

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

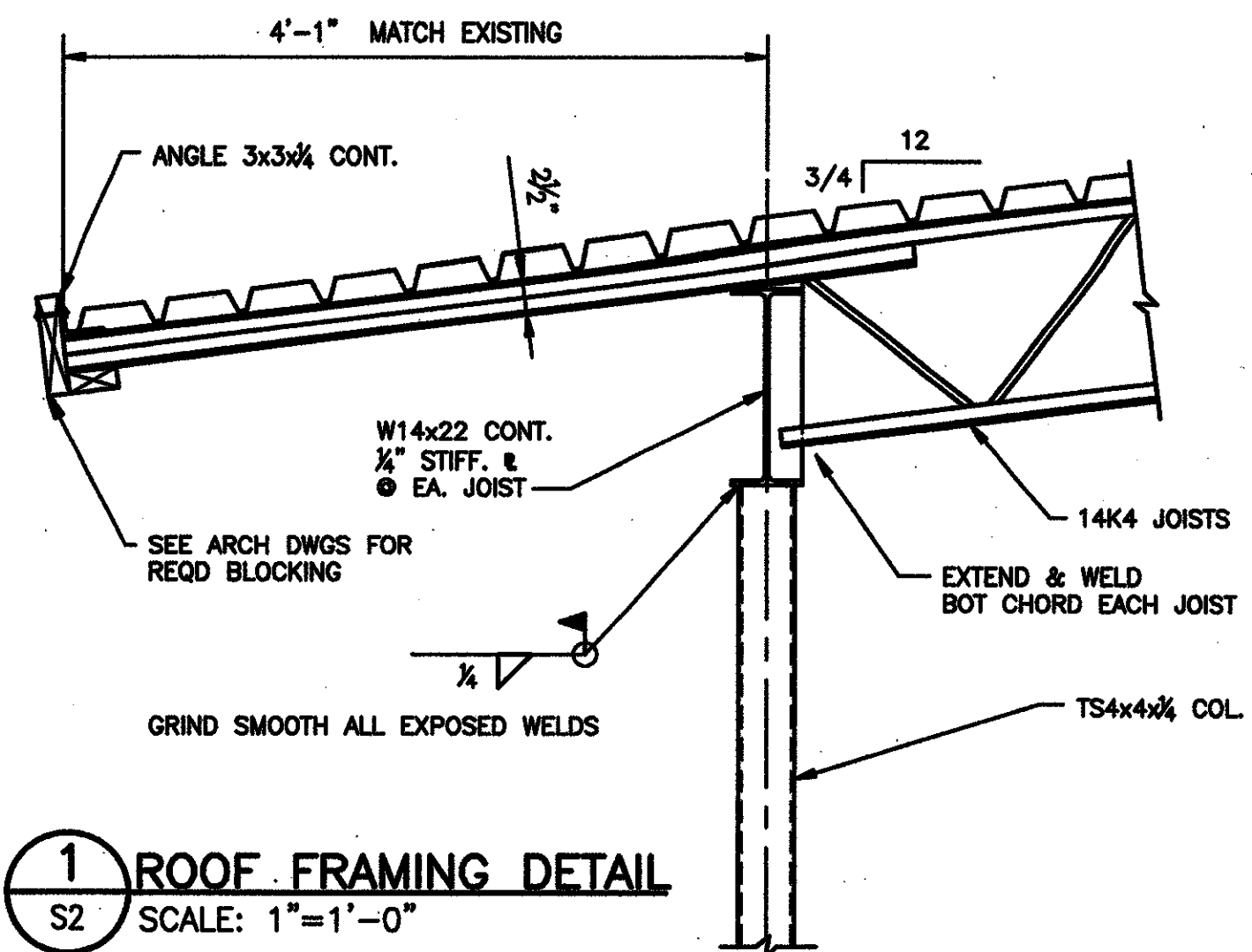
**GENERAL NOTES**

- ALL CONCRETE SHALL BE STANDARD WEIGHT AND SHALL TEST AT 4,000 PSI AT 28 DAYS. IT SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 AND 318. SUBMIT A DETAIL MIX DESIGN FOR REVIEW PRIOR TO CONSTRUCTION. SEE SECTION 3300 OF SPECIFICATIONS.
- REINFORCING STEEL SHALL BE NEW BILLET ASTM A-615 GRADE 60. DETAIL REINFORCING AND PROVIDE ACCESSORIES IN ACCORDANCE WITH THE LATEST ACI MANUAL OF STANDARD PRACTICE. PROVIDE STANDARD 90 DEGREE HOOKS AT DISCONTINUOUS TOP BARS AND COLUMN VERTICALS.
