

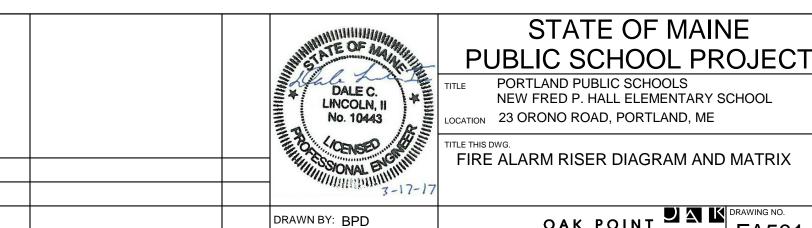
2 INPUT/OUTPUT MATRIX \FA501 SCALE: NOT TO SCALE

DRAWING NOTES

- REFER TO SHEET E-001 FOR SYMBOLS, GENERAL NOTES AND ABBREVIATIONS.
- 2. INITIATING CIRCUITS AND NOTIFICATION CIRCUITS SHALL NOT BE LOADED MORE THAN 75% OF THEIR RATED CAPACITY. THE FIRE ALARM SYSTEM INSTALLING CONTRACTOR SHALL VERIFY COMPLIANCE WITH THIS REQUIREMENT AND SHALL FURNISH AND INSTALL ADDITIONAL CIRCUITS AND EXTENDER PANELS TO COMPLY. EACH EXTENDER PANEL SHALL HAVE A SMOKE DETECTOR PROVIDED AT THE CEILING ABOVE THE PANEL. EXTENDER PANELS SHALL BE LOCATED IN UTILITY ROOMS.
- FIRE ALARM RISER DIAGRAM IS SHOWN FOR REFERENCE ONLY. DEVICE LOCATIONS AND QUANTITIES SHALL BE AS SHOWN ON THE SHOP DRAWINGS. ADDITIONAL DEVICES BEYOND THOSE SHOWN SHALL BE PROVIDED AT NO ADDITIONAL COST TO MEET THE REQUIREMENTS OF NFPA 101 NFPA 13, NFPA 72, AND CITY OF PORTLAND FIRE DEPARTMENT RULES AND REGULATIONS.

DRAWING KEYNOTES

- PROVIDE WATERFLOW SWITCH WITH DUAL CONTACTS. ONE FOR SHUNT TRIPPING OF ELEVATOR AND THE OTHER TO INTERFACE WITH THE FIRE ALARM CONTROL PANEL. THE WATERFLOW SWITCH SHALL BE WITHOUT TIME DELAY.
- 2 PROVIDE NUMBER OF CIRCUITS REQUIRED FOR
- PROVIDE QUANTITY OF DEVICES AND CIRCUITS
 SHOWN ON SHOP DRAWINGS SHOWN ON SHOP DRAWINGS.
- PROGRAM ADDRESSABLE INTERFACE DEVICE AND PROGRAMMING FOR CONTROL OF PA SYSTEMS.
- PROVIDE ADDRESSABLE INTERFACE DEVICE AND PROGRAMMING FOR INTERCONNECTION WITH KITCHEN RANGE HOOD SUPPRESSION SYSTEM.
- 6 PROVIDE ADDRESSABLE INTERFACE DEVICE AND PROGRAMMING FOR CONTROL OF LIGHTING CONTROLS BYPASS RELAY.
- 7 FOR ELEVATOR SHUTDOWN PER ASME A17.1-2013.
- PROVIDE TAMPER ALARM FOR KNOX BOX.
- CONNECT TO SHUNT TRIP BREAKER IN PANELBOARD K1.
- 10 MONITOR SHUNT TRIP VOLTAGE SUPPLY.



DATE 03/17/17

NO. DATE

DESCRIPTION

REVISIONS

PORTLAND PUBLIC SCHOOLS NEW FRED P. HALL ELEMENTARY SCHOOL OCATION 23 ORONO ROAD, PORTLAND, ME FIRE ALARM RISER DIAGRAM AND MATRIX

STATE OF MAINE

OAK POINT DAK DRAWING NO.

FA501

SHEET NO. ARCHITECTURE ■ ENGINEER

231 Main Street, Biddeford, Maine 04005