

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

## BUILDING DEPARTMENT PERMIT

Permit Number: 030053

Please Read  
Application And  
Notes, If Any,  
Attached

This is to certify that NE Tel/n/a  
has permission to Removal of existing interior generator & interior tank. Installation of a new exterior generator module with i  
AT 126 Island Ave P.I. 087 00025001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of the State and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and when permission procured before this building or part thereof is laid or closed-in. 24 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

### OTHER REQUIRED APPROVALS

Fire Dept. U.M.W.  
Health Dept. \_\_\_\_\_  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_  
Department Name

*[Signature]* 2/12/03  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

**City of Portland, Maine - Building or Use Permit Application**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 03-0053	Issue Date:	CBL: 087 00025001
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Location of Construction: 126 Island Ave <i>P.I.</i>	Owner Name: NE Tel	Owner Address: Po Box 152206	Phone:
Business Name: n/a	Contractor Name: n/a	Contractor Address: n/a Portland	Phone:
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Alterations - Commercial	Zone: <i>LB</i>

Past Use: Utility Building ( Telephone switch building)	Proposed Use: Utility Building; removal of existing interior generator & exterior fuel tank. Installation of a new generator module with integral fuel tank, associated foudation and paved drive	Permit Fee: \$723.00	Cost of Work: \$100,000.00	CEO District: 3	<i>originally constructed 1940</i>
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>U</i> Type: <i>N/A</i> <i>2/21/03</i>		

Proposed Project Description:  
Removal of existing interior generator & exterior fuel tank. Installation of a new exterior generator module with integral fuel tank.

Signature: *[Signature]* Signature: *[Signature]*

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action:  Approved  Approved w/Conditions  Denied

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Permit Taken By: gg	Date Applied For: 01/24/2003	<b>Zoning Approval</b>
------------------------	---------------------------------	------------------------

- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- Building permits do not include plumbing, septic or electrical work.
- Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland <i>N/A</i></p> <p><input type="checkbox"/> Wetland <i>reg. no. strike</i></p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan <i>N/A - just relaxed</i></p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p><i>OK per revised drawings 2/20/03</i></p> <p>Date: _____</p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p><i>[Signature]</i></p> <p>Date: _____</p>
---	---	--

**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

# fax transmittal

Page: 1 Of: 2

To: MARGE SCHMUCKAL

Fax No: 874.8716

From: JON BOULIN

Date: 2-19-03

Bunker & Savage Architects  
P.O. Box 2387, 563 Western Avenue  
Augusta, Maine 04338-2387

Tel: (207) 623-4708  
Fax: (207) 623-2552

E-Mail: [bsarch@bunkerandsavage.com](mailto:bsarch@bunkerandsavage.com)

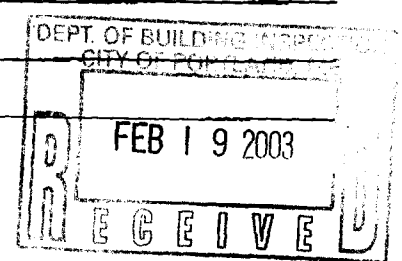
Project: VERIZON: PEAKS ISLAND

Subject: REVISION TO SUBMITTED DWGS

NOTES:

SEE PAGE 2 FOR REVISION LETTER WE  
DISCUSSED ON THE PHONE YESTERDAY

THANKS J.M.S. Pul



February 19, 2003

Marge Schumuckal  
Zoning Administrator  
Portland City Hall  
389 Congress Street  
Portland ME 04101

RE: ~~Verizon Generator Replacement~~  
Peaks Island Central Office  
Island Avenue  
Peaks Island, Maine

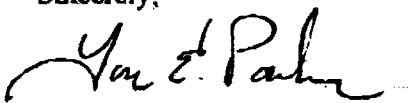
Dear Marge,

The purpose of this letter is to describe the revisions to the drawings of the above referenced project, submitted to your office as part of a building permit application on January 22, 2003.

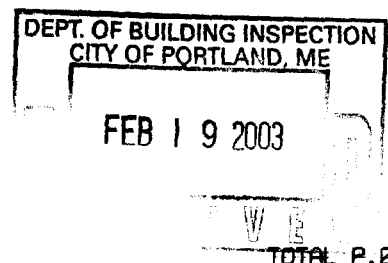
Drawing SD1 clearly shows encroachment into the southern property's setback line by the new generator module removable stair. After review, it has been determined that these stairs may be eliminated, as the actual rise to the generator floor is only about 14 inches. Verizon personnel will use a set of portable steps which will be stored inside the generator module after each use. Drawing SD1 has been revised to incorporate this change.

If you have any other concerns or require more information, please feel free to call me.

Sincerely,



Jon E. Poulin, Designer



# fax transmittal

Page: 1 Of: 2

To: MARGE SCHMUCKAL

Fax No: 874-8716

From: JON POLIN

Date: 2-19-03

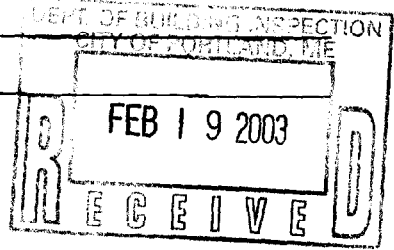
Bunker & Savage Architects  
P.O. Box 2387, 563 Western Avenue  
Augusta, Maine 04338-2387  
Tel: (207) 623-4708  
Fax: (207) 623-2552  
E-Mail: [bsearch@bunkerandsavage.com](mailto:bsearch@bunkerandsavage.com)

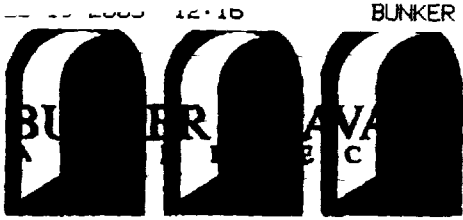
Project: VERIZON: PEAKS ISLAND Subject: REVISION TO SUBMITTED DWGS

