

I hereby certify that the portion of this technical memorandum described herein was prepared by me or under my direct supervision and to the best of my knowledge and belief it conforms to the requirements of the State of Missouri.

Name: _____
 Signature: _____
 Date: _____

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BJC HEALTH SYSTEM

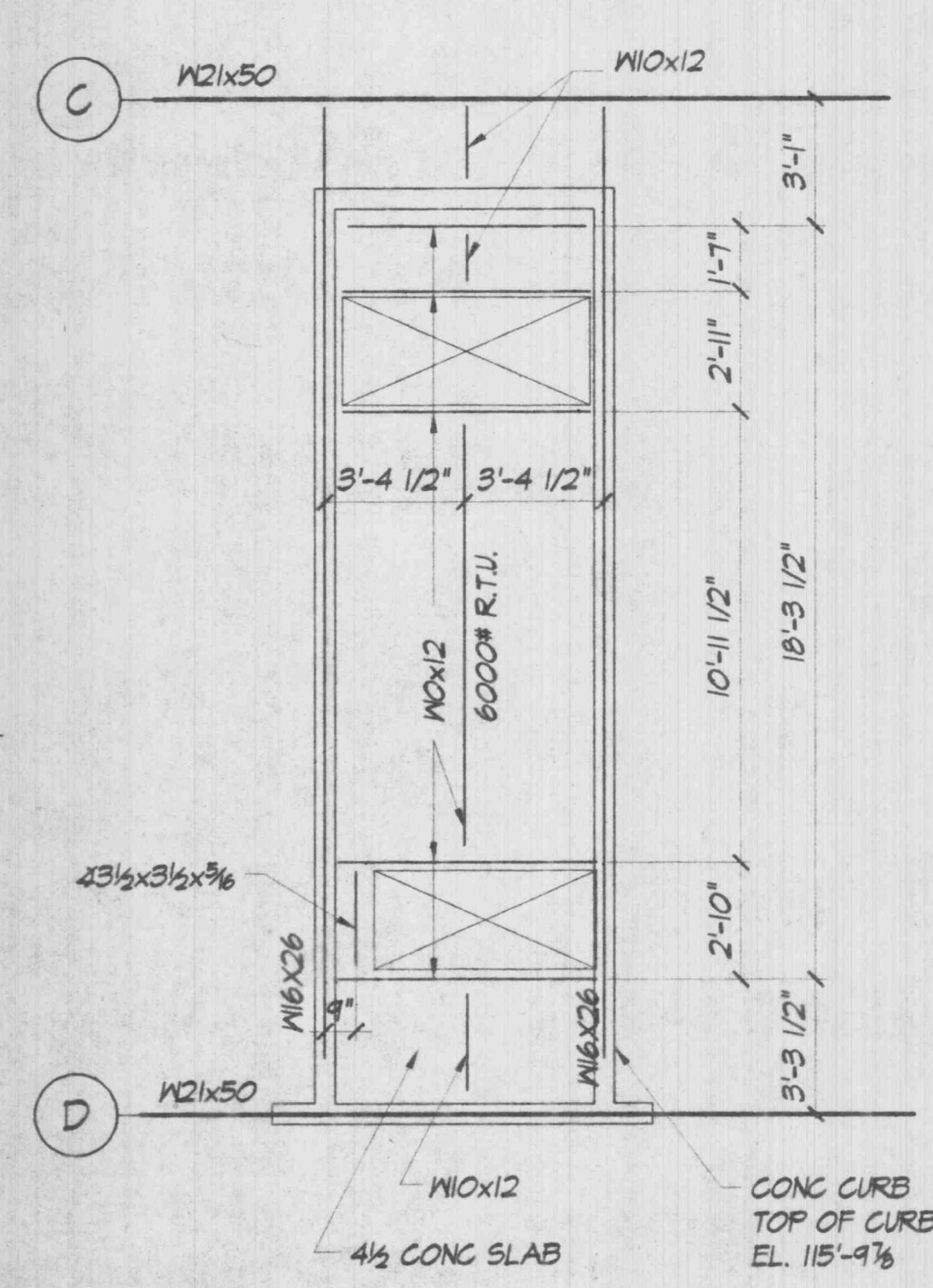
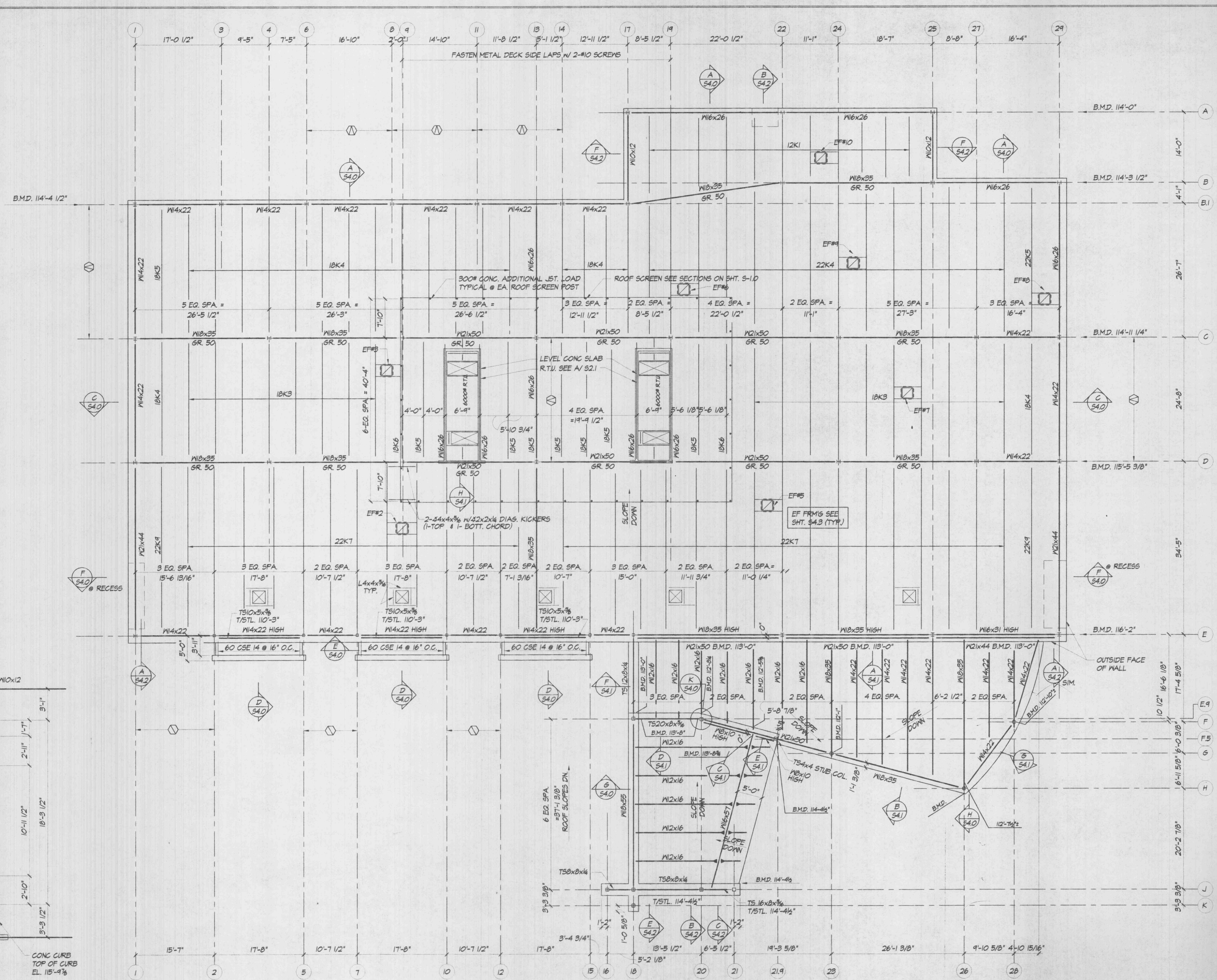
Project:
**BJC - O'Fallon
 Family Health
 Center**

