

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK
CITY OF PORTLAND

Please Read
 Application And
 Notes, if Any,
 Attached

BUILDING DEPARTMENT
PERMIT

Permit Number: 061671

This is to certify that BROWN J B & SONS / ES Inc Company

has permission to install an emergency generator on roof of building

AT 901 WASHINGTON AVE

171 A005001

PERMIT IS ISSUED

11 23

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of this 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 loaded 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. Jay Kelley 11/21/06

Health Dept. _____

Appeal Board _____

Other _____

Department Name

Al J. Clary 12/23/06
 Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

Scanned

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 06-1671	Issue Date:	CBL: 171 A005001
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Location of Construction: 901 WASHINGTON AVE	Owner Name: BROWN J B & SONS	Owner Address: PO BOX 207	Phone:
Business Name:	Contractor Name: ES Boulos Company	Contractor Address: 45 Bradley Drive Westbrook	Phone: 2074643706
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	Zone: B-2

Past Use: Commercial	Proposed Use: Commercial - install an emergency generator on roof of building	Permit Fee: \$500.00	Cost of Work: \$48,000.00	CEO District: 4
Proposed Project Description: install an emergency generator on roof of building		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B Type: 2B 12/23/06	
		Signature: Jay Kelley 11/21/06	Signature: [Signature]	

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)	
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	Signature: _____ Date: _____

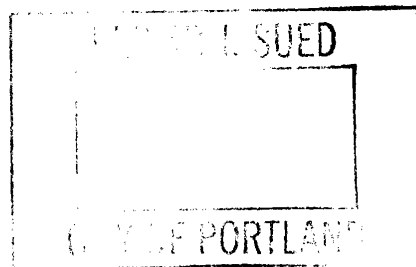
Permit Taker By: ldobson	Date Applied For: 11/16/2006	Zoning Approval
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- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- Building permits do not include plumbing, septic or electrical work.
- 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..

Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> <input type="checkbox"/> Denied Date: 11/16/06	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved Date:	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date:
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Noise restrictions in the B-2 Zone Apply

ok with conditions 11/16/06



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.

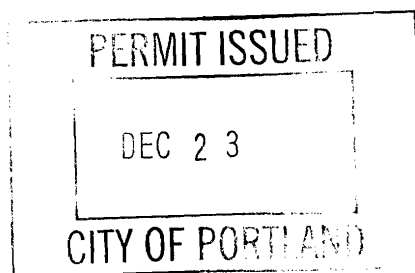
SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 06-1671		Issue Date: 12/27/2006		CBL: 171 A005001	
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Business Name:		Contractor Name: ES Boulos Company		Contractor Address: 45 Bradley Drive Westbrook	
Lessee/Buyer's Name		Phone:		Phone: 2074643706	
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Proposed Project Description: install an emergency generator on roof of building		Permit Fee: \$500.00		Cost of Work: \$48,000.00	
		CEO District: 4		Zone:	
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: Type:	
		Signature:		Signature:	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)			
		Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied			
		Signature:		Date:	
Permit Taken By: Idobson		Date Applied For: 11/16/2006		Zoning Approval	

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SIGNATURE OF APPLICANT

ADDRESS

DATE

PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE

DATE

PHONE



General Building Permit Application

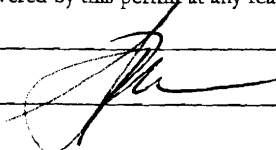
If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>901 Washington Ave.</u>		
Total Square Footage of Proposed Structure		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>170 F 1</u>	Owner: <u>Maine Medical Center</u>	Telephone:
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>E. S. Boulos Co. 45 Bradley Dr. Westbrook, ME 04092 207-464-3706</u>	Cost Of Work: \$ <u>8,000</u> Fee: \$ <u>500</u> C of O Fee: \$ _____
Current Specific use: <u>Medical Office space</u> If vacant, what was the previous use? _____ Proposed Specific use: <u>Same</u>		
Project description: <u>Install emergency generator on roof of building</u>		
Contractor's name, address & telephone: <u>E. S. Boulos Co. 45 Bradley Dr. Westbrook, ME 04092 207-464-3706</u>		
Who should we contact when the permit is ready: <u>Greg Perrin</u>		
Mailing address: <u>Same as above.</u> Phone: <u>207-464-3706</u>		

