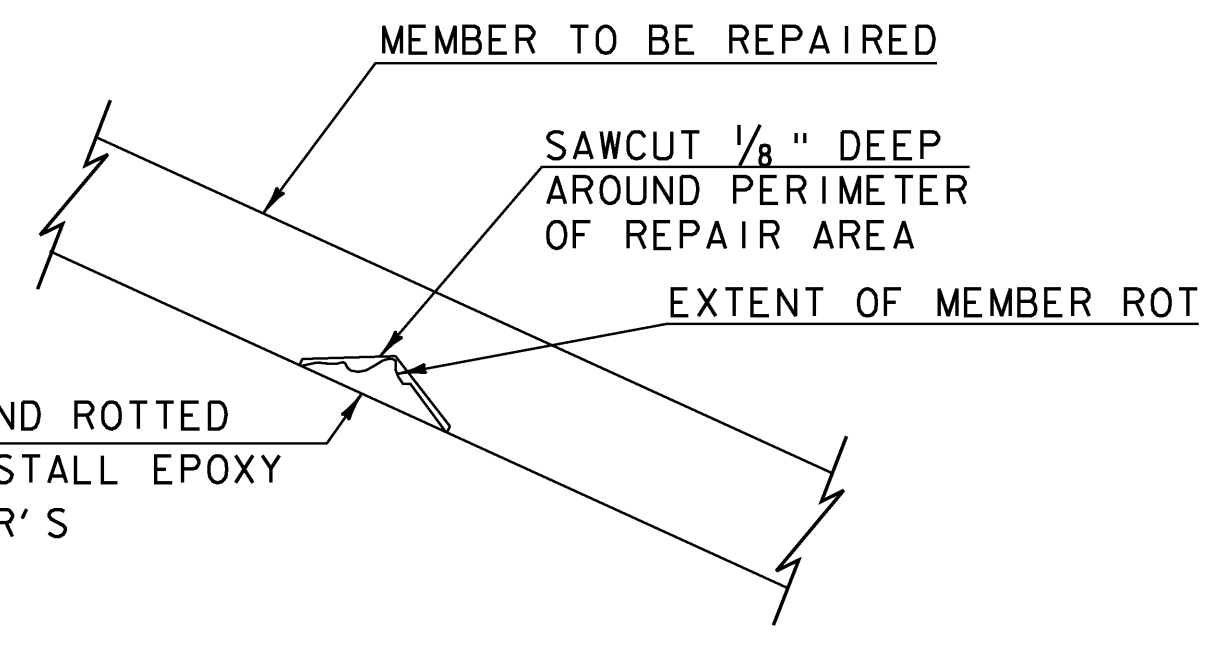


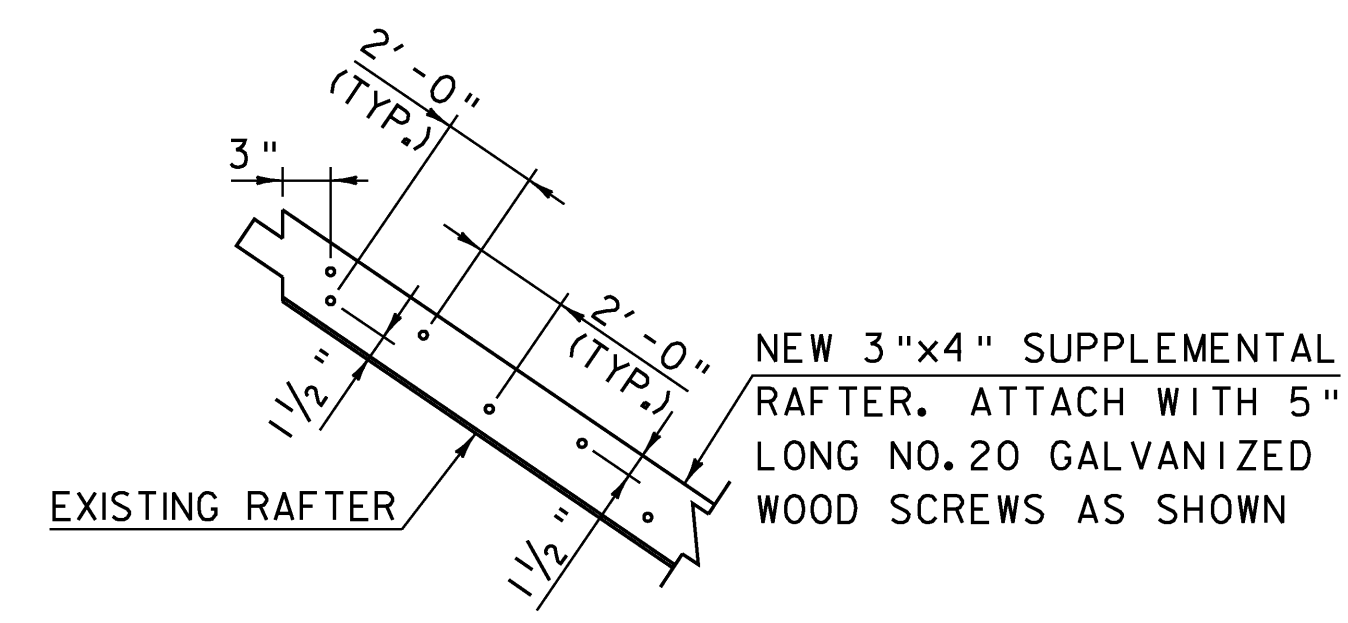
**ROOF FRAMING PLAN**

SCALE: 1/4" = 1'-0"