NOTES:

SEE PAGE 2 FOR REVISION LETTER WE  
DISCUSSED ON THE PHONE YESTERDAY

THANKS Jon Polin





P.O. Box 2387, 563 Western Ave.  
Augusta, Maine 04338-2387  
Tel: 207-623-4708

E-Mail: bsarch@bunkerandsavage.com  
Web: www.bunkerandsavage.com  
Fax: 207-623-2552

February 19, 2003

Marge Schmuckal  
Zoning Administrator  
Portland City Hall  
389 Congress Street  
Portland ME 04101

RE: Verizon Generator Replacement  
Peaks Island Central Office  
Island Avenue  
Peaks Island, Maine

Dear Marge,

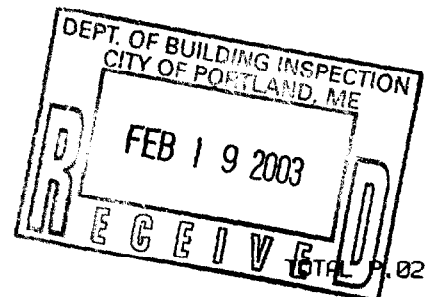
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If you have any other concerns or require more information, please feel free to call me.

Sincerely,

Jon E. Poulin, Designer



**BUNKER & SAVAGE ARCHITECTS**  
**P.O. BOX 2387**  
**563 WESTERN AVENUE**  
**AUGUSTA, MAINE 04338-2387**

**LETTER OF TRANSMITTAL**

To: Portland City Hall  
 Planning Department  
 398 Congress Street  
 Portland, Me. 04101

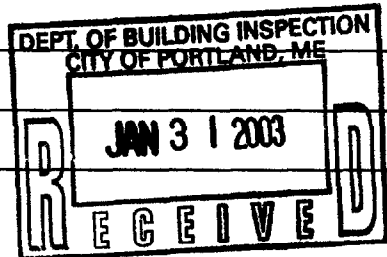
Date: 1-24-03  
 Attention: Marge Schmuckal  
 Zoning Administrator

Re: **Generator Replacement**  
**Peaks Island, Me.**

WE ARE SENDING YOU  Attached Under separate cover via \_\_\_\_\_ the following items:

- Shop Drawings      Prints       Plans      Samples      Specifications  
 Copy of Letter      Change Order      Other

COPIES	DATE	NO.	DESCRIPTION
1	1-22-03	4	Complete set Construction Drawings (reduced to 11" x 17")



THESE ARE TRANSMITTED as checked below:

- For Approval      Approved as submitted      Resubmit \_\_\_\_\_ copies for approval  
 For your use      Approved as noted      Submit \_\_\_\_\_ copies for distribution  
 As requested      Returned for corrections      Return \_\_\_\_\_ correct prints  
 For review and comment \_\_\_\_\_

FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_ PRINTS RETURNED AFTER LOAN TO US

REMARKS: IF you have any further concerns or require more information please contact me at (207) 623-4708.

COPY TO: File

Sincerely: Jon E. Poulin

SIGNED: *Jon E. Poulin*

**City of Portland, Maine - Building or Use Permit**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

<b>Permit No:</b> 03-0053	<b>Date Applied For:</b> 01/24/2003	<b>CBL:</b> 087 00025001
------------------------------	--	-----------------------------

<b>Location of Construction:</b> 126 Island Ave	<b>Owner Name:</b> N E Tel	<b>Owner Address:</b> Po Box 152206	<b>Phone:</b>
<b>Business Name:</b> n/a	<b>Contractor Name:</b> n/a	<b>Contractor Address:</b> n/a Portland	<b>Phone:</b>
<b>Lessee/Buyer's Name</b> n/a	<b>Phone:</b> n/a	<b>Permit Type:</b> Alterations - Commercial	

<b>Proposed Use:</b> Utility Building: removal of existing interior generator & exterior fuel tank. Installation of a new generator module with integral fuel tank, associated foudation and paved drive	<b>Proposed Project Description:</b> Removal of existing interior generator & exterior fuel tank. Installation of a new exterior generator module with integral fuel tank.
---	---

**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Marge Schmuckal      **Approval Date:** 02/20/2003  
**Note:** **Ok to Issue:**

1) This approval is based upon the removal of the exterior stairs. There are to be temporary stairs to be placed inside the structure to be used when the building is unlocked and then replaced when finished.

**Dept:** Building      **Status:** Pending      **Reviewer:**      **Approval Date:**      **Note:** **Ok to Issue:**

**Dept:** Fire      **Status:** Approved      **Reviewer:** Lt. McDougall      **Approval Date:** 01/29/2003  
**Note:** **Ok to Issue:**

**Comments:**

01/24/2003-gg: Need 11' x 17' plans when pick up permit. /gg



**BUNKER & SAVAGE ARCHITECTS**  
**P.O. BOX 2387**  
**563 WESTERN AVENUE**  
**AUGUSTA, MAINE 04338-2387**

**LETTER OF TRANSMITTAL**

To: Portland City Hall  
 Planning Department  
 398 Congress Street  
 Portland, Me. 04101

Date: 1-22-03  
 Attention: Marge Schmuckal  
 Zoning Administrator

Re: **Generator Replacement**  
**Verizon Central Office**  
**Peaks Island. Me.**

WE ARE SENDING YOU  Attached Under separate cover via \_\_\_\_\_ the following items:

Shop Drawings                  Prints                   Plans                  Samples                  Specifications  
 Copy of Letter                  Change Order                  Other

COPIES	DATE	NO.	DESCRIPTION
1	1-22-03	4	Complete set Construction Drawings
1	1-22-03	1	Building Permit Application
1	1-22-03	1	Application Permit Fee (check #2345 - \$723.00)

THESE ARE TRANSMITTED as checked below:

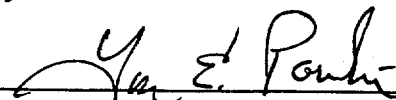
For Approval                  Approved as submitted                  Resubmit \_\_\_\_\_ copies for approval  
 For your use                  Approved as noted                  Submit \_\_\_\_\_ copies for distribution  
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 For review and comment \_\_\_\_\_

FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_ PRINTS RETURNED AFTER LOAN TO US

REMARKS: IF you have any further concerns or require more information please contact me at (207) 623-4708.

