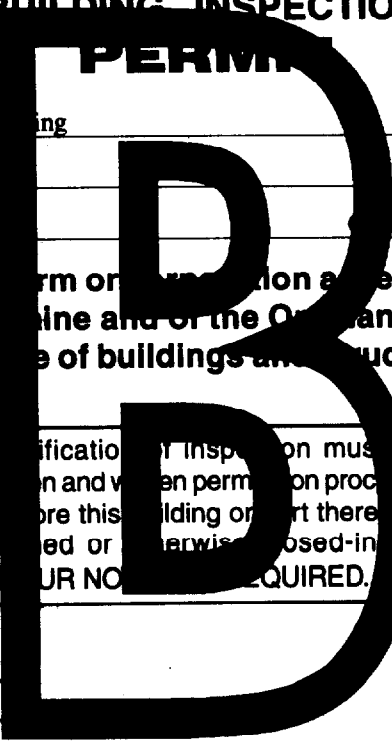


DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING INSPECTION

Permit Number: 030434

Please Read Application And Notes, If Any, Attached



This is to certify that State Of Maine/Northland Region

has permission to Structural upgrade to roof.

AT 760 Stevens Ave 145 B018001

provided that the person or persons who accept this permit shall comply with all of the provisions of the Statutes of Maine 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.

Inspection must be given and when permission is given before this building or part thereof is occupied or otherwise closed-in. YOUR NOTICE REQUIRED.

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

OTHER REQUIRED APPROVALS

Fire Dept. [Signature]

Health Dept. _____

Appeal Board _____

Other _____
Department Name

[Signature]
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: 03-0434	Issue Date:	CEB: 145 B018001
-----------------------	-------------	---------------------

Location of Construction: 760 Stevens Ave	Owner Name: State Of Maine	Owner Address:	Phone:
Business Name: n/a	Contractor Name: Northland Roofing	Contractor Address: Central Dr. Presque Isle	Phone 8008947024
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Alterations - Commercial	Zone: RS

Past Use: Armory	Proposed Use: Armory with structural upgrade to roof.	Permit Fee: \$2,102.00	Cost of Work: \$296,730.00	CEO District: 3
---------------------	--	---------------------------	-------------------------------	--------------------

Proposed Project Description: Structural upgrade to roof.	FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>NA</i> Type: <i>Roof Repair</i>
	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>

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: gg	Date Applied For: 04/25/2003	Zoning Approval	
------------------------	---------------------------------	------------------------	--

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. 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 <input type="checkbox"/> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied	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: <i>5/2/03</i>	Date: _____	Date: _____

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

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

Permit No: 03-0434	Date Applied For: 04/25/2003	CBL: 145 B018001
------------------------------	--	----------------------------

Location of Construction: 760 Stevens Ave	Owner Name: State Of Maine	Owner Address:	Phone:
Business Name: n/a	Contractor Name: Northland Roofing	Contractor Address: Central Dr. Presque Isle	Phone: (800) 894-7024
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Alterations - Commercial	

Proposed Use: Armory with structural upgrade to roof.	Proposed Project Description: Structural upgrade to roof.
---	---

Dept: Zoning	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 05/02/2003
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
Dept: Building	Status: Approved with Conditions	Reviewer: Mike Nugent	Approval Date: 05/12/2003
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) William Faucher from Allied Engineering will be supervising the welds and other steel fasteners and providing reports as created for special inspections.			
Dept: Fire	Status: Approved	Reviewer: Lt. McDougall	Approval Date: 05/05/2003
Note:	Ok to Issue: <input checked="" type="checkbox"/>		

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: <u>760 Stevens Ave.</u>		
Total Square Footage of Proposed Structure		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>145 B 018</u>	Owner: <u>State of Maine</u>	Telephone:
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>Northland Roofing 601 Central DRIVE Presque Isle, ME 04769</u>	Cost Of Work: <u>896,130.00</u> 350,675.00 Fee: 2480.00 <u>Total 9102.00</u>
Current use: <u>armory</u>		
If the location is currently vacant, what was prior use: _____		
Approximately how long has it been vacant: _____		
Proposed use: <u>armory with structural upgrade to roof</u>		
Project description: <u>remove roof, add structural supports to underside of roof and replace roof.</u>		
Contractor's name, address & telephone: <u>Northland Roofing Central DRIVE Presque Isle, Me. 1-800-894-7024</u>		
Who should we contact when the permit is ready: <u>Sherry or Kevin</u>		
Mailing address: <u>P.O. Box 1797 601 Central DRIVE Presque Isle, ME. 04769</u>		
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. PHONE: <u>1-800-894-7024</u>		

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: <u>[Signature]</u>	Date: <u>4/24/03</u>
--	----------------------

**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**



CITY OF PORTLAND MAINE

389 Congress St., Rm 315

Portland, ME 04101

Tel. - 207-874-8704

Fax - 207-874-8716

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

FROM DESIGNER: allied engineering, inc.

One Westbrook Common, Westbrook, ME 04092

DATE: April 29, 2003

Job Name: Stevens Avenue Armory - Reroof/Structure Upgrade

Address of Construction: Stevens Avenue, Portland, Maine

THE BOCA NATIONAL BUILDING CODE/1999 Fourteenth EDITION

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

Building Code and Year: BOCA 1999/14th Ed. & Local Amendments Use Group Classification(s): A-Z

Type of Construction: 3B Bldg. Height: 25-30 Ft. Bldg. Sq. Footage: 14,700 Drill Hall onl

Seismic Zone: 2 Group Class: Seismic Hazard Exposure Group III

Roof Snow Load Per Sq. Ft.: Adjusted P_f = 42.0 psf Dead Load Per Sq. Ft.: 10 psf

Basic Wind Speed (mph): 85 mph Effective Velocity Pressure Per Sq. Ft.: 18.5 psf

Floor Live Load Per Sq. Ft.: N/A

Structure has full sprinkler system? Yes No Alarm System? Yes No
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department.

Is structure being considered unlimited area building: Yes No

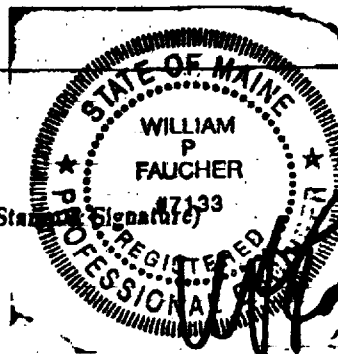
If mixed use, what subsection of 313 is being considered: N/A

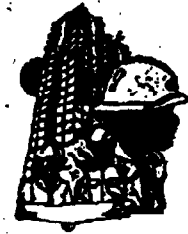
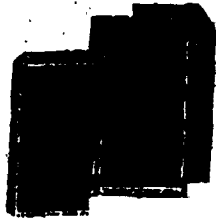
List Occupant loading for each room or space, designed into this Project.

Drill Hall (only) 200-300

PSH 6/072K

(Designers Stamp & Signature)





**CITY OF PORTLAND
BUILDING CODE CERTIFICATE**
389 Congress St., Rm 315
Portland, ME 04101

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

FROM: allied engineering, inc.

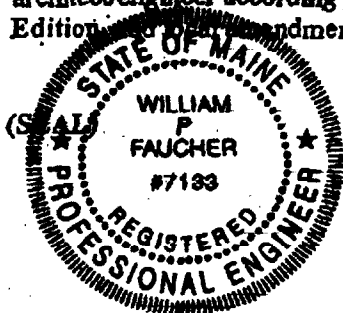
RE: Certificate of Design

DATE: April 29, 2003

These plans and/or specifications covering construction work on:

Armory reroofing/structural upgrade - Stevens Avenue Armory,
Portland, Maine Drill Hall project No. APO3-063C

Have been designed and drawn up by the undersigned, a Maine registered architect/engineer according to the BOCA National Building Code/1999 Fourteenth Edition and amendments.



Signature William P. Faucher
William P. Faucher, P.E.

Title Principal

Firm allied engineering, inc.

Address One Westbrook Common
Westbrook, ME 04092

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.

DEPARTMENT OF DEFENSE VETERANS AND EMERGENCY MANAGEMENT

MILITARY BUREAU
Headquarters, Maine National Guard
Camp Keyes, Augusta, Maine 04333-0033

PLANS AND SPECIFICATIONS

STRUCTURAL UPGRADE AND REPLACE ROOFING SYSTEM FOR DRILL HALL AREA
AT STEVENS AVE. ARMORY, PORTLAND, MAINE

[Project Number AP03-063C]

[Bid Number 03-003]

January 2003

Prepared By:

allied *engineering, inc.*

FULL SERVICE CONSULTING ENGINEERS

STRUCTURAL • MECHANICAL • ELECTRICAL • ENVIRONMENTAL • CONSTRUCTION ADMINISTRATION
One Westbrook Common • Westbrook, Maine 04092-2804 • Telephone 207-854-8126

Addendum #1

STRUCTURAL UPGRADE AND REPLACE ROOFING SYSTEM FOR DRILL HALL AREA, AT STEVENS AVE. ARMORY, PORTLAND, MAINE

Project Number AP03-063C, Bid Number 03-003

Directorate of Facilities Engineering

27 February 2003

Section 2 Items:

1. Replace Section 2-B, page 1 of 2 and 2 of 2, with enclosed Revised Section 2-B, page 1 of 2 and 2 of 2.

Note: Addendum #1 noted.