- REINFORCING CLEARANCES ARE REQUIRED AS FOLLOWS:  
SLAB: 1" CLEAR BOTTOM AND 3/4" CLEAR TOP;  
BEAMS: 1.5" CLEAR IF FORMED AND 3" CLEAR IF EARTH FORMED.
- ALL WELDED WIRE FABRIC SHALL BE ASTM A-185 AND SHALL BE PROVIDED IN SHEETS. LAP THE MESH TWO WIRE SPACES EACH WAY AND PROVIDE 1.5 INCH CONCRETE BRICKS AT 48 INCHES ON CENTER EACH WAY TO SUPPORT THE MESH.
- PLACE A 10 MIL POLYETHYLENE VAPOR/MOISTURE BARRIER BENEATH ALL SLABS AND BEAMS ON GRADE.

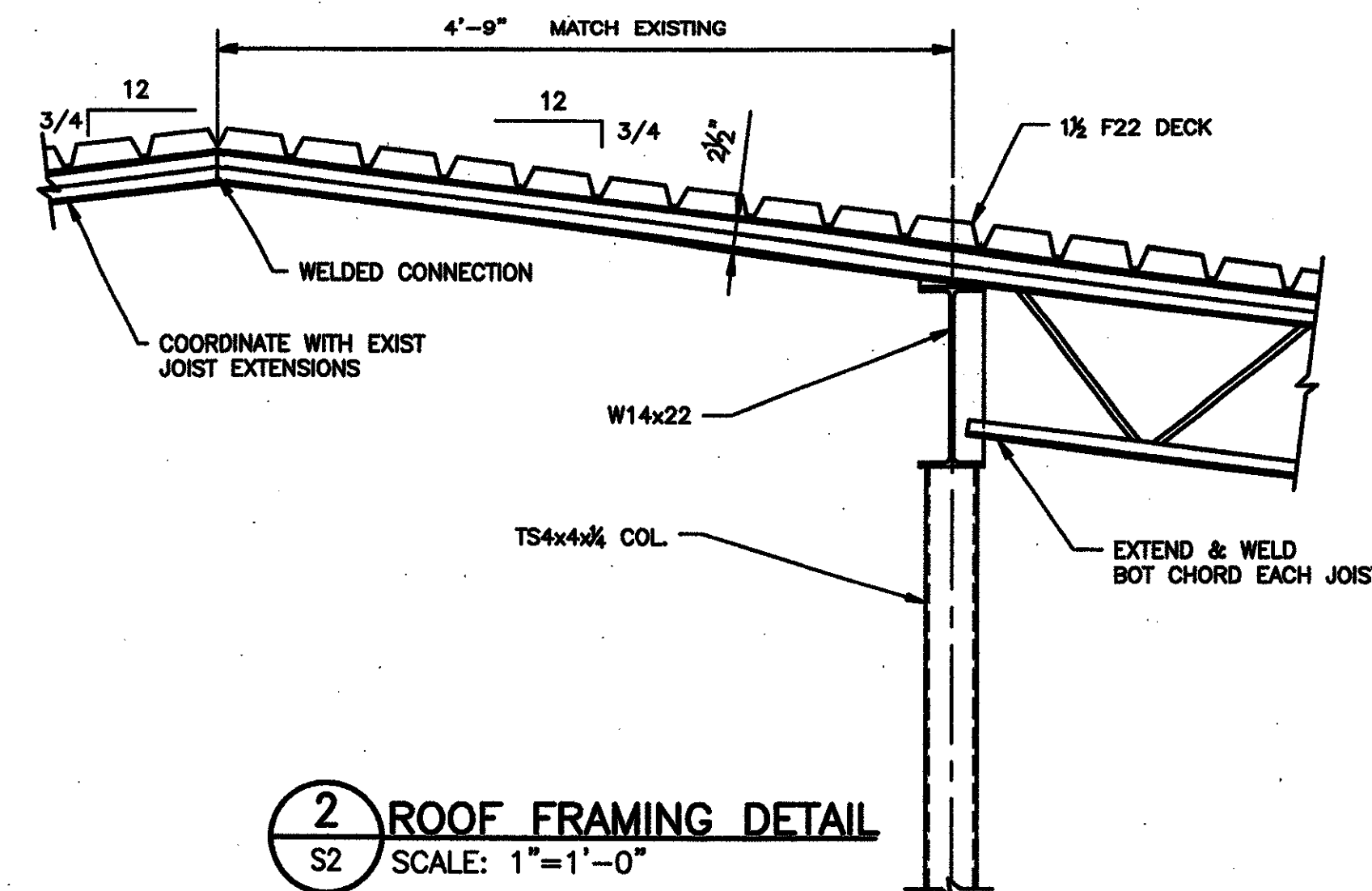
- ALL STRUCTURAL STEEL, ANGLES, PLATES AND EMBEDDED ITEMS SHALL BE MANUFACTURED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC SPECIFICATIONS. STRUCTURAL SHAPES SHALL BE ASTM A 572 GRADE 50. PLATES AND ANGLES SHALL BE ASTM A 36. TUBE SECTIONS SHALL BE ASTM A 500 GRADE B. PIPE SECTIONS SHALL BE ASTM A 53 GRADE B.
- ALL STEEL JOISTS SHALL BE FABRICATED, INSTALLED AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. THE BOTTOM CHORDS OF STRUT JOISTS SHALL BE WELDED IN PLACE AFTER THE DEAD LOAD OF THE ROOF IS PLACED. SUPPLY UPLIFT BRIDGING AS REQUIRED.

