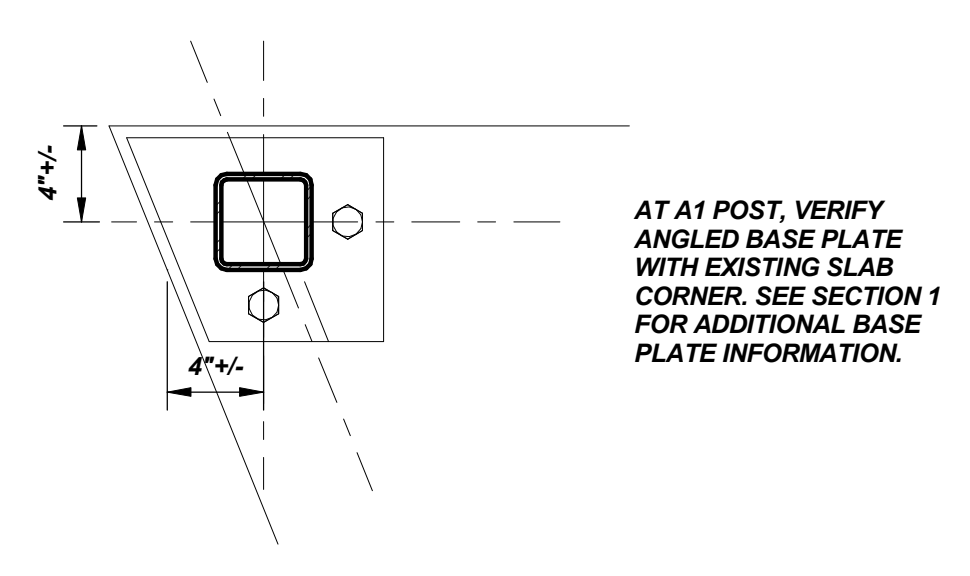
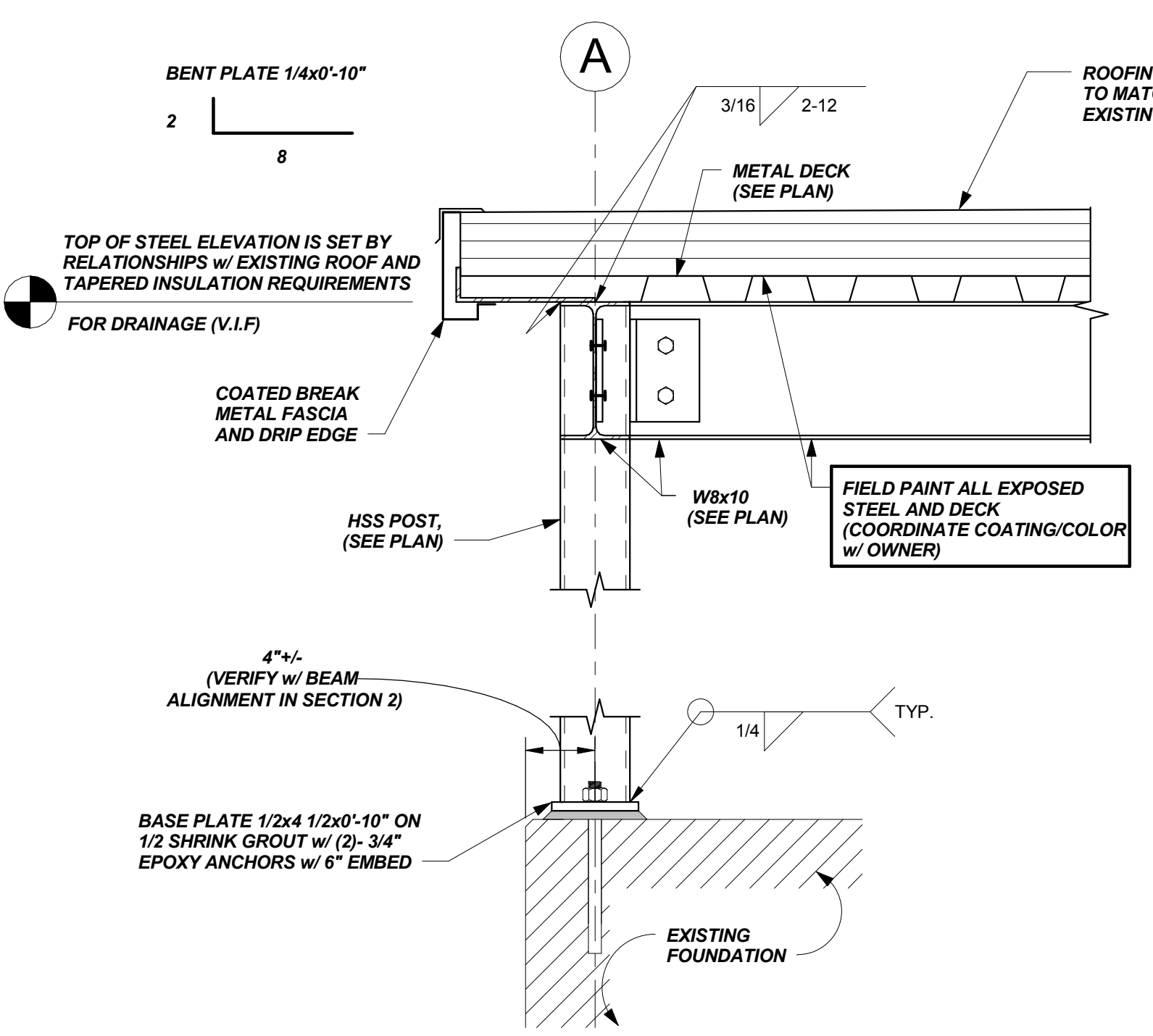


