

**LEGEND**

CTWFX CUSTOM TAPERED WIDE FLANGE TYPE DESIGNATION. SEE DETAILS ON SHEET S3.1

+X" INDICATES RESIDUAL CAMBER REQUIRED. SEE NOTE 5

BPX BEARING PLATE TYPE DESIGNATION. SEE DETAILS ON SHEET S1.0

INDICATES MOMENT CONNECTION

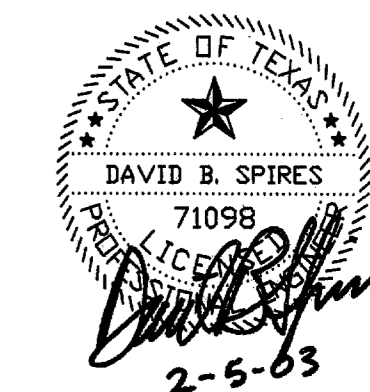
**01 ROOF FRAMING PLAN**

SCALE: 3/16" = 1'-0"



**PLAN NOTES:**

- SEE DRAWING S1.0 FOR GENERAL NOTES.
- SEE DRAWING S3.1 FOR TYPICAL DETAILS.
- TOP OF STEEL / BOTTOM OF DECK ELEVATION = 639.89 (12'-1 5/8" AFF) UNO
- DECKING SHALL BE 4" NOMINAL (2 7/8" MIN ACTUAL) GLULAM TONGUE & GROOVE, WIDTH AS SPECIFIED BY ARCHITECT, SOUTHERN PINE, F<sub>b</sub> = 2500 PSI MIN, E = 1,800,000 PSI MIN. SUPPLY AND PLACE IN RANDOM LENGTH CONTINUOUS FASHION, WITH NO SINGLE SPANS. EACH PIECE SHALL BEAR ON AT LEAST ONE SUPPORT MEMBER. END JOINTS SHALL BE STAGGERED AT LEAST 24 INCHES. SEE DETAILS FOR ATTACHMENT TO SUPPORT MEMBERS. PROVIDE CONCEALED SLANT NAIL THROUGH ALL ADJACENT PIECES, AT 30 INCHES ON CENTER MAX (STAGGERED 15 INCHES AT EVERY OTHER COURSE), AND WITHIN 12 INCHES EACH SIDE OF EACH END JOINT, WITH MIN 10D HOT-DIP GALVANIZED RING SHANK NAILS. INSTALL AT MAX 19% MOISTURE CONTENT.
- BUILT-IN CAMBER AND OTHER ADJUSTMENTS TO NOMINAL DIMENSIONS FOR DEFLECTION CONTROL SHALL BE THE RESIDUAL ADJUSTMENT, AS MEASURED IN THE FIELD AFTER ERECTION. RESIDUAL ADJUSTMENTS MUST EQUAL OR EXCEED THE SPECIFIED AMOUNTS. NO DOWNWARD TOLERANCE IS ACCEPTABLE. USE OF EITHER FABRICATION ADJUSTMENTS OR POST-FABRICATION CAMBER IS CONTRACTOR'S OPTION.
- BEARING PLATE INSTALLED BY CMU INSTALLER, PER DETAILS, DRAWING S1.0. OWNERS TESTING LAB TO CONFIRM CORRECT INSTALLATION FOR EACH PLATE AND REPORT TO OWNER.
- FILL ALL DISCONTINUITIES WITH PERMANENT WELD METAL, SUFFICIENT TO CREATE APPEARANCE OF CONTINUOUS, UNSPLICED MEMBER, AND GRIND SMOOTH.
- WBx18 AT TYP. TOS/BOB EL. FOR MEP AND TOILET PARTITION SUPPORT. ATTACH CFMS AND HANGERS TO THIS FRAMING ONLY, FOR GRAVITY LOADS- ATTACH BRACING LOADS TO DECK. SUBMIT CFMS DESIGN FOR REVIEW.
- L4x4x1/4 ANGLES AS REQUIRED FOR MEP AND TOILET PARTITION SUPPORT. SEE ALSO NOTE 8, FOR BIDDING, ASSUME 18 SUCH ANGLES. AT CMU END, PROVIDE 12" LONG ANGLE CLIP AND TWO CMU ANCHORS PER 06/S1.0
- PROVIDE LINTEL PER 04/S1.0 ABOVE LOUVER OPENING, 32" LONGER THAN WIDTH. PROVIDE SIMILAR BOND BEAM AT SILL, AND GROUTED VERTICAL CELLS EACH SIDE PER GENERAL NOTES.



date 12/24/02  
1/23/03  
1/31/03  
2/06/03

issue 95% CD  
100% CD  
ADDM 1  
ADDM 2

**S2.1**

ROOF FRAMING PLAN