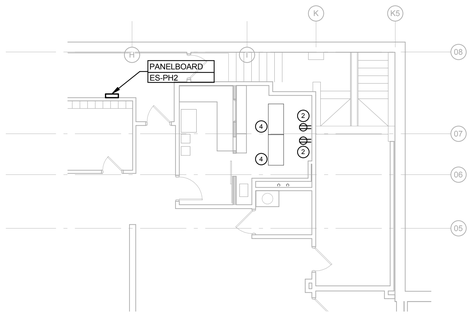
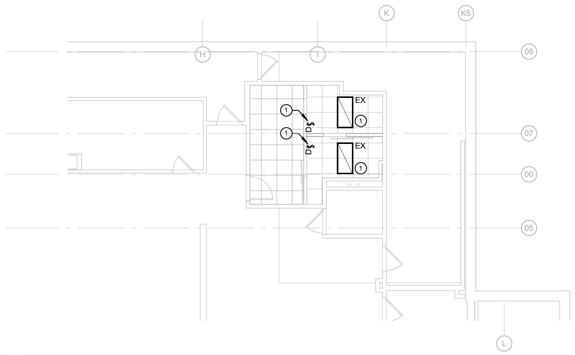
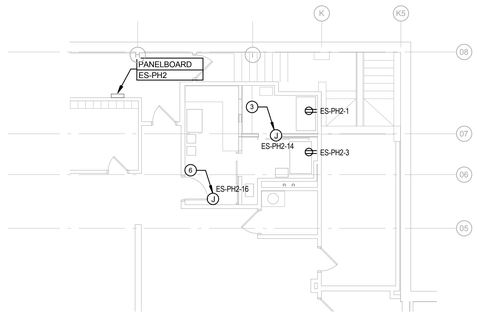


1 ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"



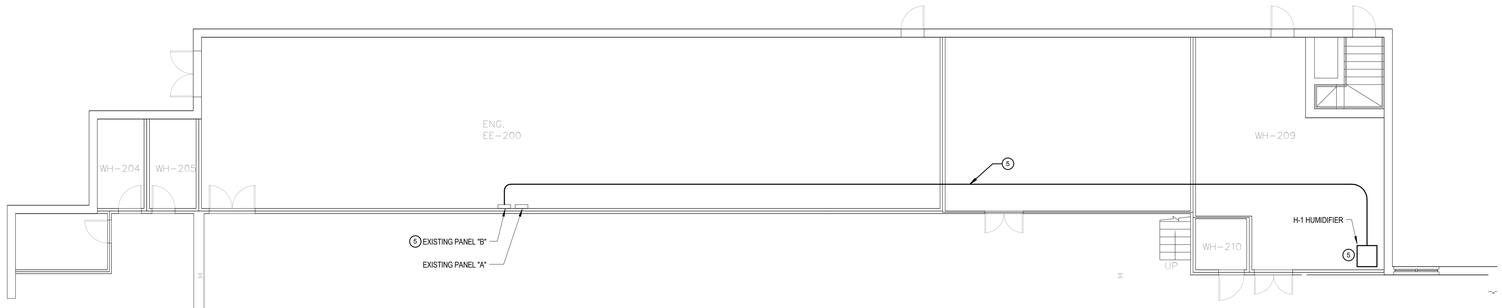
2 LIGHTING PLAN
1/8" = 1'-0"



3 POWER PLAN
1/8" = 1'-0"

ELECTRICAL KEYNOTES (THIS DRAWING)

1. CONNECT RELOCATED LIGHT FIXTURE AND NEW SWITCH TO EXISTING LIGHTING CIRCUIT PRESENTLY FEEDING THIS AREA.
2. REMOVE EXISTING RECEPTACLE, BACKBOX, AND CONDUIT BACK TO NEAREST JUNCTION BOX. EXTEND CIRCUITS ES-PH2-1 & 3 TO NEW RECEPTACLES AS SHOWN ON POWER PLAN.
3. JUNCTION BOX FOR POWER CONNECTION TO AUTOMATIC DOOR. COORDINATE LOCATION PRIOR TO ROUGH-IN.
4. DISCONNECT EXISTING LIGHT FIXTURE AND RELOCATE TO NEW LOCATION SHOWN ON LIGHTING PLAN.
5. PROVIDE (3) #6 & (1) #10 GRD IN 3/4" CONDUIT FROM EXISTING PANELBOARD "B" TO NEW H-1 HUMIDIFIER LOCATED IN MECHANICAL ROOM. PROVIDE A 50A/3P CIRCUIT BREAKER IN PANELBOARD "B" MATCHING EXISTING AIC RATING.
6. JUNCTION BOX FOR POWER CONNECTION TO HAND DRYER.



