

# ARMORY RE-ROOFING

## STEVEN'S AVE

## ARMORY

## PORTLAND, MAINE

## DRILL HALL

PROJECT NUMBER: AP03 - 063C

JANUARY 2003

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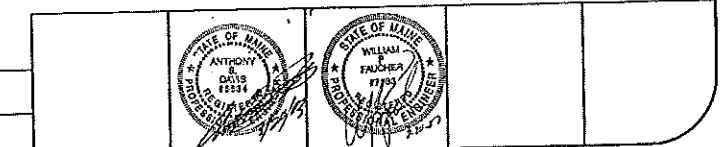
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ALLIED PROJECT #02017

APPROVED FOR	BY	TITLE	DATE	APPROVED FOR	BY	TITLE	DATE







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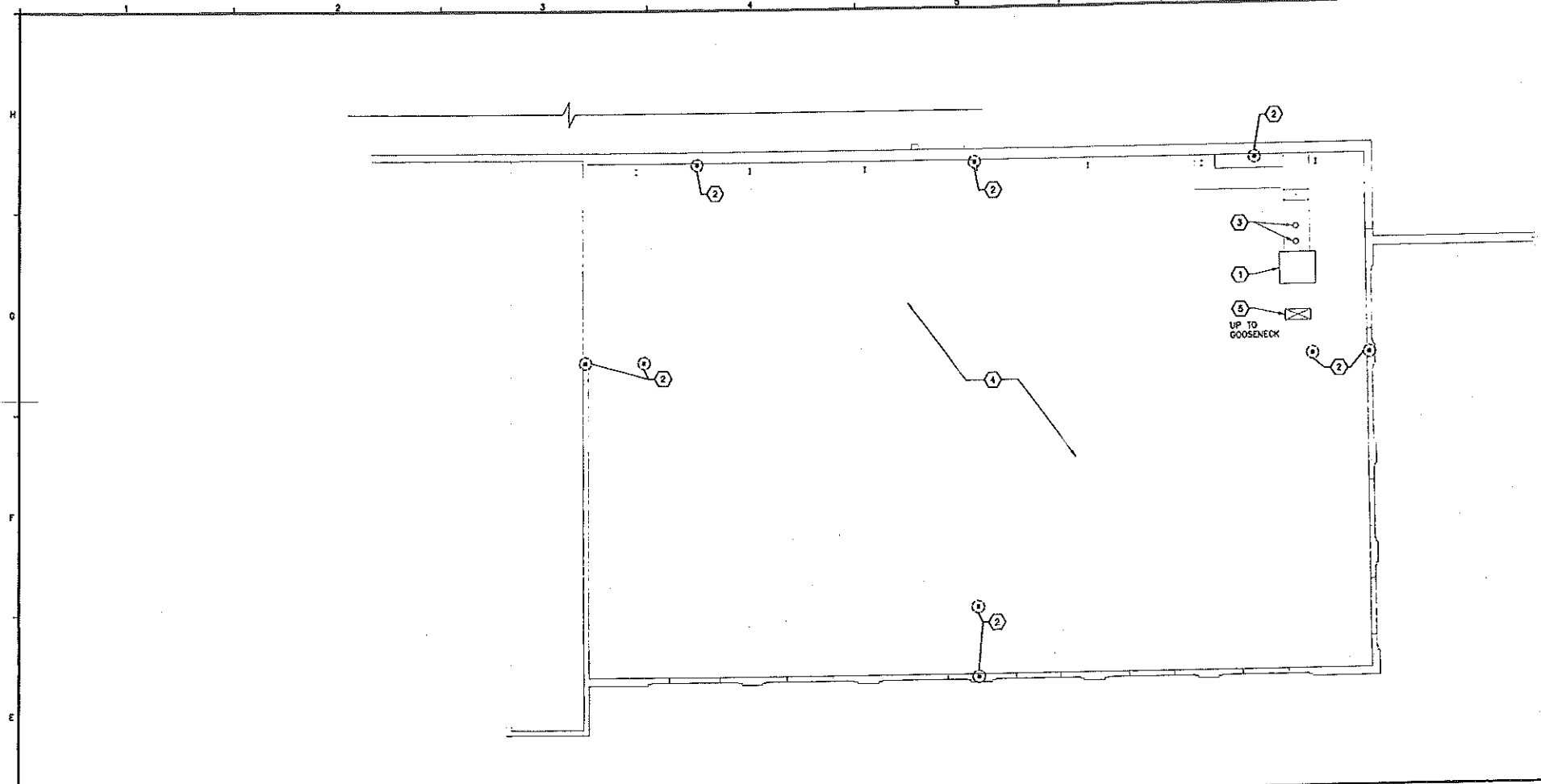
REVISIONS