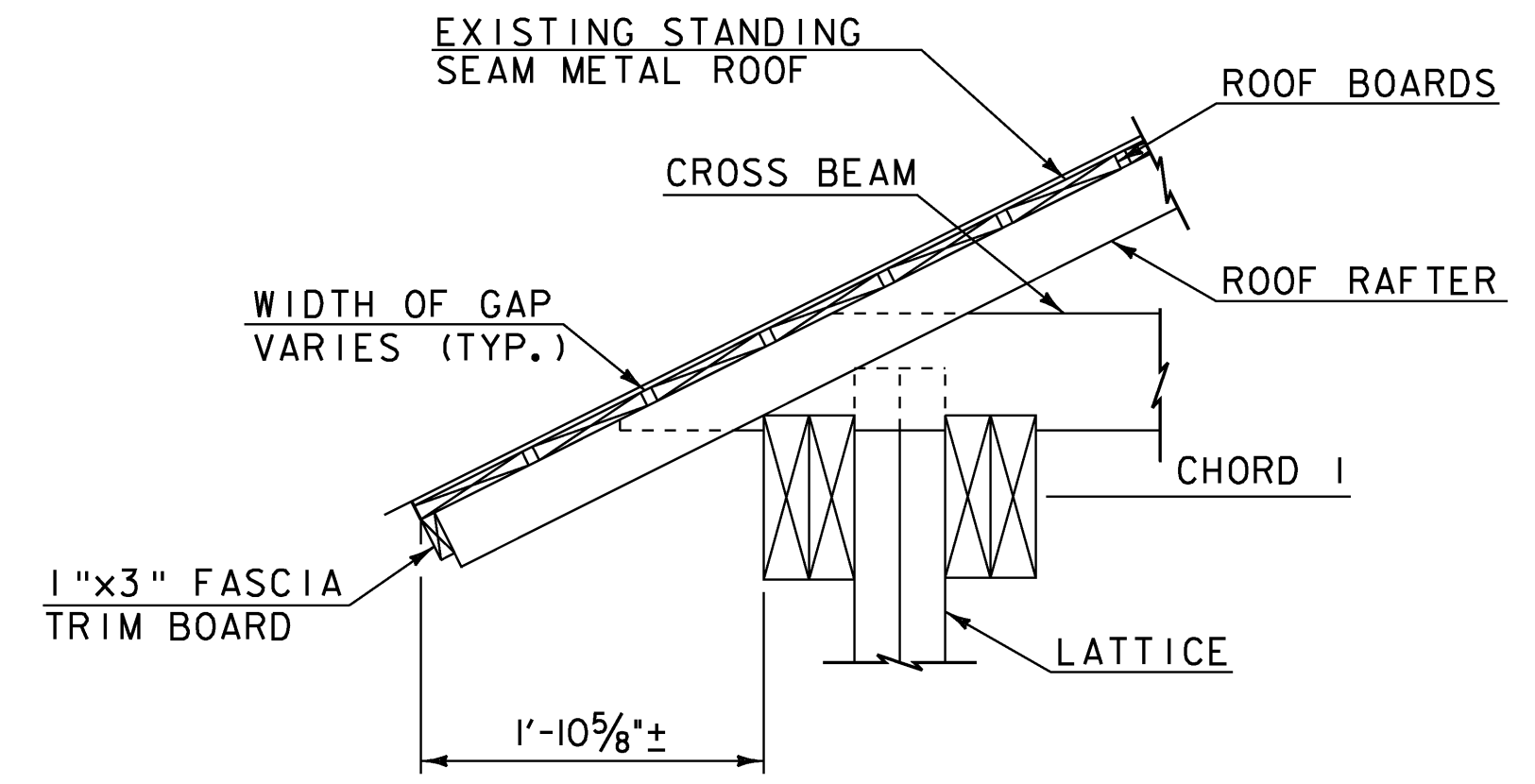
NOTE: ROOF BOARDS, METAL ROOF AND UPPER LATERAL BRACING NOT SHOWN FOR CLARITY.