COPY TO: File

Sincerely: Jon E. Poulin

SIGNED: 

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

**Current Owner Information**

**Card Number** 1 of 1  
**Parcel ID** 087 00025001  
**Location** 126 ISLAND AVE  
**Land Use** TRANSPORTATION

**Owner Address** N E TEL & TEL CO STATE & LOCAL TAXES  
 PO BOX 152206  
 IRVING TX 75015

**Book/Page**  
**Legal** 87-00-25  
 ISLAND AVE  
 PEAKS ISLAND  
 4420 SF

**Valuation Information**

<b>Land</b>	<b>Building</b>	<b>Total</b>
\$110,780	\$22,050	\$132,830

**Building Information**

<b>Bldg #</b> 1	<b>Year Built</b> 1940	<b># Units</b> 1	<b>Bldg Sq. Ft.</b> 1080	<b>Identical Units</b> 1
<b>Total Acres</b> 0.101	<b>Total Buildings Sq. Ft.</b> 1080	<b>Structure Type</b> PHONE/ELECTRIC EQUIPMENT BU	<b>Building Name</b> TELEPHONE EQUIP BLDG	

**Exterior/Interior Information**

<b>Section</b> 1	<b>Levels</b> 01/01	<b>Size</b> 1080	<b>Use</b> MANUFACTURING
---------------------	------------------------	---------------------	-----------------------------

<b>Height</b> 10	<b>Walls</b> FRAME	<b>Heating</b> UNIT HEAT	<b>A/C</b>
---------------------	-----------------------	-----------------------------	------------

**Building Other Features**

<b>Line</b>	<b>Structure Type</b>	<b>Identical Units</b>
-------------	-----------------------	------------------------



# All Purpose Building Permit Application

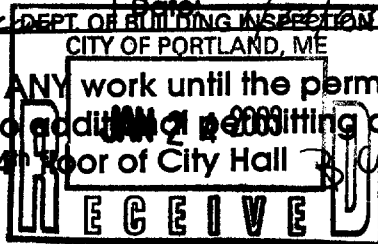
If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <sup>136</sup> ISLAND AVENUE, PEAKS ISLAND, MAINE		
Total Square Footage of Proposed Structure 9' x 14' MODULE = 126 SQ. FT.	Square Footage of Lot 4,485± SQ. FT.	
Tax Assessor's Chart, Block & Lot Chart#                  Block#                  Lot# <u>087010-025</u>	Owner: VERIZON  (SUCCESSOR TO N.E. TEL. CO.)	Telephone:
Lessee/Buyer's Name (If Applicable)  N.A.	Applicant name, address & telephone: (207) 623-4708 BUNKER & SAVAGE ARCHITECTS P.O. BOX 2387, AUGUSTA, ME 04338	Cost Of Work: <u>\$100,000.00</u>  Fee: \$ 723.00
Current use: <u>UTILITY (TELEPHONE SWITCH BUILDING)</u>		
If the location is currently vacant, what was prior use: _____		<i>need 11 x 17 when pick up permit.</i>
Approximately how long has it been vacant: _____		
Proposed use: <u>SAME</u>		
Project description: REMOVAL OF THE EXISTING INTERIOR GENERATOR AND EXTERIOR FUEL TANK. INSTALLATION OF A NEW EXTERIOR GENERATOR MODULE WITH INTEGRAL FUEL TANK, ASSOCIATED		
Contractor's name, address & telephone: _____		FOUNDATION AND PAVED DRIVE.
Who should we contact when the permit is ready: _____		BUNKER & SAVAGE ARCHITECTS
Mailing address: _____		P.O. BOX 2387 AUGUSTA, MAINE 04338-2387
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. <b>PHONE:</b> (207) 623-4708		

**IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.**

*I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.*

Signature of applicant: Jim P. Park for Verizon      Date: \_\_\_\_\_



**This is NOT a permit, you may not commence ANY work until the permit is issued.**  
If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

