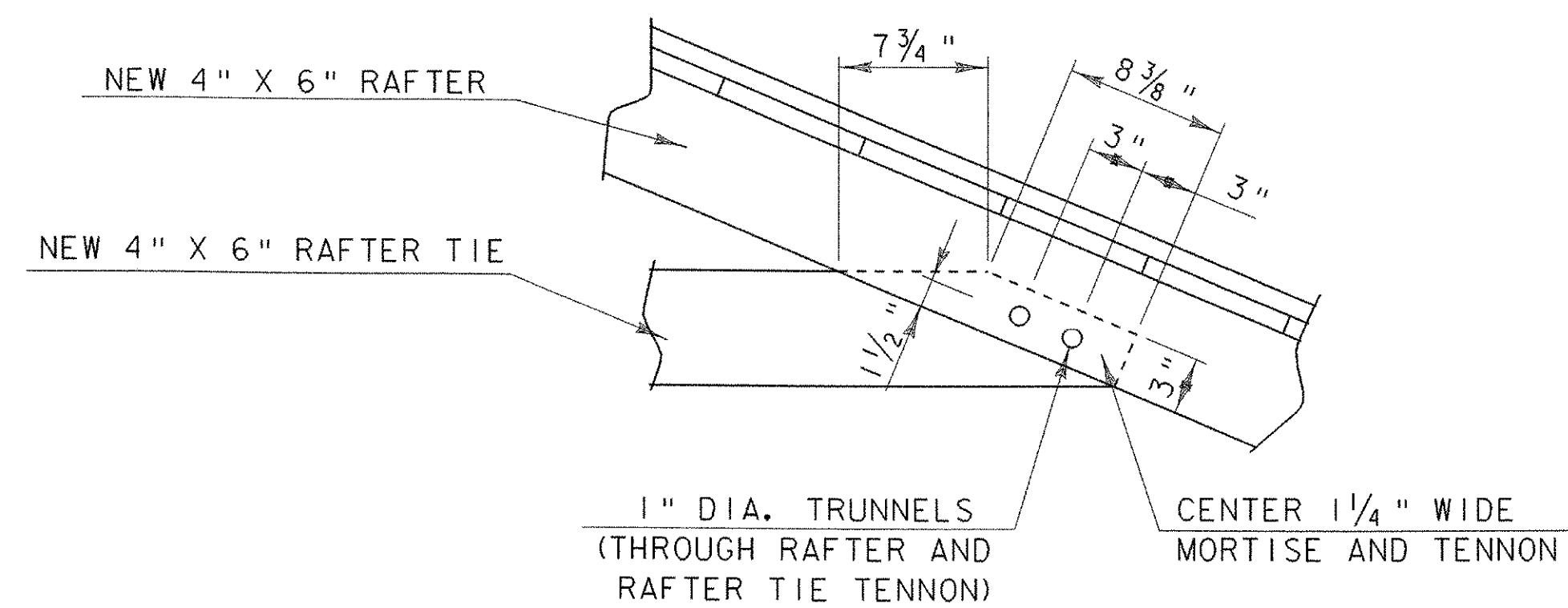


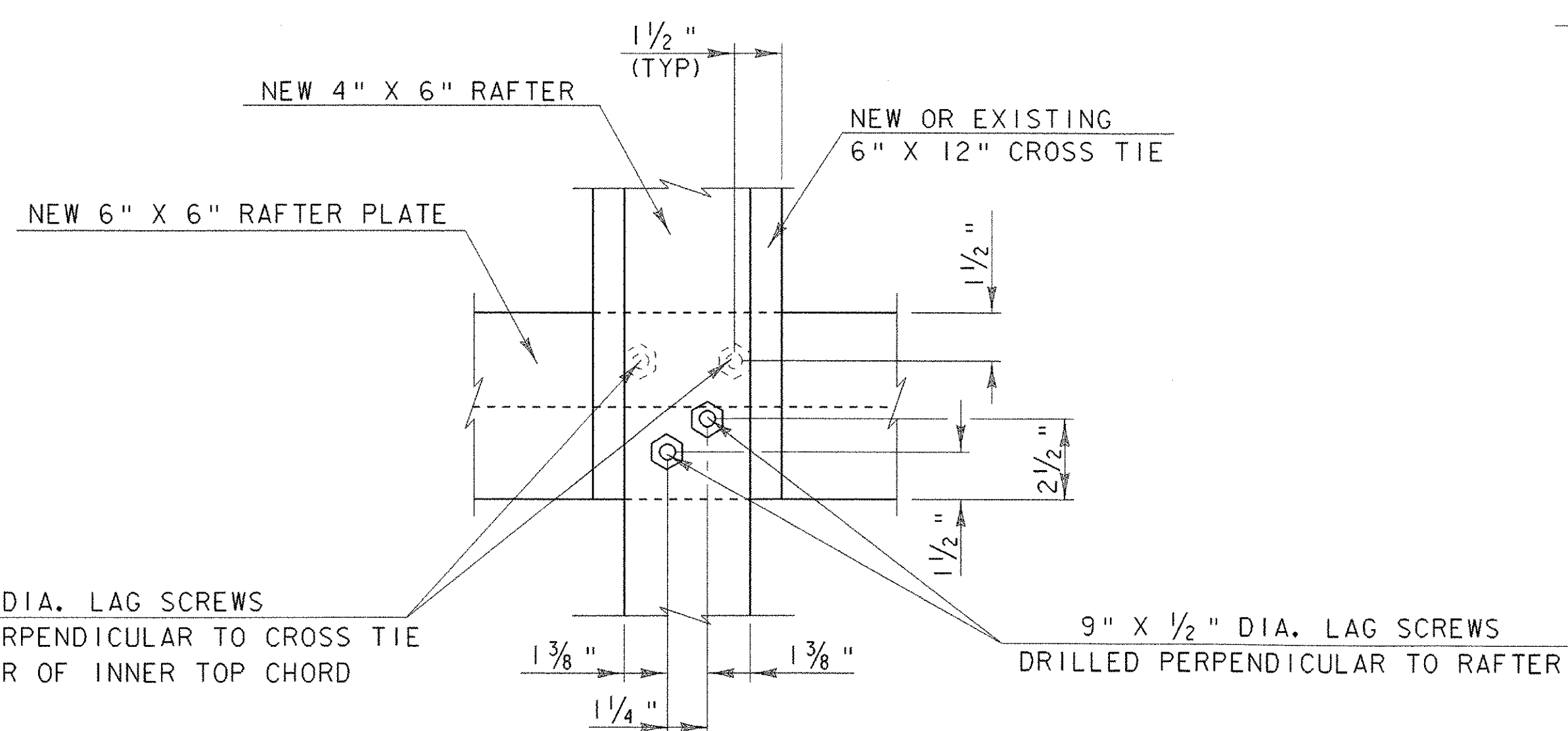
**DETAIL D**

SCALE 1/2" = 1'-0"



