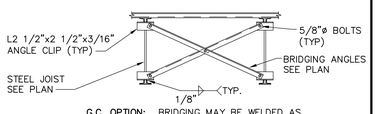
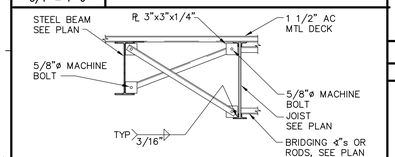
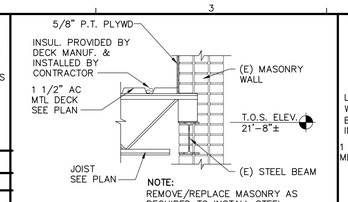


G.C. OPTION: BRIDGING MAY BE WELDED AS PER S.J.I. STANDARDS IN LIEU OF BOLTS.

H1	BOLTED DIAGONAL BRIDGING DETAIL - TYP.
3/4" = 1'-0"	

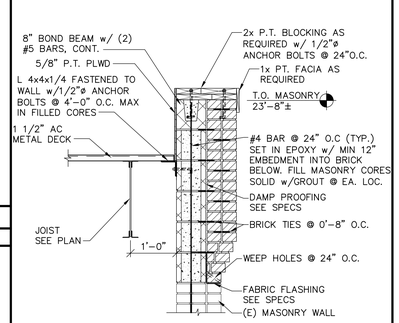


G1	BOLTED DIAGONAL BRIDGING TO STEEL BEAM
3/4" = 1'-0"	

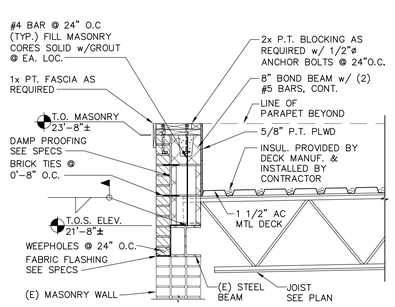


NOTE: REMOVE/REPLACE MASONRY AS REQUIRED TO INSTALL STEEL JOISTS. (TYP. EA. LOC.)

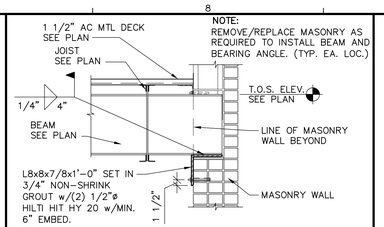
H2	SECTION @ JOIST
3/4" = 1'-0"	



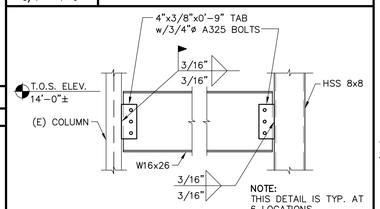
G4	PARAPET WALL DETAIL
3/4" = 1'-0"	



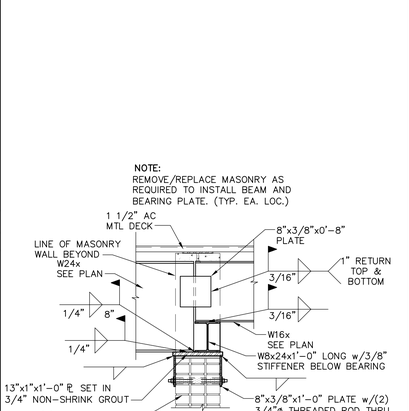
G5	SECTION @ JOIST
3/4" = 1'-0"	



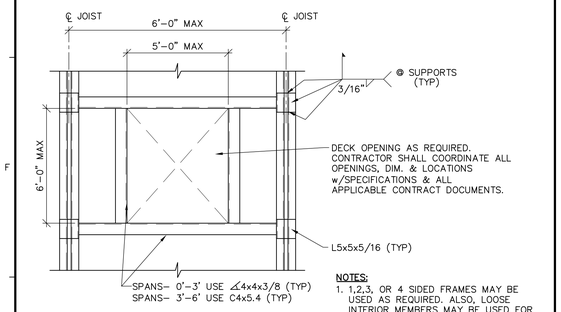
G7	SECTION @ BEAM BEARING
3/4" = 1'-0"	



F7	SECTION
3/4" = 1'-0"	

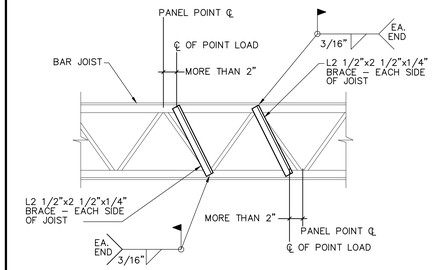


F9	SECTION @ BEAM BEARING ~ BASE BID WITH ALT. #1
3/4" = 1'-0"	



