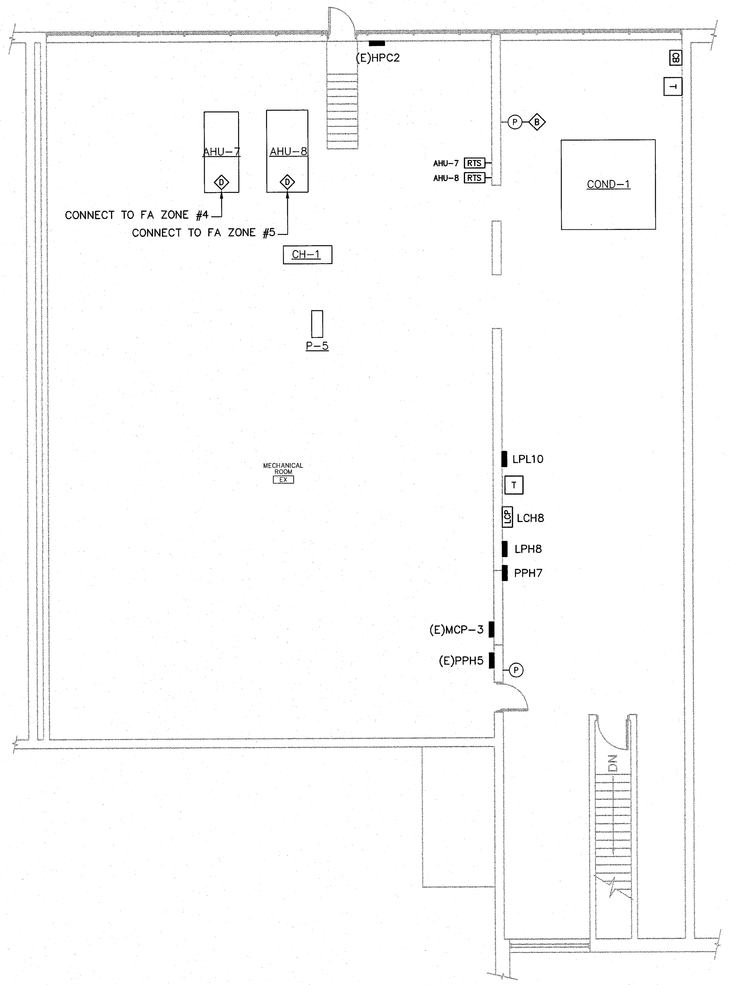
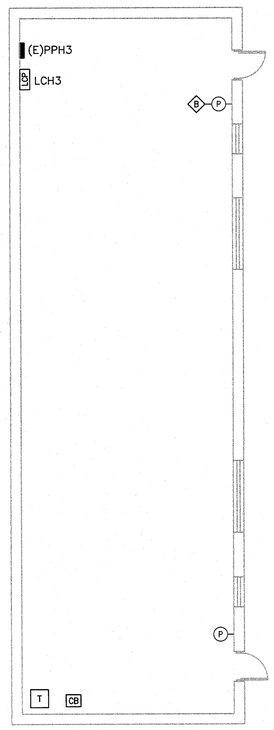
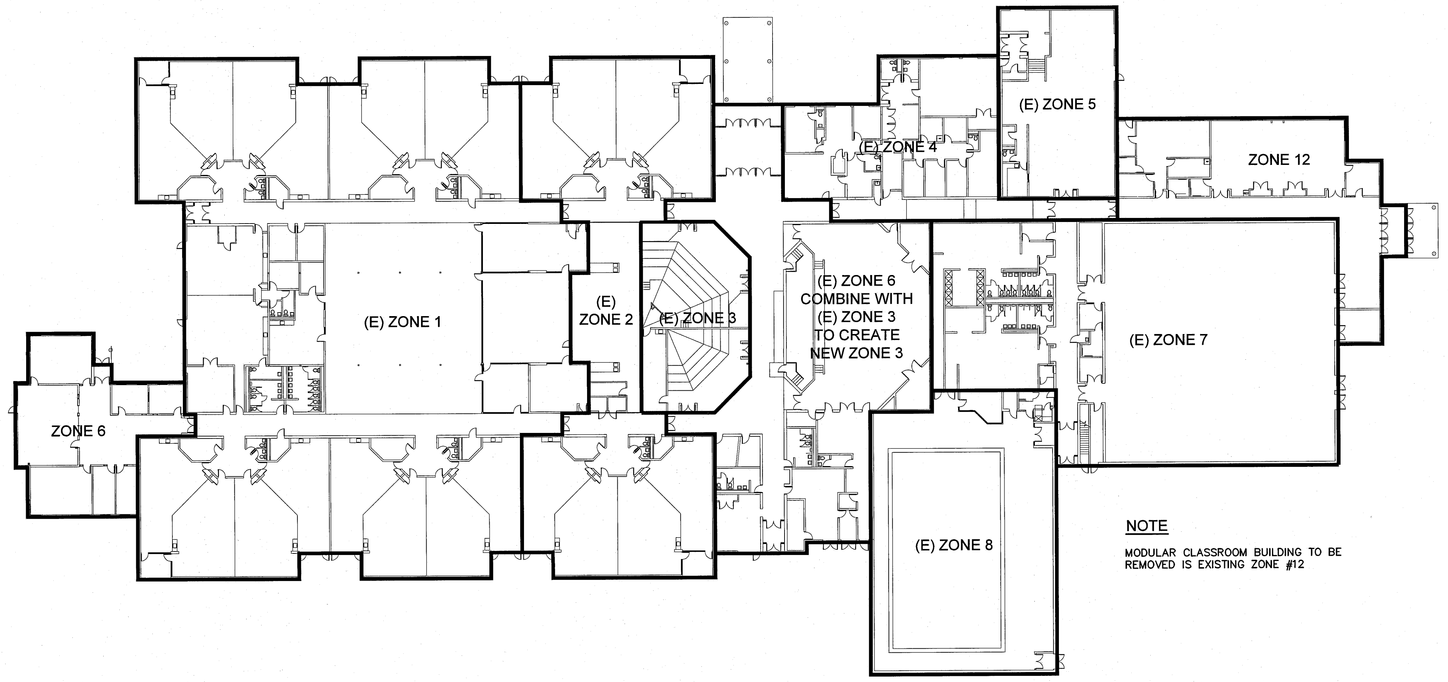