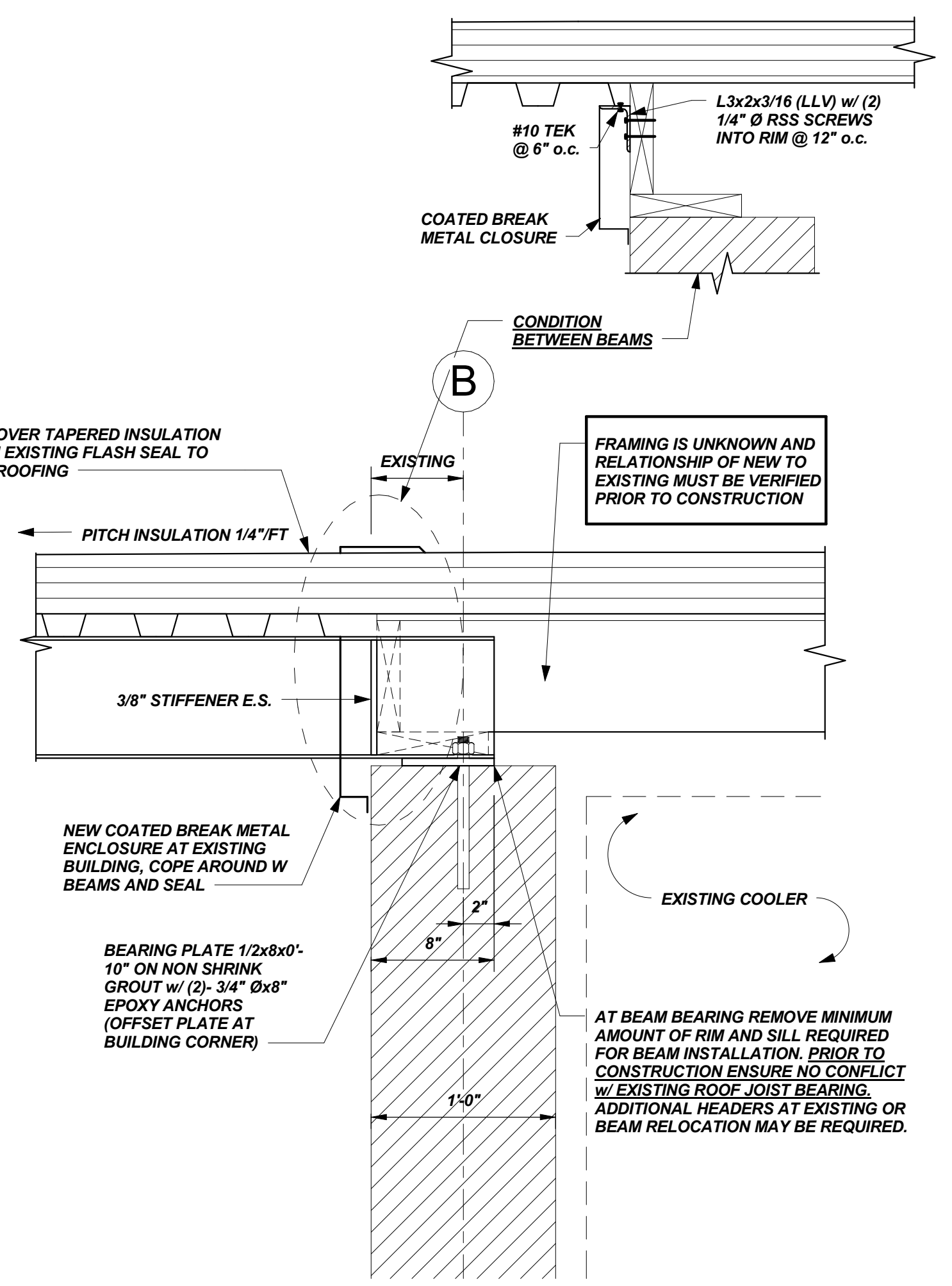
**CANOPY FRAMING PLAN**  
1/4" = 1'-0"