NO.	DATE	DESCRIPTION
1	10/17/13	ISSUED FOR CONSTRUCTION

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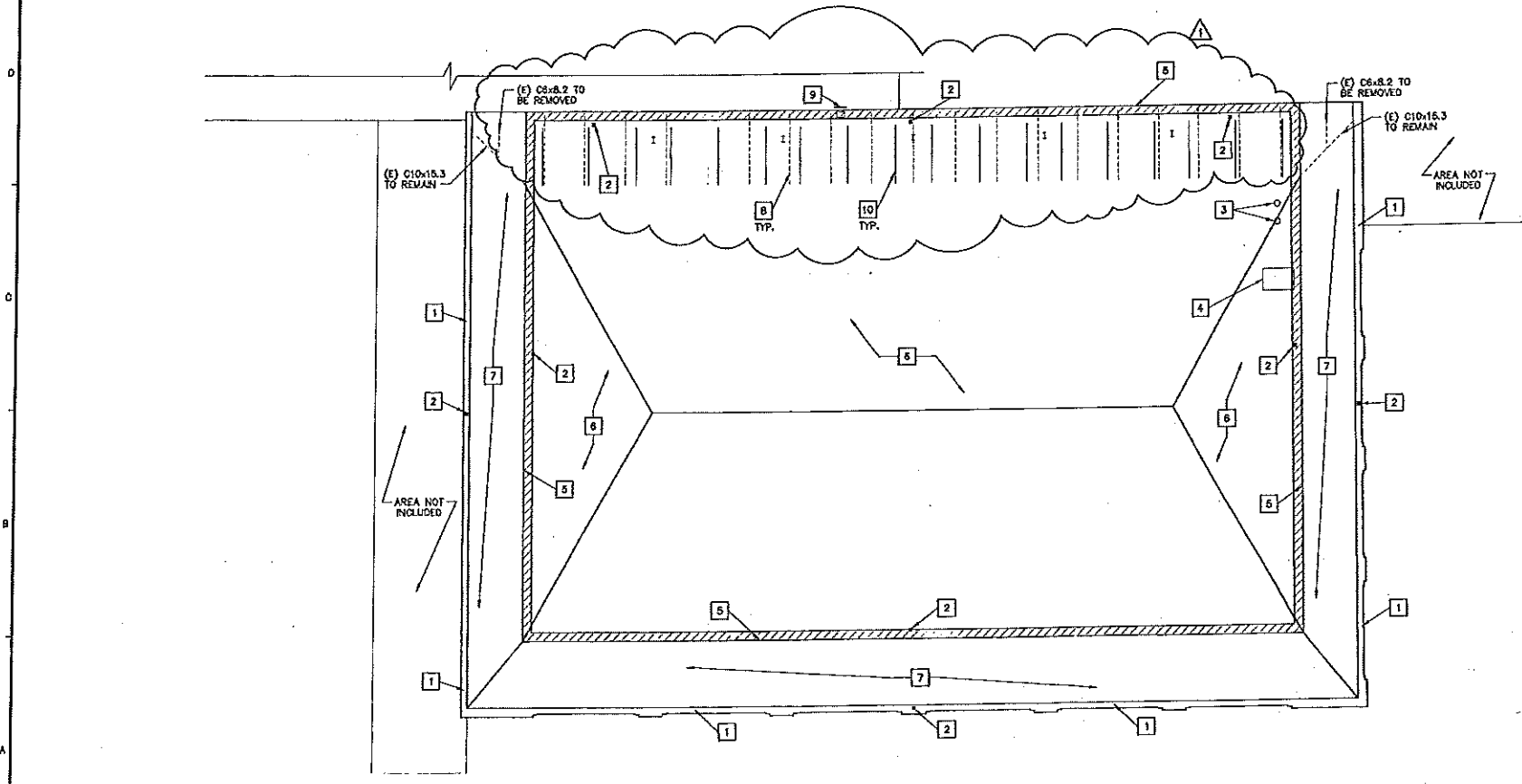
DEMOLITION PLAN - STRUCTURAL AND MECHANICAL  
 DRILL HALL  
 ARMORY RE-ROOFING  
 STEPHENS AVE  
 PORTLAND, MAINE

SD-100



- MECHANICAL DEMOLITION KEY NOTES**
- 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.
  - REMOVE ADEQUATE PORTION OF EXISTING RAIN LEADER FROM ROOF DRAIN CONNECTION DOWNWARD AS REQUIRED TO ALLOW FOR CONNECTION TO RELOCATED ROOF DRAINS.
  - REMOVE EXISTING AHJ GAS VENTING BELOW EXISTING ROOF AS REQUIRED TO ALLOW FOR NEW ROOF DECKING.
  - REMOVE AND REINSTALL EXISTING ANTI-STRATIFICATION FANS (184) TO FACILITATE REPLACEMENT OF ROOF DECK.
  - REMOVE AND REINSTALL EXISTING OUTSIDE AIR DUCT RISER AND GOOSENECK.

D1 MECHANICAL DEMOLITION PLAN  
 3/32" = 1'-0"



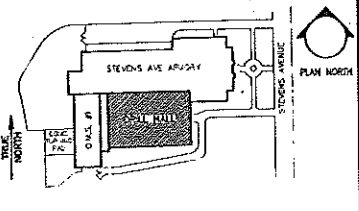
- DEMOLITION KEY NOTES**
- REMOVE EXISTING ROOFING AND ALL ASSOCIATED WOOD BLOCKING.
  - EXISTING ROOF DRAINS TO BE REMOVED.
  - EXISTING EXHAUST PIPE FLASHINGS TO BE REMOVED.
  - REMOVE/REINSTALL EXISTING CURB. COORDINATE WITH DIV. 15.
  - REMOVE EXISTING EDGE METAL WOOD BLOCKING DOWN TO TOP CHORD OF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

TEST AREA	TEST RESULTS
a) DRILL HALL ROOF CAP SHEET (REPAIRS)	NAD
b) DRILL HALL ROOF SHEETS	NAD
c) DRILL HALL EDGE FELTS (BUR)	2.6% TO 25% CHRYSOLITE
d) DRILL HALL ROOF BASE PAPER (ORANGE BUILDING PAPER)	NAD