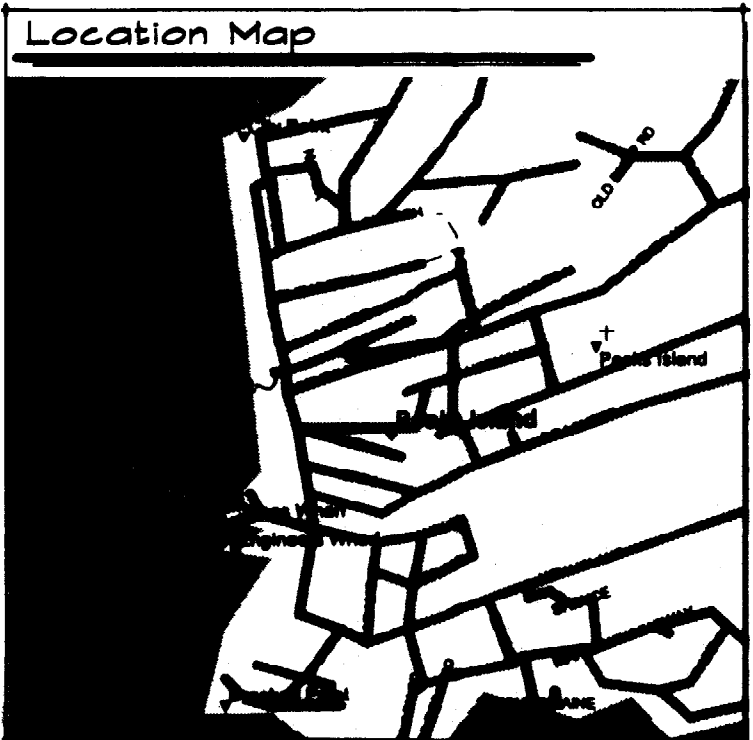


# GENERATOR MODULE REPLACEMENT PEAK'S ISLAND CENTRAL OFFICE

ISLAND AVENUE PEAK'S ISLAND, MAINE

**Prepared By**

**Architects**  
Burke & Savage Architects  
555 Western Avenue  
P.O. Box 2387  
Augusta, Maine 04330  
(207) 623-4700



**Drawing Index**

CS	COVER SHEET	
<b>ARCHITECTURAL</b>		
01	SEE DEVELOPER PLAN + DETAILS	
<b>ELECTRICAL</b>		
01	ELECTRICAL PLAN	
02	ELECTRICAL SCHEDULES + DETAILS	

**Drawing Symbols**

	ROOM NAME + NUMBER		DETAIL MARK
	DOOR NUMBER		BUILDING SECTION
	WALL TYPES		WALL SECTION
	WINDOW TYPES		
	INT. ELEV. NUMBER		

- Documents/General -**
- Drawings show location, quantity and configuration of materials, equipment and furnishings.
  - Specifications - Describe quality and installation procedures of materials, equipment and furnishings.
  - Specifications describe legal requirements for the project.

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All drawings, as an instrument of service, is copyrighted under the Architectural Rights Copyright Protection Act of 1998. No use is strictly limited to use in the construction of the stated project. All other use is prohibited without the written permission of Burke & Savage Architects.



Verizon - Construction Services  
125 High Street  
Boston, Ma

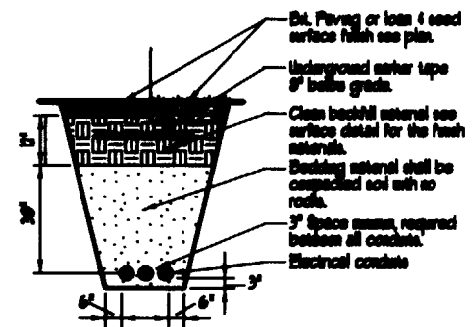
Verizon - Construction Services  
PEAK'S ISLAND CENTRAL OFFICE  
GENERATOR MODULE REPLACEMENT  
Island Avenue, Peak's Island, Maine  
COVER SHEET

Architects  
Burke & Savage  
P.O. Box 2387  
Augusta, Maine  
Tel: (207) 623-4700  
E-mail Address: [bsa@burkesavage.com](mailto:bsa@burkesavage.com)

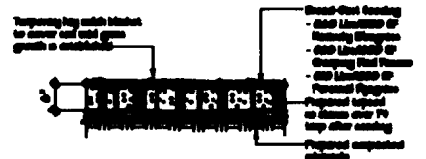
505 Western Ave.,  
Augusta, Maine  
04330  
Tel: (207) 623-4700  
Fax: (207) 623-4700

Drawing No.  
**CS1**

see FAX DATA 2/19/03 - steps to be removed  
 Temporary steps to be  
 stored inside Bldg -