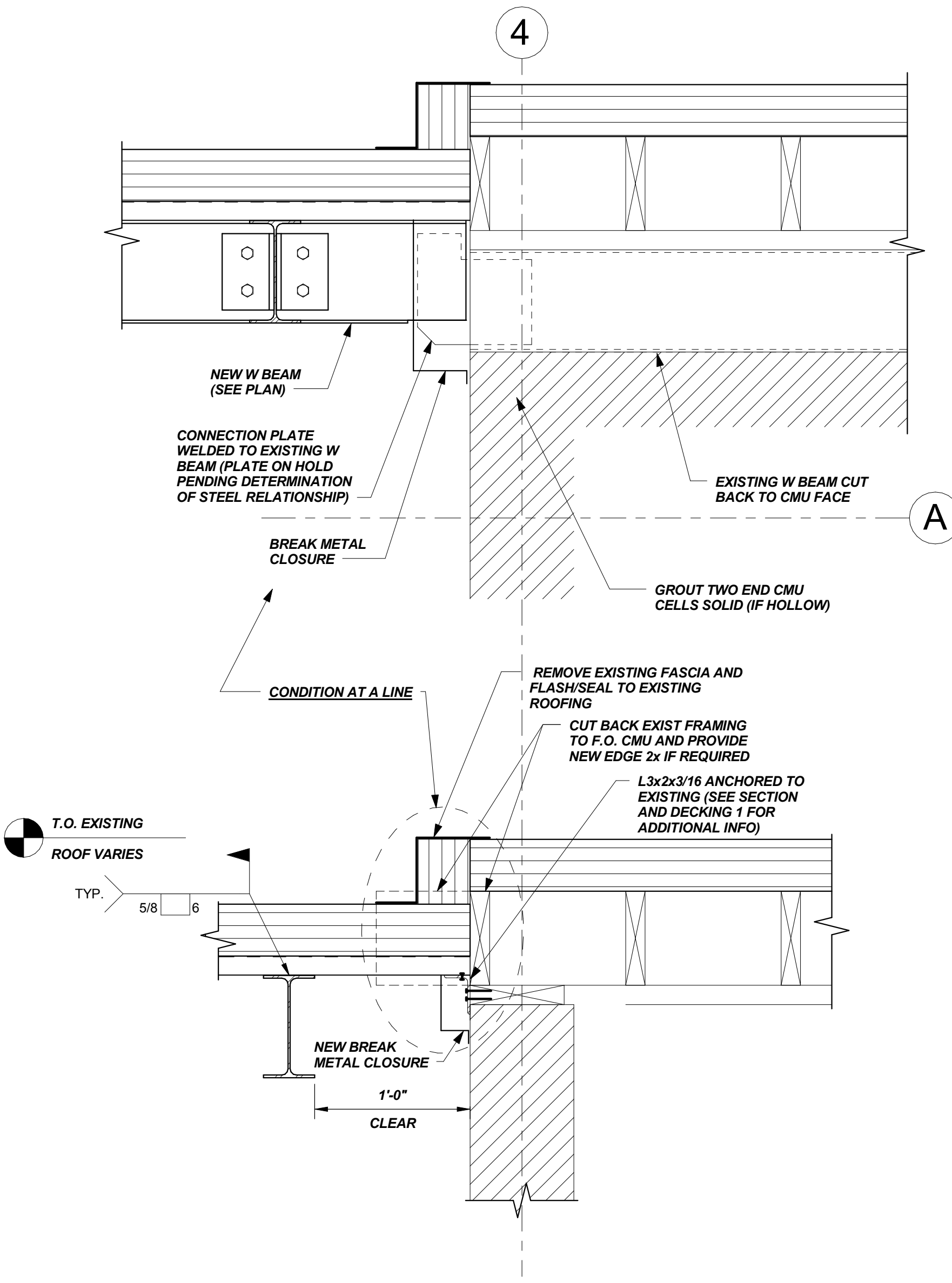
**DETAIL 4**  
1 1/2" = 1'-0"