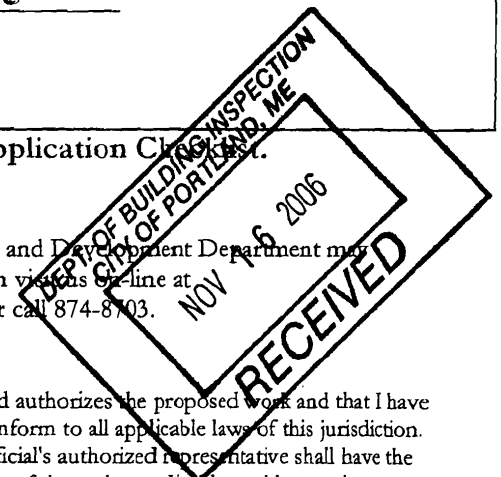
Please submit all of the information outlined in the Commercial Application Checklist.
Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information visit us on-line at www.portlandmaine.gov, stop by the Building Inspections office, room 315 City Hall or call 874-8703.

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: 

Date: 11/16/06



This is not a permit; you may not commence ANY work until the permit is issued.



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM: _____

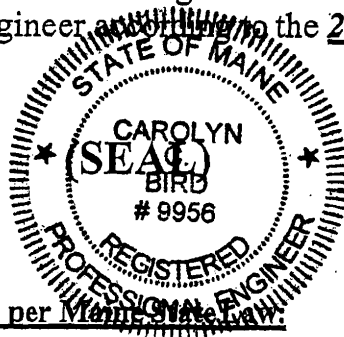
RE: Certificate of Design

DATE: 11.15.06

These plans and / or specifications covering construction work on:

ROOFTOP GENERATOR - STRUCTURAL SUPPORTS FOR ROOF

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the 2003 International Building Code and local amendments.



As per Maine State Law:

\$50,000.00 or more in new construction, repair expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.

Signature: Carolyn Bird

Title: VICE PRESIDENT

Firm: CASCO BAY ENGINEERING

Address: 424 FORE ST.
PORTLAND, ME 04101

FROM DESIGNER: See Drawings

DATE: _____

Job Name: _____

Address of Construction: _____

2003 International Building Code

Construction project was designed according to the building code criteria listed below:

Building Code and Year _____ Use Group Classification(s) _____

Type of Construction _____

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC _____

Is the Structure mixed use? _____ if yes, separated or non separated (see Section 302.3) _____

Supervisory alarm system? _____ Geotechnical/Soils report required? (See Section 1802.2) _____

STRUCTURAL DESIGN CALCULATIONS

_____ Submitted for all structural members
(100.1, 100.1.1)

DESIGN LOADS ON CONSTRUCTION DOCUMENTS
(1603)

Uniformly distributed floor live loads (7603.11, 1607)

Floor Area Use

Loads Shown

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Wind loads (1603.1.4, 1609)

_____ Design option utilized (1609.1.1, 1609.6)

_____ Basic wind speed (1609.3)

_____ Building category and wind importance factor, I_w (Table 1604.5, 1609.5)

_____ Wind exposure category (1609.4)

_____ Internal pressure coefficient (ASCE 7)

_____ Component and cladding pressures (1609.1.1, 1609.5.2.2)

_____ Main force wind pressures (7603.1.1, 1609.5.2.1)

Earthquake design data (1603.1.5, 1614-1623)

_____ Design option utilized (1614.1)

_____ Seismic use group ("Category") (Table 1604.5, 1616.2)

_____ Spectral response coefficients, S_{Ds} & S_{D1} (1615.1)

_____ Site class (1615.1.5)

_____ Live load reduction

(1603.1.1, 1607.9, 1607.10)