Typical Trench Detail  
 Not to Scale

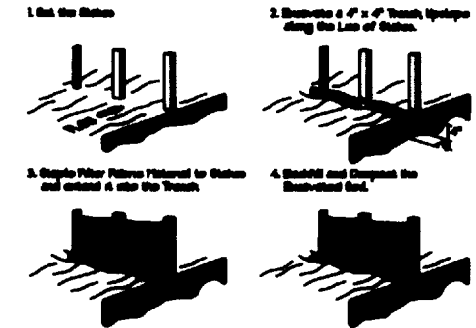


Lean and Seed Detail  
 Not to Scale

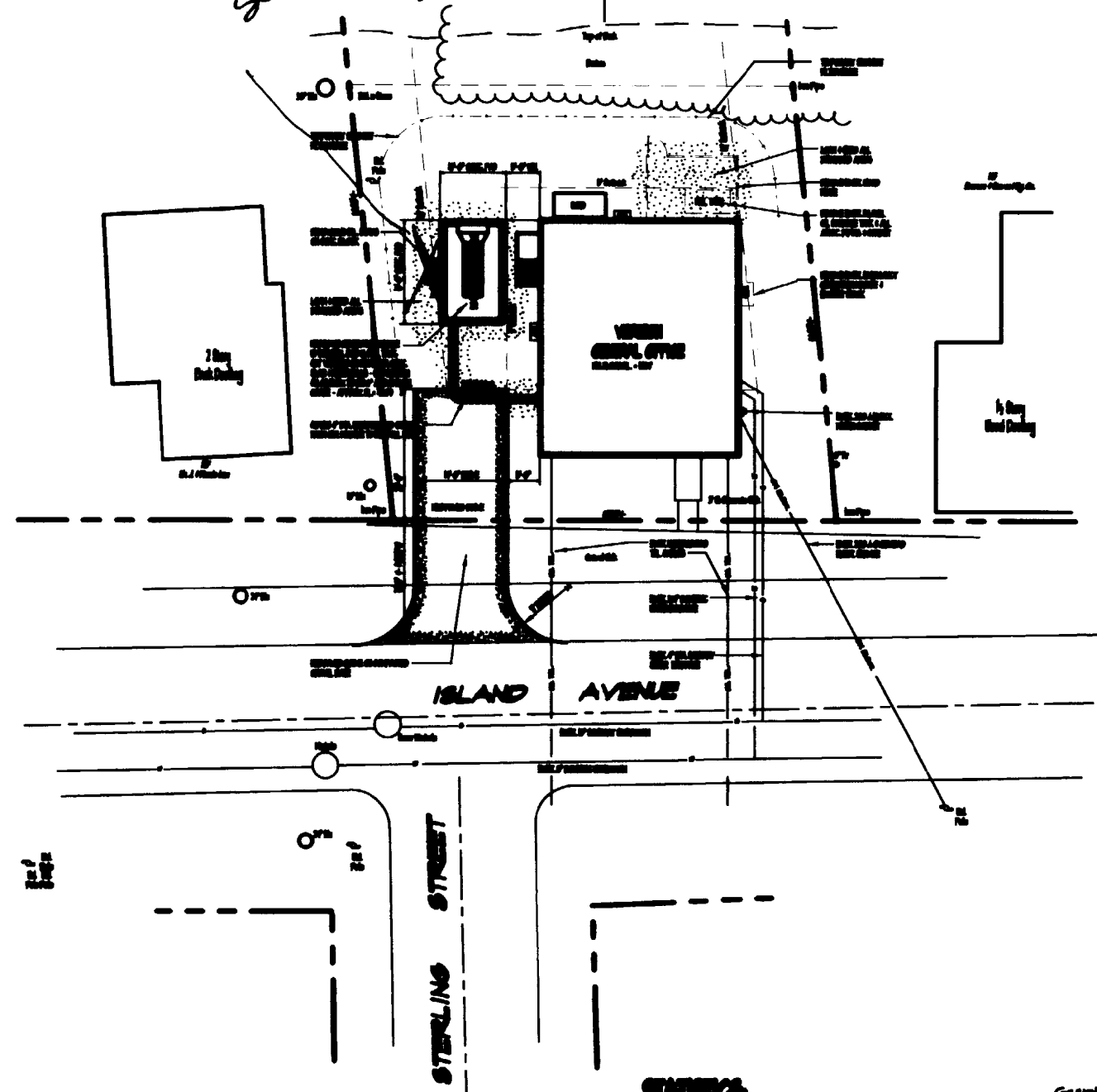


4" Concrete Drive Detail  
 Not to Scale

NOTE:  
 1) Size of 1/2" x 1/2" Mesh Recommended for a Thickness of 1 Foot.  
 2) Drive-through Filter Material required.



Construction of a Geotextile Sediment Filter Barrier  
 Not to Scale



**SITE DEVELOPMENT PLAN**  
 Scale 1" = 10'-0"

The Plan is an Approx. representation of the Verizon Peak's Island Central Office Building. This information was obtained from a Plot Plan Dated October 1998, Completed by the Engineering Dept. of the Verizon NET, I.T. Co., and on-site observations by the Architect.

**STATISTICS**

Zoning District	7-5' Island Business Zone
Lot Size	4,485 square feet
Existing Building size	1,074 square feet
Proposed Addition size	85 square feet



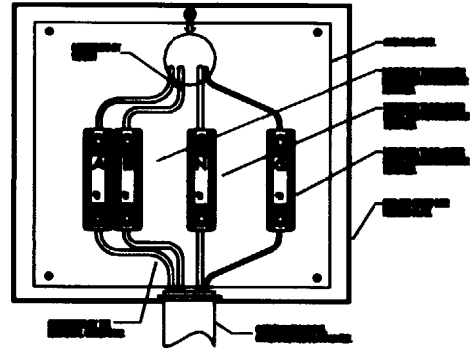
SD1

Verizon - Construction Services  
 125 High Street  
 Boston, Ma.

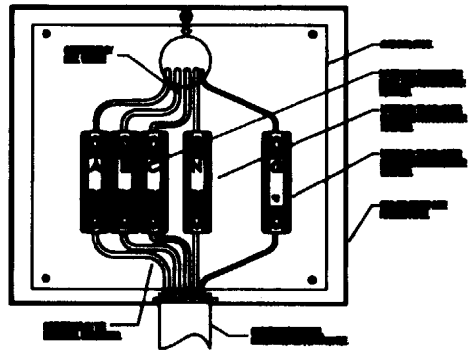
Verizon - Construction Services  
 PEAK'S ISLAND CENTRAL OFFICE  
 GENERATOR MODULE REPLACEMENT  
 Island Avenue, Peak's Island, Maine

BSA  
 Barber & Berger Architects  
 200 North Ave  
 Augusta, Maine  
 Tel: (207) 622-7700  
 Fax: (207) 622-7700

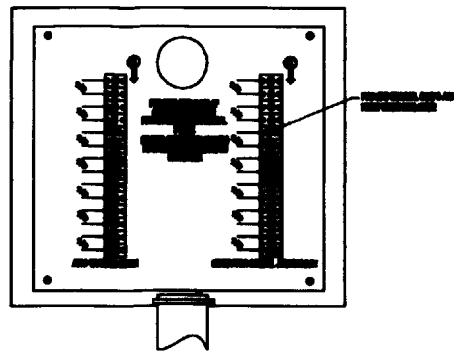
Alamy Boston Buffalo Raleigh-Durham Syracuse