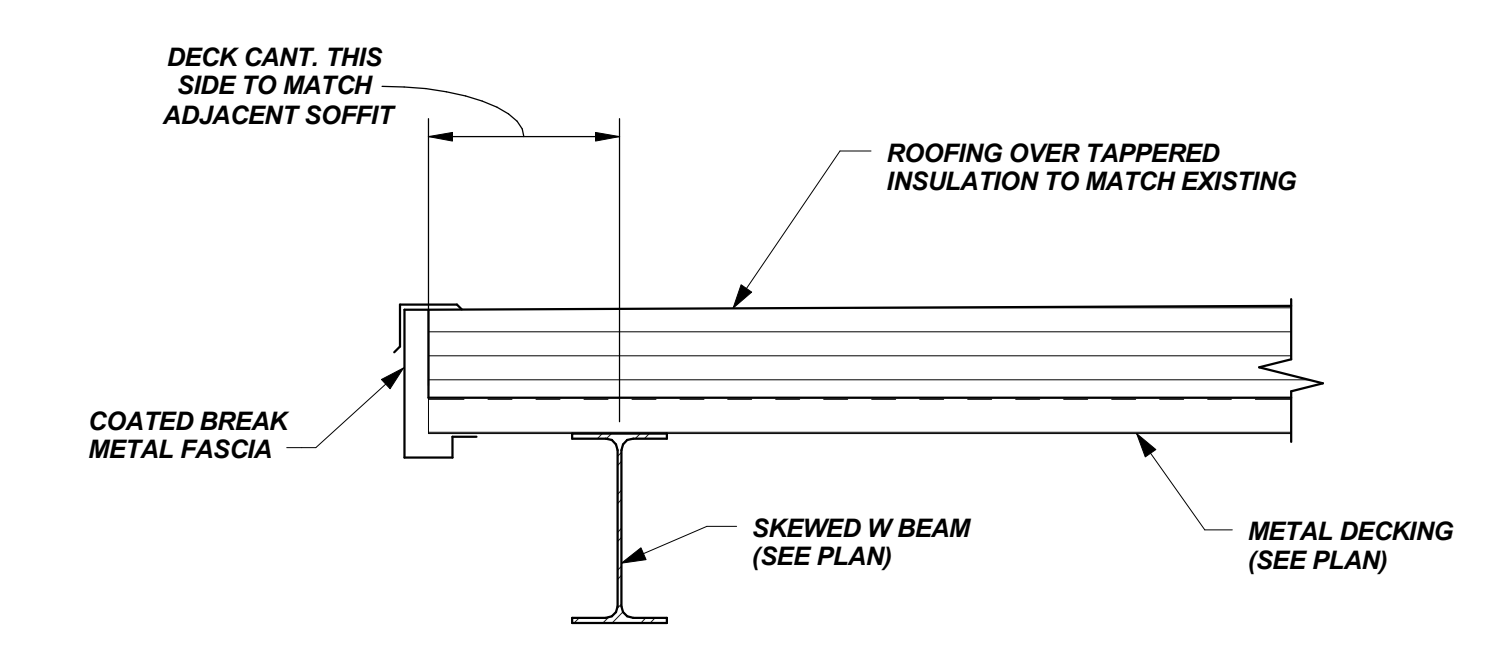
**SECTION 1**  
1 1/2" = 1'-0"