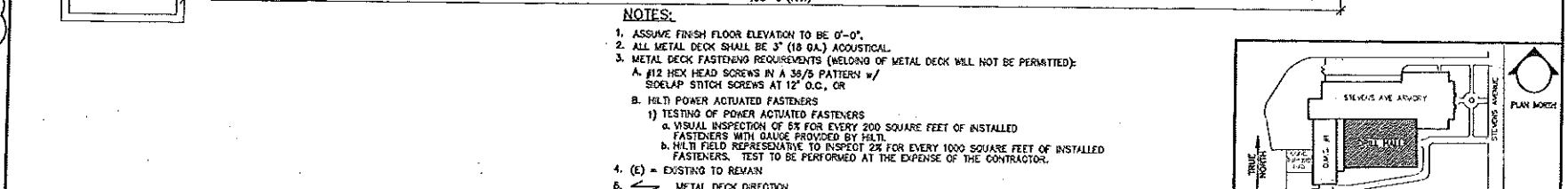
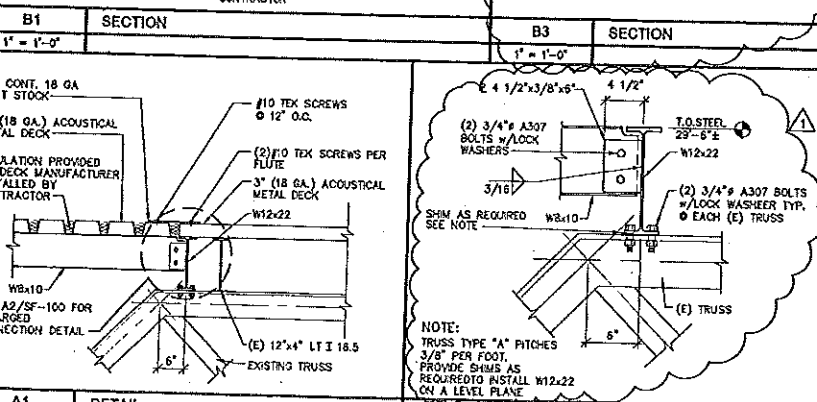
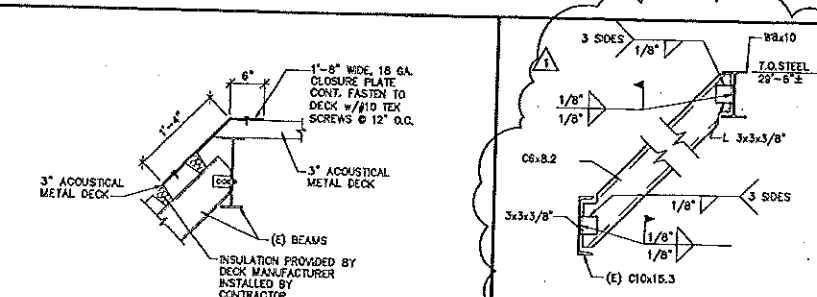
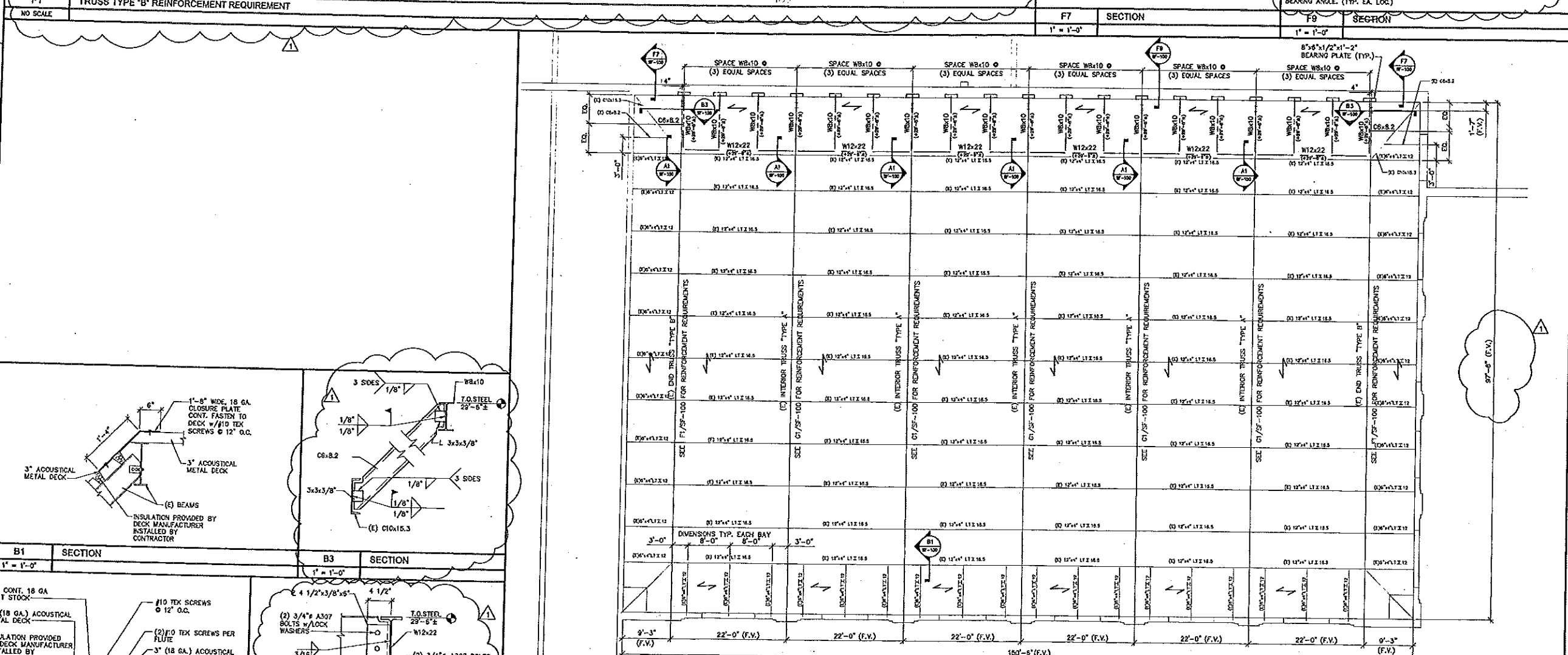
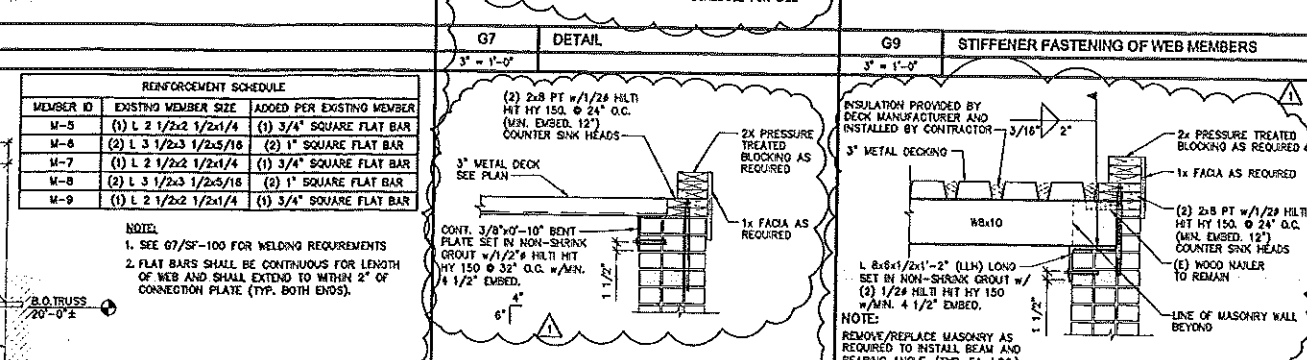