- ROOF DECK ATTACHMENT PATTERN AS FOLLOWS:  
36/5 WITH WITH 5/8 INCH PUDDLE WELDS AT SUPPORTS WITH 4 #10 TEK SIDELAP SCREWS PER SPAN.

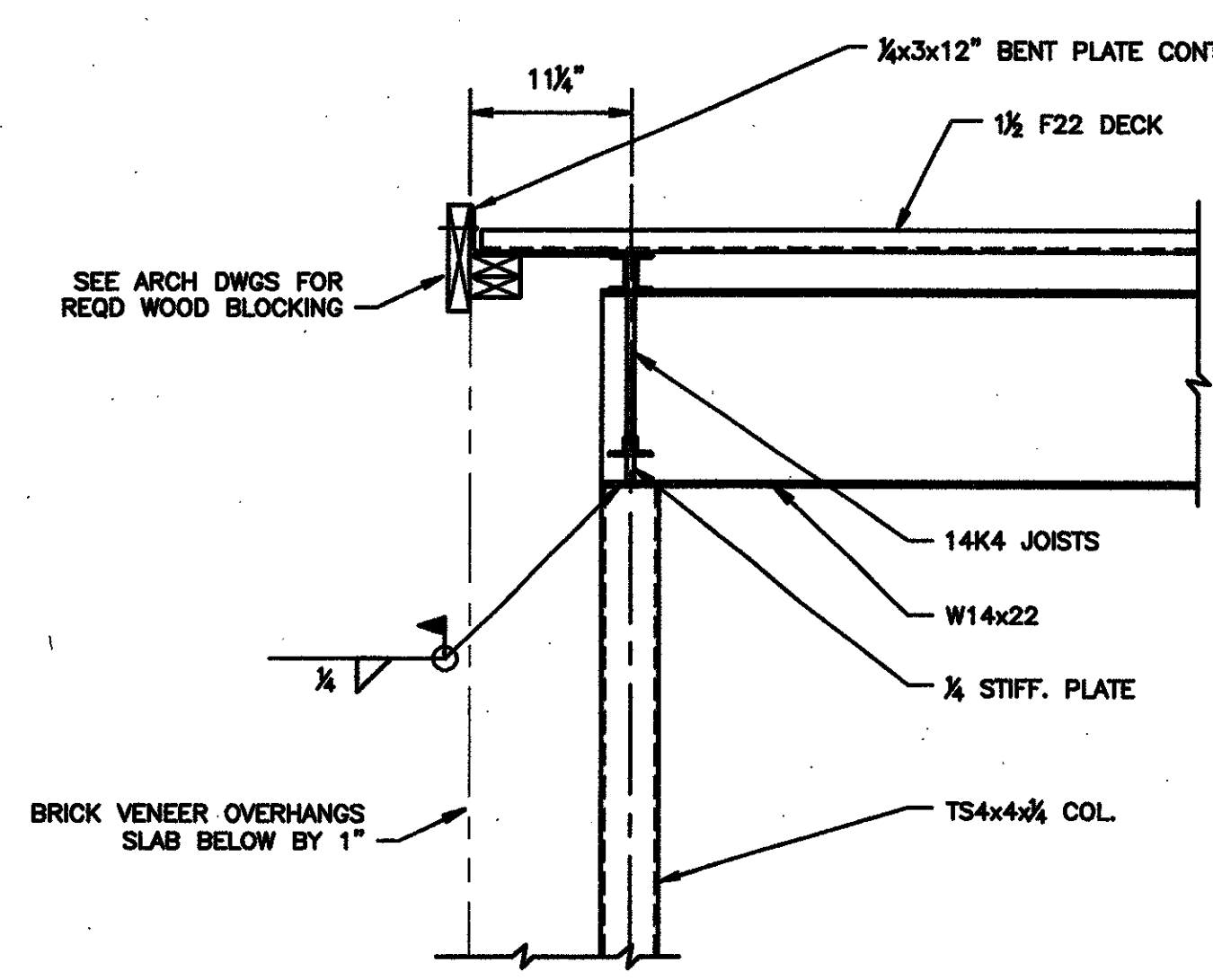
9. DESIGN LOADS (PSF)	DEAD	LIVE
FLOOR CLASSROOMS	63	40
FLOOR CORRIDORS	63	100
ROOF	15	20
SNOW	---	5
WIND 120 MPH EXPOSURE B		
ASCE 7-05 METHOD ONE - ENCLOSED BUILDING		
BUILDING CATEGORY III - IMPORTANCE FACTOR 1.15		
COMPONENTS & CLADDING - BASED ON 20 SF AREA (PSF)		
ZONE 1	-28.9	11.4
ZONE 2	-44.6	11.4
ZONE 3	-62.3	11.4
ZONE 4	-30.9	28.4
ZONE 5	-37.3	28.4