O'Fallon, Missouri

Revisions

Prj # _____
 Date: 11-14-97
 Sheet Contents
 ROOF FRAMING PLAN

Sheet No.
S-2.1
 The Wischmeyer Architects, Inc. 5907(c)



MECHANICAL UNIT DETAIL
 SCALE: 1/4" = 1'-0"
 NOTE:
 ALL DIMENSIONS TO BE VERIFIED BY THE MECHANICAL CONTRACTOR BEFORE SUBMITTING STRUCTURAL STEEL SHOP DRAWINGS.

- NOTES:
1. ROOF CONSTRUCTION SHALL BE 1/2" - 22 GA. WIDE RIB, PAINTED METAL DECK (MIN. PROPERTIES: 1=167 IN/FT. 45=186 IN/FT. 5=194 IN/FT.) OVER STEEL BEAMS AND JOIST. WELD METAL DECK TO ALL SUPPORTING STEEL WITH 3/8" ϕ PUDDLE WELD @ 12" O.C. AND AT 6" O.C. AT THE PERIMETER OF THE BUILDING.
 2. FASTEN SIDE LAP OF METAL DECK WITH 1-#10 SHEET METAL SCREW FOR SPAN MORE THAN 3'-0" (2-#10 SHEET METAL SCREWS WHERE NOTED ON THE PLAN)
 3. "B.M.D." NOTED ON PLAN INDICATES BOTTOM OF METAL DECK ELEVATION.
 4. STRUT JOIST TO OCCUR ON ALL COLUMN LINES UNO. ON PLAN SEE SHEET S4.3 FOR TYPICAL TIE JOIST DETAIL.
 5. PROVIDE HORIZ. JOIST BRIDGING SPACED PER LATEST S.J.I. (UNO.)

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

6. ALL STRUCTURAL STEEL SHALL BE ASTM A36, F_y=36 KSI STEEL UNLESS NOTED (GR50) ON PLAN THEN USE ASTM A572 F_y=50 KSI.
7. COORDINATE FINAL ROOF TOP MECH. UNITS LOCATION, SIZES, AND WTS. WITH STRUCTURAL ENGINEER BEFORE FABRICATION OF ROOF MEMBERS.
8. "O" NOTED ON PLAN INDICATES LOCATION OF VERTICAL BRACINGS SEE SHEET S4.1 FOR ELEVATIONS AND DETAILS.
9. JOIST MFR. TO DESIGN JOIST FOR THE FOLLOWING NET UPLIFT LOADS: OF 15 PSF
10. JOIST MFR. TO DESIGN JOIST FOR ADDITIONAL CONCENTRATED LOADS SHOWN ON DRAWINGS.

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