_____ Roof live loads (1603.1.2, 1607.11)

_____ Roof snow loads (7603.7.3, 1608)

_____ Ground snow load, P_g (1608.2)

_____ If $P_g > 10$ psf, flat-roof snow load, P_f (1608.3)

_____ If $P_g > 10$ psf, snow exposure factor, C_e (Table 1608.3.1)

_____ If $P_g > 10$ psf, snow load importance factor, I_s (Table 1604.5)

_____ Roof thermal factor, C_t (Table 1608.3.2)

_____ Sloped roof snowload, P_s (1608.4)

_____ Seismic design category (1616.3)

_____ Basic seismic-force-resisting system (Table 1617.6.2)

_____ Response modification coefficient, R , and deflection amplification factor, C_d (Table 1617.6.2)

_____ Analysis procedure (1616.6, 1617.5)

_____ Design base shear (1617.4, 1617.5.1)

Flood loads (1603.1.6, 1612)

_____ Flood hazard area (1612.3)

_____ Elevation of structure

Other loads

_____ Concentrated loads (1607.4)

_____ Partition loads (1607.5)

_____ Impact loads (1607.8)

_____ Misc. loads (Table 1607.8, 1607.8.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)



Power Systems Division

Southworth-Milton, Inc.
16 Pleasant Hill Road
Scarborough, ME 04074
Tel: (207) 885.8044
Fax: (603) 746.4630

November 13, 2006

ATTN: Greg Perron
ES Boulos Co.
45 Bradley Drive
Westbrook, ME 04092

Subject: 901 Washington Ave. / Poison Control Center

Dear Greg:

The Caterpillar Olympian series model G30F3 Natural Gas fueled package generator set that we provided for the above referenced project has an untreated sound level of 88 dB(A) @ 3 feet in free field conditions.

The effects of distance on sound can be dramatic. For example, at 25' away, there will be a decrease of at least 5 dB(A). At 50' away, there will be a decrease of at least 8 dB(A). At 100' away, there will be a decrease of at least 14 dB(A).

For your reference, I've attached the generator set performance data sheet with advertised sound level indicated.

Please feel free to contact me with any questions.

Sincerely,

Mike Gilbert
Power Systems Sales Representative
207-885-8044

S T A N D B Y 3 0 / 3 0 k W
P R I M E 2 7 / 2 7 k W
6 0 H z

OLYMPIAN™

Exclusively from your Caterpillar® dealer

G30F3 (3-Phase)

Materials and specifications are subject to change without notice.

