

WOOD NOTES:

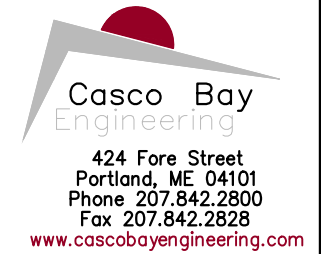
- ALL TIMBER FRAMING SHALL BE IN ACCORDANCE WITH IBC 2009 REFERENCED EDITIONS OF THE AITC TIMBER CONSTRUCTION MANUAL AND AF&PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS).
- ALL FRAMING SHALL BE SPRUCE-PINE-FIR, No.2 OR BETTER U.N.O. AND HAVE A MAXIMUM MOISTURE CONTENT OF 19%.
- ALL WOOD IN CONTACT WITH MASONRY OR CONCRETE OR EXPOSED TO WEATHER SHALL BE PRESSURE TREATED (PT) SOUTHERN YELLOW PINE.
- WHERE "LVL" IS NOTED ON DRAWINGS, PROVIDE LAMINATED VENEER LUMBER, WHICH HAS THE FOLLOWING MINIMUM ALLOWABLE STRESSES:

F _b = 2600 PSI	F _c = 2510 PSI (PARALLEL TO GRAIN)
F _v = 285 PSI	F _c = 750 PSI (PERPENDICULAR TO GRAIN)
F _t = 1555 PSI	E = 2,000,000 PSI
- WHERE "PSL" IS NOTED ON DRAWINGS, PROVIDE PARALLAM STRAND LUMBER, WHICH HAS THE FOLLOWING MINIMUM ALLOWABLE STRESSES:

F _b = 2900 PSI	F _c = 2900 PSI (PARALLEL TO GRAIN)
F _v = 290 PSI	F _c = 750 PSI (PERPENDICULAR TO GRAIN)
F _t = 2025 PSI	E = 2,000,000 PSI
- ALL ENGINEERED LUMBER THAT IS EXPOSED TO WEATHER SHALL BE WOLMANIZED.
- ALL FLOOR SHEATHING SHALL BE 3/4" TONGUE AND GROOVE, GLUED AND NAILED TO FLOOR FRAMING WITH 8d RINK SHANK NAILS AT 6" o.c. AT SUPPORTED PANEL EDGES, 12" o.c. AT INTERMEDIATE SUPPORTS UNLESS NOTED OTHERWISE ON DRAWINGS.
- ALL ROOF SHEATHING (5/8") AND WALL SHEATHING (1/2") SHALL BE APA PERFORMANCE-RATED. ATTACH TO SUPPORTED PANEL EDGES WITH 8d NAILS AT 6" o.c. AND AT INTERMEDIATE SUPPORTS WITH 8d NAILS AT 12" o.c. U.N.O. SEE DRAWINGS FOR MORE STRINGENT NAILING REQUIREMENTS AT WOOD SHEAR WALLS.
- SHEATHING SHALL BE ORIENTED WITH LONG DIMENSION PERPENDICULAR TO THE SUPPORTS AND BE CONTINUOUS OVER TWO OR MORE SUPPORTS. STAGGER ALL JOINTS & PROVIDE ADEQUATE JOINT SPACING (1/8" TYP) AS RECOMMENDED BY MANUFACTURER.
- PROVIDE FULL DEPTH BLOCKING AT ENDS AND INTERIOR SUPPORTS OF ALL JOISTS AND RAFTERS WHERE JOISTS AND RAFTERS FRAME OVER SUPPORTS. PROVIDE 1x3 DIAGONAL BRIDGING OR FULL DEPTH SOLID BLOCKING FOR EACH 8'-0" OF SPAN FOR ALL JOISTS AND RAFTERS.
- WHERE BEAMS ARE LABELED ON PLAN, DO NOT SPLICE BEAM NOR ANY PLY OF BEAM BETWEEN SUPPORTS.
- ALL CONNECTION HARDWARE SHALL BE BY SIMPSON STONG-TIE (OR APPROVED EQUIVALENT) AND SHALL BE HOT-DIPPED GALVANIZED. HARDWARE IN CONTACT WITH PRESSURE TREATED (PT) LUMBER SHALL BE GALVANIZED G185 (ZMAX). REFER TO MANUFACTURERS LITERATURE FOR PROPER INSTALLATION GUIDELINES.
- FASTENERS USED IN CONTACT WITH PRESSURE TREATED (PT) LUMBER SHALL BE HOT-DIPPED GALVANIZED, STAINLESS STEEL, OR OTHER FINISH APPROVED BY ENGINEER.
- ALIGN COLUMNS SUCH THAT COLUMNS BEAR CONTINUOUSLY TO FOUNDATION SUPPORT. INSTALL ADDITIONAL SOLID BLOCKING WITHIN FLOOR PACKAGE TO PROVIDE CONTINUITY OF LOAD PATH.
- PROVIDE HORIZONTAL BLOCKING FOR ALL LOAD BEARING WALLS AT 4'-0" O.C. VERTICAL, MAXIMUM.
- SUBMIT SHOP DRAWINGS FOR ALL PREFABRICATED WOOD JOISTS AND WALL PANELS TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.