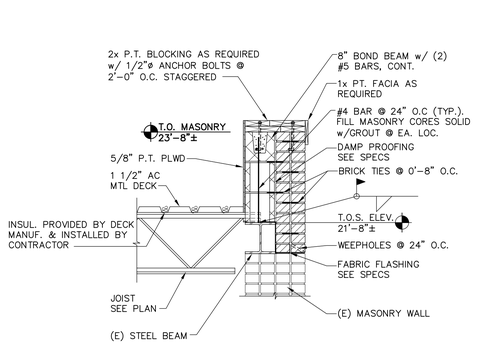
NOTES:
1. 1,2,3, OR 4 SIDED FRAMES MAY BE USED AS REQUIRED. ALSO, LOOSE INTERIOR MEMBERS MAY BE USED FOR ADDED ADJUSTMENT.
2. FRAME NOT REQUIRED FOR ROUND OPENINGS LESS THAN 12"ø SEE NOTE 10 A7/S-000

E1	TYP. OPENING IN ROOF DECK (U.N.O.)
3/4" = 1'-0"	

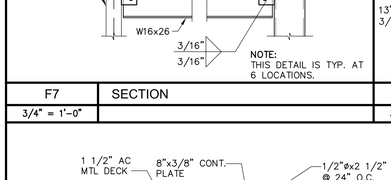


NOTES:
1. JOIST REINFORCEMENT REQUIRED WHEN POINT LOAD EXCEEDS 200 LBS.
2. BENEATH MECH. CURBS, PROVIDE JOIST REINF. AT JOIST PANEL JOINTS. WHEN CURBS ARE OFFSET FROM PANEL BY MORE THAN 2", REINF. JOIST AS DETAILED ABOVE.

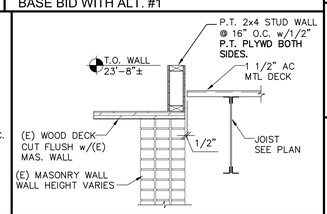
E3	TRUSS FIELD MODIFICATION FOR POINT LOAD > 200#
3/4" = 1'-0"	



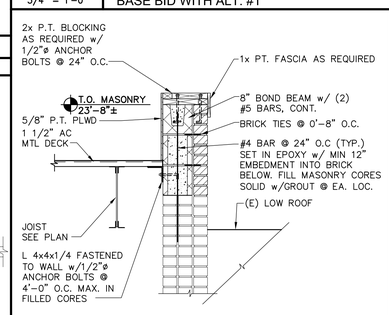
E5	PARAPET WALL DETAIL
3/4" = 1'-0"	



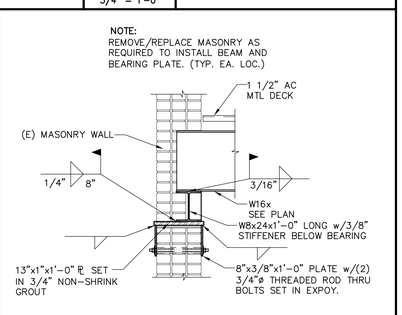
E7	SECTION @ CAST IN PLACE CONCRETE ~ BASE BID WITH ALT. #1
3/4" = 1'-0"	



E9	SECTION @ EXISTING MAS. WALL
3/4" = 1'-0"	