Generator Set Technical Data — 1800 rpm/60 Hz		LP Gas		Natural Gas	
		Standby	Prime	Standby	Prime
Power Rating	kW (kVA)	30.0 (37.5)	27.0 (33.8)	30.0 (37.5)	27.0 (33.8)
Lubricating System Type: Full Pressure Oil Filter: Spin-On, Full Flow Oil Type Required: API CF-4 Total Oil Capacity Oil Pan	U.S. gal (L) U.S. gal (L)	1.5 (5.7) 1.2 (4.7)	1.5 (5.7) 1.2 (4.7)	1.5 (5.7) 1.2 (4.7)	1.5 (5.7) 1.2 (4.7)
Fuel System Generator Set Fuel Consumption 100% Load 75% Load 50% Load	Cfh (m ³ /hr) Cfh (m ³ /hr) Cfh (m ³ /hr)	164 (4.7) 124 (3.5) 85 (2.4)	147 (4.2) 112 (3.2) 74 (2.1)	454 (12.9) 345 (9.8) 236 (6.7)	410 (11.6) 306 (8.7) 204 (5.8)
Engine Electrical System Ignition System: Electronic, Distributorless Voltage/Ground: 12/Negative Battery Charging Generator Ampere Rating	Amps	95	95	95	95
Cooling System Water Pump Type: Centrifugal Radiator System Capacity Incl. Engine Maximum Coolant Static Head Coolant Flow Rate Minimum Water Temperature to Engine Temperature Rise Across Engine (Air) Heat Rejected to Coolant at Rated Power Total Heat Radiated to Room at Rated Power Radiator Fan Load	U.S. gal (L) Ft H ₂ O (m H ₂ O) U.S. gal/hr (L/min) °F (°C) °F (°C) Btu/min (kW) Btu/min (kW) Hp (kW)	5.3 (20) 32.4 (9.8) 1236 (79.5) 169 (76) 9 (5) 1182 (20.8) 932 (16.4) 1.88 (1.4)	5.3 (20) 32.4 (9.8) 1236 (79.5) 169 (76) 9 (5) 1069 (18.8) 847 (14.9) 1.88 (1.4)	5.3 (20) 32.4 (9.8) 1236 (79.5) 169 (76) 9 (5) 1182 (20.8) 932 (16.4) 1.88 (1.4)	5.3 (20) 32.4 (9.8) 1236 (79.5) 169 (76) 9 (5) 1069 (18.8) 847 (14.9) 1.88 (1.4)
Air Requirements Combustion Air Flow Maximum Air Cleaner Restriction Radiator Cooling Air (zero restriction) Generator Cooling Air Allowable Air Flow Restriction (After radiator) Cooling Airflow (@ rated speed) Rate with restriction	Cfm (m ³ /min) In H ₂ O (kPa) Cfm (m ³ /min) Cfm (m ³ /min) In H ₂ O (kPa) Cfm (m ³ /min)	53 (1.5) 10.1 (2.5) 6356 (180) 381 (10.8) 0.5 (0.125) 4238 (120)	50 (1.4) 10.1 (2.5) 6356 (180) 381 (10.8) 0.5 (0.125) 4238 (120)	53 (1.5) 10.1 (2.5) 6356 (180) 381 (10.8) 0.5 (0.125) 4238 (120)	50 (1.4) 10.1 (2.5) 6356 (180) 381 (10.8) 0.5 (0.125) 4238 (120)
Exhaust System Maximum Allowable Backpressure Exhaust Flow at Rated kW Exhaust Temperature at Rated kW — Dry Exhaust	In Hg (kPa) Cfm (m ³ /min) °F (°C)	4.5 (15.3) 141 (4) 1080 (584)	4.5 (15.3) 131 (3.7) 1054 (570)	4.5 (15.3) 141 (4) 1080 (584)	4.5 (15.3) 131 (3.7) 1054 (570)
Generator Set Noise Rating* (Without Attenuation) at 3 ft (1 m)	dB(A)	88	88	88	88

Generator Technical Data		277/480V	120/240V	120/208V
Motor Starting Capability: (kVA) (30% Voltage Dip)	Self Excited	72	54	54
	AREP Excited	85	64	64
Full Load Efficiencies (LPG):	Standby	90.1	89.0	89.0
	Prime	90.4	89.5	89.5
Reactances (per unit): Reactances shown are applicable to the LPG standby rating	X _d	2.21	2.94	2.94
	X' _d	0.12	0.16	0.16
	X'' _d	0.058	0.078	0.078
	X _q	1.10	1.47	1.47
	X' _q	0.083	0.110	0.110
	X ₂	0.071	0.094	0.094
	X ₀	0.006	0.007	0.006
Time Constants:	t' _d 25 ms	t'' _d 2.5 ms	t' _{do} 469 ms	t _a 4 ms

* dB(A) levels are for guidance only

ALL STRUCTURAL STEEL WORK SHALL CONFORM TO:

AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION, MANUAL OF STEEL CONSTRUCTION, NINTH EDITION
AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES

STRUCTURAL STEEL MEMBERS SHALL BE IN CONFORMANCE WITH THE FOLLOWING:

