ROUGH CARPENTRY

- ALL WOOD FRAMING SHALL COMPLY WITH THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS).
 ALL WOOD FRAMING MEMBERS ARE DESIGNED TO ACT AS A SYSTEM ONCE CONSTRUCTION IS COMPLETE. IT IS THE RESPONSBILLITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILLITY OF WOOD FRAMING SYSTEMS (I.E. TEMPORARY BRACING) DURING CONSTRUCTION AS A RESULT OF CONSTRUCTION METHODS AND SEQUENCES. WOOD FRAMING MATERIALS:

 a. DIMENSIONAL LUMBER SHALL BE #2 SOUTHERN YELLOW PINE.

- TEMPORARY BRACHIST DURING CONSTRUCTION AS A RESULT OF CONSTRUCTION METHODS AND SEQUENCES.

 WOOD FRAMING MATERIALS:

 a. DIMENSIONAL LUMBER SHALL BE IZ SOUTHERN YELLOW PINE.

 b. LAMINATED VERMER LUMBER (LIM) SHALL BE MOROLLAMILY, GRADE 2.0E MANUFACTURED BY WEYERHAEUSER TRUS. JOIST.

 c. PARALLEL STRAND LUMBER (PS.) SHALL BE PARALLAM PSL MANUFACTURERED BY WEYERHAEUSER TRUS. JOIST WITH THE FOLLOWING GRADES.

 HEADER AND BEAM SIZES = 2.0E GRADE.

 d. LAMINATED STRAND LUMBER (LS.) SHALL BE TIMBERSTRAND LSL MANUFACTURERED BY WEYERHAEUSER TRUS. JOIST WITH THE FOLLOWING GRADES.

 HEADER AND BEAM SIZES = 1.5E GRADE.

 c. COLUMN AND POST SIZES = 1.5E GRADE.

 COLUMN AND POST SIZES = 1.5E GRADE.

 WOOD JOISTS SHALL BE TIJ JOISTS MANUFACTURED BY WEYERHAEUSER TRUS JOIST.

 ALL WOOD FRAMING MATERIAL SHALL BE SURFACED DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT.

 ALL LUMBER EXPOSED TO EXTERIOR ENVIRONMENT OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.6 bits. OF ACO PER CUBIC FOOT OF WOOD, AND EACH PIECE MAY AND EACH PRESSURE TREATED TO A MINIMUM RETENTION OF 0.6 bits. OF ACO PER CUBIC FOOT OF WOOD, AND SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.7E SIDE OF TREATMENT OF THE PRESSURE TREATMENT OF THIS PRESSURE TREATMENT OF THIS PRODUCTS.

 WHERE POSSIBLE ALL CUTS AND HOLES SHOULD BE COMPLETED BEFORE TREATMENT. CUTS AND HOLES DUE TO ON SITE FABRICATION SHALL BE BRUSHED WITH OF SECURITION OF A GRADE SHALL BEAT THE THIRD PARTY OUGLITY PER AMYPS TO MAINTHINM OF SHALL BE LUMITED TO (OF PER TREATMENT OF THE BEFORE TREATMENT. CUTS AND HOLES SHOULD BE COMPLETED BEF

	SCREW YIELD STRENGTH			
	SCREW DIAMETER	SCREW TYPE	YIELD STRENGTH	
	#6 (0.138 IN.)	WOOD SCREW	100 KSI	
[#7 (0.151 IN.)	WOOD SCREW	90 KSI	
	#8 (0.164 IN.)	WOOD SCREW	90 KSI	
[#9 (0.177 IN.)	WOOD SCREW	90 KSI	
	#10 (0.190 IN.)	WOOD SCREW	80 KSI	
	#12 (0.216 IN.)	WOOD SCREW	80 KSI	
[#14 (0.246 IN.)	WOOD SCREW	70 KSI	
	¼ IN.	LAG SCREW	70 KSI	
	% ₆ IN.	LAG SCREW	60 KSI	
Ī	¾ IN. AND GREATER	LAG SCREW	45 KSI	

- BOLT HOLES SHALL BE CAREFULLY CENTERED AND DRILLED NOT MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER. BOLTED CONNECTIONS SHALL BE SNUG TIGHT BUT NOT TO THE EXTENT OF CRUSHING WOOD UNI WASHERS. LAG SCREWS SHALL BE BORED PER NDS 11.1.3.