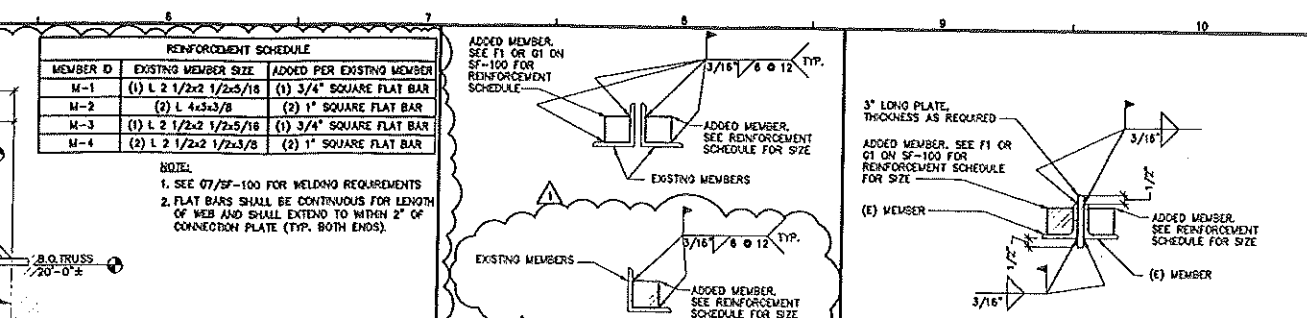
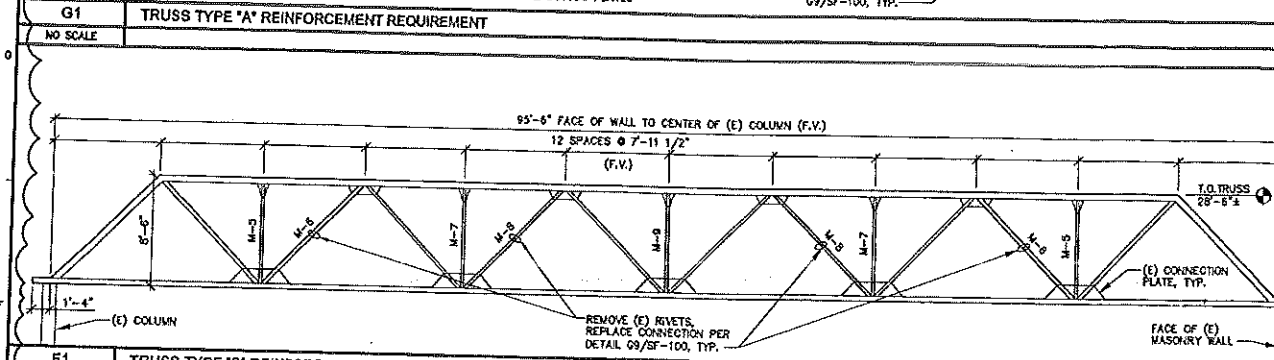
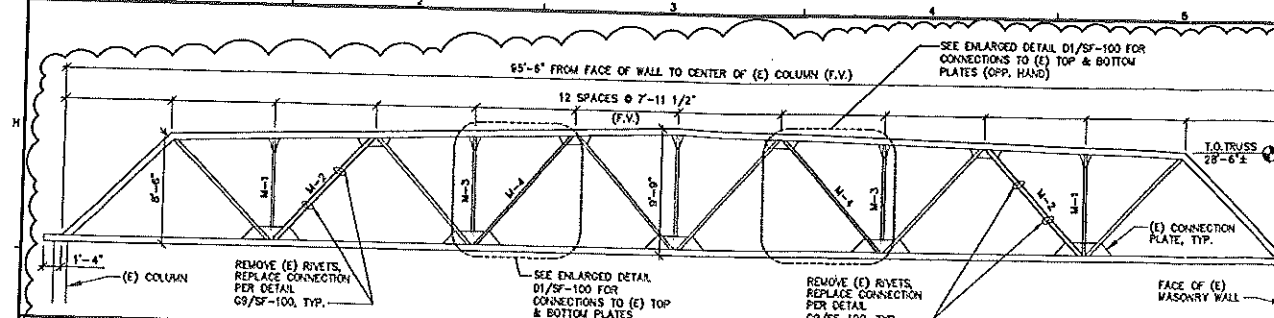
NAD= NO ASBESTOS DETECTED      % CHRYSOLITE= THE PERCENT AND TYPE OF ASBESTOS DETECTED IN THE SAMPLE.