ALL STEEL, UNO	ASTM A572, GRADE 50
ANGLES, PLATES	ASTM A36, Fy=36 KSI
STRUCTURAL TUBING	ASTM A500, GRADE B, Fy=46 KSI
STEEL PIPE	ASTM A53, TYPE E OR S, GRADE B, Fy=35 KSI

SHOP DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO COMMENCING FABRICATION.
SHOP DRAWINGS SUBMITTALS SHALL INCLUDE:

CERTIFIED MILL TEST REPORTS OF STRUCTURAL STEEL (INCLUDING NAMES AND LOCATIONS OF MILLS AND SHOPS).
CERTIFIED MILL TEST REPORTS OF BOLTS, NUTS AND WASHERS (INCLUDING NAMES AND LOCATIONS OF MILLS AND SHOPS).

STRUCTURAL STEEL FABRICATION AND ERECTION DRAWINGS WHICH INCLUDE BOLTED CONNECTIONS (SHOP AND FIELD) AND WELDED CONNECTIONS (SHOP AND FIELD) DEPICTING AWS WELDING SYMBOLS.

METAL DECK SHOP DRAWINGS DEPICTING SHEAR STUD LAYOUT ON BEAMS AND GIRDERS.

OWNER SHALL RETAIN A QUALIFIED TESTING AGENCY TO PERFORM AND VERIFY THE FOLLOWING:

VISUAL INSPECTION OF ALL WELDS.

ULTRASONIC TESTING, IN ACCORDANCE WITH ASTM E-164, ON 100% OF ALL FIELD FULL PENETRATION WELDS.

PROVIDE RANDOM VERIFICATION VIA ULTRASONIC TESTING OF SHOP FULL PENETRATION WELDS.

FIELD BOLTED CONNECTIONS, INCLUDING VERIFICATION OF BOLT GRADES.

SHEAR STUD QUANTITY, PROPER INSTALLATION, SIZE, AND SPACING. SHEAR STUDS SHALL CONFORM TO AWS D1.1.

BOLTED CONNECTIONS

FIELD CONNECTIONS SHALL UTILIZE MINIMUM 3/4-INCH DIAMETER A325 HIGH STRENGTH BOLTS, UNO.

BOLTED CONNECTION SHALL BE SLIP CRITICAL (SC) AT ALL MOMENT FRAMES, BRACED FRAMES, AND AT ADDITIONAL LOCATIONS INDICATED IN THE DRAWINGS. SLIP CRITICAL CONNECTIONS SHALL UTILIZE LOAD INDICATOR WASHERS OR TENSION CONTROL BOLTS. BOLT HOLES SHALL BE STANDARD SIZE, UNO.

HIGH STRENGTH BOLTS SHALL BE INSTALLED AND TIGHTENED PER AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS.

ANCHOR BOLTS SHALL CONFORM TO ASTM A307, GRADE A, STANDARD HEX HEAD FURNISHED WITH HEAVY HEX NUTS AND LOCK WASHERS.

CONTRACTOR SHALL DESIGN CONNECTIONS NOT ALREADY DETAILED ON STRUCTURAL DRAWINGS. DESIGN SHALL BE STAMPED BY A LICENSED STRUCTURAL ENGINEER AND SUBMITTED PRIOR TO COMMENCING FABRICATION.

WELDED CONNECTIONS

WELDING SHALL CONFORM TO AWS D1.1. USE LOW-HYDROGEN SMAW ELECTRODES WITH MINIMUM TENSILE STRENGTH OF 70 KSI.

STRUCTURAL STEEL SHALL RECEIVE THE FOLLOWING PROTECTIVE COATINGS:

DO NOT PAINT SURFACES TO RECEIVE METAL DECK AND/ OR SHEAR CONNECTORS FASTENED BY WELDING, CONTACT SURFACES OF HIGH STRENGTH BOLTED CONNECTIONS, FINISHED BEARING SURFACES, AND SURFACES TO BE WELDED IN THE FIELD. IF REQUIRED, PROTECT THESE SURFACES BY RUST-INHIBITING COATING THAT CAN BE REMOVED EASILY PRIOR TO ERECTION

UNEXPOSED STRUCTURAL STEEL SHALL BE CLEANED IN ACCORDANCE WITH SSPC-SP3 AND PAINTED WITH PRIMER PAINT, TNE MEC 10-99, OR EQUIVALENT, UNO.