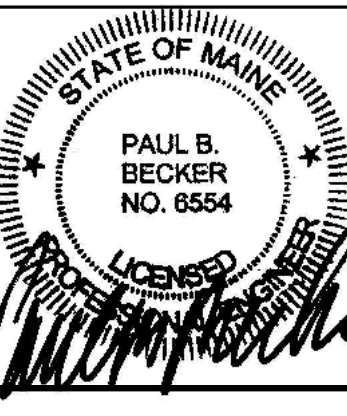
**SECTION 2**  
1 1/2" = 1'-0"



**SECTION 3**  
1 1/2" = 1'-0"



- GENERAL NOTES**
- THE FOLLOWING NOTES ARE INTENDED TO BE USED AS OUTLINED SPECIFICATIONS FOR THIS PROJECT. THE REFERENCED STANDARDS ARE CONSIDERED TO BE PART OF THE WORK.
  - ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
  - THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE ONLY AFTER THE STRUCTURAL WORK CONTAINED IN THE STRUCTURAL DRAWINGS IS COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, TEMPORARY BRACINGS, GUYS OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
  - ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- SUBMITTALS**
- THE CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS FOR ALL PARTS OF THE WORK, INCLUDING DESCRIPTION OF SHORING, AND CONSTRUCTION METHODS AND SEQUENCING WHERE APPLICABLE. NO PERFORMANCE OF THE WORK INCLUDING, BUT NOT LIMITED TO, SHORING AND DEMOLITION OF EXISTING STRUCTURE, OR FABRICATION OR ERECTION OF NEW STRUCTURAL ELEMENTS, SHALL COMMENCE WITHOUT REVIEW OF THE SHOP DRAWINGS BY THE ARCHITECT OR CONSTRUCTION MANAGER AND ENGINEER. CONTRACTOR SHALL ALLOW 10 WORKING DAYS FOR REVIEW.
  - REQUIRED SUBMITTALS SHALL INCLUDE:  
STRUCTURAL STEEL FRAMING FABRICATION DRAWINGS.
- DESIGN LOADS**
- BUILDING CODE:  
MAINE UNIFORM BUILDING AND ENERGY CODE INTERNATIONAL BUILDING CODE, 2009 EDITION INTERNATIONAL EXISTING BUILDING CODE, 2009 EDITION ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
  - DESIGN ROOF SNOW LOAD:  
GROUND SNOW LOAD (Pg): 60 PSF  
SNOW EXPOSURE FACTOR (Ce): 1.0  
SNOW LOAD IMPORTANCE FACTOR (Is): 1.0  
SNOW LOAD THERMAL FACTOR (Ct): 1.2  
FLAT ROOF SNOW LOAD (Pf): 50.4 PSF + DRIFT
  - DESIGN WIND LOAD:  
BASIC WIND SPEED: 100 MPH  
WIND LOAD IMPORTANCE FACTOR (Iw): 1.0  
WIND EXPOSURE: B  
INTERNAL PRESSURE COEFFICIENT: ±0.18  
COMPONENTS & CLADDING PER ASCE 7-05
  - DESIGN SEISMIC LOADS:  
SEISMIC FORCE RESISTING SYSTEM IS EXISTING & NEW CANOPY ADDITION TIES TO AND RELIES ON EXISTING LATERAL SYSTEM. ADDITION DOES NOT INCREASE LATERAL FORCE STORY SHEAR BY MORE THAN 10% - PER IEBEC, SEISMIC UPGRADE IS NOT REQUIRED.