A1 ROOF DEMOLITION PLAN  
 3/32" = 1'-0"

A7 ASBESTOS SAMPLE ANALYSIS RESULTS  
 NO SCALE

A9 KEYPLAN



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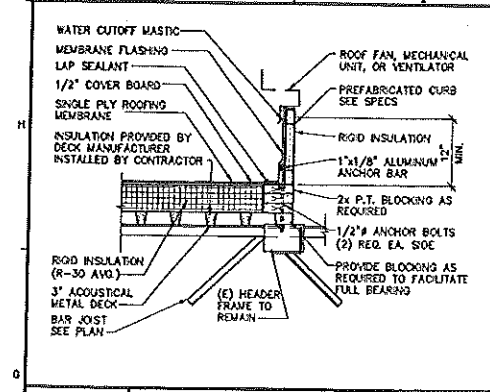
REVISIONS

NO.	DATE	DESCRIPTION
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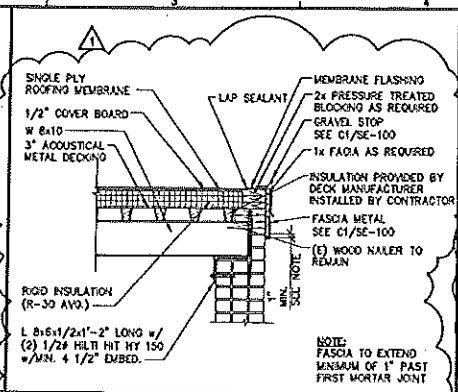
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DRAWN BY: JLM  
CHECKED BY: WEF  
PROJECT MGR: WEF  
SCALE: AS SHOWN  
PROJECT NO: 020727/03  
SHEET NO: 1