Drawing Items

CHANGES TO THE DRAWINGS

A. DRAWING SD-100

1. Roof Demolition Plan A1:
 - a. For location see Note #8, Add Note #10 to Demolition Key Notes as follows:
From end "Truss B" to end "Truss B", under all wood beams there are 6" x 4" LTI 12 frames that used to be a framing system for an old sloped roof system, all these 6" x 4" LTI 12 frames shall be removed as not to interfere with new structural steel. See drawing SF-100, Detail A4, area where new W8 x 10 and W12 x 22 shall be installed. The Contractor will field verify amount of steel framing to be removed.

B. DRAWING SF-100

1. Detail A2:
 - a. **DELETE** note reference: "(2) ¾" dia. A325 Bolts Typ. at each (E) truss"
 - b. **ADD** in its place: "(2) ¾" dia. A307 Bolts Typ. at each (E) truss with lock washer"
2. Detail B3:
 - a. Provide angle tab 3x3x3/8" for both top and bottom.
 - b. Channel reference to an "(E) C6x8.2" is incorrect. Member does not exist. Member to be provided under this contract.
3. Detail D1:
 - a. Remove Detail in its entirety.

Addendum #1

**STRUCTURAL UPGRADE AND REPLACE ROOFING SYSTEM FOR DRILL HALL
AREA, AT STEVENS AVE. ARMORY, PORTLAND, MAINE**

Project Number AP03-063C, Bid Number 03-003

Directorate of Facilities Engineering

27 February 2003

4. Truss Details, F1 & G1:
See Attachment #1.
 - a. Reinforcement Schedule Replacements for both Details F1 and G1 on Sheet SF-100.

5. Details F7 & F9:
See Attachment #2.
 - a. Detail F7 - Revised to reflect modified perimeter blocking, blocking fastening requirements and bearing plate anchorage to masonry wall.
 - b. Detail F9 - Revised to reflect modified perimeter blocking, blocking fastening requirements and bearing plate anchorage to masonry wall.

SECTION 2-B

PROPOSAL

BIDDER

TO: DEPARTMENT OF DEFENSE, VETERANS AND EMERGENCY MANAGEMENT
MILITARY BUREAU
Headquarters, Maine National Guard
Building 8, Camp Keyes, 194 Winthrop Street
Augusta, Maine 04333-0033

A. Having carefully examined the forms of Contract, General Conditions, Plans and Specifications dated January 2003, prepared by the Directorate of Facilities Engineering, for:

STRUCTURAL UPGRADE AND REPLACE ROOFING SYSTEM FOR DRILL HALL AREA, AT STEVENS AVE. ARMORY, PORTLAND, MAINE
Project Number AP03-063C

as well as the premises and conditions affecting the work, we the undersigned propose to furnish all labor, equipment and materials necessary for and reasonably incidental to the construction and completion of this Proposal for the amount of:

DESCRIPTION OF BASE BID:

The Work of the Contract involves new roofing system for drill hall area. Remove existing roof drains, surfacing materials, including asbestos and wood decking. Structural modifications to the existing roof truss system including lead abatement. Install new metal decking, roof insulation, roof drains new rain water piping and E.P.D.M. roofing system, and miscellaneous mechanical and electrical removal and reinstallation, in accordance with Plans and Specification.

Base Bid Drawings consist of:

- Cover Sheet
- S-000 Structural Notes
- SD-100 Demolition Plan-Structural and Mechanical
- SF-100 Roof Framing Plan
- SE-100 Roof Plan
- MH-100 Mechanical Roof Plan

Base Bid Lump Sum. Dollars \$_____

B. This Proposal includes the following addenda to the Plans and Specifications:

Addendum No. 1, Dated 27 February 2003.

Addendum No. _____, Dated _____

- C. The undersigned acknowledges that all prices within this Section, 2-B PROPOSAL, must filled in, to include Base Bid, Added Alternates and Unit Prices; or the Bidder will be considered non-responsive and this bid will be rejected.

The undersigned agrees, if awarded the Contract, the Contractor shall not start work until 1 May 2003 and all work shall be completed before 20 July 2003. The Contract will terminate on 15 August 2003.

- D. The undersigned agrees, if the Proposal is accepted, to sign a Contract and deliver it, along with the affidavits of all insurance's specified within 3 calendar days after the date of notification of such acceptance, except if the 3rd day falls on a holiday, a Saturday, or a Sunday then the conditions will be fulfilled if the required documents are received before 12:00 o'clock noon the day following the holiday, or the Monday following the Saturday or Sunday.

SIGNED BY: _____

Address

Note: If Bidder is a corporation, write State of incorporation, and if a partnership; give full names of all partners.

REINFORCEMENT SCHEDULE		
MEMBER ID	EXISTING MEMBER SIZE	ADDED PER EXISTING MEMBER
M-1	(1) L 2 1/2x2 1/2x5/16	3/4" SQUARE FLAT BAR
M-2	(2) L 4x3x3/8	1" SQUARE FLAT BAR
M-3	(1) L 2 1/2x2 1/2x5/16	3/4" SQUARE FLAT BAR
M-4	(2) L 2 1/2x2 1/2x3/8	1" SQUARE FLAT BAR

NOTE:

1. SEE G7/SF-100 FOR WELDING REQUIREMENTS
2. FLAT BARS SHALL BE CONTINUOUS FOR LENGTH OF WEB AND SHALL EXTEND TO WITHIN 2" OF CONNECTION PLATE (TYP. BOTH ENDS).



G1/SF-100	REVISED TRUSS TYPE "A" REINFORCEMENT SCHEDULE
-	

REINFORCEMENT SCHEDULE		
MEMBER ID	EXISTING MEMBER SIZE	ADDED PER EXISTING MEMBER
M-5	(1) L 2 1/2x2 1/2x1/4	3/4" SQUARE FLAT BAR
M-6	(2) L 3 1/2x3 1/2x5/16	1" SQUARE FLAT BAR
M-7	(1) L 2 1/2x2 1/2x1/4	3/4" SQUARE FLAT BAR
M-8	(2) L 3 1/2x3 1/2x5/16	1" SQUARE FLAT BAR
M-9	(1) L 2 1/2x2 1/2x1/4	3/4" SQUARE FLAT BAR

NOTE:

1. SEE G7/SF-100 FOR WELDING REQUIREMENTS
2. FLAT BARS SHALL BE CONTINUOUS FOR LENGTH OF WEB AND SHALL EXTEND TO WITHIN 2" OF CONNECTION PLATE (TYP. BOTH ENDS).

F1/SF-100	REVISED TRUSS TYPE "B" REINFORCEMENT SCHEDULE
-	

SKS-01	ISSUED FOR ADDENUM No. 1 DRILL HALL		 allied <i>engineering, inc.</i>	
	STEVENS AVE. PORTLAND, MAINE			
	Scale: NO SCALE	Project No: 02017		
	Date: 02/27/03	CAD File: 02017SF.dwg		
		<small>One Westbrook Common, Westbrook, Maine 04092-2804 Telephone No: 207-854-8126 • Fax No: 207-854-0803 E-Mail: info@allied-eng.com • www.allied-eng.com</small>		

INSULATION PROVIDED BY
DECK MANUFACTURER AND
INSTALLED BY CONTRACTOR

3" METAL DECKING

3/16" 2"

2x PRESSURE TREATED
BLOCKING AS REQUIRED

1x FACIA AS REQUIRED

W8x10

(2) 2x8 PT w/1/2" HILTI
HIT HY 150. @ 24" O.C.
(MIN. EMBED. 12")
COUNTER SINK HEADS

L 8x6x1/2x1'-2" (LLH) LONG
w/ (2) 1/2" HILTI HIT HY 150
w/MIN. 4 1/2" EMBED.

(E) WOOD NAILER
TO REMAIN

LINE OF MASONRY WALL
BEYOND

NOTE:

REMOVE/REPLACE MASONRY AS
REQUIRED TO INSTALL BEAM AND
BEARING ANGLE. (TYP. EA. LOC.)

1 1/2"

F9/SF-100

REVISED DETAIL

-

(2) 2x8 PT w/1/2" HILTI
HIT HY 150. @ 24" O.C.
(MIN. EMBED. 12")
COUNTER SINK HEADS

3" METAL DECK
SEE PLAN

2X PRESSURE
TREATED
BLOCKING AS
REQUIRED

1x FACIA AS
REQUIRED

CONT. 3/8"x0'-10" BENT
PLATE w/1/2" HILTI HIT
HY 150 @ 32" O.C. w/MIN.
4 1/2" EMBED.

4"
6"

1 1/2"

F7/SF-100

REVISED DETAIL

-

SKS-02

ISSUED FOR ADDENDUM No. 1
DRILL HALL
STEVENS AVE.
PORTLAND, MAINE

Scale: NO SCALE

Project No: 02017

Date: 02/27/03

CAD File: 02017SF.dwg

allied
engineering, inc.

