



FRAMING MATERIAL SPECIFICATIONS	
FLOOR SHEATHING:	3/4" T&G ADVANTAGE SHEATHING
WALL SHEATHING:	1/2" CDX EXT. PLYWOOD
ROOF SHEATHING:	5/8" CDX EXT. PLYWOOD
UNDERLAYMENT:	NOT APPLICABLE
MOISTURE BARRIER:	TYVEK HOUSEWRAP
VAPOR RETARDENT:	TU-TUFF
EXTERIOR SIDING:	VINYL
EXTERIOR TRIM:	#4 PINE WRAPPED IN ALUMINUM
SILLS:	2x6 PRESSURE TREATED
FLOOR JOIST:	K.D. SPRUCE
WALL STUDS:	K.D. SPRUCE
CEILING JOIST:	PRE-ENGINEERED TRUSSES
RAFTERS:	PRE-ENGINEERED TRUSSES
EAVE VENT:	2" WHT. ALUMINUM
DRIPEDGE:	9" GALV.
ROOFING SHINGLES:	30 YR. ARCH. SHINGLE AND METAL
RIDGE VENT:	ROLL VENT
1" AIR SPACE MAT.:	PROPERVENT

INSULATION SPECIFICATIONS	
FOUNDATION INSULATION:	2" STYROFOAM R-10
SILL SEALER:	PER AVAILABILITY
FLOOR BLOCKS & RUNNERS:	NOT APPLICABLE
1ST FLOOR INSULATION:	NOT APPLICABLE
EXTERIOR WALL INSULATION:	KRAFT FACED F.G. R-21
2ND FLOOR INSULATION:	NOT APPLICABLE
CEILING INSULATION:	12" FIBERGLASS R-38
SLOPED ROOF INSULATION:	NOT APPLICABLE
ALL BATH AND HALLS WALLS:	NOT APPLICABLE

WOOD TRUSS NOTES:

- DESIGN CODES:
 - NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION, 2005 ED.
 - DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES (ANSI/TPI-2007).
- DESIGN LOADS: SEE NOTES ON FRAMING PLAN FOR LOADS, OR COMPLY WITH IRC 2009.
- TRUSS MANUFACTURER:
 - DESIGN: COMPLY WITH TPI-2007
 - MATERIALS: USE SPF NO. 2 OR BETTER FOR ALL CHORDS, WEBS, AND BRACING. 15% MAX MOISTURE CONTENT.
 - TRUSS PLATES: G60 GALVANIZED
 - SHOP DRAWINGS: SUBMIT ELECTRONIC PDF FILES OF PE STAMPED TRUSS DESIGN CALCULATIONS AND ERECTION LAYOUT DRAWINGS TO STRUCTURAL ENGINEER PRIOR TO FABRICATION.
- PROVIDE TRUSS ANCHORS, HOLDDOWN CLIPS AND METAL FRAMING SUPPORTS NECESSARY TO SUPPORT THE REQUIRED LOADS, UNQ.
- TRUSS TEMPORARY BRACING: COMPLY WITH BUILDING COMPONENT SAFETY INFORMATION, BCSP 2009; GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES, SECTION B2. TRUSSES ARE NOT STABLE AND REQUIRE TEMPORARY SUPPORT UNTIL TOP CHORD SHEATHING AND PERMANENT BRACING ARE INSTALLED.
- DURING TRUSS ERECTION, THE BUILDER OR ERECTION CONTRACTOR MUST TAKE ADEQUATE PRECAUTIONS TO ASSURE THAT THE WOOD TRUSSES ARE NOT STRUCTURALLY DAMAGED. PROPER RIGGING, INCLUDING THE USE OF SPREADER BARS AND MULTIPLE PICK-UP POINTS, WHERE REQUIRED, IS NECESSARY TO PREVENT DAMAGE DURING HANDLING. TENTATIVE RECOMMENDATIONS IN THE APPENDIX HERETO.
- SECURE BRACING OF THE FIRST TRUSS AT THE END OF THE BUILDING IS IMPERATIVE. ALL OTHER TRUSSES ARE BRACED TO THE FIRST TRUSS. THIS BRACING SYSTEM DEPENDS TO A GREAT EXTENT ON THE BRACING OF THE FIRST TRUSS. A RECOMMENDED METHOD IS FOR THE FIRST TRUSS TOP CHORD TO BE BRACED TO A STAKE DRIVEN INTO THE GROUND AND SECURELY ANCHORED. THE GROUND BRACE ITSELF SHOULD BE SUPPORTED AS SHOWN IN FIGURE B2-3 OR IT IS APT TO BUCKLE. ADDITIONAL GROUND BRACES, IN THE OPPOSITE DIRECTION, INSIDE THE BUILDING ARE ALSO RECOMMENDED.
- TRUSS PERMANENT BRACING: INSTALL PERMANENT BRACING IN ACCORDANCE WITH THE MANUFACTURER REQUIREMENTS AND BCSP 2009 SECTION B3. PROVIDE CONSTRUCTION GRADE OR BETTER GRADE 2x4's, NO. 2 OR BETTER 2x6's FOR BRACING. CONNECT BRACING TO TRUSS WITH MIN. 2-16d NAILS. LAP SPLICE CONTINUOUS MEMBERS OVER AT LEAST 2 TRUSSES.