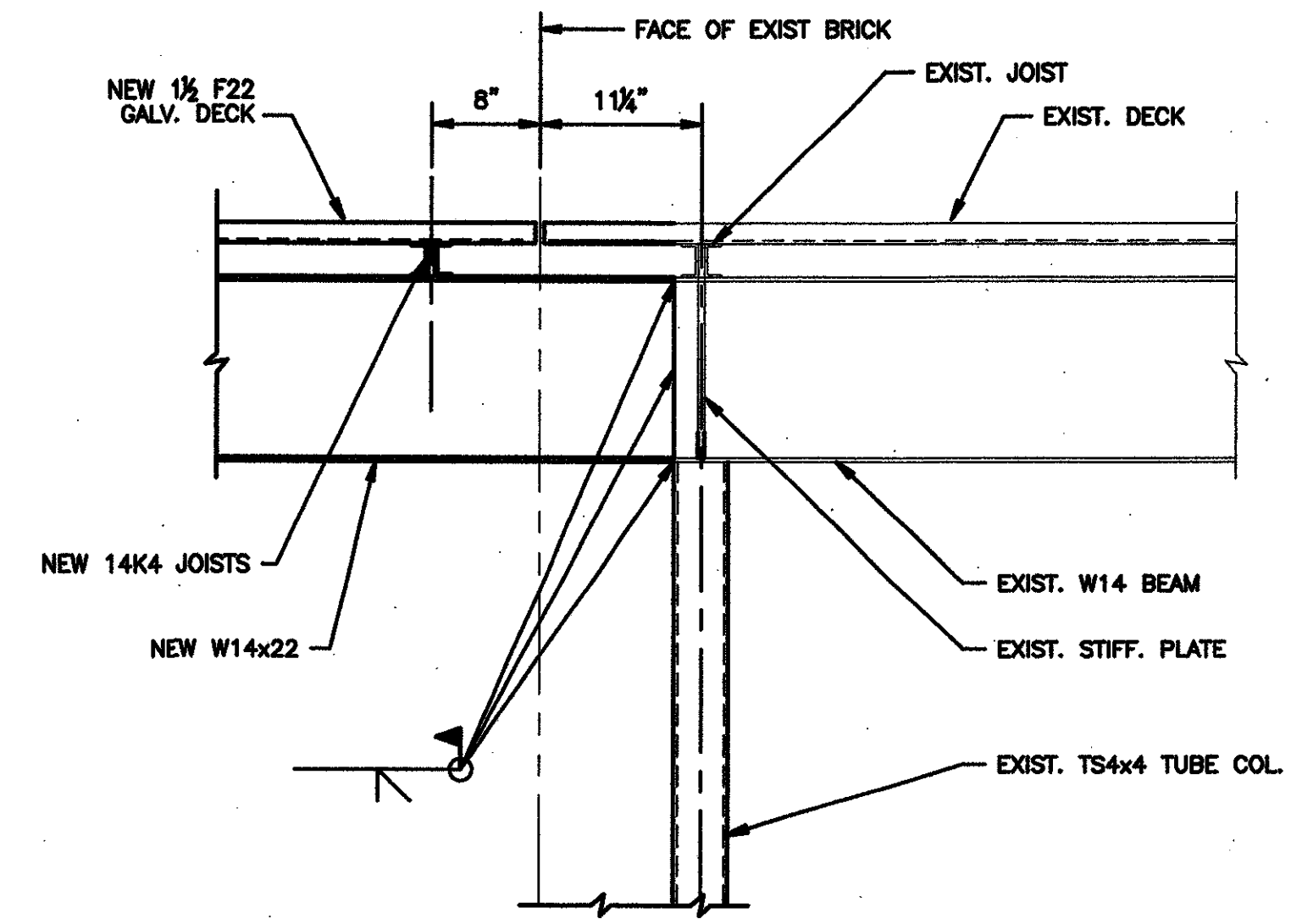
**1 ROOF FRAMING DETAIL**  
S2 SCALE: 1"=1'-0"