One Westbrook Common, Westbrook, Maine 04092-2804
Telephone No: 207-854-8128 • Fax No: 207-854-0603
E-Mail: info@allied-eng.com • www.allied-eng.com



**STEVENS AVENUE ARMORY
DRILL HALL
PORTLAND, MAINE**

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January, 2003

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	2-B Proposal
	2-C1 General Contract Bid Bond
	2-C2 General Contract Performance Bond
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SECTION 5

Plans:

	Cover Sheet
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SD-100	Demolition Plan Structural and Mechanical
SF-100	Roof Framing Plan
SE-100	Roof Plan
MH-100	Mechanical Roof Plan

SECTION 1
SHORT FORM
INSTRUCTIONS TO BIDDERS

STATE PROJECTS

1. At the time of the opening of Proposals, each bidder will be presumed to have inspected the site and to have read and to be thoroughly familiar with the Plans and Contract Documents, including all Addenda. The failure or omission of any Bidder to receive or examine any form, instrument, or document shall in no way relieve any Bidder from any obligation in respect to his Proposal. The Owner reserves the right to accept or reject any or all Proposals as may best serve the interest of the Owner.
2. Subject to the Owner's right, reserved herein, to accept or reject any or all Proposals, the General Contractor will be selected on the basis of the sum of the lowest acceptable Proposal plus such of the Alternates as the Owner desires to use.
3. The Owner is exempt from the payment of Federal Excise Taxes on articles not for resale and the Federal Transportation Tax on all shipments. The Contractor shall quote less these taxes. Upon application, exemption certificates will be furnished when required.
4. Maine State Sales and Use Taxes should not be included in your quotation as the Owner is exempt from the payment of such taxes.
5. No Proposal may be withdrawn during a period of thirty (30) calendar days immediately following the opening thereof.
6. No Contract may be assigned, sublet or transferred without the written consent of the Owner.
7. In accordance with Title 5, M.S.R.A., Section 1743, no General Contractor shall sublet more than 80% of the Contract Amount.
8. (a) All foreign corporations intending to do business in the State of Maine must comply with provisions of 13-A M.R.S.A., Chapter 12. Any Foreign Corporation receiving Notice of Award of Contract shall contact the Secretary of State for the purpose of complying with this Statute.

(b) All individuals not residents of this State must comply with the provisions of Title 14 M.R.S.A., Section 704.

(c) It may be necessary for the Contractor to submit to the Owner documentary evidence that the above provisions have been complied with.
9. For contract awards greater than \$100,000, the selected General Contractor will be required to furnish a 100% Contract Performance Bond and a 100% Contract Payment Bond to cover the execution of his Contract. Form of Bonds are shown in Section 2-C2 and 2-C3 when applicable.

This provision shall not apply to employment openings which the Contractor proposes to fill from within its own organization.:

Two copies of a "Quarterly Report of New Hires" shall be prepared by the 7th day of January, April, July and October for the calendar quarter to which date pertains and sent to the local office of the Maine Employment Security Commission.

A copy of the reporting form is attached to these Instructions to Bidders. These may be obtained from the nearest office of the M.E.S.C. serving the area.

(b) Code of Fair Practices: Executive Order No. 11, dated July 1, 1972, requires that every State Contract for Public Works contain the following provisions: "During the performance of this Contract, the Contractor agrees as follows:

- (1) The Contractor will not discriminate against any employee or applicant for employment because of race, color, religious creed, sex, national origin, ancestry or age. Such action shall include, but not be limited to the following: Employment, upgrading, demotions, transfers, recruitment or recruitment advertising; layoffs or terminations; rates of pay or other forms of compensation; and selection for training including apprenticeship.
- (2) The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religious creed, sex, national origin, ancestry or age.
- (3) The Contractor will send to each labor union or representative of the workers with which he has a collective or bargaining agreement, or other Contract or understanding, whereby he is furnished with labor for the performances of his Contract, a notice, to be provided by the contracting Department or Agency, advising the said labor union or workers' representative of the Contractors commitment under this section and shall post copies of the notice in conspicuous places available to employees and to applicants for employment."
- (4) The Contractor will cause the foregoing provisions to be inserted in all Contracts for any Work covered by this Agreement so that such provisions will be binding upon each Subcontractor.

16. OSHA - Safety Regulations. This Project is subject to compliance with all requirements of the Occupational Safety and Health Administration, Volume 36, No. 105 of the Federal Register, U.S. Department of Labor published Saturday, May 29, 1971, as amended.

17. Any Proposal that contains an escalation clause will be invalid.

SUPPLEMENT TO SPECIAL PROVISIONS

EXECUTIVE ORDER #5

APPLICABLE TO "STATE CONTRACTORS AND SUBCONTRACTORS"

All State contracts negotiated on or after December 6, 1971, shall include a clause requiring the Contractor, or any Subcontractor holding a contract directly under that Contractor, to the maximum feasible, to list all of its suitable openings with the Maine Employment Security Commission.

Such a clause will require the Contractor and any Subcontractor to list all job openings in his organization in Maine, whether the jobs are generated by the contract or not. Excepted from listing will be jobs which the Contractor will fill:

1. Through promotion or transfer of employees already in his organization;
2. Through recall of former employees on lay-off status;
3. Through a bona-fide employer-union agreement which requires new hires to be made only through union sources.

The contract will not require hiring only from applicants referred by the Maine Employment Security Commission. The Contractor will be free to make his own hiring decisions.

Reporting

To determine the effectiveness of the order in providing jobs for Vietnam veterans, State Departments and Agencies, Contractors and their Subcontractors will be required to file quarterly reports with the Maine Employment Security Commission. These reports will indicate only the total number of individuals hired during the reporting period and the number of personnel hired who were Vietnam-era veterans (in service on or after August 5, 1964) who received other than a dishonorable discharge. Such reports will be due not later than the 7th day of the month following the end of each calendar quarter (e.g. April 7, 1972 for the quarter ending March 31, 1972). Report forms (sample attached) will be available from the Maine Employment Security Commission.

ARMORY RE-ROOFING

STEVEN'S AVE

ARMORY

PORTLAND, MAINE

DRILL HALL

PROJECT NUMBER: AP03 - 063C

JANUARY 2003

INDEX OF DRAWINGS

COVER SHEET
 S-000 STRUCTURAL NOTES
 SD-100 DEMOLITION PLAN ~
 STRUCTURAL AND MECHANICAL
 SF-100 ROOF FRAMING PLAN
 SE-100 ROOF PLAN
 MH-100 MECHANICAL PLAN



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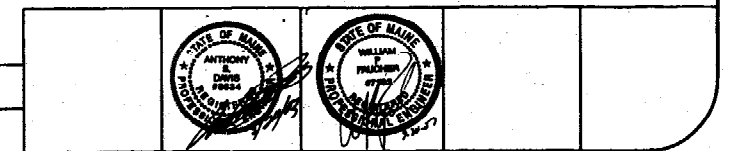
One Westbrook Common, Westbrook, Maine 04092-6804

Telephone No: 207-684-6128 • Fax No: 207-684-6828

E-Mail: info@allied-eng.com • www.allied-eng.com

ALLIED PROJECT #02017

DATE	BY	FILE	DATE	BY	FILE

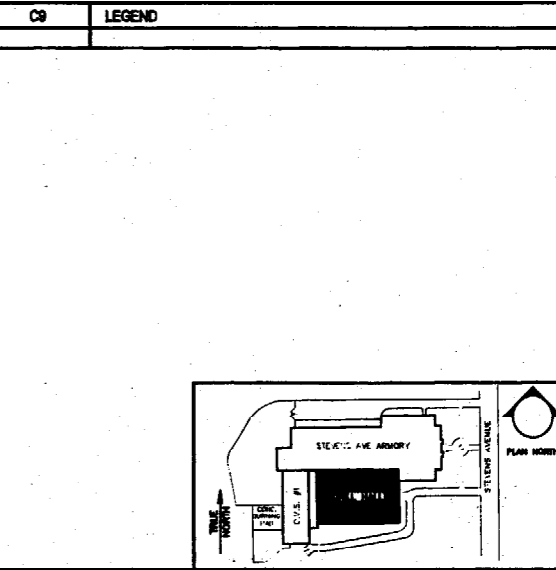
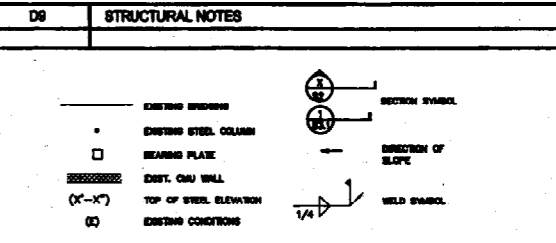


1. ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE 1989 BOCA, INCLUSIVE OF THE PERMITS, MAKE APPLICABLE. 2. ALL ELECTRICAL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTORS IN THE STATE OF OREGON IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. 3. NO WORK THAT BECOMES OBSOLETE AS PART OF THIS PROJECT SHALL BE ABANDONED IN PLACE.
H0 GENERAL ELECTRICAL NOTES
1. ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE 1989 BOCA, INCLUSIVE OF THE PERMITS, MAKE APPLICABLE. 2. THE CONTRACTOR SHALL VERIFY THE USE AT A TERMINAL OF THE SUPPLY BY THE OWNER TO VERIFY ALL ELECTRICAL CONNECTIONS, SIZE OF ANY DISCONNECTS, AND WIRING METHODS. 3. ALL WIRING SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF EXISTING UTILITIES. LOCAL AUTHORITIES, INCLUDING THE CITY OF PORTLAND, SHOULD BE ADVISED AND/OR VERIFIED PRIOR TO ANY WORK. 4. ALL WIRING METHODS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES OR AS INDICATED BY THE SPECIFICATIONS. 5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF EXISTING UTILITIES. LOCAL AUTHORITIES, INCLUDING THE CITY OF PORTLAND, SHOULD BE ADVISED AND/OR VERIFIED PRIOR TO ANY WORK. 6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING, INSTALLING, AND TESTING OF ALL ELECTRICAL SYSTEMS TO REMAIN THE PROPERTY OF THE OWNER WITH THE OWNER'S SUPERVISION. 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING AND RECORDS AND ALL TESTING RECORDS, INCLUDING TESTING REPORTS, SHALL BE SUBMITTED TO THE OWNER. 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING AND RECORDS AND ALL TESTING RECORDS, INCLUDING TESTING REPORTS, SHALL BE SUBMITTED TO THE OWNER. 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING AND RECORDS AND ALL TESTING RECORDS, INCLUDING TESTING REPORTS, SHALL BE SUBMITTED TO THE OWNER. 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING AND RECORDS AND ALL TESTING RECORDS, INCLUDING TESTING REPORTS, SHALL BE SUBMITTED TO THE OWNER.
F0 GENERAL NOTES
1. ALL BEAMS, BEARING PLATES SHALL BE 1/2" x 7/8" x 8" UNLESS OTHERWISE NOTED AND SHALL BE ANCHORED WITH STANDARD 3/4" ANCHORS. 2. BEARING PLATES SHALL BE: A. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) B. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) C. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) D. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) E. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) F. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) G. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) H. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) I. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) J. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) K. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) L. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) M. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) N. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) O. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) P. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) Q. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) R. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) S. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) T. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) U. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) V. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) W. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) X. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) Y. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW) Z. 1/2" x 7/8" x 8" (EXCEPT AT BEARING SHOW LOCATIONS AND THOSE LISTED BELOW)
F0 ABBREVIATIONS

1. DISCONNECT, BONDING, GROUNDING, AND REQUIRED ELECTRICAL CONDUIT, WIRING, DEVICES, SWITCHES, FUSES, EQUIPMENT, ETC. AS REQUIRED TO PROTECT THE WORK OF THIS PROJECT.
2. ALL ELECTRICAL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTORS IN THE STATE OF OREGON IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
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 Fax: 503.255.1112
 Website: www.alliedeng.com



NO.	DATE	BY	REVISIONS

Date: 02/10/13
 Drawn By: JMI
 Checked By: WFT
 Project No.: 08017
 Call Fax: (503)782-4000
 Sheet No.: 1
 Scale: AS SHOWN

STRUCTURAL NOTES
DRILL HALL
 ARMORY RE-ROOFING
 STEVENS AVE
 PORTLAND, OREGON



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REVISIONS

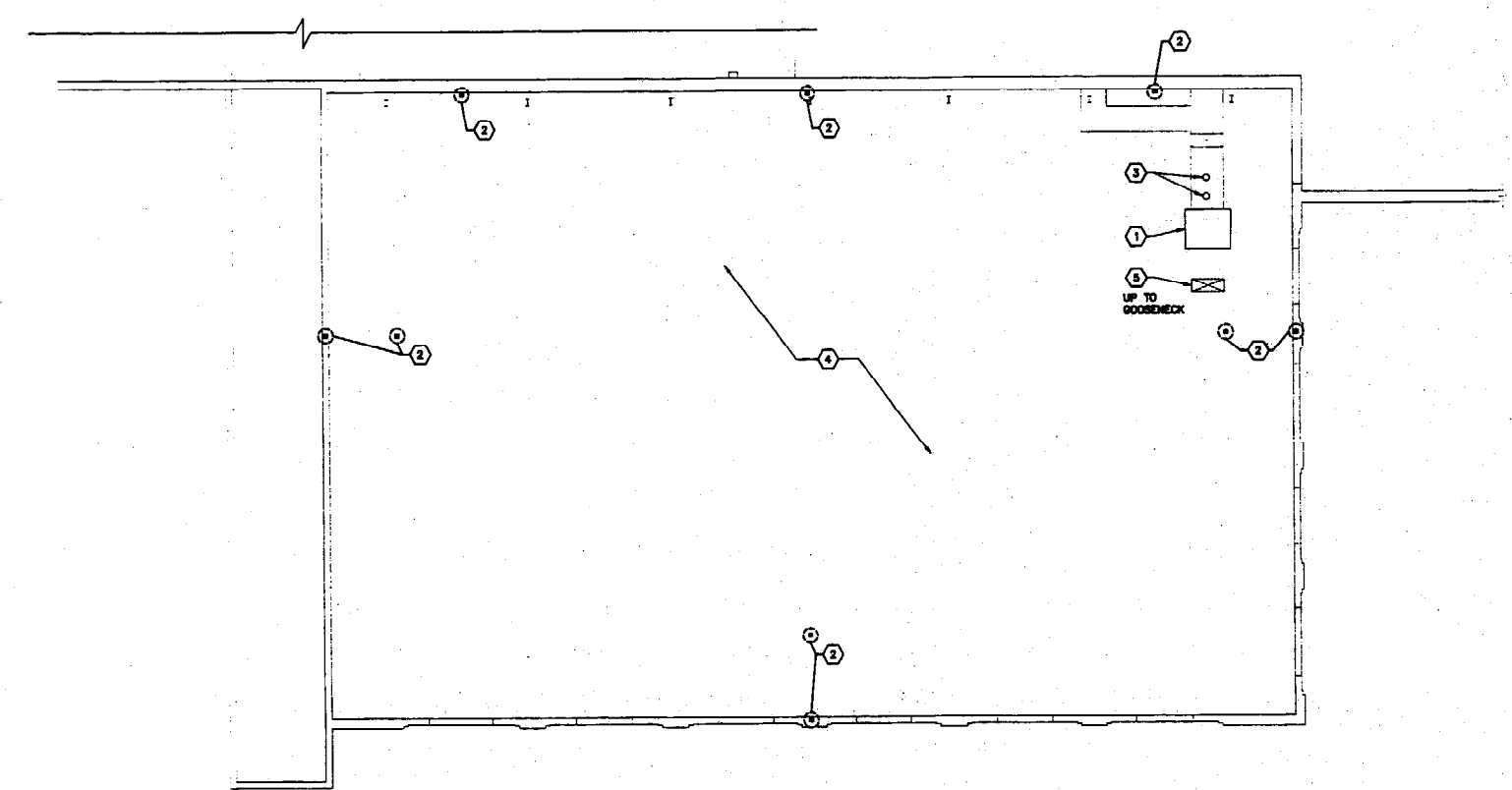
NO.	DATE	BY	REASON
1	02/19/03	JLB	ISSUED FOR CONSTRUCTION

Date: 02/19/03
 Drawn By: JLB
 Checked By: WPT
 Project Mgr: WPT
 Project No: 00077
 Cost Est: 000770.00
 Scale: 0
 Sheet No: 0