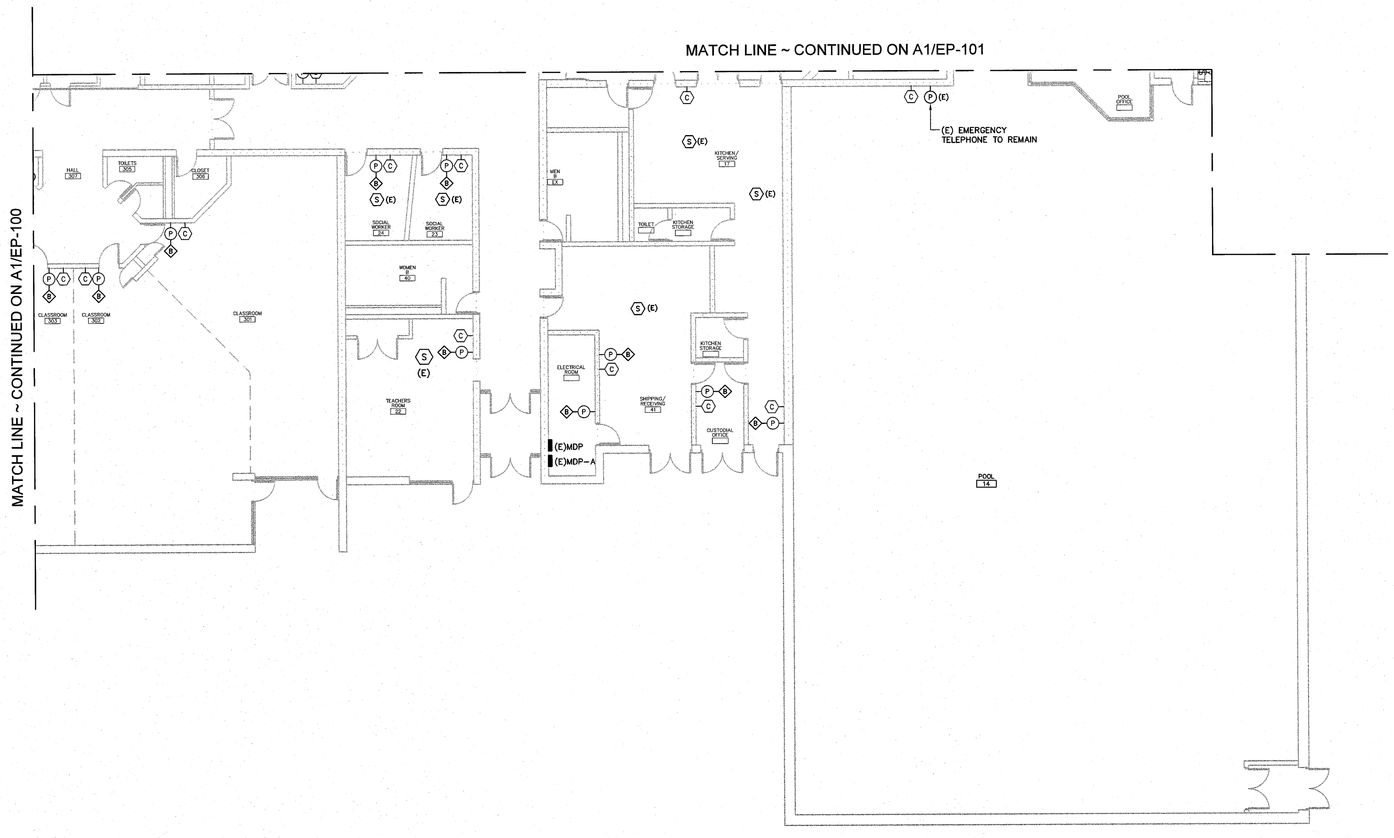

E1 | MECHANICAL ROOM | 1/8" = 1'-0"