- LAG SCREWS SHALL BE BORED PER NDS 11.13.
 ALI PLATES, ANCHORS, NALIS, BOLTS, NUTS, WASHERS, AND OTHER MISCELLANEOUS HARDWARE SHALL BE HOT DIP GALVANIZED IN PRESERVATIVE-TREATED AND FIRE-RETARDANT-TREATED WOODS.
 ALI NALIS FOR STRUCTURAL WORK SHALL BE COMMON WIRE NALIS UNLESS NOTED OR DETAILED OTHERWISE MEETING ASTM F1667. NOLES SHALL BE PRE-DRILLED WHERE NECESSARY TO PREVENT SPLITTING. NAILS SHALL HAVE THE MINIMUM PROPERTIES SPECIFIED IN THE TABLE BELOW.

NAIL SIZE YIELD STRENGT 6d (0.133 IN. x 2 IN.) 100 KSI 8d (0.131 IN. x 2½ IN.) 90 KSI	IL YIELD STRENGTH	
<u>'</u>	AIL SIZE YIELD STRENGT	NAIL SIZE
8d (0.131 IN. x 2½ IN.) 90 KSI	33 IN. x 2 IN.) 100 KSI	6d (0.133 IN. x 2 IN.)
	31 IN. x 2½ IN.) 90 KSI	8d (0.131 IN. x 2½ IN.)
10d (0.148 IN. x 3 IN.) 90 KSI	148 IN. x 3 IN.) 90 KSI	10d (0.148 IN. x 3 IN.)
12d (0.148 IN. x 3¼ IN.) 90 KSI	48 IN. x 3¼ IN.) 90 KSI	12d (0.148 IN. x 3¼ IN.
16d (0.162 IN. x 3½ IN.) 80 KSI	62 IN. x 3½ IN.) 80 KSI	16d (0.162 IN. x 3½ IN.
20d (0.192 IN. x 4 IN.) 80 KSI	192 IN. x 4 IN.) 80 KSI	20d (0.192 IN. x 4 IN.)

- 20d (0.192 IN. x 4 IN.)

 80 RSI

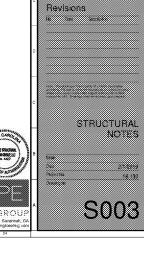
 PROVIDE DOUBLE JOISTS OR SOULD BLOCKING AT 24" OC, UNDER ALL PARTITIONS AND TO SUPPORT CONCENTRATED LOADS FROM FRAMING ADDRIVE UNLESS NOTED OTHERWISE.

 OUTTING AND NOTCHING OF SAWN LUMBER JOISTS, SAWN LUMBER RAFTERS AND STUDS SHALL BE IN CONFORMANCE WITH THE FOLLOWING CRITERIA:

 a. JOISTS NOTCHES AT THE ENDS OF JOISTS SHALL NOT EXCEED 19TH THE JOIST DEPTH. HOLES DEADLING THE JOIST SHALL NOT BE WITHIN 21 NOTES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED 14TH THE DEPTH OF BITH JOIST. THE SITE OF THE STOP OR BOTTOM OF THE JOIST SHALL NOTE EXCEED 16TH THE DEPTH AND THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED 16TH THE DEPTH AND THE JOIST SHALL NOTE EXCEED 16TH THE DEPTH AND THE JOIST SHALL NOTE EXCEED 16TH THE DEPTH AND THE JOIST SHALL NOTE SHALL DO SHALL DO







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