ARMORY RE-ROOFING  
STEPHENS AVE  
PORTLAND, MAINE

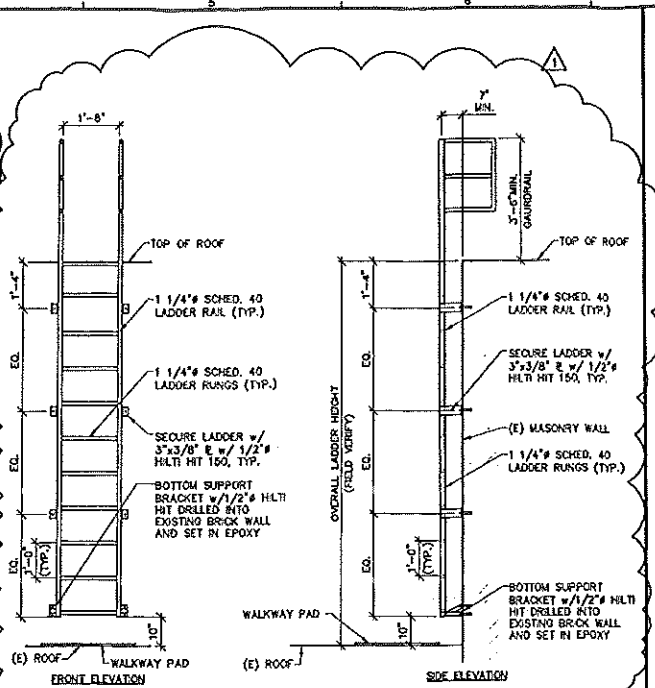
**SF-100**



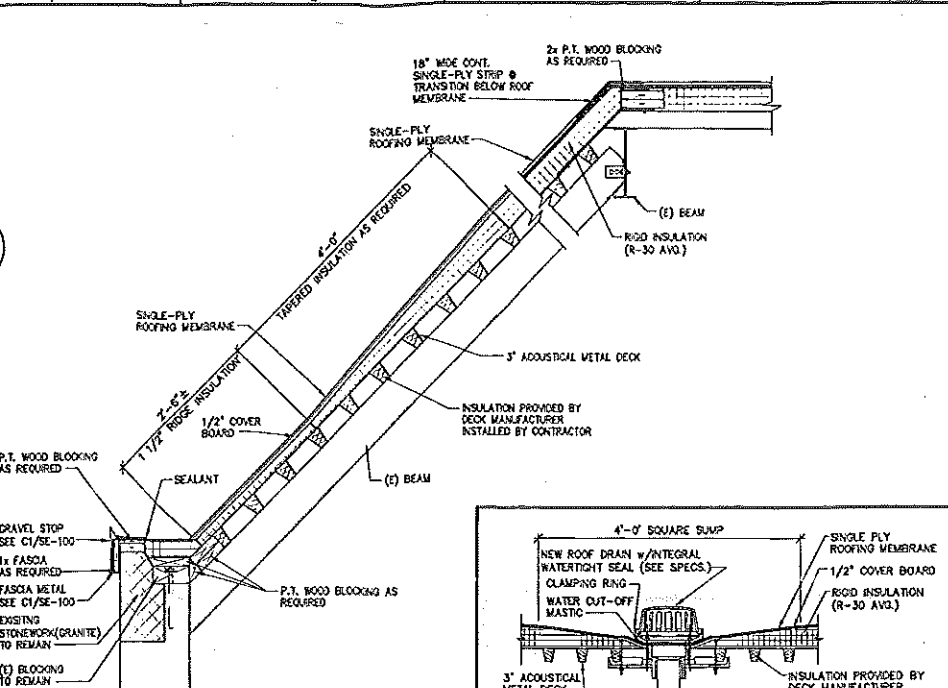
G1 MECH/FAN ROOF CURB DETAIL  
3/4" = 1'-0"



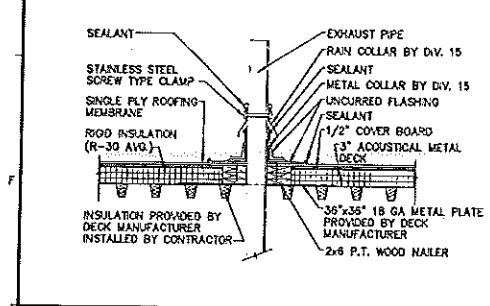
G2 FASCIA SYSTEM DETAIL  
3/4" = 1'-0"



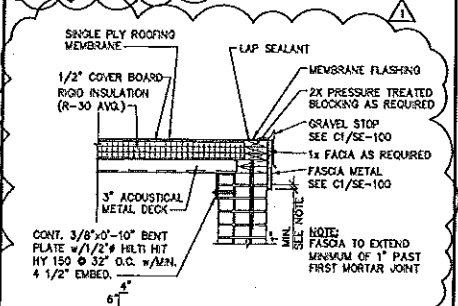
E4 ELEVATIONS @ ACCESS LADDER  
1/2" = 1'-0"



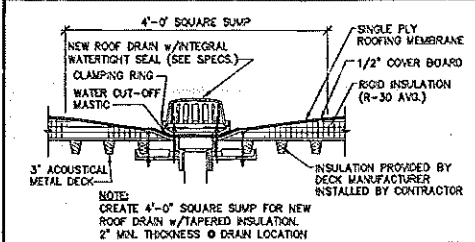
E7 EAVE DETAIL  
1" = 1'-0"



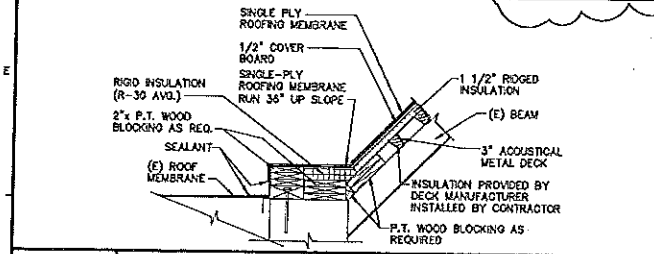
E1 EXHAUST PIPE PENETRATION DETAIL  
3/4" = 1'-0"



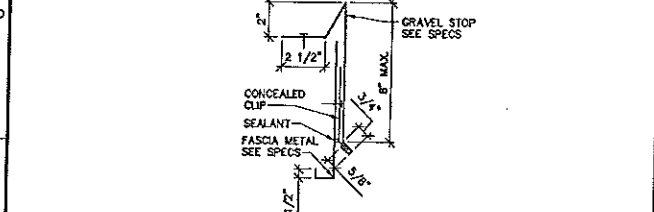
E2 DETAIL @ SLOPED EDGE  
3/4" = 1'-0"



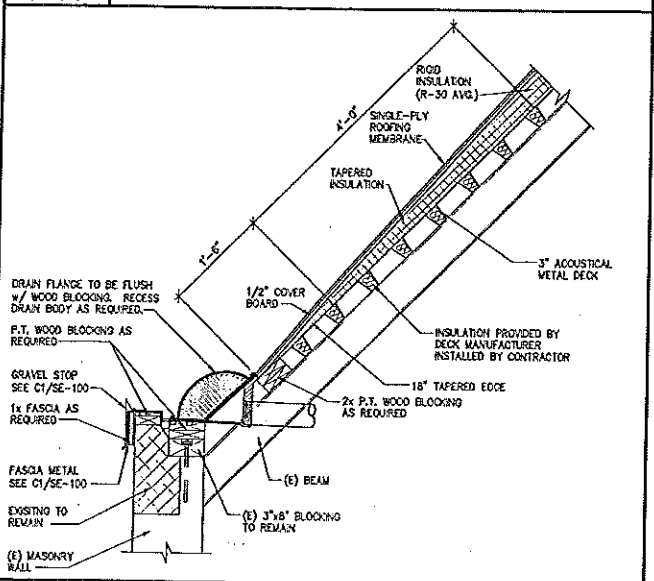
E9 ROOF DRAIN DETAIL  
3/4" = 1'-0"