DEMOLITION PLAN - STRUCTURAL AND MECHANICAL
 DRILL HALL

ARMORY RE-ROOFING
 STEPHENS AVE
 PORTLAND, MAINE

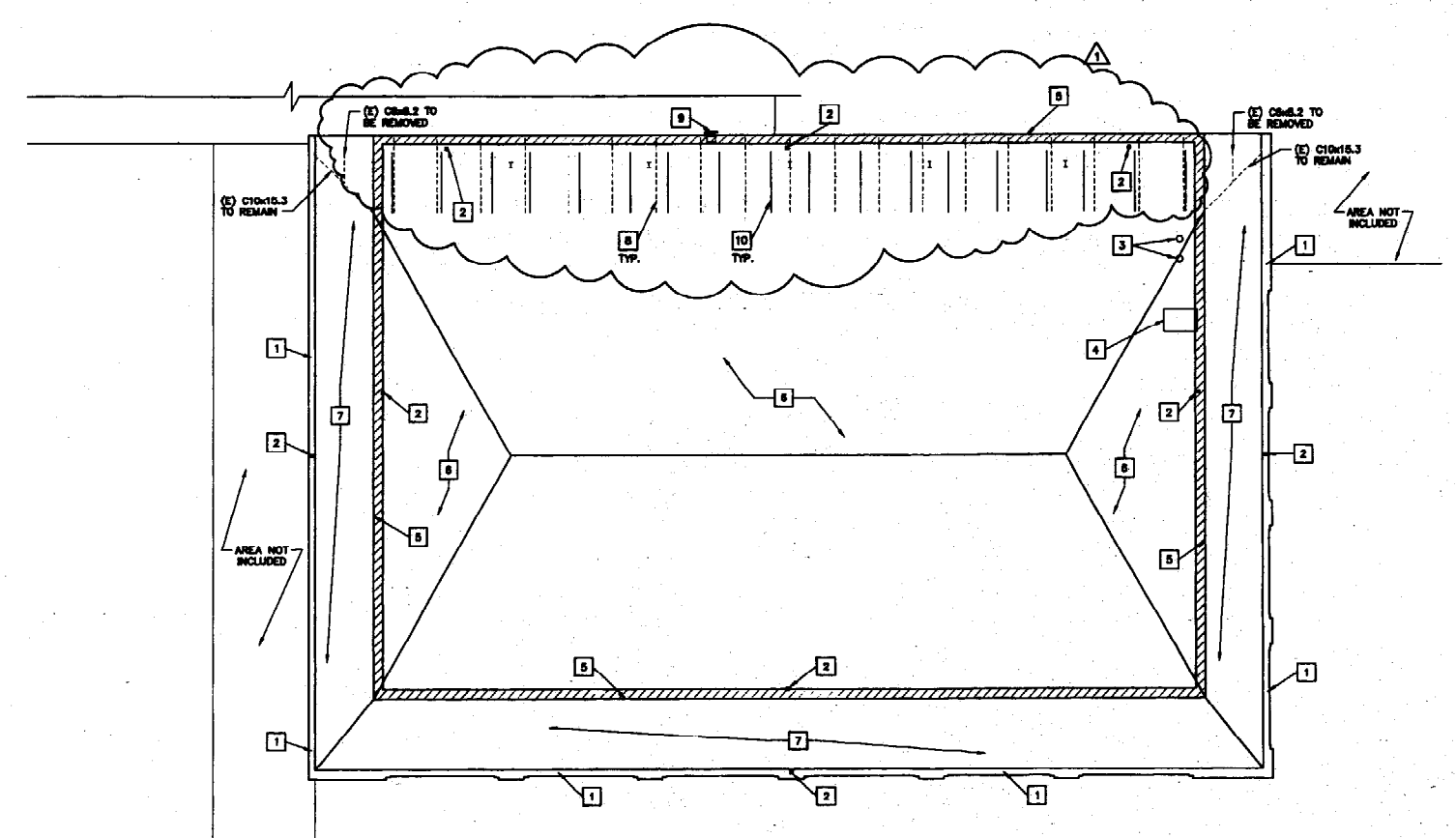
SD-100



- MECHANICAL DEMOLITION KEY NOTES**
- 1 AIR HANDLING UNIT MOUNTED TIGHT TO BOTTOM OF ROOF DECK SHALL REMAIN IN PLACE WITH ASSOCIATED DUCTWORK. PROVIDE TEMPORARY SUPPORT AS REQUIRED TO ALLOW FOR STRUCTURAL WORK.
 - 2 REMOVE ADEQUATE PORTION OF EXISTING RAIN LEADER FROM ROOF DRAIN CONNECTION DOWNWARD AS REQUIRED TO ALLOW FOR CONNECTION TO RELOCATED ROOF DRAINS.
 - 3 REMOVE EXISTING AHU GAS VENTING BELOW EXISTING ROOF AS REQUIRED TO ALLOW FOR NEW ROOF DECKING.
 - 4 REMOVE AND REINSTALL EXISTING ANTI-STRATIFICATION FANS (164) TO FACILITATE REPLACEMENT OF ROOF DECK.
 - 5 REMOVE AND REINSTALL EXISTING OUTSIDE AIR DUCT RISER AND GOOSENECK.

D1 MECHANICAL DEMOLITION PLAN

3/32" = 1'-0"



- DEMOLITION KEY NOTES**
- 1 REMOVE EXISTING ROOFING AND ALL ASSOCIATED WOOD BLOCKING.
 - 2 EXISTING ROOF DRAINS TO BE REMOVED.
 - 3 EXISTING EXHAUST PIPE FLASHINGS TO BE REMOVED. REMOVE/REINSTALL EXISTING CURB. COORDINATE WITH DWG. 15.
 - 4 REMOVE EXISTING EDGE METAL, WOOD BLOCKING DOWN TO TOP CHORD OF EXISTING JOIST--SEE ASBESTOS NOTES #1.
 - 5 REMOVE BUILT-UP ROOFING SYSTEM, INSULATION, 3" WOOD DECKING, ASSOCIATED BLOCKING DOWN TO TOP CHORD OF EXISTING STEEL TRUSSES AND/OR BEAMS.
 - 6 REMOVE EXISTING SLATE, WOOD DECK AND ASSOCIATED BLOCKING DOWN TO TOP CHORD OF EXISTING STEEL TRUSSES AND/OR BEAM.
 - 7 REMOVE EXISTING 3 1/2"x9 1/2" WOOD BEAMS COMPLETE.
 - 8 REMOVE EXISTING ACCESS LADDER COMPLETE. REPAIR LOWER ROOF AS REQUIRED TO MAINTAIN WATER TIGHT.
 - 9 REMOVE EXISTING 6"x4" LT 12 FRAME SYSTEMS COMPLETE.
 - 10 EDGE FELTS - SEE ASBESTOS NOTES F9/SO-100.
- EXISTING 3 1/2"x9 1/2" WOOD BEAMS TO BE REMOVED.
- - - - EXISTING 6"x4" LT 12 FRAMES TO BE REMOVED.

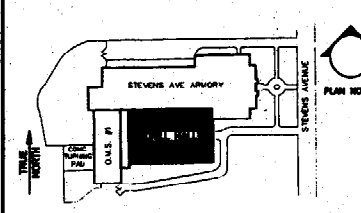
ASBESTOS NOTES

1. EDGE FELTS ON DRILL HALL TEST POSITIVE FOR ASBESTOS. SEE "ASBESTOS SAMPLE ANALYSIS RESULTS" ON A7/SO-100.

THE RENOVATION IMPACT SURVEY CONDUCTED INCLUDED A TOTAL OF 34 BULK SAMPLES AS FOLLOWS:

TEXT AREA	TEST RESULTS
a) DRILL HALL ROOF CAP SHEET (REPAIRS)	NAD
b) DRILL HALL ROOF SHEETS	NAD
c) DRILL HALL EDGE FELTS (BUR)	2.8% TO 25% CHRYSOLITE
d) DRILL HALL ROOF BASE PAPER (ORANGE BUILDING PAPER)	NAD

NAD- NO ASBESTOS DETECTED %% CHRYSOLITE- THE PERCENT AND TYPE OF ASBESTOS DETECTED IN THE SAMPLE.



A1 ROOF DEMOLITION PLAN

3/32" = 1'-0"

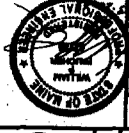
A7 ASBESTOS SAMPLE ANALYSIS RESULTS

NO SCALE

A8 KEYPLAN



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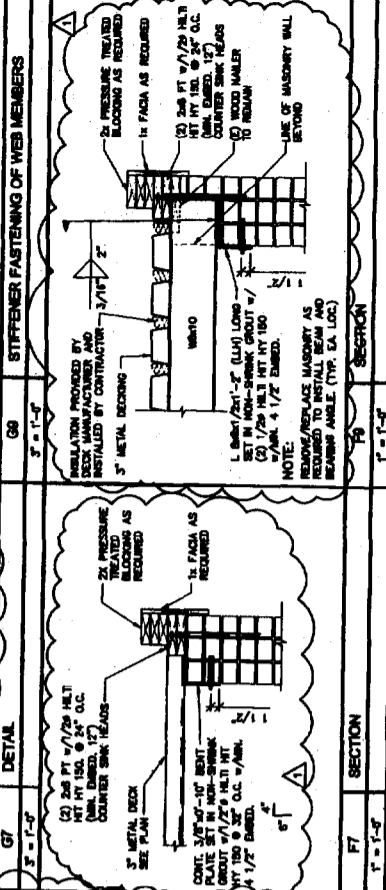
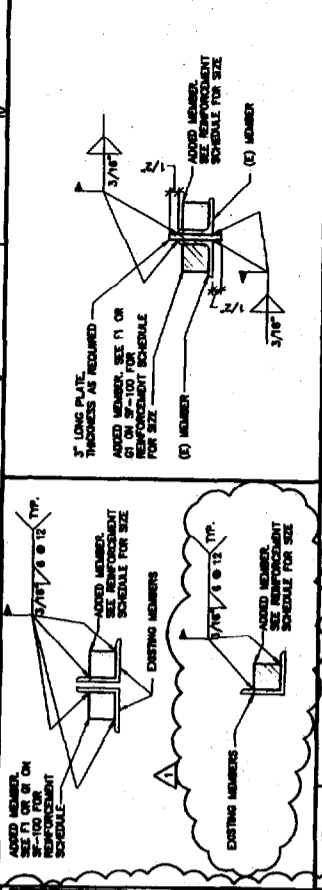