WOOD FRAMING NOTES:

- STRUCTURAL LUMBER: NO. 2 SPRUCE, PINE, FIR OR BETTER.
- DESIGN CODE: THE INTERNATIONAL BUILDING CODE (IBC) THE INTERNATIONAL RESIDENTIAL CODE (IRC)
- FASTENERS: COMPLY WITH RECOMMENDED FASTENING SCHEDULE OF THE BOCA BASIC BUILDING CODE LATEST EDITION, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- WALLING REQUIREMENTS FOR PLYWOOD FLOOR DECKS, ROOF DECK AND SHEATHING: PROVIDE 8d NAILS AS FOLLOWS, UNLESS SHOWN OTHERWISE.
 - 6" O.C.: ALONG ALL PANEL EDGES
 - 6" O.C.: ALONG INTERMEDIATE MEMBERS
- SPIKE TOGETHER ALL FRAMING MEMBERS WHICH ARE BUILT-UP WITH 16d NAILS @ 16" O.C., TOP AND BOTTOM
- PROVIDE GALVANIZED METAL JOIST HANGERS AT FLUSH FRAMED CONNECTIONS. IF SIZES ARE NOT SHOWN ON PLANS, PROVIDE HANGERS EQUAL TO SIMPSON U210 OR U210.
- PROVIDE 3" 2x10 HEADERS OVER ALL OPENINGS IN BEARING WALLS, UNLESS SHOWN OTHERWISE.
- PROVIDE DOUBLE TOP PLATE IN ALL EXTERIOR WALLS AND ALL BEARING WALLS. STAGGER TOP PLATE SPLICES IN EXTERIOR WALLS 4'-8" AND PROVIDE AT LEAST 8d-16d NAILS PER SPLICE.
- PROVIDE PRESSURE TREATED LUMBER FOR ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE.
- PROVIDE MINIMUM OF TWO 2x4 STUDS AT THE ENDS OF ALL BUILT-UP 2x BEAMS, UNLESS SHOWN OTHERWISE.
- ROOF AND WALL SHEATHING: APA RATED SHEATHING, EXTERIOR OR STRUCTURAL I OR II RATED SHEATHING, EXTERIOR.
 - ROOF: 5/8" THICK
 - WALLS: 1/2" THICK
- INSTALL SHEETS WITH FACE GRAIN DIRECTION PERPENDICULAR TO SUPPORTING MEMBERS.
- POSTS AT CORNERS OF EXTERIOR WALLS: PROVIDE 6x6 POST OR 3-2x6 MINIMUM.
- PROVIDE FULL DEPTH BLOCKING AT ENDS AND INTERIOR SUPPORTS OF ALL JOISTS AND RAFTERS WHERE JOISTS AND RAFTERS FRAME OVER SUPPORTS.
- PROVIDE STAINLESS STEEL NAILS TO ATTACH SIDING AND EXT. TRIM.
- MICRO-LAM BEAMS (LVLs): BLUE LAMINATED VENEER LUMBER OF DOUGLAS FIR AS MANUFACTURED BY TRUS-JOIST OF BOISE, IDAHO OR APPROVED EQUAL. F_v = 265 PSI, F_b = 2800 PSI, E = 2,000,000 PSI. ALL LVL HEADERS TO HAVE A MINIMUM OF DOUBLE 2x JACKS UNLESS NOTED OTHERWISE ON THE PLANS.
- BOLTS, NUTS & WASHERS: ASTM - A307, HOT DIPPED GALVANIZED CONFORMING TO ASTM - A153.
- NAILS: COMMON WIRE, EXCEPT BARBED NAILS AT PLYWOOD SHEATHING. PROVIDE GALVANIZED NAILS AT EXPOSED FRAMING.
- METAL CONNECTORS: APPROVED ITEMS OF PROPER TYPE & GAUGE AS REQUIRED ON DRAWINGS. NOT DIPPED GALVANIZED.
- ALL WOOD MEMBERS TO BE NAILED IN ACCORDANCE WITH BOCA CODE APPENDIX.
- PROVIDE SOLID BRIDGING, SIZED TO MATCH FLOOR JOIST, AT MID-SPAN IN ALL FLOOR SYSTEMS.
- LIVE LOADS FOR FLOOR JOIST SHALL BE PER THE BOCA BASIC BUILDING CODE LATEST EDITION.

GENERAL NOTES:

- ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER OR ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF THE NECESSARY SHORING, SHEATHING, TEMPORARY BRACING, GUYS OR TIEDOWNS.
- BUILDING TO MEET THE INTERNATIONAL CODE AND ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.
- THE INFORMATION CONTAINED ON THESE DRAWINGS IS PROVIDED TO ASSIST THE CONTRACTOR, AND IN NO WAY WARRANTS THAT THE ENTIRE STRUCTURE IS IN COMPLIANCE WITH THE APPLICABLE BUILDING CODES.
- ALL STRUCTURAL BEAMS AND ROOF SYSTEM ARE TO BE REVIEWED BY A MAINE LICENSED STRUCTURAL ENGINEER. ALL CHANGES TO BE MADE AS REQUIRED.

NOTICE:

THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. IF USED FOR CONSTRUCTION, THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR LOCAL CODE COMPLIANCE.

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OCPM, INC.

1062 OCEAN AVENUE
PORTLAND, MAINE

GARAGE REBUILD

BY: M. Meier	PROJECT # 13006
SCALE: 1/4" = 1'-0"	SHEET #
DATE: MAY 7, 2013	2 of 2