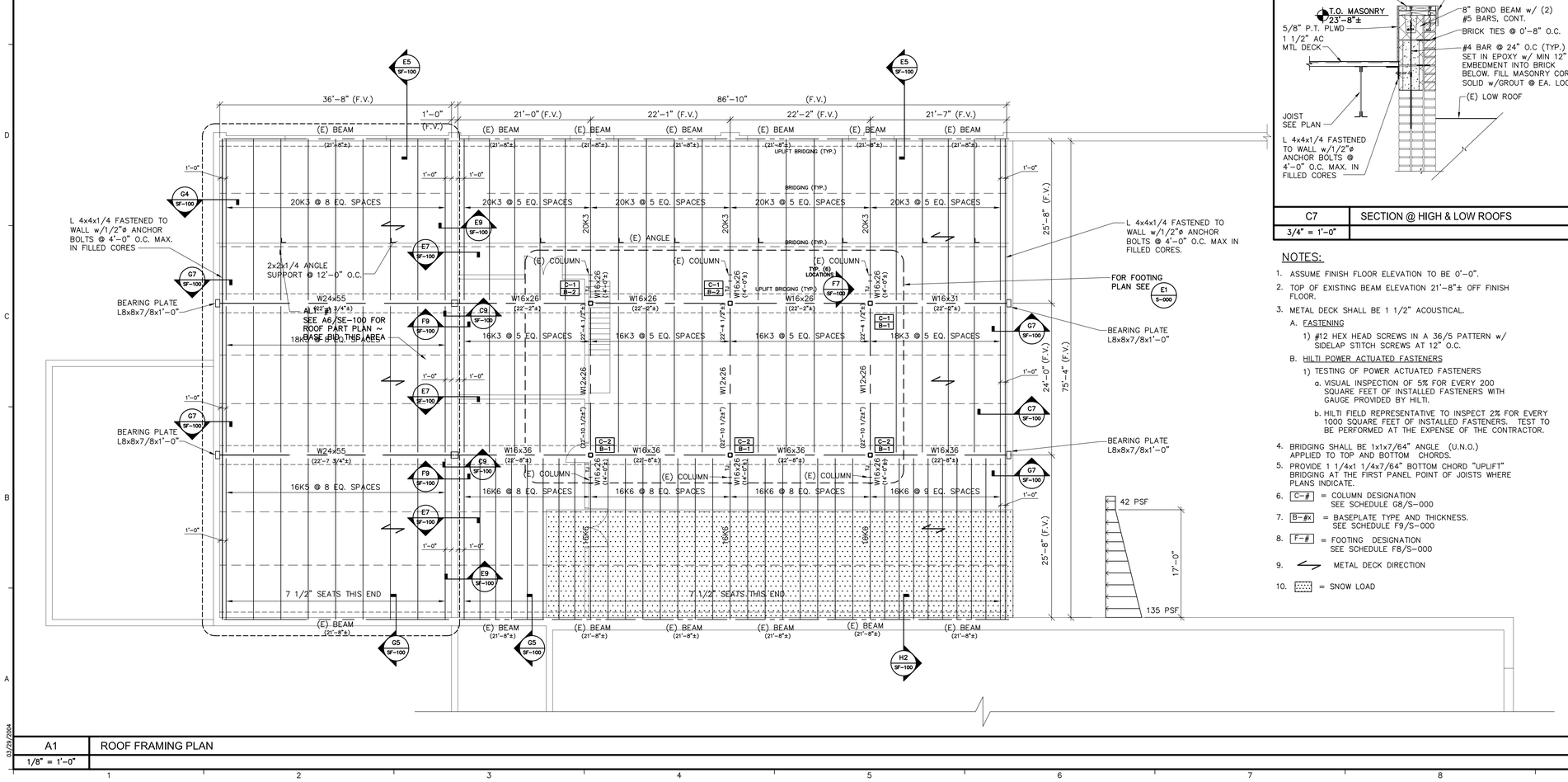


C7	SECTION @ HIGH & LOW ROOFS
3/4" = 1'-0"	



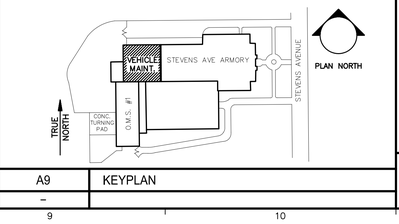
C9	SECTION @ BEAM BEARING ~ BASE BID
3/4" = 1'-0"	

B9	TIE-JOIST TO COLUMN DETAIL
3/4" = 1'-0"	



NOTES:
1. ASSUME FINISH FLOOR ELEVATION TO BE 0'-0".
2. TOP OF EXISTING BEAM ELEVATION 21'-8"± OFF FINISH FLOOR.
3. METAL DECK SHALL BE 1 1/2" ACOUSTICAL.
   A. FASTENING
      1) #12 HEX HEAD SCREWS IN A 36/5 PATTERN w/ SIDELAP STITCH SCREWS AT 12" O.C.
   B. HILTI POWER ACTUATED FASTENERS
      1) TESTING OF POWER ACTUATED FASTENERS
         a. VISUAL INSPECTION OF 5% FOR EVERY 200 SQUARE FEET OF INSTALLED FASTENERS WITH GAUGE PROVIDED BY HILTI.
         b. HILTI FIELD REPRESENTATIVE TO INSPECT 2% FOR EVERY 1000 SQUARE FEET OF INSTALLED FASTENERS. TEST TO BE PERFORMED AT THE EXPENSE OF THE CONTRACTOR.
4. BRIDGING SHALL BE 1x1x7/64" ANGLE (U.N.O.) APPLIED TO TOP AND BOTTOM CHORDS.
5. PROVIDE 1 1/4x1 1/4x7/64" BOTTOM CHORD "UPLIFT" BRIDGING AT THE FIRST PANEL POINT OF JOISTS WHERE PLANS INDICATE.
6. C-# = COLUMN DESIGNATION SEE SCHEDULE G8/S-000
7. B-#x = BASEPLATE TYPE AND THICKNESS. SEE SCHEDULE F9/S-000
8. F-# = FOOTING DESIGNATION SEE SCHEDULE F8/S-000
9. METAL DECK DIRECTION
10. = SNOW LOAD

A1	ROOF FRAMING PLAN
1/8" = 1'-0"	



A9	KEYPLAN
–	

allied engineering, inc.
FULL SERVICE CONSULTING ENGINEERS
STRUCTURAL • MECHANICAL • ELECTRICAL • ENVIRONMENTAL • CONSTRUCTION ADMINISTRATION
One Westbrook Commn. Westbrook, Maine 04092-2004
Telephone No: 207-854-5191 • Fax No: 207-854-0003
E-Mail: info@alliedengr.com • www.alliedengr.com

REVISIONS

DESCRIPTION	BY	DATE	NUMBER

Date: APRIL 2, 2004
Drawn By: JJM
Checked By: WPF
Project Mgr: WPF
Project No: 02017
Cad File: 02017SF.dwg
Graphic Scale: 0 1"

© COPYRIGHT 2003 ALLIED ENGINEERING, INC.

ROOF FRAMING PLAN
VEHICLE MAINTENANCE

ARMORY RE-ROOFING
STEVENS AVE
PORTLAND, MAINE

SF-100

03/29/2004