQUIPMENT SHALL BE COMPATIBLE WITH EXISTING SURVEILLANCE SYSTEM HARDWARE AND SOFTWARE IN THE TERMINAL.
- PROVIDE A MONITOR WITH KEYBOARD AND MOUSE IN THE ELECTRIC ROOM IN PARKING GARAGE.
- A 24VAC POWER SUPPLY SHALL BE PROVIDED IN THE ELECTRIC ROOM TO POWER THE CAMERA.
- SHARED CONDUITS FOR POWER AND COMMUNICATION ARE SHOWN. MINIMUM CONDUIT SIZE SHALL BE 3/4" RIGID CONDUIT.
- CABLE SHALL BE 1/2" 18/2 WESTERN # 2248 COAX. RG 59. WESTERN # 915 FIBER OPTIC CABLE. 6 MULTI-MODE FIBERS (2 ACTIVE, 4 STANDBY) LOOSE TUBE CONSTRUCTION WITH AN OVERALL JACKET.

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PHASE II  
INTERNATIONAL  
JETPORT  
PARKING GARAGE  
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PORTLAND, MAINE

CONFORMED SET  
FOR FIELD USE

CITY OF PORTLAND  
DEPARTMENT OF  
WATERFRONT AND  
TRANSPORTATION

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**SPECIAL SYSTEMS  
RISER DIAGRAMS**

NO.	REVISION	DATE

DESIGNED BY: M.C.  
CHECKED BY: V.M.H.  
DATE: 10/21/28  
DRAWING NO.: 02/25/08

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