MASONRY NOTES:

- ALL MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO IBC 2009 REFERENCED EDITIONS OF THE BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES (ACI 530 AND ACI 530.1)
- CONCRETE MASONRY UNITS (CMU) SHALL BE ASTM C90 GRADE N, TYPE 1 STANDARD WEIGHT WITH MINIMUM PRISM STRENGTH (f'm) = 1,500 PSI
- CMU SHALL BE STANDARD UNITS WITH NOMINAL FACE DIMENSIONS (LENGTH = 16 INCHES, HEIGHT = 8 INCHES, WIDTH AS INDICATED)
- MORTAR SHALL CONFORM TO ASTM C270, TYPE M OR S. PLACE MASONRY WHILE MORTAR IS SOFT AND PLASTIC. TYPE N MORTAR MAY BE USED FOR ABOVE GRADE MASONRY VENEER OR INTERIOR NON-LOAD BEARING APPLICATIONS.
- GROUT SHALL CONFORM WITH ASTM C476 WITH MINIMUM COMPRESSIVE STRENGTH = 3,000 PSI
- VERTICAL REINFORCEMENT, BOND BEAM REINFORCEMENT AND REINFORCEMENT IN LINTELS SHALL CONFORM TO ASTM A615, GRADE 60 DEFORMED BARS.
- STANDARD LAP LENGTH FOR GRADE 60 MASONRY REINFORCEMENT SHALL BE 48 BAR DIAMETERS OR AS SHOWN ON DRAWINGS, WHICHEVER IS GREATER. PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCEMENT.
- HORIZONTAL REINFORCEMENT SHALL BE LADDER TYPE, STANDARD CLASS, GALVANIZED WITH 9 GAGE SIDE RODS AND 9 GAGE CROSS TIES. BEGIN HORIZONTAL REINFORCEMENT AT TOP OF FIRST COURSE AND EVERY OTHER COURSE, U.N.O. LAP HORIZONTAL REINFORCEMENT 6 INCHES, MIN.
- ALL UNITS SHALL BE LAID IN RUNNING BOND, UNLESS NOTED OTHERWISE. PROVIDE FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACES. EXPOSED JOINTS SHALL BE TOOLED CONCAVE, UNEXPOSED JOINTS SHALL BE STRUCK FLUSH. PROVIDE CORNER BLOCKS AND END BLOCKS TO FINISH ALL 90 DEGREE CORNERS AND OPENINGS.
- PROVIDE VERTICAL CONTROL JOINTS IN WALLS AT A MAXIMUM SPACING OF 24'-0" AND AT APPROXIMATELY 1/2 WALL HEIGHT FROM WALL INTERSECTIONS.
- PROVIDE LINTELS AT WALL PENETRATIONS AS SHOWN ON DRAWINGS. USE LINTEL-TYPE BLOCKS AND PROVIDE MINIMUM 8" OF BEARING AT EACH END OF LINTEL U.N.O.
- FIELD PENETRATIONS THROUGH CMU WALLS SHALL NOT BE MADE THROUGH BOND BEAMS, LINTELS OR GROUTED CELLS.
- SECURE ALL CMU WALL SUPPORTED FIXTURES, EQUIPMENT, ETC. TO CMU WALL PER STRUCTURAL DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS. DO NOT USE EXPANSION ANCHORS.



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No.	DATE	DESCRIPTION

SHEET TITLE:
NOTES

DESIGNED: ED
 DRAWN: AR
 DATE: 7-14-16
 PROJECT No: 16-095

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