

**NOTE:**

1. GENERATOR PIPING SHOWN AS SCHEMATIC. FINAL LOCATIONS AND SIZE PER GENERATOR MANUFACTURER SPECIFICATIONS..
2. PROVIDE DIESEL GENERATOR CLEARANCES & PLUMBING AS REQUIRED PER VERIZON WIRELESS C.M. & MANUFACTURER RECOMMENDATIONS.

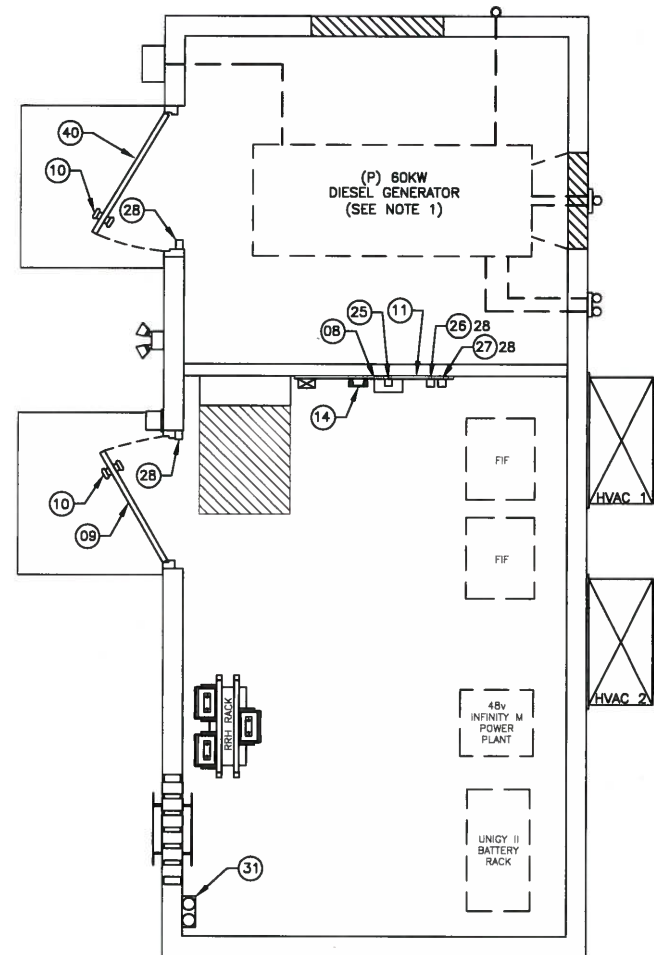
**CABLE TRAY PLAN/  
GENERATOR DETAILS**

SCALE: 3/16"=1' FOR 11"x17"  
3/8"=1' FOR 22"x34"



**NOTE:**

- ⊕ :-REFER TO SHEET E-1 FOR BILL OF MATERIALS.
- # :-REFER TO THIS SHEET FOR POWER PANEL SCHEDULE.



**ALARM & SIGNAL PLAN**

SCALE: 3/16"=1' FOR 11"x17"  
3/8"=1' FOR 22"x34"



**CABLE TRAY PARTS-BOM**

NEWTON INSTRUMENTS #A-2213, CEILING HANGER BRACKET
NEWTON INSTRUMENT #3010-8, 3/8"x1 3/4" CAP SCREW
NEWTON INSTRUMENT 5/8"-11 THREADED ROD
NEWTON INSTRUMENT #3014-8, 5/8"-11 NUT
NEWTON INSTRUMENT #3029-1, HANGER BRACKET
NEWTON INSTRUMENT #3014-6, NUT
NEWTON INSTRUMENT #A-1589, SPLICE CLAMP
NEWTON INSTRUMENT #3017-2, BOLT
NEWTON INSTRUMENT #3018-4, 5/8" EXPANSION SHIELD
NEWTON INSTRUMENT #2003-23, 18-INCH CABLE TRAY
NEWTON INSTRUMENT #A-1592, CORNER CLAMP
NEWTON INSTRUMENT #3017-1, BOLT
NEWTON INSTRUMENT #2085-8, 18" END CLOSING BAR

**PANEL SCHEDULE - ILC** 22,000 A.I.C.

W/200A MAIN C/B					
CKT #	DESCRIPTION	AMP	AMP	DESCRIPTION	CKT #
1	RECTIFIER #1	40	40	RECTIFIER #2	2
3					4
5	RECTIFIER #3	40	40	RECTIFIER #4	6
7					8
9	RECTIFIER #5	40	40	RECTIFIER #6	10
11					12
13	RECTIFIER #7	40	40	RECTIFIER #8	14
15					16
17	HVAC UNIT #1	40	40	HVAC UNIT #2	18
19					20
21	RECEPTACLES - EQUIPMENT ROOM	20	20	LIGHTING-EQUIPMENT ROOM	22
23	SPARE	20	20	EXTERIOR LIGHT	24
25	SMOKE, TEMP, DOOR ALARMS	20	20	HVAC CONTROLLER (LEAD LAG)	26
27	TWIST LOCK RECEPTACLE-TELCO	15	20	CONTROLLER (HI/LO)	28
29	GFCI RECEPTACLE (BETWEEN HVAC)	20	20	SPARE	30
31	RECEPTACLES - GENERATOR ROOM	20	-	SPACE	32
33	SPACE	-	-	SPACE	34
35	SPACE	-	-	SPACE	36
37	SPACE	-	-	SPACE	38
39	SPACE	-	-	SPACE	40
41	SPACE	-	-	SPACE	42

**LEGEND**

⊕	STAND ALONE SMOKE DETECTOR WITH DRY CONTACTS FOR CONNECTION TO VERIZON WIRELESS DIAL UP
⊕	STAND ALONE SMOKE DETECTOR WITH DRY CONTACTS FOR HVAC SHUTDOWN ON DETECTION



**PORTLAND 6 ME**

**CONSTRUCTION DRAWINGS**

2	09/23/14	FOR SUBMITTAL
1	08/25/14	FOR SUBMITTAL
A	08/18/14	FOR COMMENT



Dewberry Engineers Inc.  
280 SUMMER STREET  
10TH FLOOR  
BOSTON, MA 02210  
PHONE: 617.685.3400  
FAX: 617.685.3310



DRAWN BY: MR

REVIEWED BY: MFT

CHECKED BY: BBR

PROJECT NUMBER: 50002925

JOB NUMBER: 50062235

SITE ADDRESS:

25 CHURCH AVE  
PEAKS ISLAND, ME 04108

SHEET TITLE

CABLE TRAY & ALARM SIGNAL PLANS

SHEET NUMBER