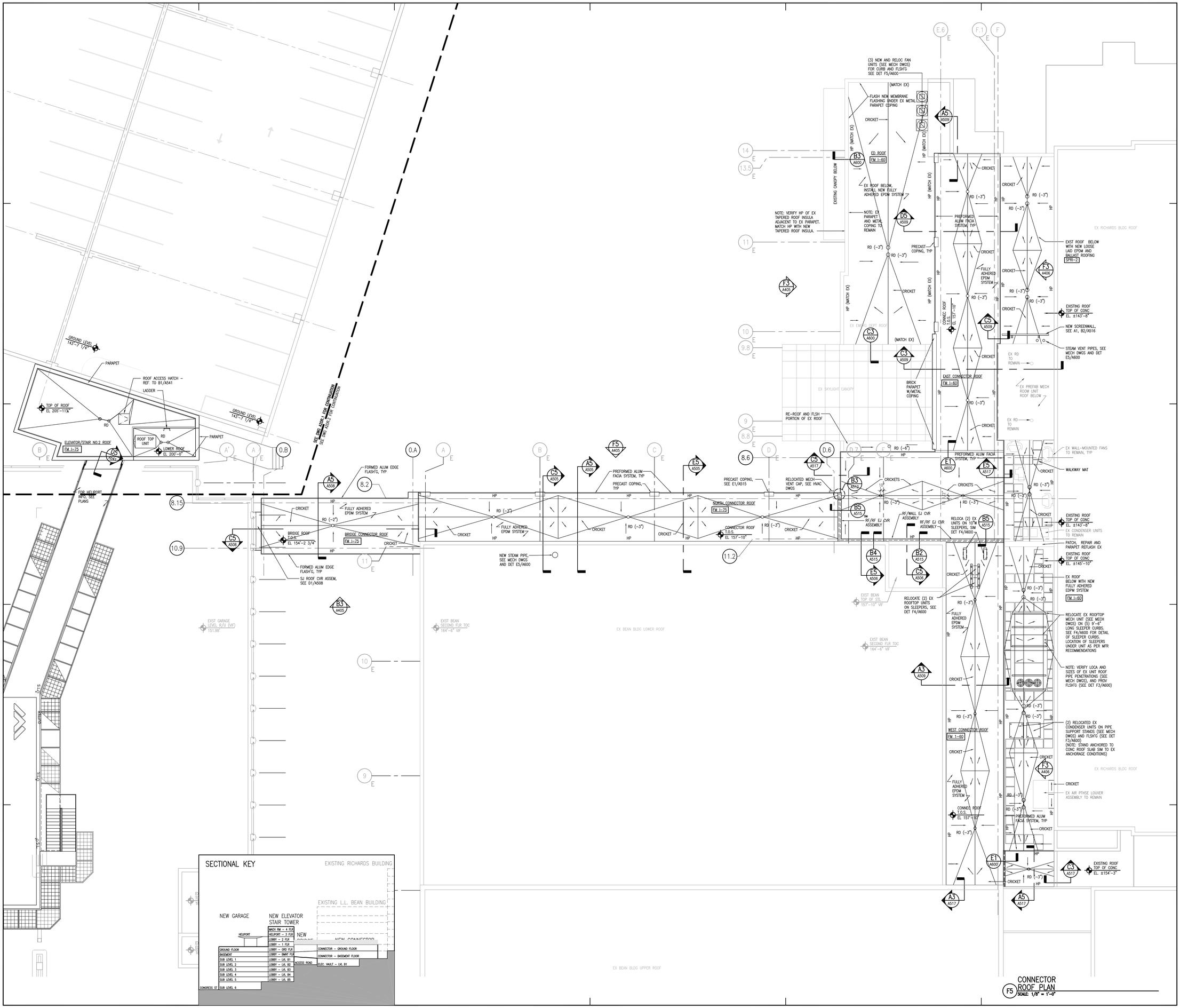


F5 CONNECTOR ROOF PLAN
SCALE: 1/8" = 1'-0"

General Notes:

1) FOR MECHANICAL, ELECTRICAL AND PLUMBING LAYOUTS, SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.

2) ——— INDICATES ROOF SLOPE AT 1/4" FT. MINIMUM.

3) PROVIDE 3" MIN RIGID INSULATION AT CORRIDOR ROOF DRAIN LOW POINTS, AND 4" MIN AT BRIDGE ROOF DRAIN LOW POINT, TYP. TOTAL ROOF CONSTRUCTION ASSEMBLY TO HAVE AN R=30 AVERAGE, SEE HVAC DWGS.

4) (–X") INDICATES TOTAL AMOUNT OF SLOPE REQUIRED TO ROOF DRAIN.

5) TYPICAL NEW ROOF CONSTRUCTION:
U.L. DESIGN NO. P801 – 1 1/2 HR. RATED
FULLY ADHERED ROOF MEMBRANE ON 1/2" RECOVERY BOARD ON TAPERED RIGID INSULATION ON 5/8" THERMAL BARRIER ON VAPOR RETARDER ON GALV MTL ROOF DECK SPRAY FIREPROOFED

6) FOR ROOF DRAIN DETAIL, SEE F2/A600

7) FOR DETAILS AT PIPES THRU ROOF SEE E5/A600 (INSULATED PIPE) F3/A600 (UN-INSULATED PIPE)

8) ROOF WALKWAY PAD LAYOUT IS SHOWN FOR CONCEPT ONLY. FINAL LAYOUT OF WALKWAY PADS SHOULD BE REVIEWED FOR APPROVAL WITH THE HOSPITAL FACILITIES MANAGER. FOR WALKWAY PAD DETAIL, SEE D3/A600.