EXPOSED STRUCTURAL STEEL TO RECEIVE ZINC-RICH EPOXY PAINT SHALL BE FIRST CLEANED IN ACCORDANCE WITH SSPC-SP6, COMMERCIAL BLAST CLEANING. USE TNE MEC ZIN-RICH EPOXY PAINT, OR EQUIVALENT. APPLY FINISH COAT PER ARCHITECT.

EXPOSED STRUCTURAL STEEL TO BE HOT-DIPPED GALVANIZED SHALL BE IN ACCORDANCE WITH ASTM A123.

SHEAR CONNECTOR STUDS

SHEAR CONNECTOR STUDS SHALL BE NELSON, OR EQUIVALENT, 3/4-INCH DIAMETER, UNO. WELD STUDS PER STUD MANUFACTURER'S RECOMMENDATIONS THROUGH METAL DECKING. STUD LENGTH SHALL BE 1-INCH BELOW TOP OF CONCRETE SLAB ON DECK.

SHEAR STUDS, WHERE REQUIRED, ARE INDICATED ON THE DRAWINGS AS [XX], WHERE XX IS THE NUMBER OF STUDS EQUALLY SPACED BETWEEN SUPPORTS ON A BEAM OR GIRDER.

THE FOLLOWING BUILDING CODES AND STANDARDS SHALL APPLY:

IBC	2003 EDITION OF THE IBC INTERNATIONAL BUILDING CODE
ASCE 7	AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS AND CRITICAL EFFECTS
ACI 301	AMERICAN CONCRETE INSTITUTE SPECIFICATION FOR STRUCTURAL CONCRETE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., MANUFACTURING AND CONSTRUCTION SPECIFICATIONS FOR STRUCTURAL STEEL
ACI 318	AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
NDS	NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, 2001.

REFERENCE ARCHITECTURAL PLANS FOR DIMENSIONS AND LOCATIONS OF ALL ELECTRICAL, AND ARCHITECTURAL PLANS FOR SIZES AND LOCATIONS OF DUCTS, PIPING, CURBS, AND EQUIPMENT PADS. IN THE DRAWINGS, SPECIFICATIONS, OR NOTES ON THE DRAWINGS TO CONSTRUCTION.

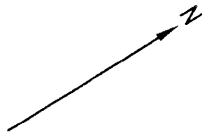
EXISTING DIMENSIONS AND CONDITIONS ARE FOR REFERENCE ONLY. ALL EXISTING CONSTRUCTION AND DIMENSIONS IN THE FIELD SHALL BE REPORTED TO THE ENGINEER. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THERE ARE ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS OR APPROVED SHOP DRAWINGS OR OTHER CAUSES.

THE STRUCTURE IS SELF-SUPPORTING AND STABLE AT ALL TIMES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ERECTING AND BRACING THE STRUCTURE DURING CONSTRUCTION AND ERECTION. THE CONTRACTOR SHALL DESIGN TEMPORARY BRACING/SHORING IS NEEDED.

STEEL NOTES

GENERAL NOTES



EXISTING NURSES
ENTRANCE

PROPOSED GENERATOR
LOCATION

L4x4x1/4

EXIST. COL.