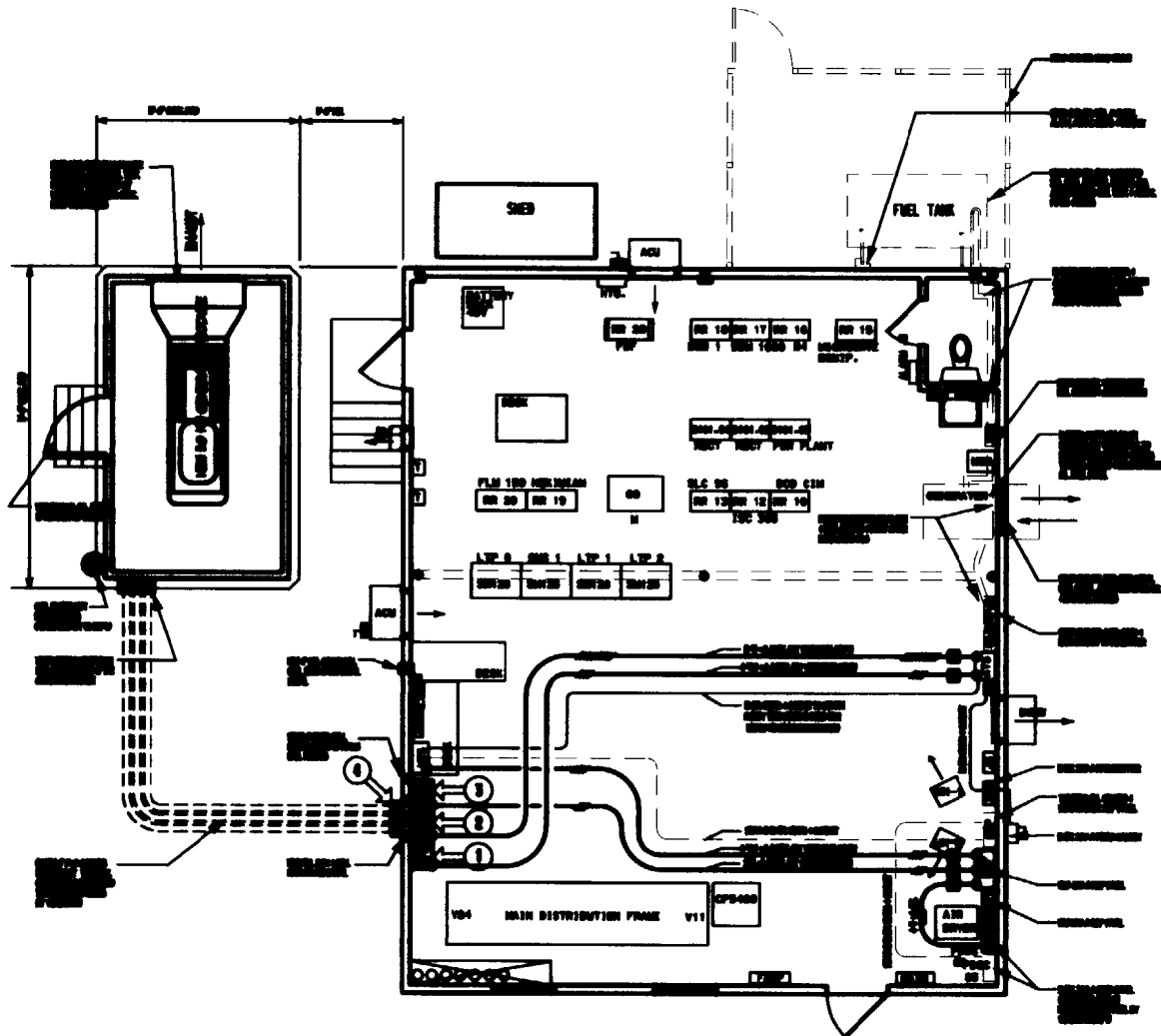
2 SINGLE GENERATOR MODULE JUNCTION BOX DETAIL



3 SINGLE GENERATOR POWER JUNCTION BOX DETAIL



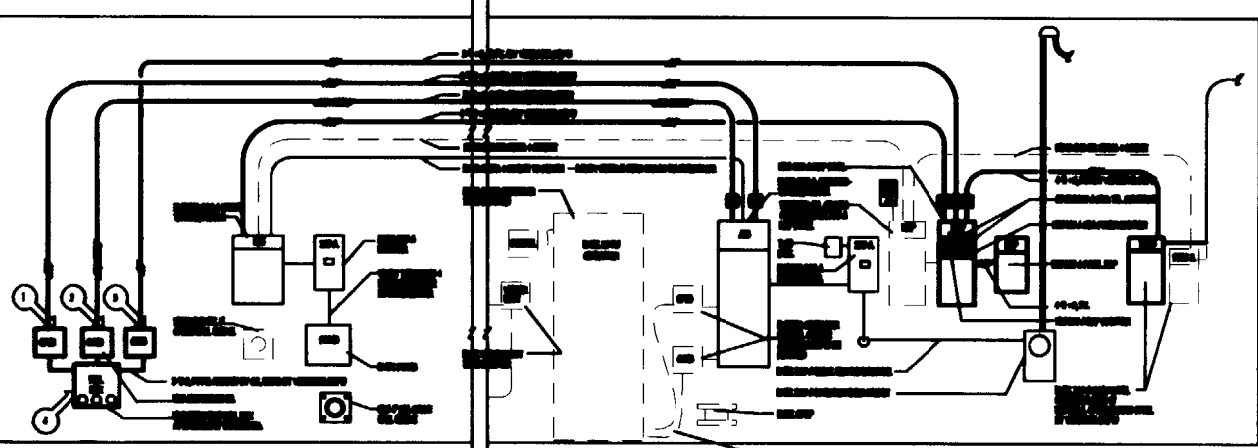
4 GENERATOR TERMINAL BLOCK DETAIL



1 ELECTRICAL PLAN

**ELECTRICAL CONNECTION SCHEDULE**

KEY	DESCRIPTION
⊕	GROUNDING
⊖	NEUTRAL
⊘	PHASE
⊙	TERMINAL



PEAKS ISLAND ONE-LINE ELECTRICAL DIAGRAM

**ELECTRICAL LEGEND**

□	GENERATOR	□	TERMINAL
□	MAIN DISTRIBUTION FRAME	□	GENERATOR TERMINAL BLOCK
□	GENERATOR JUNCTION BOX	□	POWER JUNCTION BOX
□	CONDUIT	□	WIRE

**ELECTRICAL NOTES**

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE MASSACHUSETTS ELECTRICAL CODE (MEC).