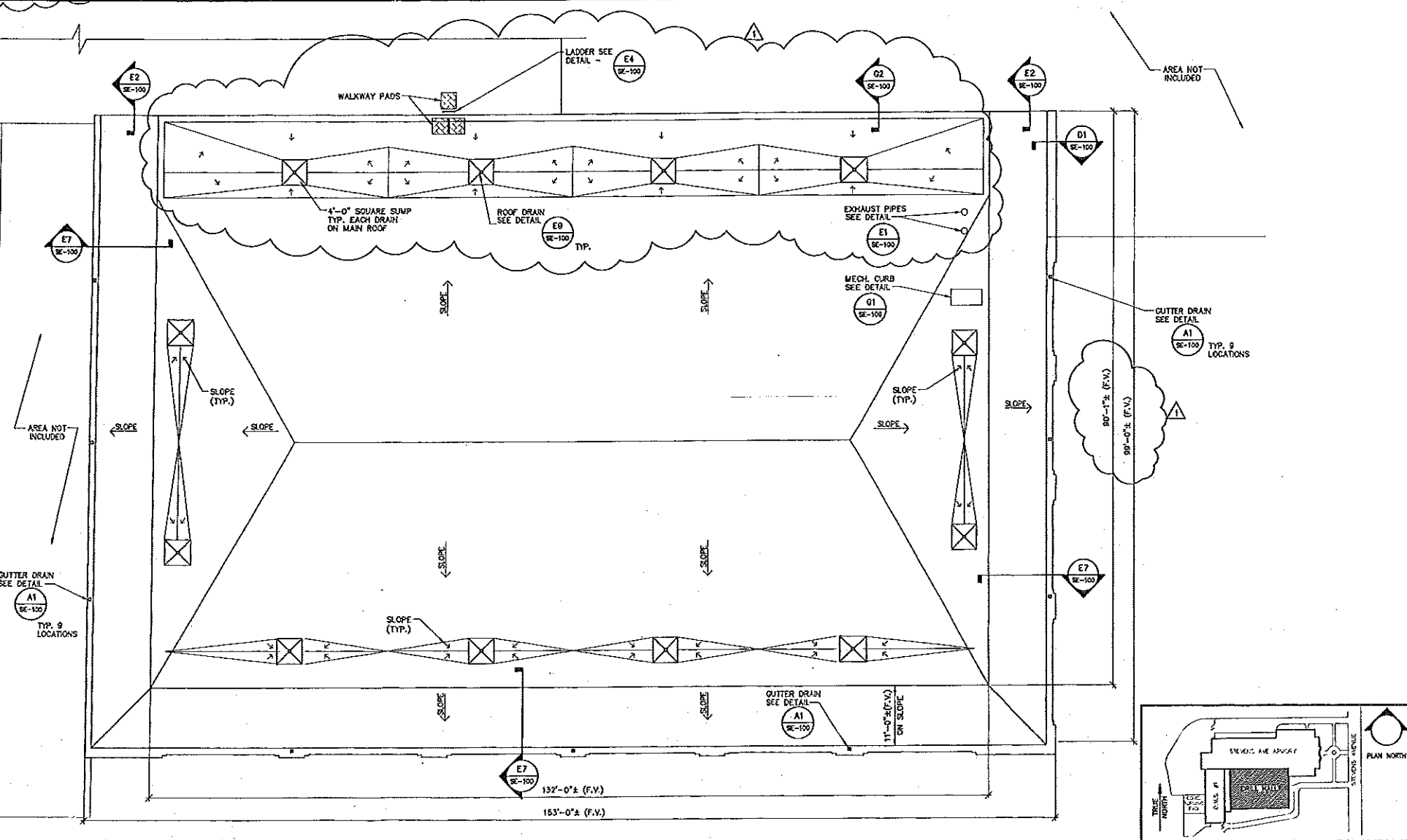
D1 SECTION @ EXISTING ROOF  
3/4" = 1'-0"



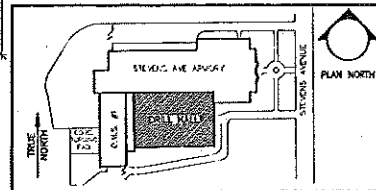
C1 GRAVEL STOP DETAIL  
3" = 1'-0"



A1 SECTION @ ROOF DRAIN  
1" = 1'-0"



A3 ROOF PLAN  
1/8" = 1'-0"



A9 KEYPLAN

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REVISIONS

NO.	DATE	BY	DESCRIPTION
1	02/10/13	JAN	ISSUED FOR CONSTRUCTION
2	03/19/13	WFF	PROJECT MGR. WFF
3	03/19/13	WFF	PROJECT MGR. WFF
4	03/19/13	WFF	PROJECT MGR. WFF
5	03/19/13	WFF	PROJECT MGR. WFF
6	03/19/13	WFF	PROJECT MGR. WFF
7	03/19/13	WFF	PROJECT MGR. WFF
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10	03/19/13	WFF	PROJECT MGR. WFF