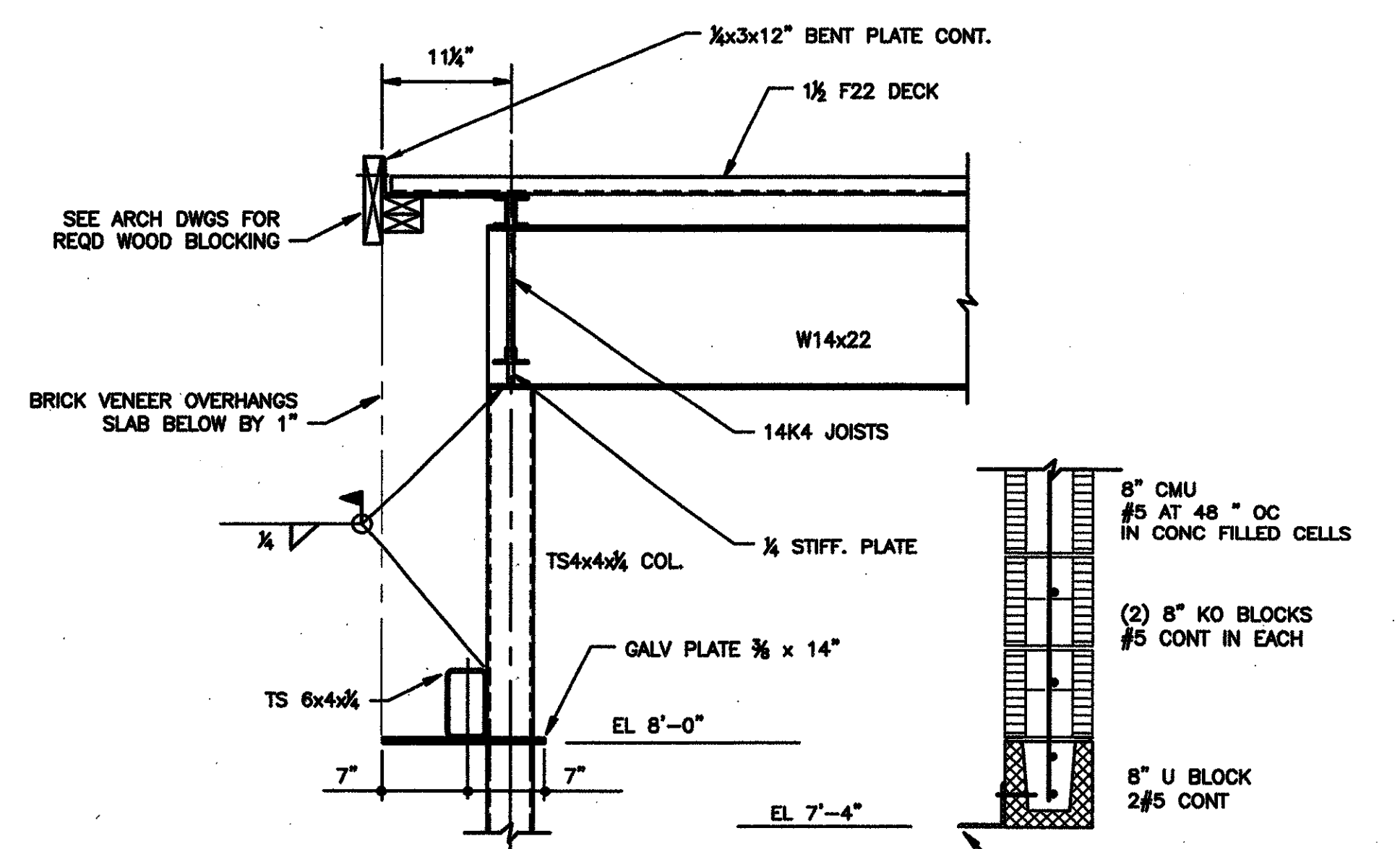
**2 ROOF FRAMING DETAIL**  
S2 SCALE: 1"=1'-0"