**EPOXY REPAIR DETAIL**  
NOT TO SCALE



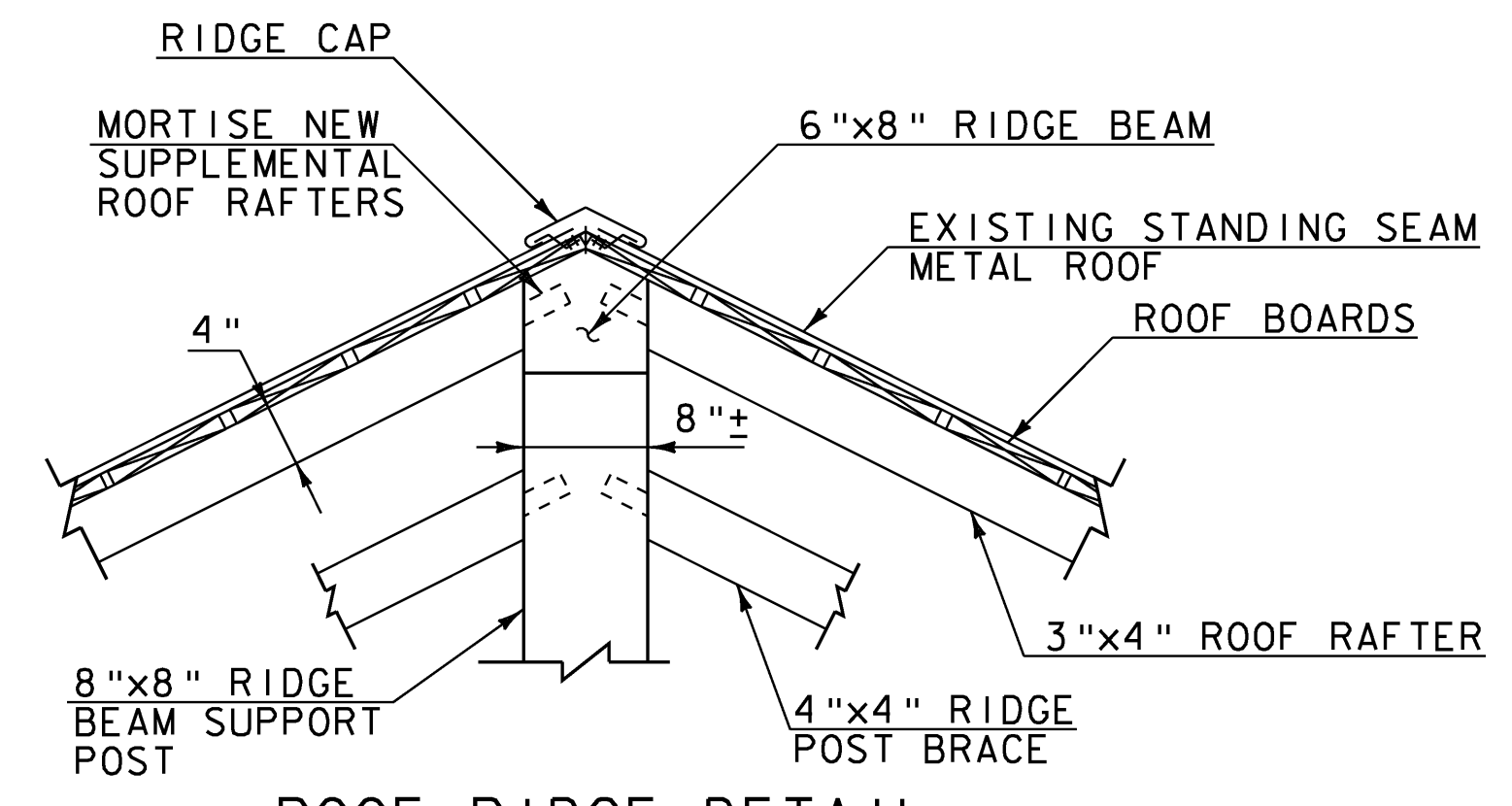
**SUPPLEMENTAL RAFTER DETAIL**  
NOT TO SCALE