2. THE GENERATOR SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

3. THE FUEL TANK SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

4. THE MAIN DISTRIBUTION FRAME SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

5. ALL ELECTRICAL WORK SHALL BE DONE BY A LICENSED ELECTRICIAN.

6. THE ELECTRICAL SYSTEM SHALL BE TESTED AND INSPECTED BY A LICENSED ELECTRICIAN BEFORE OPERATION.

7. THE ELECTRICAL SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE MASSACHUSETTS ELECTRICAL CODE (MEC).

8. THE ELECTRICAL SYSTEM SHALL BE PROTECTED AGAINST OVERCURRENTS AND SHORT CIRCUITS.

9. THE ELECTRICAL SYSTEM SHALL BE PROTECTED AGAINST GROUND FAULTS.

10. THE ELECTRICAL SYSTEM SHALL BE PROTECTED AGAINST OVERHEATING.

11. THE ELECTRICAL SYSTEM SHALL BE PROTECTED AGAINST VIBRATION.

12. THE ELECTRICAL SYSTEM SHALL BE PROTECTED AGAINST CORROSION.

13. THE ELECTRICAL SYSTEM SHALL BE PROTECTED AGAINST POLLUTION.

14. THE ELECTRICAL SYSTEM SHALL BE PROTECTED AGAINST UNDESIRABLE INTERFERENCE.

15. THE ELECTRICAL SYSTEM SHALL BE PROTECTED AGAINST UNDESIRABLE EMISSIONS.

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Architects  
300 Webster Ave.  
Cambridge, MA 02142  
Tel: (617) 452-1100  
Fax: (617) 452-1101

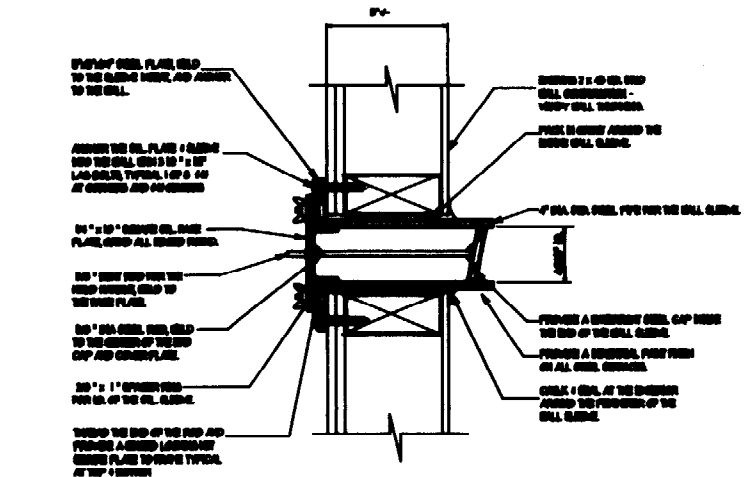
Engineer & Surveyor  
P.O. Box 2887  
Augusta, Maine  
Tel: (207) 624-7700  
Fax: (207) 624-7701

Verizon - Construction Services  
125 High Street  
Boston, Ma.

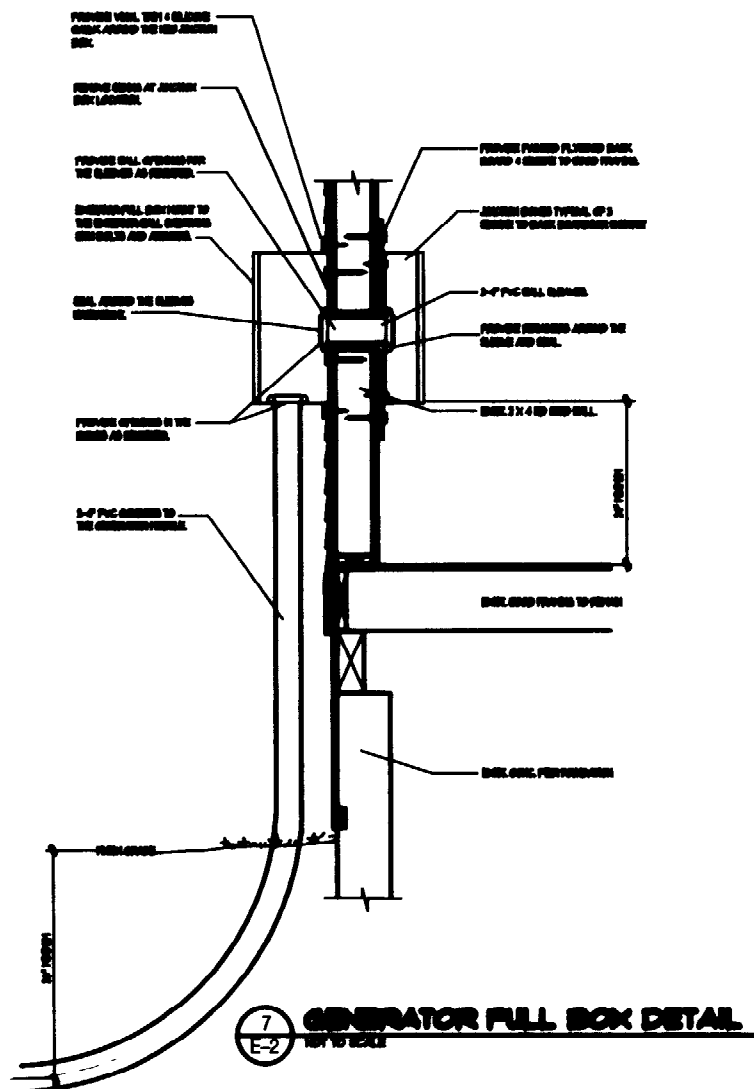
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PEAKS ISLAND CENTRAL OFFICE  
GENERATOR MODULE REPLACEMENT  
Island Avenue, Peaks Island, Me.