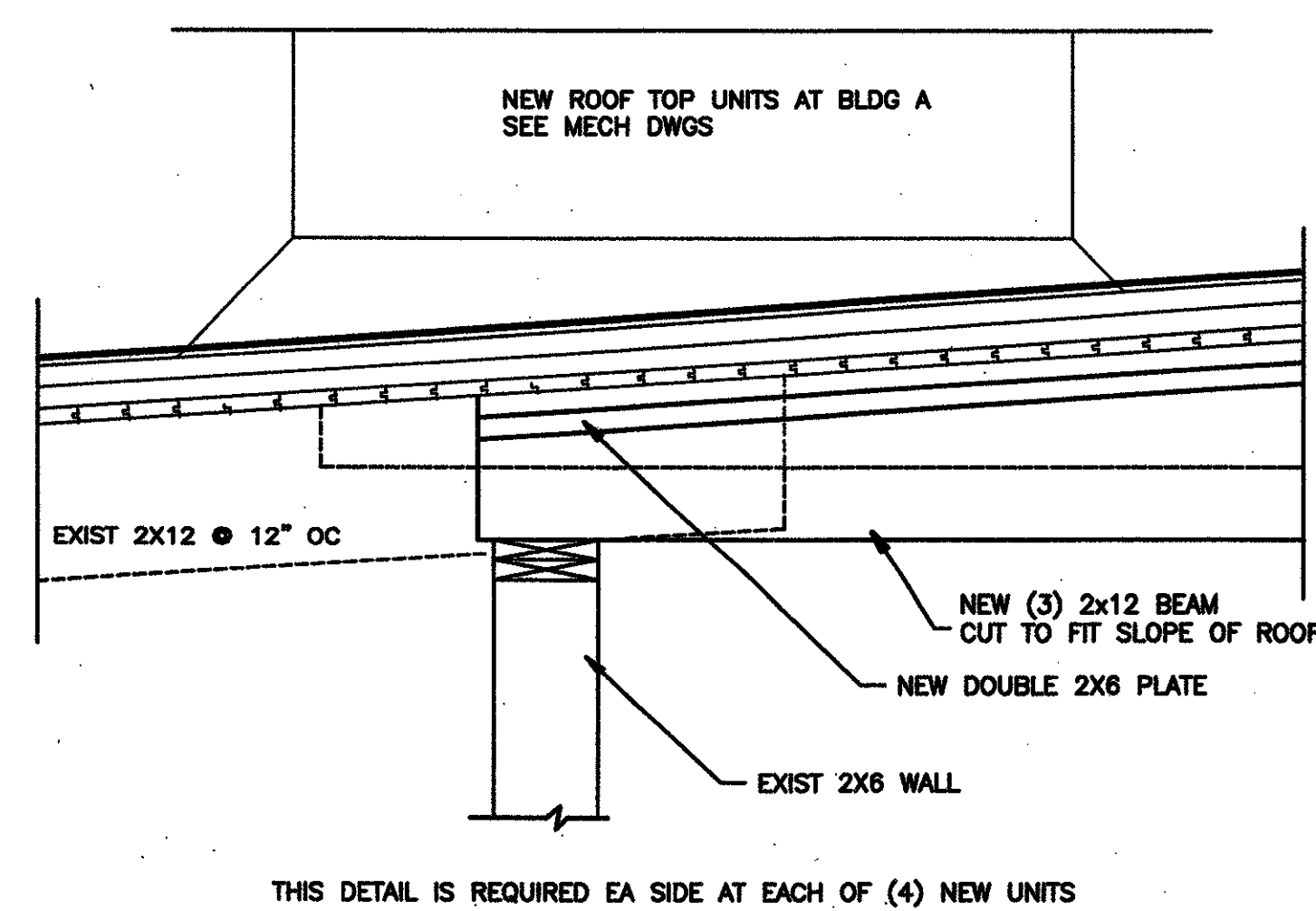
**3 ROOF FRAMING DETAIL**  
S2 SCALE: 1"=1'-0"



**4 ROOF FRAMING DETAIL**  
S2 SCALE: 1"=1'-0"



**5 ROOF FRAMING DETAIL**  
S2 SCALE: 1"=1'-0"



**6 AHU SUPPORT @ BLDG A**  
S2 SCALE: 1"=1'-0"

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**RENOVATIONS AND ADDITION  
TO CLASSROOM BUILDINGS  
FOLSOM JR. HIGH SCHOOL  
ST. TAMMANY PARISH SCHOOL BOARD**  
FOLSOM, LOUISIANA  
6065 HAY HOLLOW ROAD

DATE ISSUED: 10 JUNE 2009  
REVISIONS:  
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DRAWN BY:  
CHECKED BY:  
PHASE:  
**CONSTRUCTION DOCUMENTS**  
**08060**  
TITLE:  
**ROOF FRAMING PLAN**  
SHEET:  
**S2.0**