1/S2.1

1/S2.1

EXIST. BEAM

EXIST. BEAM

EXIST. BEAM

EXIST. BEAM

EXIST. BEAM

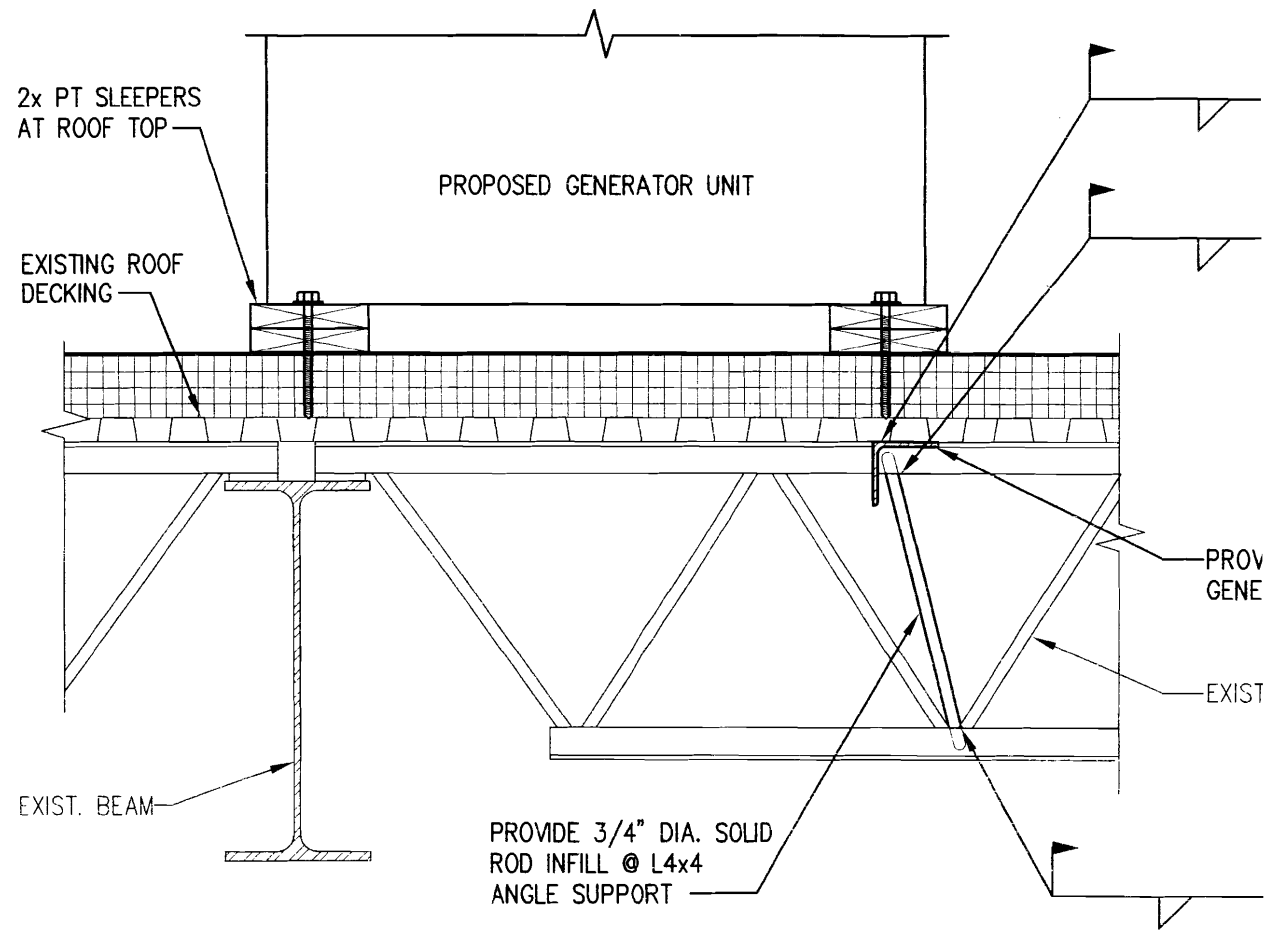
EXIST. BEAM

EXIST. BEAM

EXISTING VISICU
ROOFTOP GENERATOR

EXISTING BAR JOISTS
(TO REMAIN)

PARTIAL ROOF FRAMING PLAN



SECTION