ELECTRICAL PLAN

**ROBSONWOESE INC**  
CONSULTING ENGINEERS  
Albany Boston Buffalo Raleigh-Durham Syracuse



8 CABLE FEED WALL SLEEVE DETAIL  
NOT TO SCALE



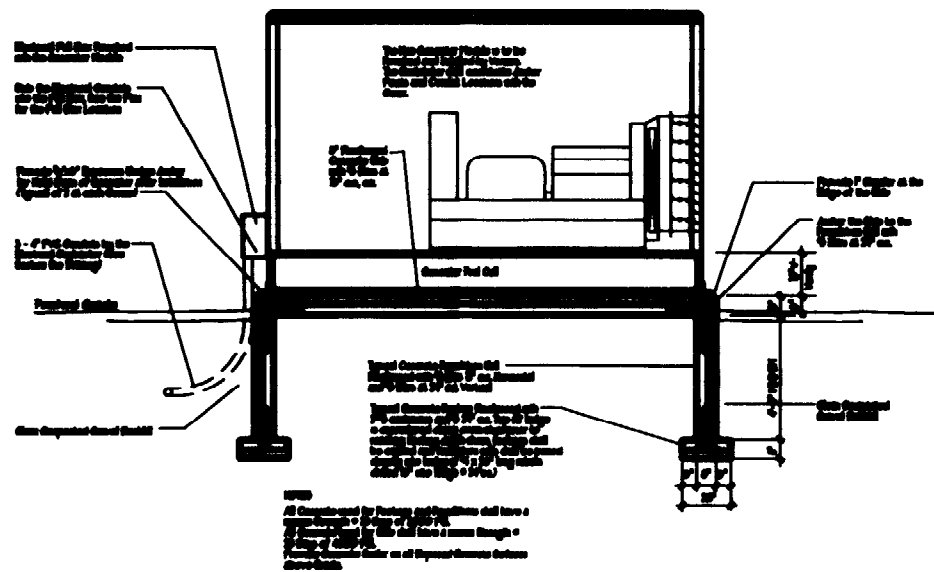
7 GENERATOR FULL BOX DETAIL  
NOT TO SCALE

**NEW PANEL TOP**  
3 PHASE 4 WIRE BOND 200 AMP/100-0-100 VAC

CON.	DESCRIPTION	AMP	PH	WIRE	AMP	WIRE	DESCRIPTION	CON.
1	PH. 1L. FEED (VAC)	200	A	20			FUEL BUS	2
3	"		B	20			"	4
5	"		C	20			"	6
7	GROUNDING BUS	200	A	20			GROUNDING BUS	8
9	"		B	20			"	10
11	"		C	20			"	12
13	BLK		A				BLK	14
15	"		B				"	16
17	"		C				"	18
19	"		A				"	20
21	"		B				"	22
23	"		C				"	24
25	"		A				"	26
27	"		B				"	28
29	"		C				"	30

**EXIST. PANEL TOP (TRANSFER ALL CIRCUIT & REMOVE)**  
3 PHASE 4 WIRE BOND 200 AMP/100-0-100 VAC

CON.	DESCRIPTION	AMP	PH	WIRE	AMP	WIRE	DESCRIPTION	CON.
1	BLK		A				BLK	2
3	"		B				"	4
5	"		C				"	6
7	"		A				"	8
9	AC BUS	200	A	20			AC BUS	10
11	"		B	20			"	12
13	"		C	20			"	14
15	AC BUS	200	A	20			AC BUS	16
17	"		B	20			"	18
19	"		C	20			"	20
21	AC BUS	200	A	20			AC BUS	22
23	"		B	20			"	24
25	"		C	20			"	26
27	AC BUS	200	A	20			AC BUS	28
29	"		B	20			"	30
31	"		C	20			"	32
33	AC BUS	200	A	20			AC BUS	34
35	"		B	20			"	36
37	"		C	20			"	38
39	AC BUS	200	A	20			AC BUS	40
41	"		B	20			"	42
43	"		C	20			"	44
45	AC BUS	200	A	20			AC BUS	46
47	"		B	20			"	48
49	"		C	20			"	50



6 GENERATOR MODULE & FOUNDATION DETAIL  
NOT TO SCALE

**NEW PANEL TOP**  
3 PHASE 4 WIRE BOND 200 AMP/100-0-100 VAC

CON.	DESCRIPTION	AMP	PH	WIRE	AMP	WIRE	DESCRIPTION	CON.
1	AC BUS	200	A	20			AC BUS	2
3	"		B	20			"	4
5	"		C	20			"	6
7	AC BUS	200	A	20			AC BUS	8
9	"		B	20			"	10
11	"		C	20			"	12
13	AC BUS	200	A	20			AC BUS	14
15	"		B	20			"	16
17	"		C	20			"	18
19	AC BUS	200	A	20			AC BUS	20
21	"		B	20			"	22
23	"		C	20			"	24
25	AC BUS	200	A	20			AC BUS	26
27	"		B	20			"	28
29	"		C	20			"	30
31	AC BUS	200	A	20			AC BUS	32
33	"		B	20			"	34
35	"		C	20			"	36
37	AC BUS	200	A	20			AC BUS	38
39	"		B	20			"	40
41	"		C	20			"	42



RobsonWoose Inc  
CONSULTING ENGINEERS  
Albany Boston Buffalo Raleigh-Durham Syracuse

E2

Author: G. George  
P.O. Box 2887  
Augusta, Maine  
Tel: (207) 485-7700  
Fax: (207) 485-7700  
E-mail: ggeorge@robsonwoose.com

Verizon - Construction Services  
125 High Street  
Boston, Ma.

Verizon - Construction Services  
PEAKS ISLAND CENTRAL OFFICE  
GENERATOR MODULE REPLACEMENT  
Island Avenue, Peaks Island, Me.

ELECTRICAL SCHEDULES