- STRUCTURAL STEEL NOTES**
- STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN FABRICATIONS, AND ERECTION OF STRUCTURAL STEEL" 13TH EDITION, AND THE "CODE OF STANDARD PRACTICE", LATEST EDITION.
  - STRUCTURAL STEEL: STEEL PLATES, SHAPES, AND BARS, SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE (U.N.O.). STRUCTURAL STEEL SHAPES DESIGNATED ON THE DRAWINGS FOR WIDE-FLANGE SECTIONS: ASTM A992 (ASTM A572 GRADE 50 WITH SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED MARCH, 1997)
  - STRUCTURAL TUBING: CONFORM TO ASTM A500 GRADE B, 46 KSI.
  - FIELD CONNECTIONS SHALL BE BOLTED USING 3/4" DIAMETER HD GALV ASTM A325N HIGH STRENGTH BOLTS (U.N.O.)
  - WHERE WELDING IS INDICATED, ALL WELDING SHALL CONFORM TO AWS D1.1 LATEST EDITION. ELECTRODES SHALL CONFORM TO AWS A5.1 E70XX SERIES WITH PROPER ROD TO PRODUCE OPTIMUM WELD (LOW HYDROGEN)
  - DESIGN AND DETAIL ALL CONNECTIONS ACCORDING TO AISC STANDARD CONNECTION TABLES. DESIGN STANDARD BEAM CONNECTIONS FOR THE MAXIMUM LOAD CAPACITY OF THE MEMBER. BRACING CONNECTIONS HAVE BEEN DETAILED ON THE DRAWINGS.
  - ALL STEEL SHALL BE FABRICATED AND SHIPPED AS PAINTED WITH THE FABRICATOR'S RUST INHIBITIVE PRIMER, TNEMEC 10-99 OR EQUAL AND FIELD TOP COATED WITH TNEMEC SERIES 2 GLOSS ENAMEL OR EQUAL (COORDINATE TOP COAT WITH OWNER).
- METAL DECK**
- THE METAL ROOF AND FLOOR DECK SHALL BE FORMED OF STEEL SHEETS CONFORMING TO THE FOLLOWING STANDARDS:  
A. ROOF DECKING: ASTM A1008, GRADE C, D OR ASTM A653, STRUCTURAL QUALITY, GRADE 33 OR HIGHER  
B. FLOOR DECKING: AS NOTED ON THE DRAWINGS (OR EQUIVALENT).
  - WELD DECK WITH 5/8" Ø PUDDLE WELDS IN A 3&7 PATTERN. PROVIDE (4) #10 TEJ SIDELAP SCREWS PER SPAN
  - ← INDICATES 1.5 B16 PAINTED METAL DECK (4 SPAN CONDITION)



Agent	
Handled For	
Date	
Rev No	

**N8 BUILDING - EXTERIOR CANOPY**  
**HP HOOD INC., PORTLAND, ME**

**PLAN & DETAILS**

Designed <b>ARW</b>	Scale <b>AS NOTED</b>
Drawn <b>ARW</b>	Date <b>7/02/13</b>
Checked <b>DSB</b>	Becker Job Number <b>3099</b>

**S1.0**

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