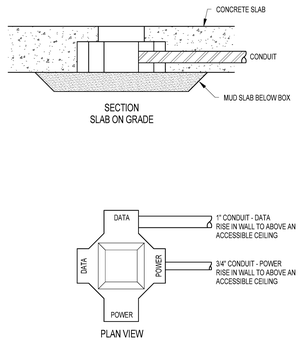
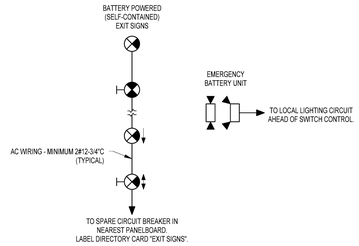
9 NOT USED
NO SCALE

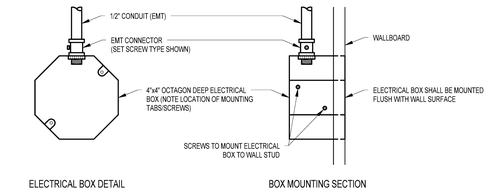
10 MULTI-SERVICE FLUSH FLOOR BOX
NO SCALE

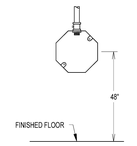


11 EXIT SIGN AND EMERGENCY BATTERY UNIT WIRING
NO SCALE



12 ANSUL SYSTEM MANUAL PULL BOX DETAIL
NO SCALE





NOTES:
1. BOX MUST BE A 4"x4" OCTAGON DEEP ELECTRICAL BOX, SECURELY FASTEN TO SIDE OF STUD.
2. CONDUIT SHALL BE 1/2" ELECTRIC METALIC TUBING (EMT).
3. CONDUIT SHALL BE STRAIGHT, CONTAIN NO BENDS AND BE STUBBED 6" ABOVE WALL FRAMING.
4. MOUNTING TABS/SCREWS ON ELECTRICAL BOX MUST BE POSITIONED AT APPROXIMATELY 2 AND 8 OCLOCK.
5. PER BOCA/INTERNATIONAL MECHANICAL CODE, BOX SHALL BE LOCATED AT OR NEAR MEANS OF EGRESS AT A MINIMUM OF 10 FEET AND A MAXIMUM OF 20 FEET FROM THE EXHAUST SYSTEM. THE BOX SHALL BE MOUNTED A MINIMUM OF 4'-6" TO A MAXIMUM OF 5'-0" FROM THE CENTERLINE OF THE BOX TO FINISHED FLOOR.
6. CONDUIT SHALL BE SECURELY FASTENED TO THE ELECTRICAL BOX USING EMT CONNECTOR WITH SET SCREW OR COMPRESSION TYPE CONNECTION.

5 NOT USED
NO SCALE

6 TYPICAL TLE/DATA BACKBOARD (BKBD)
SCALE: 1/8" = 1-0"

7 TYPICAL WALL OUTLET DETAIL
SCALE: 1/8" = 1-0"

8 SEPARATION OF TELEOMMUNICATION CABLES FROM ELECTRICAL ITEMS
NO SCALE

PATHWAYS INSTALLED TO CARRY TELECOMMUNICATIONS CABLES SHALL GIVE CONSIDERATION TO NOISE SOURCES SUCH AS POWER WIRING, RADIO FREQUENCY (RF) SOURCES, MOTORS, GENERATORS, INDUCTION HEATERS, ARC WELDERS, TRANSFORMERS, LIGHTING FIXTURE BALLAST/DRIVER, ETC..
1. TELECOMMUNICATIONS CABLES AND POWER WIRING SHALL CROSS IN A PERPENDICULAR ORIENTATION AND AT A MINIMUM DISTANCE OF 6".
2. TELECOMMUNICATIONS PATHWAYS SHALL RUN A MINIMUM OF 6" FROM A LIGHTING FIXTURE BALLAST/DRIVER UNLESS OTHERWISE INDICATED.
3. TELECOMMUNICATIONS PATHWAYS WHICH RUN PARALLEL TO POWER CONDUCTORS SHALL MAINTAIN THE FOLLOWING MINIMUM DISTANCE SEPARATION:

CONDITION	MINIMUM REQUIRED SEPARATION			
	120V <20A	120/208v <20A	120/208V >20A	277/480V
POWER CONDUCTORS IN TRAY, TELECOM CONDUCTORS IN TRAY OR AIR	12"	18"	24"	36"
POWER CONDUCTORS IN TRAY, TELECOM CONDUCTORS IN METAL CONDUIT	9"	12"	18"	24"
POWER CONDUCTORS IN METAL CONDUIT, TELECOM CONDUCTORS IN TRAY OR AIR	9"	12"	18"	24"
POWER CONDUCTORS IN METAL CONDUIT, TELECOM CONDUCTORS IN METAL CONDUIT OR WIREWAY	4"	9"	12"	24"

1 NOT USED
NO SCALE

2 FIRE ALARM SYSTEM DETAILS AND NOTES
SCALE: 1/8" = 1-0"

NOTES:
1. FAPS (FIRE ALARM POWER SUPPLY) ARE NOT SHOWN ON THE FLOOR PLANS. PROVIDE QUANTITY OF FAPS UNITS REQUIRED TO SERVE APPLIANCES SHOWN PLUS SPARE CAPACITY AS SPECIFIED. LOCATE A SMOKE DETACTOR AT EACH FAPS.
2. VERIFY LOCATION AND QUANTITY OF ALL SMOKE DAMPERS WITH THE MECHANICAL (DIVISION 23) DUCTWORK DRAWINGS. SEE THE DUCTWORK DRAWINGS TO ASSOCIATE SMOKE DAMPERS WITH EACH AIR HANDLING UNIT FOR GROUPING. SMOKE DAMPERS SHALL BE CONTROLLED AS A GROUP PER AIR HANDLING UNIT SERVED. DAMPERS TAGGED AS FD/SD ARE A COMBINATION FIRE AND SMOKE DAMPER AND ARE TO BE TREATED/CONTROLLED THE SAME AS A SMOKE DAMPER.
3. THE SHUTDOWN OF HVAC EQUIPMENT AND CLOSING OF ALL SMOKE DAMPERS SHALL BE DONE DIRECTLY FROM THE FIRE ALARM SYSTEM AND NOT VIA THE DIVISION 23 AUTOMATIC TEMPERATURE CONTROLS (ATC) SYSTEM.

4 TYPICAL DOOR SWITCH WITH MAGNETIC DOOR SWITCH
SCALE: 1/8" = 1-0"

HARRIMAN
AUBURN PORTLAND MANCHESTER

JEWISH COMMUNITY ALLIANCE OF SOUTHERN MAINE

PORTLAND, ME

Harriman Project No.	15309

Key Plan — Proj North

Issues and Revisions

Mark	Date	Description
	03-25-16	CONSTRUCTION DOCUMENTS
1	07-22-16	CONFORMANCE SET

STATE OF MAINE — JOHN W. TARR — No. 7700 — LICENSED PROFESSIONAL ENGINEER

Drawing Scales: NO SCALE

P/A / P/E: JWT
Drawn By: JMB

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DETAILS

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