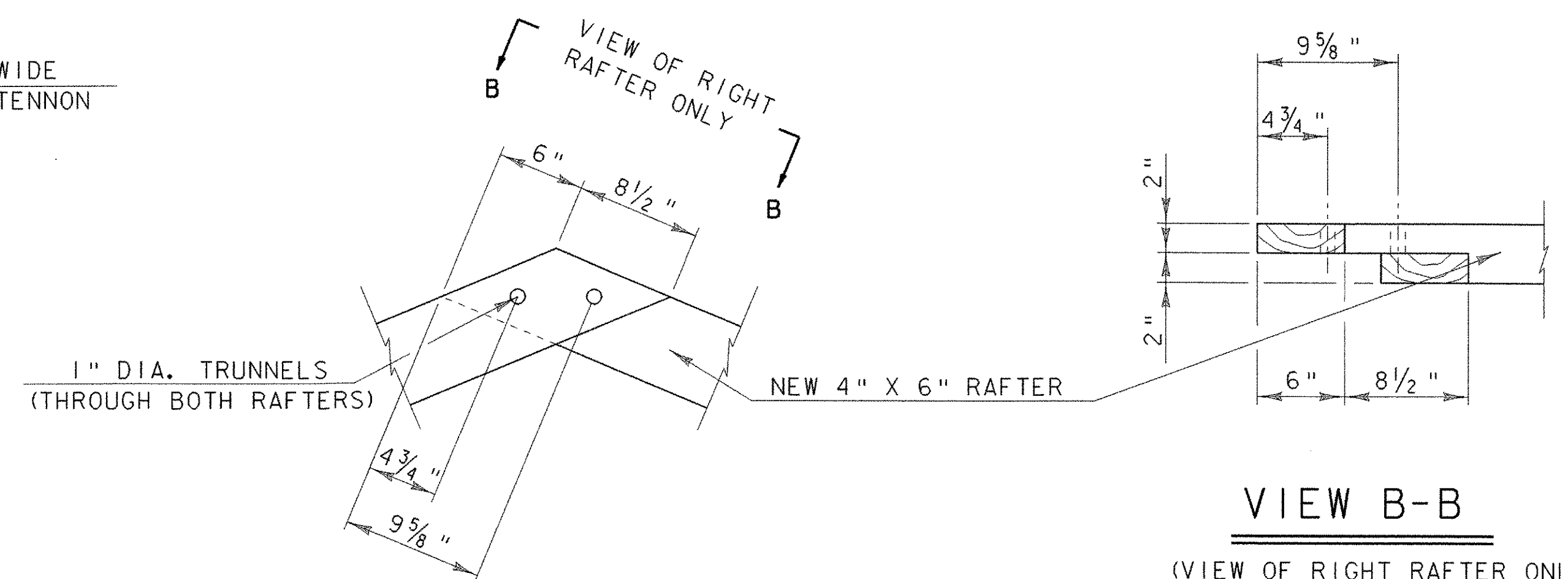
**DETAIL F**

(MORTISE AND TENNON JOINT)  
SCALE 1/2" = 1'-0"



**VIEW A-A**

SCALE 3" = 1'-0"



**DETAIL E**

(HALF LAP JOINT AT RAFTER PEAK)  
SCALE 1/2" = 1'-0"

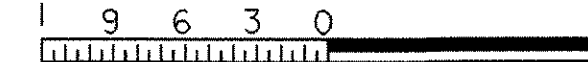
**VIEW B-B**

(VIEW OF RIGHT RAFTER ONLY  
LEFT RAFTER SIMILAR BUT  
OPPOSITE HAND)  
SCALE 1/2" = 1'-0"

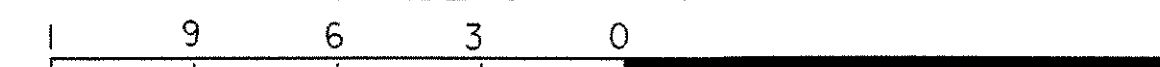
**NOTES**

1. REPLACE CROSS TIES AT LOCATIONS 3,6,8,11, AND 16. ANY ADDITIONAL CROSS TIES THAT APPEAR TO HAVE CONDITION PROBLEMS SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT ENGINEER. THE RESIDENT ENGINEER IN CONSULTATION WITH THE PROJECT MANAGER SHALL MAKE THE DETERMINATION ABOUT WHETHER THE ADDITIONAL CROSS TIES SHALL BE REPLACED. FOR ESTIMATION PURPOSES, THREE ADDITIONAL CROSS TIES HAVE BEEN INCLUDED IN THE ITEM 522.20 "STRUCTURAL LUMBER AND TIMBER - UNTREATED".
2. INDIVIDUAL X-BRACING MEMBERS SHALL BE RETAINED WHERE THEY ARE IN GOOD CONDITION WITH TIGHT JOINTING. DAMAGED X-BRACING MAY BE REPLACED AS ORDERED BY THE RESIDENT ENGINEER. FOR ESTIMATION PURPOSES, TEN NEW X-BRACING MEMBERS HAVE BEEN INCLUDED IN THE ITEM 522.20 "STRUCTURAL LUMBER AND TIMBER - UNTREATED"
