

GENERAL NOTES

48. FULL SAWN STRUCTURAL LUMBER AND TIMBER SHALL INCLUDE THE FOLLOWING MEMBERS:
- A. STRUCTURAL UNTREATED, ITEM 522.20
 - REPLACEMENT AND ADDITIONAL DIAGONALS (EASTERN SPRUCE, STRUCTURAL GRADE)
 - REPLACEMENT CHORD AND ARCH MEMBERS (EASTERN SPRUCE, STRUCTURAL GRADE)
 - REPLACEMENT AND ADDITIONAL VERTICALS (EASTERN SPRUCE, STRUCTURAL GRADE)
 - NEW WEARING FLANKS (WHITE OAK, NO. 1 GRADE)
 - REPLACEMENT TRUNNELS, AS REQUIRED (WHITE OAK, NO. 2 GRADE)
 - B. STRUCTURAL TREATED, ITEM 522.25.
 - NEW BLOCKING, BEARING BLOCKS (SOUTHERN YELLOW PINE, STRUCTURAL GRADE)
 - NEW CURBS (SOUTHERN YELLOW PINE, NO. 1 GRADE)
 - NEW SPACER STRIP (SOUTHERN YELLOW PINE, NO. 1 GRADE)
 - GLUED LAMINATED TIMBER DECK (20F-V5)
49. FULL SAWN NON-STRUCTURAL LUMBER SHALL INCLUDE THE FOLLOWING MEMBERS:
- NON-STRUCTURAL LUMBER UNTREATED, ITEM 522.30
 - NEW SIDING (HEMLOCK, NO. 1 GRADE)
 - NEW NAILING STRIPS 2" X 3" (HEMLOCK, NO. 1 GRADE)
50. THE BOLTS CONNECTING THE DECK TO THE BEAMS SHALL BE RECESSED INTO THE DECK AND AND PLUGGED AND SEALED USING ITEM 524.12.
51. THE EXISTING COVERED BRIDGE TRUSSES ARE NOT PERFECTLY SYMMETRICAL AND THE BEAM SPACING MAY VARY SLIGHTLY. TO HELP FACILITATE CONNECTING THE GLUED LAMINATED DECK PANELS TO THE BEAMS, THE LEAD HOLES FOR THE BOLTS WILL BE DRILLED IN THE FIELD.
52. LEAD HOLES FOR THE LAG SCREWS WILL BE DOUBLE DRILLED. THE DIAMETER OF THE LEAD HOLE FOR THE THREADED PORTION OF THE LAG SCREW WILL BE 1/4 INCHES FOR THE 1/2 INCH DIAMETER LAG SCREW AND 7/16 INCHES FOR THE 3/4 INCH LAG SCREW. THE LEAD HOLE FOR THE UNTHREADED SHANK MUST BE THE SAME DIAMETER AND EXTEND TO THE SAME DEPTH AS THE UNTHREADED PORTION.
53. TRUNNELS IN EXISTING MEMBERS SHALL BE RETAINED EXCEPT WHERE THE RESIDENT ENGINEER DEEMS IT NECESSARY TO REPLACE THEM. NEW TRUNNELS WILL BE THE SAME SIZE AS THE ONE BEING REPLACED.

Revised Oct. 24, 2006

PROJECT NAME:	THETFORD BHO 1444 (43)		
PROJECT NUMBER:	03J036		
FILE NAME:	03J036/STR/S03J036	PLOT DATE:	10/24/2006
PROJECT LEADER:	M. EVANS-MONGEON	DRAWN BY:	G. ROKES
DESIGNED BY:	M. EVANS-MONGEON	CHECKED BY:	S. SCRIBNER
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