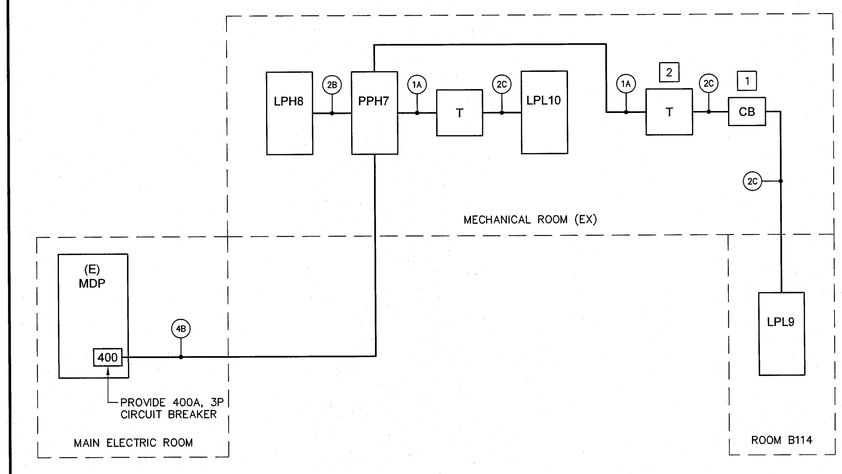

E4 | PENTHOUSE PLAN | 1/8" = 1'-0"




E5 | FIRE ALARM ZONE DETAIL | 1" = 30'-0"




A1 | PART PLAN | 1/8" = 1'-0"




EQUIPMENT

1 ENCLOSED CIRCUIT BREAKER, 225A, 3P WITH SOLID NEUTRAL

2 75 KVA, K4 RATED, NON-LINEAR ISOLATION TRANSFORMER, 480V DELTA PRIMARY, 208Y/120V SECONDARY

FEEDERS

1A 125 AMP PRIMARY/FEEDER, (3)#1+(1)#6G IN 1 1/4" CONDUIT

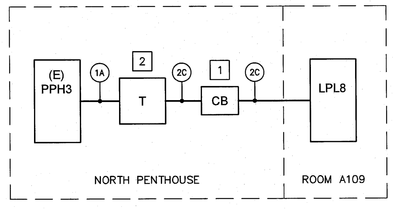
2B 225 AMP SECONDARY/FEEDER, (4)#4/0+(1)#4G IN 2 1/2" CONDUIT

2C 225 AMP SECONDARY/FEEDER WITH 200% NEUTRAL, (3)#4/0+(2)#4/0 N, (1)#4G IN 2 1/2" CONDUIT

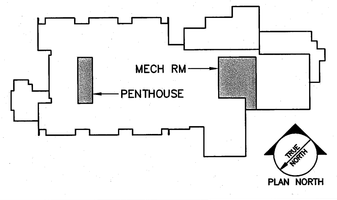
4B 225 AMP SECONDARY/FEEDER, (4)500+(1)#3G IN 3" CONDUIT

FEEDER NOTES:

1. WIRING BASED ON COPPER THWN/THHN
2. CONDUIT SIZE BASED ON EMT




A6 | PARTIAL POWER RISER DIAGRAMS | NO SCALE




A9 | KEY PLAN | NO SCALE


ARCHITECT:
SEMPLE & DRANE ARCHITECTS
496 CONGRESS STREET
PORTLAND, MAINE 04101
TEL:(207) 761-4231 FAX:774-0152
SDA@sempledrane.com

ENGINEERING:
Allied Engineering
160 Veranda Street
Portland, Maine 04103
T: 207.221.2260
F: 207.221.2266
Web: www.allied-eng.com

OWNER:
CITY OF PORTLAND


PROJECT:
RIVERTON EXPANSION AND RENOVATION PROJECT
1600 FOREST AVE. PORTLAND, ME. 04103

REVISIONS:

DRAWING:
POWER AND SYSTEMS PART PLAN

SCALE: AS NOTED
CAD FILE: 06014EP.DWG
DATE: 05/09/06

SHEET:
EP-102

H:\Projects\2005\06014 - Riverton Additions and Renovations\00 Drawing Files - current CAD files\06014EP.dwg May 08, 2006 - 6:07pm