4 PARTIAL SECOND FLOOR POWER PLAN
1/8" = 1'-0"

ELECTRICAL SYMBOLS LEGEND

FX / FX	FLUORESCENT RECESSED MOUNTED TROFFER, (1X4, 2X2, 2X4) AND ACCESSORIES PER FIXTURE SCHEDULE.	⊕xx	DUPLEX RECEPTACLE IN A 4" SQUARE BOX WITH PLASTER RING (IN DRYWALL) SINGLE GANG. BOX IN MASONRY. WP=WEATHERPROOF, SS=SURGE SUPPRESSOR, GFI= GROUND FAULT INTERRUPTER), TR=TAMPER RESISTANT
$x	WALL BOX SWITCH OCCUPANCY SENSOR, X= D=DUAL TECHNOLOGY, P=PASSIVE INFRARED, U=ULTRA SONIC, V=VACANCY, 2P=2 POLE	EXIST / NEW	ELECTRICAL PANEL BOARD
(J)	JUNCTION BOX		

NOTES:

1. LIGHT FIXTURES SHOWN HALF-SHADED SHALL BE CONNECTED TO THE NORMAL/EMERGENCY CIRCUIT OR PROVIDED WITH AN EMERGENCY BATTERY BALLAST. REFER TO LIGHTING FIXTURE SCHEDULE FOR SPECIFICS ON THE BATTERY BALLAST.
2. THIS IS A STANDARD SYMBOL LIST. ALL SYMBOLS MAY NOT APPEAR ON THIS PROJECT.

Branch Panel: ~~ES~~-PH2

Location:
Supply From:
Mounting: Recessed
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type:
Mains Rating: 100 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Fume Hood	20 A	1	1500...	0 VA					1	20 A	Exsiting Circuit	2
3	Fume Hood	20 A	1			1500...	0 VA			1	20 A	Exsiting Circuit	4
5	Exsiting Circuit	20 A	1					0 VA	0 VA	1	20 A	Exsiting Circuit	6
7	Exsiting Circuit	20 A	1	0 VA	0 VA					1	20 A	Exsiting Circuit	8
9	Exsiting Circuit	20 A	1			0 VA	0 VA			1	20 A	Exsiting Circuit	10
11	Exsiting Circuit	20 A	1					0 VA	0 VA	1	20 A	Exsiting Circuit	12
13	Exsiting Circuit	20 A	1	0 VA	500 VA					1	20 A	Power to Auto Door	14
15	Exsiting Circuit	20 A	1			0 VA	1400...			1	20 A	Power to Hand Dryer	16
17	Exsiting Circuit	20 A	1					0 VA	0 VA	1	20 A	Spare	18
			Total Load:	2000 VA		2900 VA		0 VA					
			Total Amps:	19 A		27 A		0 A					

Legend:

NORTH

FULLY SPRINKLERED
ISSUED FOR CONSTRUCTION

Revisions:	Date

CONSULTANTS:

SEAL

ARCHITECTS/ENGINEERS:

A|E works

6587 Hamilton Avenue
Pittsburgh, Pennsylvania 15206
Ph: 412.287.7333 Fax: 412.287.7334
www.ae-works.com

AE Works Project Number: 13020

Drawing Title
ELECTRICAL DEMO & NEW WORK PLAN

Approved: Project Director

Project Title:
ERIE VA PHARMACY IV PREP ROOM

Location:
135 EAST 38TH STREET, ERIE, PA 16504

Date: January 17, 2014
Checked: JMZ
Drawn: JMZ

Project Number
562-13-105

Building Number

Drawing Number
E100

Dwg. 9 **of** 9

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231