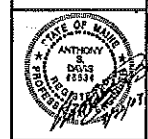
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PROJECT MGR: WFF  
PROJECT NO: 0007  
JOB FILE: 00070707.dwg  
GRAPHIC: 0  
SCALE: 1" = 1'-0"

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

**SE-100**



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REVISIONS

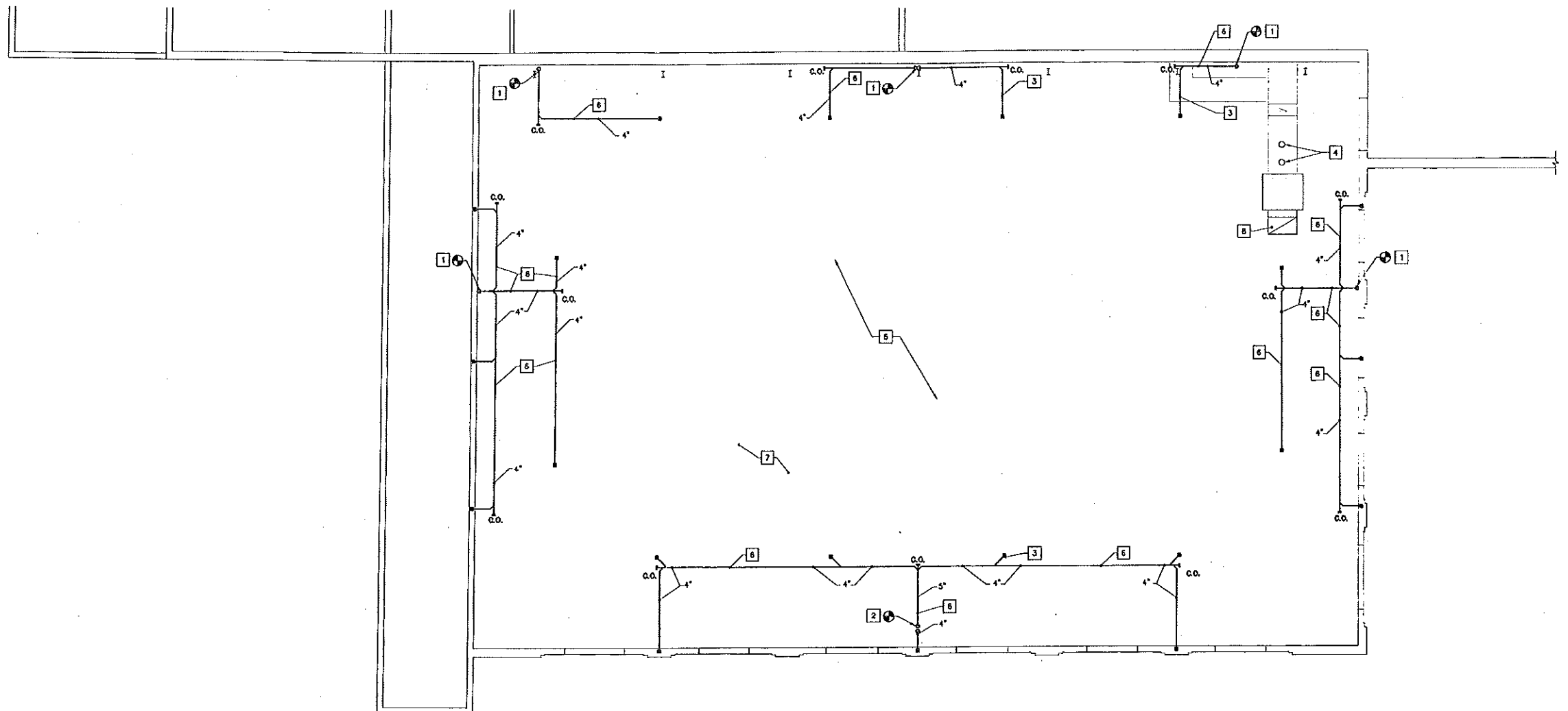
NUMBER	DATE	DESCRIPTION

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 Drawn By: JAM  
 Checked By: WFF  
 Project Mgr: WFF  
 Project No: 02007  
 Est. No: 02007S.dwg  
 Graphic Scale

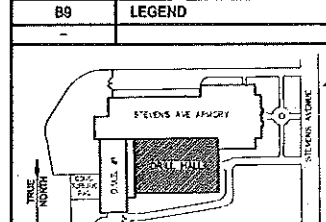
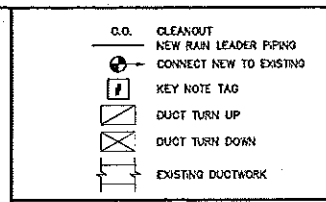
MECHANICAL ROOF PLAN  
 DRILL HALL

ARMORY REEROOFING  
 STEPHENS AVE  
 PORTLAND, MAINE

MH-100



- 1 CONNECT NEW 4" RAIN LEADER TO EXISTING 6" RAIN LEADER.
- 2 CONNECT NEW 6" RAIN LEADER TO EXISTING 6" 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 SECTIONS. 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 16± FANS UNIFORMLY SPACED).
- 6 FITCH 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