3. STRUCTURAL ROOF SYSTEM MEMBERS SHALL BE FULL SIZE, ROUGH SAWN SPRUCE, NO. 1 GRADE. THE ROOF SYSTEM LUMBER SHALL NOT BE PRESSURE TREATED. THE ROOF SYSTEM SHALL BE PAID UNDER THE ITEM 522.20 "STRUCTURAL LUMBER AND TIMBER - UNTREATED".
4. THE ROOF SHEATHING SHALL BE 1" THICK, ROUGH SAWN SPUCE, NO. 1 GRADE, OR HEMLOCK, NO. 1 GRADE. THE ROOF SHEATHING SHALL BE PAID UNDER THE ITEM 522.30 "NON-STRUCTURAL LUMBER - UNTREATED."
5. REMOVE ALL EXISTING STEEL ANGLES
6. THE NOTCHES, MORTICES, AND TENNONS IN THE ROOF SYSTEM SHALL BE CUT TO PROVIDE TIGHT JOINTING. ANY DEVIATION FROM THE EXISTING JOINTING TECHNIQUES SHALL BE APPROVED BY THE RESIDENT ENGINEER.

SCALE 1/2" = 1'-0"



SCALE 3" = 1'-0"



PROJECT: PROCTOR - PITTSFORD	PROJECT NO.: BHO 1443 (37)
DESIGN FILE NAME: 96j242\structures\s\j242eroof.dgn	
IPARM FILE NAME: sj242erfdet.i	PLOT DATE: 10-JAN-2003
DESIGNED BY: W.B. SYMONDS	DRAWN BY: R.S. YOUNG
SQUAD LEADER: C.P. WILLIAMS	CHECKED BY: W.B. SYMONDS
ROOF SYSTEM DETAILS	SHEET: 27 OF 60