9) FOR PREFAB FAN CURB DETAILS SEE F5/A600

10.) SECURING OF PERIMETER WOOD NAILERS ONTO STEEL PLATES OR STEEL ANGLES: AT SINGLE CONT. 2" X NAILERS, PROVIDE 3/4" GALV. ANCHORS WITH GALV. WASHERS COUNTERSUNK AT 4' OC MAXIMUM. DOUBLE ANCHORS WITHIN 8' FROM CORNERS TO 2' OC MAX. AT MULTIPLE 2" X NAILERS, SECURE BOTTOM NAILER PER ABOVE AND SECURE ADDITIONAL LAYER(S) OF 2" X NAILERS WITH GALV. NAILS OR CSK LAG SCREWS IN STAGGERED ROWS, EACH FASTENER SHALL BE MAX. 2' OC. WITHIN 8' FROM CORNERS DOUBLE THE FASTENERS – SPACING EACH ROW AT 12" OC MAX. MIN. PENETRATION INTO BOTTOM NAILER SHALL BE 1 1/4".

SECURING OF PERIMETER WOOD NAILERS ONTO COMPOSITE CONCRETE DECK: AT SINGLE CONT 2"X NAILERS, PROVIDE 1/2" ST ST MASONRY ANCHOR BOLT SYSTEM WITH ST ST WASHERS, CSK AT 4'–0" OC MAX WITH 3 1/2" MIN PENETRATION INTO CONCRETE DECK. DOUBLE ANCHORS WITHIN 8'–0" FROM CORNERS TO 2'–0" OC SPACING MAX. AT MULTIPLE 2"X NAILERS, SECURE BOTTOM NAILER PER ABOVE AND SECURE ADDITIONAL LAYER(S) OF 2"X NAILERS WITH GALV. NAILS OR CSK LAG SCREWS IN STAGGERED ROWS, EACH FASTENER SHALL BE MAX 2'–0" OC. WITHIN 8'–0" FROM CORNERS, DOUBLE THE FASTENERS – SPACING EACH ROW AT 12 INCHES OC MAX. MIN. PENETRATION INTO THE NAILER BELOW SHALL BE 1 11/4".

SECURING OF PERIMETER WOOD NAILERS ONTO CMU WALL: AT SINGLE CONT. 2X NAILERS, PROVIDE 1/2" GALV. ANCHOR BOLTS WITH GALV. WASHERS, CSK AT 4'–0" OC MAX. WITH 8" MIN. PENETRATION INTO CMU WALL VOIDS FILLED WITH GROUT. DOUBLE ANCHORS WITHIN 8'–0" FROM CORNERS TO 2'–0" OC SPACING MAX. AT MULTIPLE 2X NAILERS, SECURE BOTTOM NAILER PER ABOVE AND SECURE ADDITIONAL LAYER(S) OF 2X NAILERS WITH GALV. NAILS CSK GALV. LAG SCREWS IN STAGGERED ROWS, EACH FASTENER MAX. 2'–0" OC. WITHIN 8' FROM CORNERS, DOUBLE THE FASTENERS – SPACING EACH ROW AT 12" OC MAX. MIN. PENETRATION INTO NAILER BELOW SHALL BE 1 1/4".

SECURING OF PERIMETER WOOD NAILERS INTO METAL DECKING OR COLD FORMED METAL FRAMING RUNNERS: AT SINGLE CONT. 2"X NAILERS, PROVIDE 2 ROWS OF STAGGERED #10 GALV. SCREWS WITH 5/8" GALV. WASHERS, AT 2'–0" OC MAX. WITH 1" MIN PENETRATION THROUGH THE TOP OF METAL DECK FLUTES OR RUNNER. DOUBLE SCREWS WITHIN 8'–0" FROM CORNERS TO 1'–0" OC MAX. AT MULTIPLE 2"X NAILERS, SECURE BOTTOM NAILER PER ABOVE AND SECURE ADDITIONAL LAYER(S) OF 2"X NAILERS WITH GALV. NAILS OR CSK LAG SCREWS IN STAGGERED ROWS. EACH FASTENER MAX. 2'–0" OC. WITHIN 8'–0" FROM CORNERS, DOUBLE THE FASTENERS – SPACING EACH ROW AT 1'–0" OC MAX. MINIMUM PENETRATION INTO NAILER BELOW SHALL BE 1 1/4".

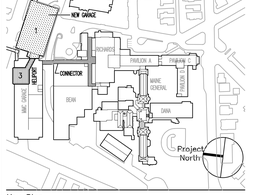
11.) FM I-60 INDICATES REQUIRED FACTORY MUTUAL WIND UPLIFT RATING

12.) FM I-75 INDICATES REQUIRED FACTORY MUTUAL WIND UPLIFT RATING

13.) SPRI-2 INDICATES BALLASTED ROOFING SYSTEM DESIGN PER ANSI/SPRI-4 WIND DESIGN STANDARD FOR BALLASTED SINGLE-PLY ROOFING SYSTEMS.

MARK	ISSUE DATE	DESCRIPTION
PERMIT	09/16/04	PERMIT SET
BID	08/26/04	BID SET

Issue Log



Key Plan

TRO
ARCHITECTU
PLANNING
ENGINEERIN
INTERIO
The Ritchie Organizat
80 Bridge Stre
Newton, MA 02458-1
617-969-94

Maine Medical Center

Pkg F - Garage / Vault / Conn / Heliport
Portland, ME
MMC Project No. 21845

Drawing Title
CONNECTOR ROOF PLAN

0' 4' 8' 16' 32'

Commission No.	4678	Date Issued	08/26/04
Scale	1/8" = 1'-0"	Sheet Number	PKG-F
Drawn By	FC		
Approved By	BS		A2OR.2
Filename	4678A2OR.2.dwg		

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