REVISIONS

NO.	DATE	BY	DESCRIPTION
1	03/19/03		ISSUED FOR CONSTRUCTION

ROOF FRAMING PLAN
DRILL HALL
ARMORY RE-ROOFING
STERNING AVE
PORTLAND, MAINE

SF-100



REINFORCEMENT SCHEDULE

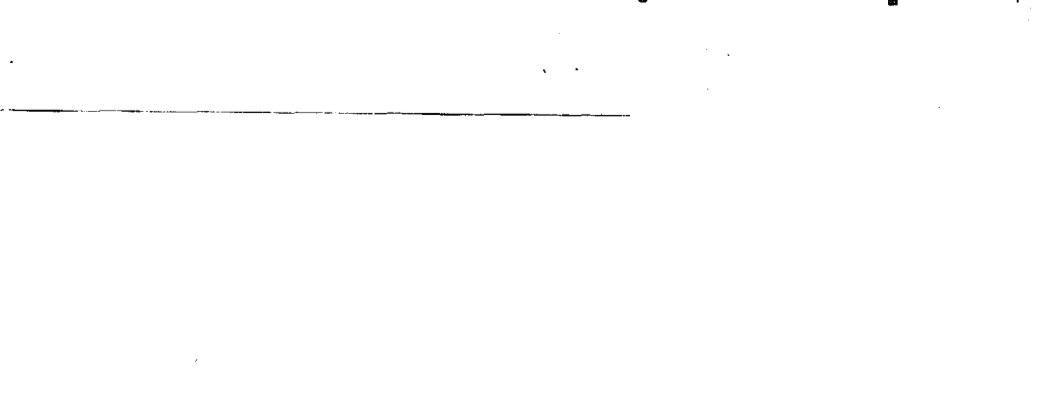
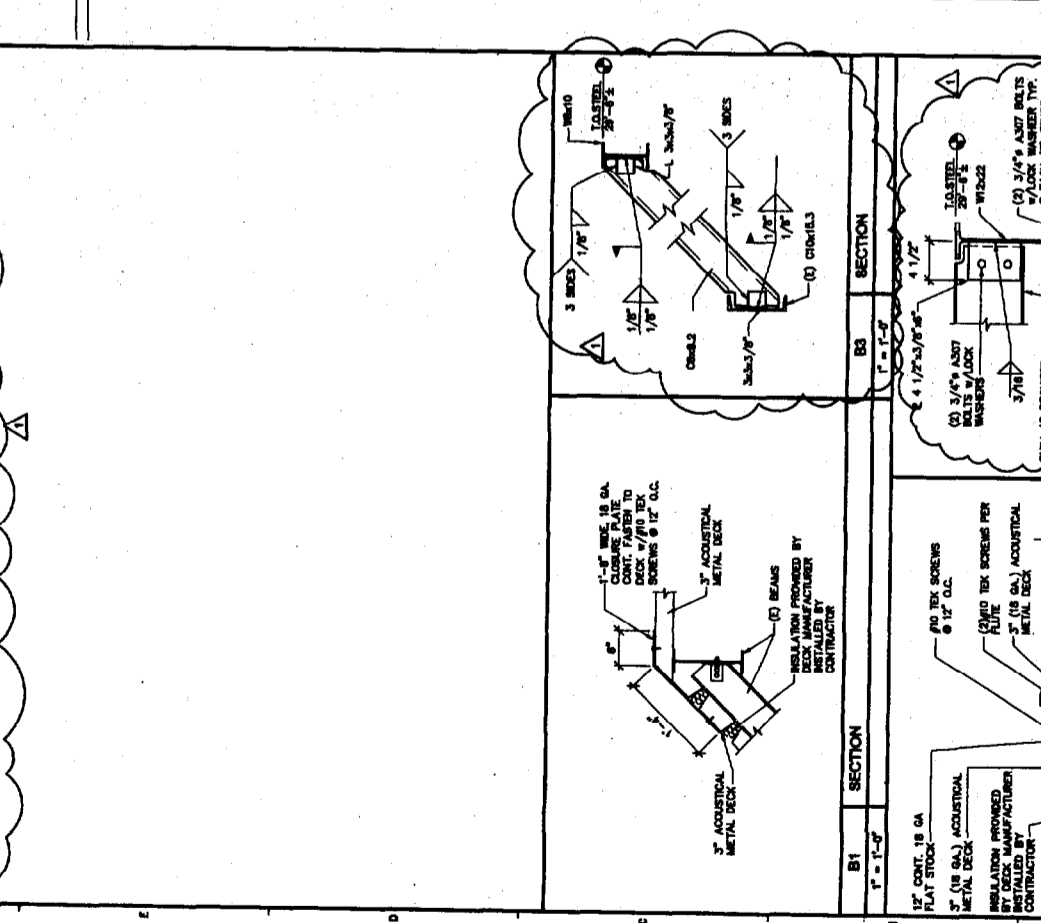
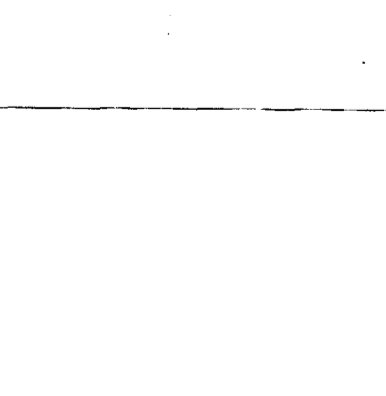
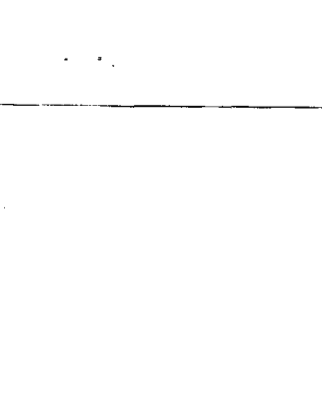
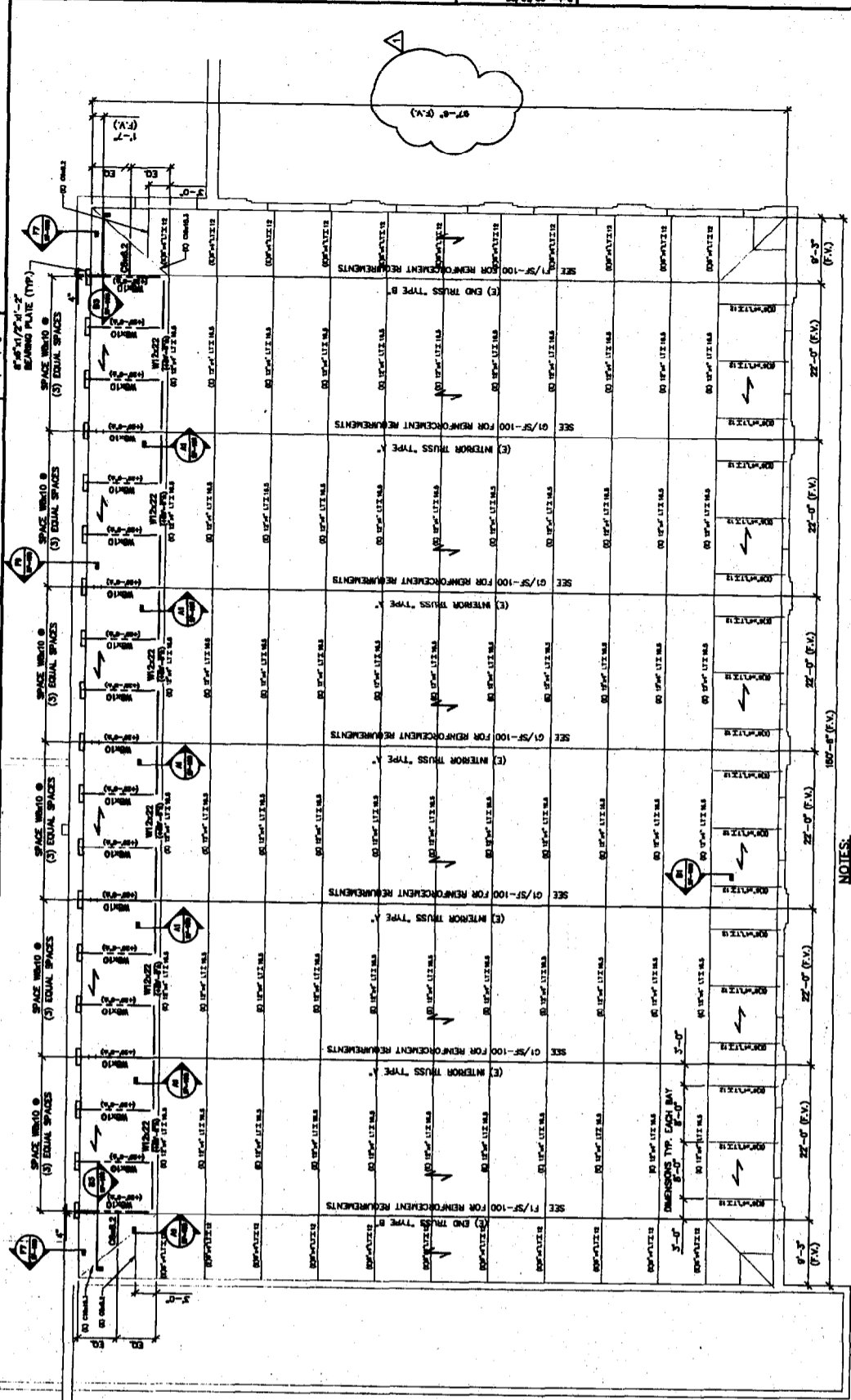
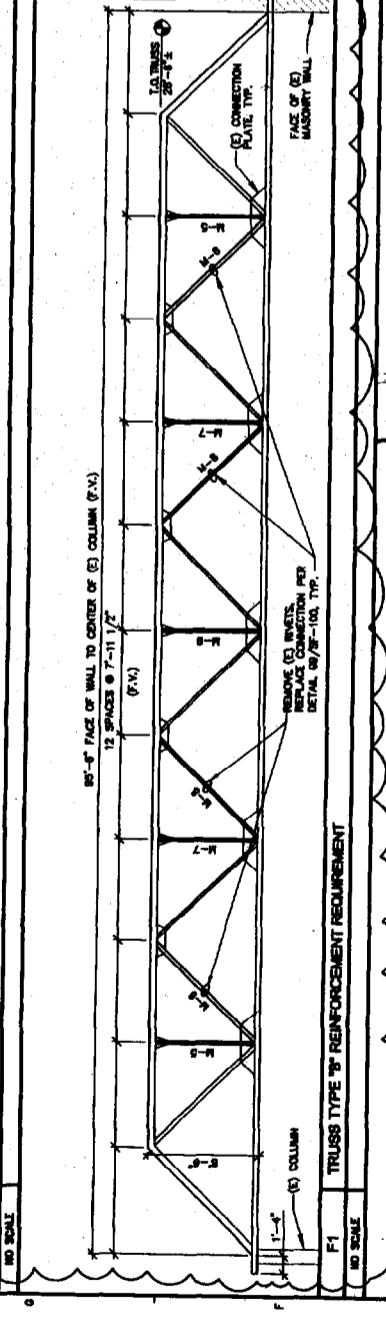
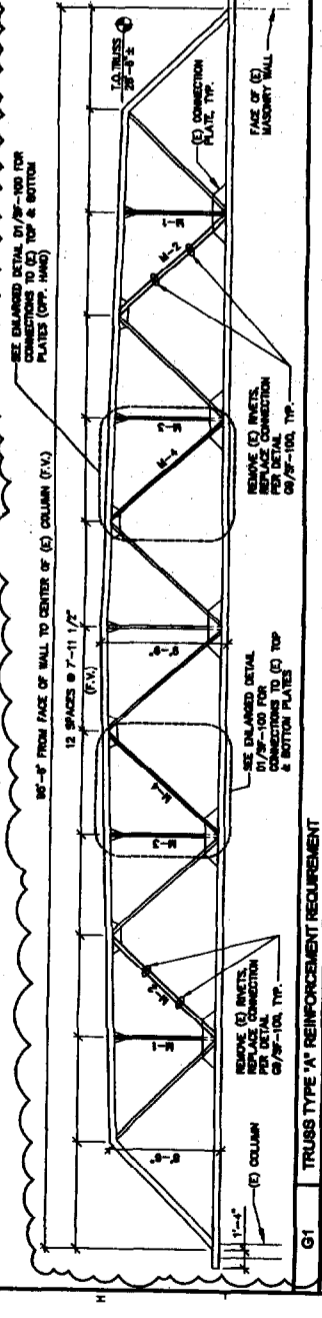
MEMBER ID	EXISTING MEMBER SIZE	ADDED MEMBER SIZE
M-1	(1) 1.2 1/2x2 1/2x1/4	(1) 3/4\"/>

