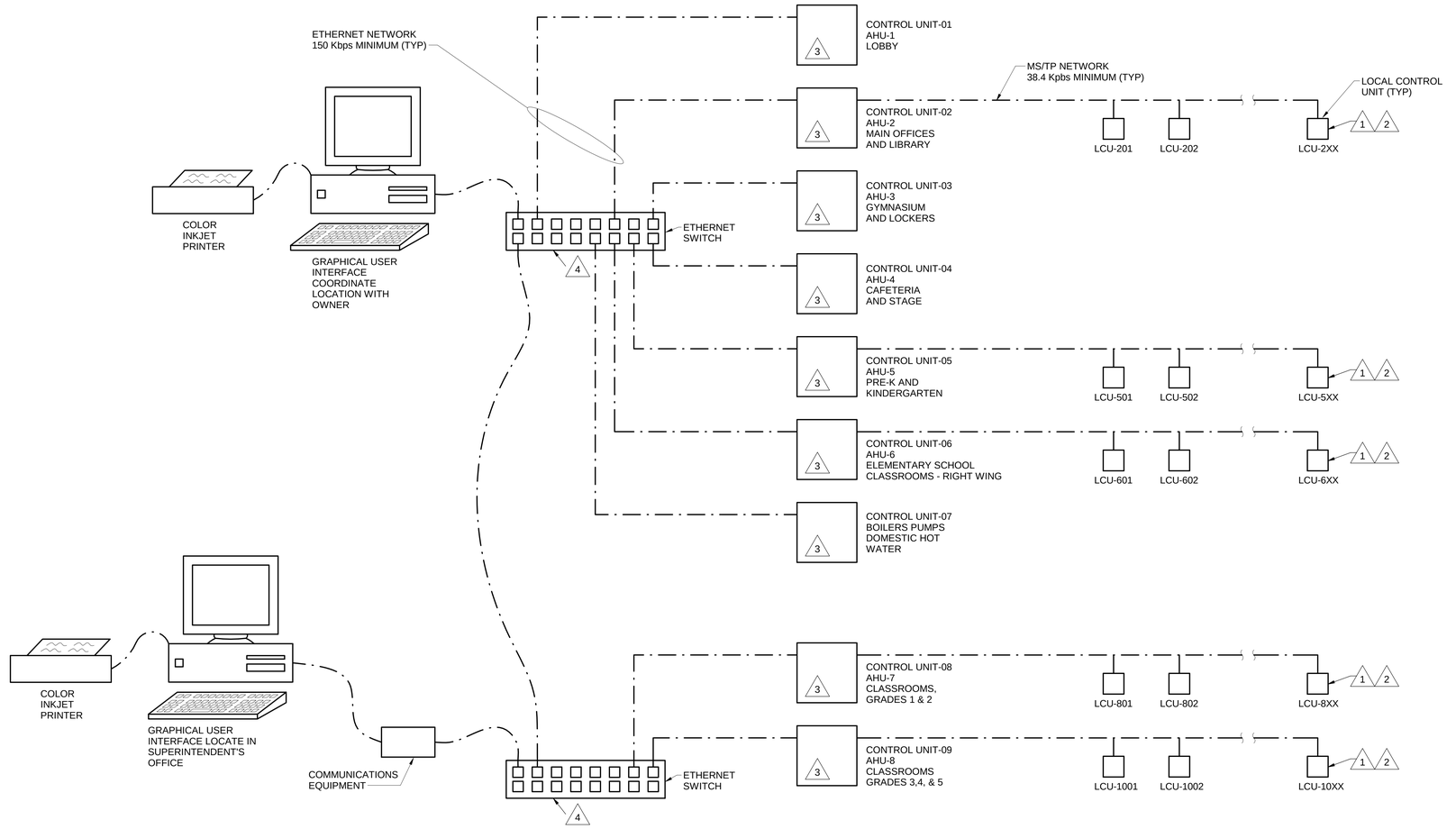
DRAWING KEYNOTES

1. PROVIDE LOCAL CONTROL UNITS AS REQUIRED TO CONTROL VAV BOXES AND RADIANT HEATING IN ZONES VENTILATED BY AHU.
2. PROVIDE LOCAL CONTROL UNITS AS REQUIRED TO CONTROL RADIANT HEATING IN ZONES VENTILATED BY AHU.
3. CONTROL UNIT SHALL BE CONNECTED TO AN EMERGENCY POWER CIRCUIT.
4. CONNECT TO EMERGENCY POWER CIRCUIT.



1 DIRECT DIGITAL CONTROL SYSTEM ARCHITECTURE
M-701 SCALE: N.T.S.

EMERGENCY GENERATOR AUTOMATIC TRANSFER SWITCH

SUMP PUMP SP-1 CONTROLLER

BOOSTER PUMP BP-1 CONTROLLER

CO2 — OUTSIDE AIR CO2 SENSOR. MOUNT IN A WELL VENTILATED SPACE AWAY FROM SOURCES OF CO2.

T — OUTSIDE AIR TEMPERATURE SENSOR. MOUNT OUTSIDE, OUT OF DIRECT SUNLIGHT AND AWAY FROM SOURCES OF HEAT.

RH — OUTSIDE AIR RELATIVE HUMIDITY SENSOR. MOUNT OUTSIDE, OUT OF DIRECT SUNLIGHT AND AWAY FROM SOURCES OF SUNLIGHT.

GLOBAL BUILDING POINTS LIST

SYSTEM POINT DESCRIPTION	GRAPHIC	ANALOG INPUT	ANALOG OUTPUT	BINARY INPUT	BINARY OUTPUT	ALARM	ANALOG VARIABLE	BINARY VARIABLE	TREND LOG	NOTES
OUTSIDE AIR CARBON DIOXIDE LEVEL	X	X							X	
OUTSIDE AIR TEMPERATURE	X	X							X	
OUTSIDE AIR RELATIVE HUMIDITY	X	X							X	
EM GEN TRANSFER SWTCH STATUS	X			X					X	
SUMP PUMP SP-1 ALARM	X			X		X			X	1
BOOSTER PUMP BP-1 ALARM	X			X		X			X	1
BOOSTER PUMP BP-1-1 STATUS	X			X					X	
BOOSTER PUMP BP-1-2 STATUS	X			X					X	
BOOSTER PUMP BP-1-3 STATUS	X			X					X	

NOTES:
1. GENERATE ALARM IF PUMP CONTROLLER INDICATES AN ALARM CONDITION.

2 BUILDING GLOBAL POINTS CONTROL DIAGRAM
M-701 SCALE: N.T.S.

NO.	DATE	DESCRIPTION	BY
		REVISIONS	

DRAWN BY: RDA
CHECK BY: MSA
NO.
DATE 03/17/17

STATE OF MAINE
MATTHEW S. ALBERT
No. 9235
LICENSED PROFESSIONAL ENGINEER
3/17/17

STATE OF MAINE
PUBLIC SCHOOL PROJECT

TITLE: PORTLAND PUBLIC SCHOOLS
NEW FRED P. HALL ELEMENTARY SCHOOL

LOCATION: 23 ORONO ROAD, PORTLAND, ME

TITLE THIS DWG: CONTROL DIAGRAMS 1

OAK POINT ASSOCIATES
231 Main Street, Biddeford, Maine 04005 207.283.0191

DRAWING NO. M-701

SHEET NO. 251 OF 312

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