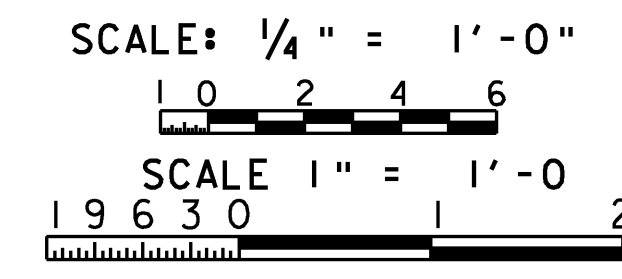
**ROOF RAFTER DETAIL**  
SCALE: 1" = 1'-0"

**RECOMMENDED REPAIR SEQUENCE:**

- R-1. IDENTIFIED ROTTED MATERIAL IN LUMBER AND TIMBER MEMBERS, IF LESS THAN 1 INCH IN DEPTH, SHALL BE REPAIRED AS SHOWN ABOVE ON THE "EPOXY REPAIR DETAIL". IF ROT IS GREATER THAN 1 INCH IN DEPTH, THE ENTIRE MEMBER SHALL BE REPLACED AS DIRECTED BY THE RESIDENT ENGINEER.
- R-2. REMOVE ALL ROTTED MATERIAL TO A MINIMUM OF 1/4" BEYOND EXTENT OF ROT. SAWCUT 1/8" DEEP AROUND PERIMETER OF REPAIR AREA.
- R-3. CLEAN EXISTING MEMBER OF ALL DIRT, SAWDUST, ETC. AND PREPARE SURFACE PER MANUFACTURER'S RECOMMENDATIONS.
- R-4. INSTALL/INJECT APPROVED EPOXY REPAIR MATERIAL PER MANUFACTURER'S RECOMMENDATIONS, (PAID UNDER ITEM 900.620, SPECIAL PROVISION (WOOD EPOXY REPAIRS)). COLOR OF REPAIR MATERIAL TO MATCH EXISTING WOOD. A COMPLETED TEST SECTION SHALL BE MADE FOR APPROVAL BY THE RESIDENT ENGINEER.
- R-5. INSTALL TWO GALVANIZED LAG SCREWS INTO EXISTING SPLIT THROUGH REPAIR MATERIAL (IF REQUIRED). SIZE OF LAG SCREWS TO BE DETERMINED BY THE RESIDENT ENGINEER.
- R-6. SEE NOTES W-4 AND W-5 ON SHEET 27 AND PLAN NOTE 4 ON SHEET 42 FOR ALL WORK TO BE PAID FOR UNDER ITEM 900.620, SPECIAL PROVISION (WOOD EPOXY REPAIRS).



**ROOF RIDGE DETAIL**  
SCALE 1" = 1'-0"



**LEGEND:**

- ① TRUSS NODE LOCATION
- ▨ NEW SUPPLEMENTAL MEMBER. ADDITIONAL MEMBERS MAY BE REQUIRED TO BE SISTERED OR REPLACED. SEE NOTE W-8 ON SHEET 27.
- \* APPROX. LOCATION OF CROSS BEAM (NOT SHOWN FOR CLARITY)

MODEL	Default
HTA PROJECT NO.	904214

PROJECT NAME:	MONTGOMERY	FILE NAME:	Z96J302sup6.dgn	PLOT DATE:	8/1/2008
PROJECT NUMBER:	BHO 1448(23)	PROJECT LEADER:	J.H.WEAVER	DRAWN BY:	J.B.McQUAID
		DESIGNED BY:	J.BICJA	CHECKED BY:	S.T.JAMES
		<b>ROOF FRAMING PLAN</b>			SHEET 39 OF 54

Hoyle, Tanner & Associates, Inc.