NOTE:
1. SEE 07/97-100 FOR MEMBER REQUIREMENTS.
2. PLAT BARS SHALL BE CONTINUOUS FOR LENGTH OF WEB AND SHALL EXTEND TO WITHIN 2\"/>

REINFORCEMENT SCHEDULE

MEMBER ID	EXISTING MEMBER SIZE	ADDED MEMBER SIZE
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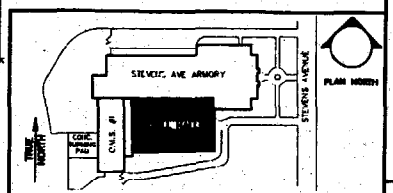
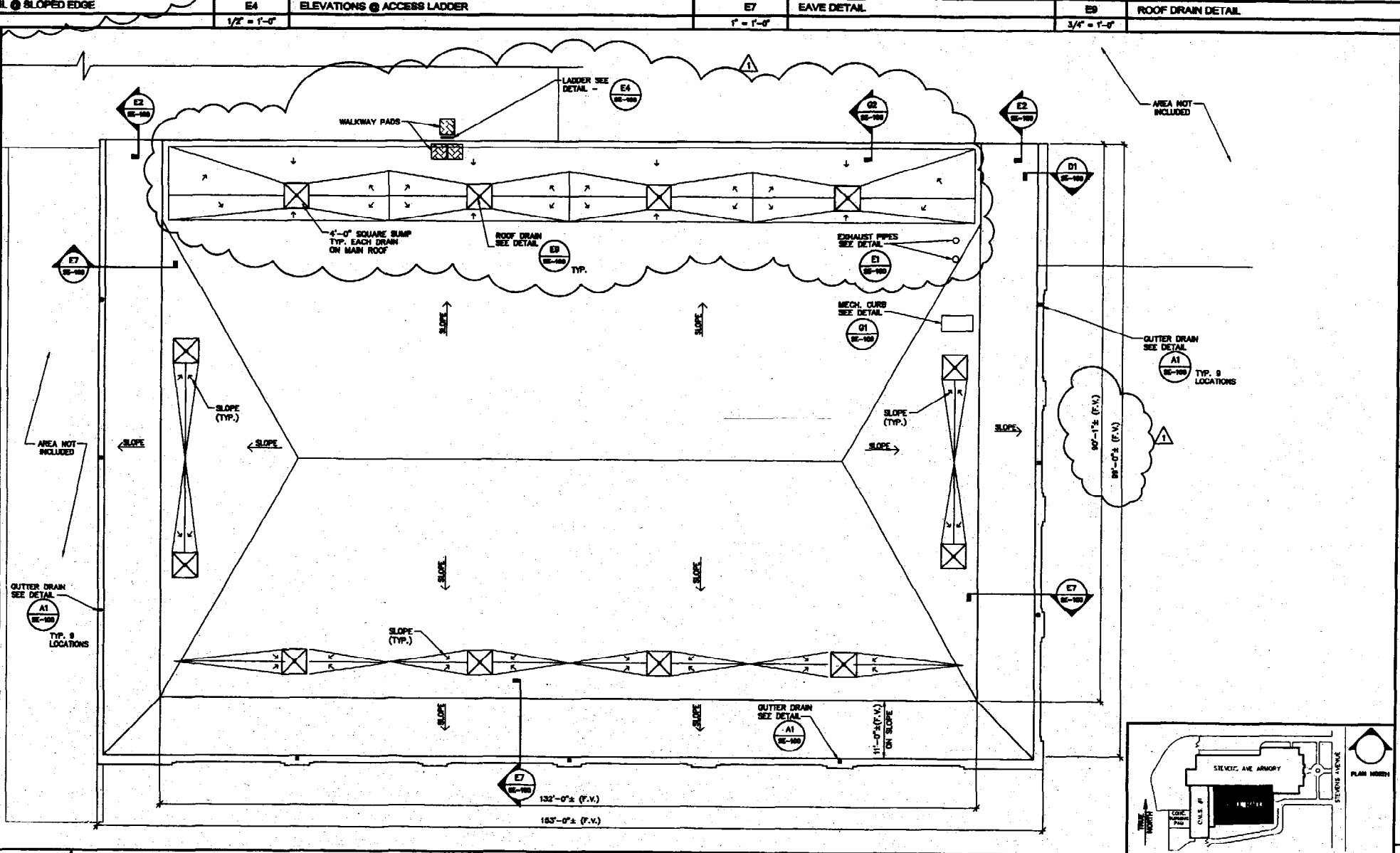
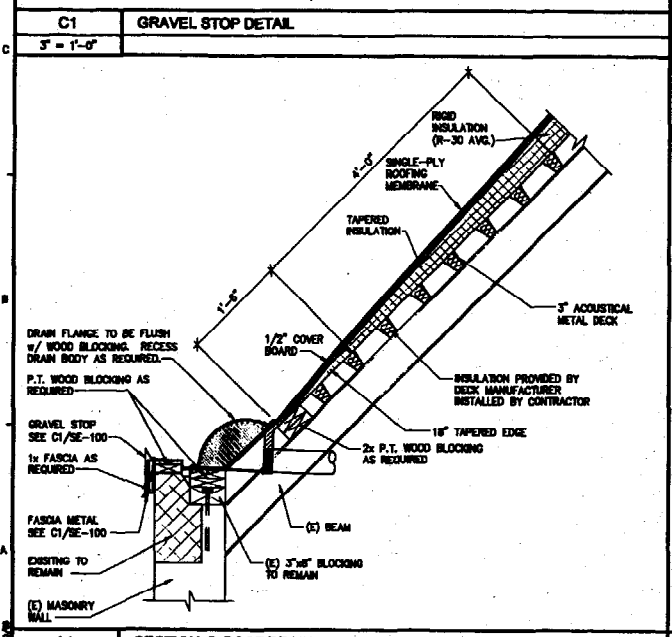
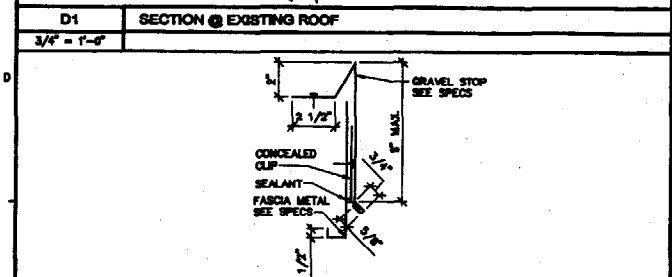
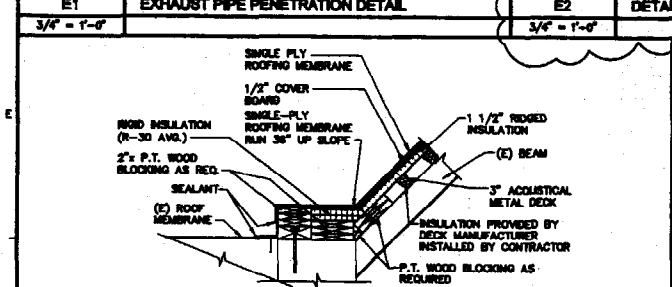
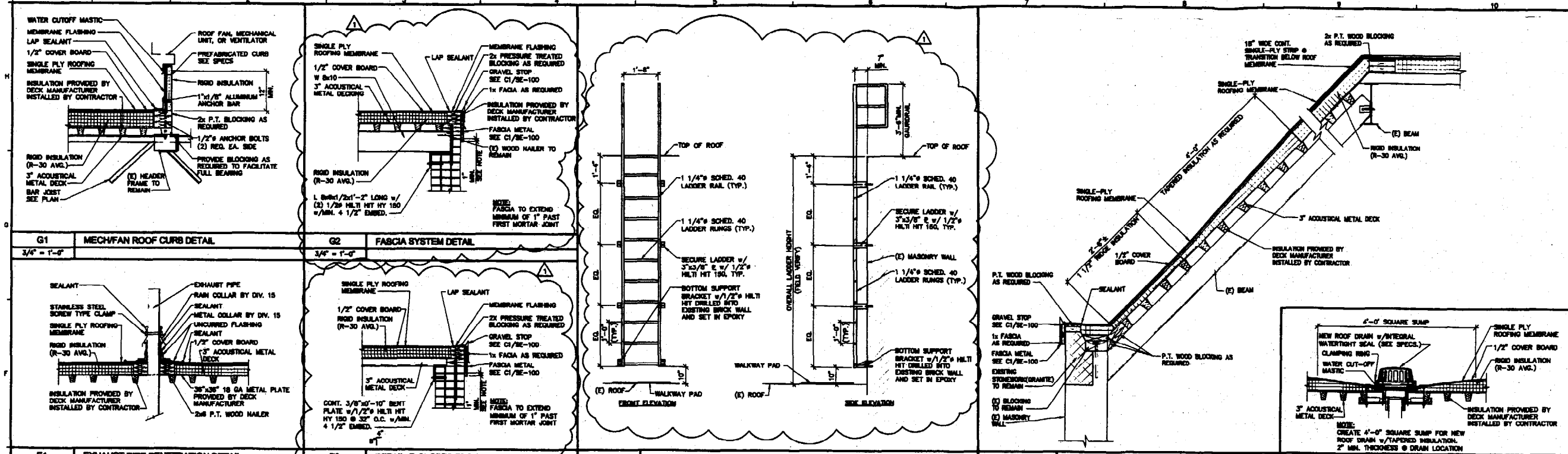
NOTES:
1. ASSUME FINISH FLOOR ELEVATION TO BE 0'-0\"/>
2. ALL METAL DECK SHALL BE 3\"/>

KEY PLAN

ROOF FRAMING PLAN

CONNECTION DETAIL

DETAIL



allied engineering, inc.
 FULL SERVICE CONSULTING ENGINEERS

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	02/15/03	WJ	ISSUED FOR CONSTRUCTION

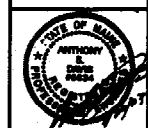
Drawn By: JAM
 Checked By: WJ
 Project No: 02077
 Civil Title: CONSULTING ENGINEER

ROOF PLAN
DRILL HALL
 ARMORY RE-ROOFING
 STEPHENS AVE
 PORTLAND, MAINE

SE-100



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 Phone: (603) 877-7777
 Fax: (603) 877-7778
 E-mail: info@alliedeng.com



REVISIONS

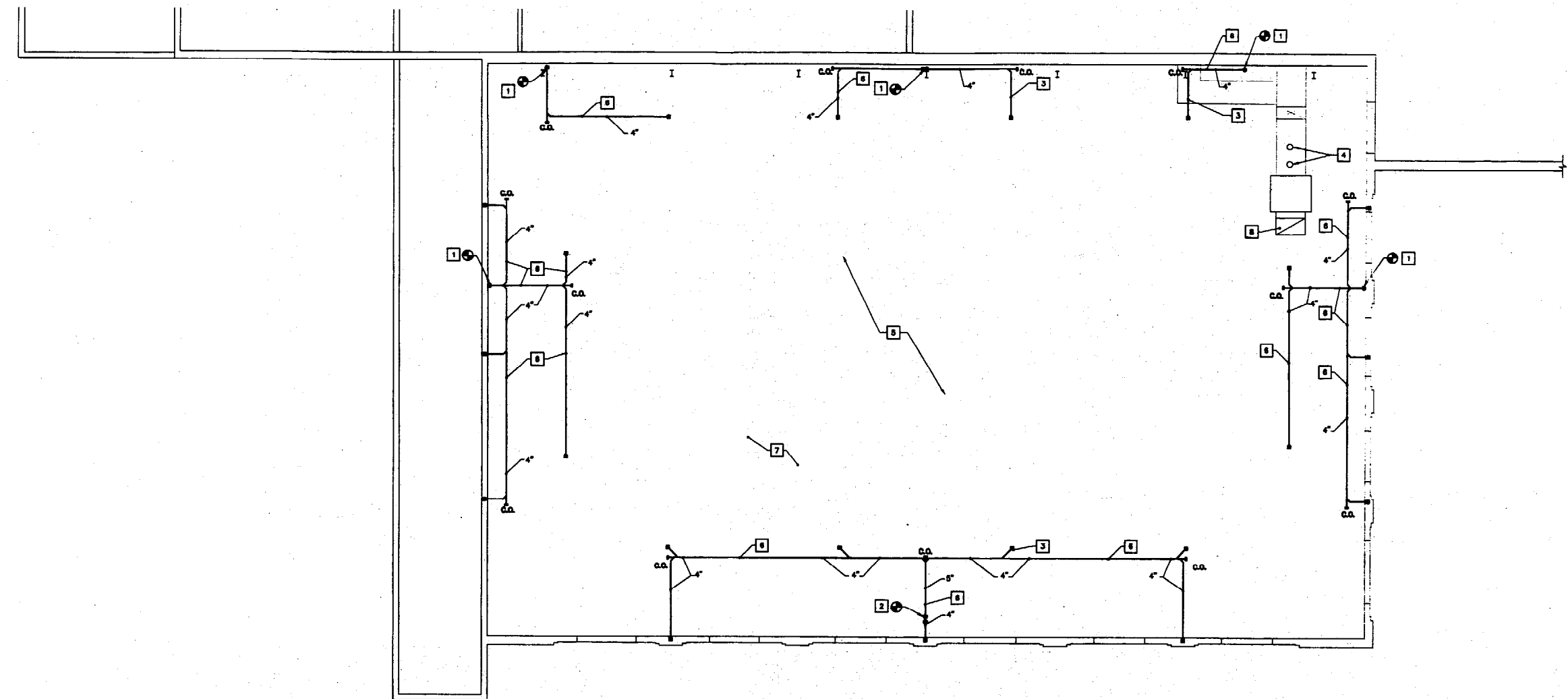
NO.	DATE	BY	DESCRIPTION

Date: 05/10/05
 Drawn By: JAM
 Checked By: WFF
 Project No: 0507
 Plot No: 0507P.dwg
 Scale: 1/8" = 1'-0"

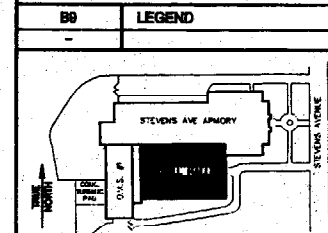
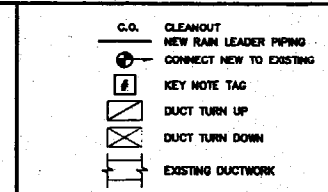
MECHANICAL ROOF PLAN
 DRILL HALL

ARMORY RE-ROOFING
 STEPHENS AVE
 PORTLAND, MAINE

MH-100



- 1 CONNECT NEW 4" RAIN LEADER TO EXISTING 6" RAIN LEADER.
- 2 CONNECT NEW 5" RAIN LEADER TO EXISTING 5" RAIN LEADER.
- 3 RAIN LEADER UP TO ROOF DRAIN - ROOF DRAIN INSTALLED AND PROVIDED BY DIV. 7; PIPING AND CONNECTION BY DIV. 15.
- 4 REINSTALL EXISTING GAS EXHAUST VENTS WITH NEW TALL CONE FLASHING AND STORM COLLAR SEGMENTS. INSTALL VENTING IN STRICT CONFORMANCE WITH NFPA 54 AND LOCAL AUTHORITIES HAVING JURISDICTION.
- 5 REINSTALL EXISTING ANTI STRATIFICATION FANS AT EXISTING LOCATIONS AND ELEVATIONS (APPROXIMATELY 162 FANS UNIFORMLY SPACED).
- 6 PITCH RAIN LEADER PIPING MINIMUM OF 1/4" PER FOOT IN DIRECTION OF FLOW.
- 7 EXISTING ROOF FRAMING.
- 8 REINSTALL ROOF JACK INTAKE TO EXISTING CURB SYSTEM - EXTEND SHEET METAL LINER AS REQUIRED TO ACCOMMODATE NEW FINISHED ROOF ELEVATION. INSTALL IN STRICT CONFORMANCE WITH LATEST EDITION OF SMACNA DUCT CONSTRUCTION STANDARDS. COORDINATE EXACT LOCATION WITH STRUCTURAL - SEE DRAWING SE-100.



A1 MECHANICAL PLAN
 1/8" = 1'-0"

A7 KEYED NOTES

A9 KEYPLAN