



GENERAL NOTES:

- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE 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 PERSONNEL DURING ERECTION. THIS INCLUDES THE ADDITION OF THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUY OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
- ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

WOOD FRAMING NOTES:

- STRUCTURAL LUMBER: No. 2 SPRUCE PINE FIR OR BETTER. F_b = 750 PSI F_v = 70 PSI E = 1100000 PSI
- DESIGN CODE: NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
- FASTENERS: COMPLY WITH RECOMMENDED FASTENING SCHEDULE OF IBC 2003 AND IRC 2003, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- NAILING REQUIREMENTS FOR PLYWOOD ROOF DECK: PROVIDE 8d NAILS @ 6" o.c. ALONG PANEL EDGES 8d NAILS @ 12" o.c. ALONG INTERMEDIATE MEMBERS
- SPIKE TOGETHER ALL FRAMING MEMBERS WHICH ARE BUILT-UP USING MULTIPLE 2x LUMBER.
- PROVIDE GALVANIZED METAL TIES EQUAL TO SIMPSON H2.5 HURRICANE TIES BETWEEN ROOF TRUSSES AND SUPPORTING WALL MEMBERS, UNLESS SHOWN OTHERWISE.
- PROVIDE PRESSURE TREATED LUMBER FOR ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE.
- ROOF SHEATHING: 5/8" ABA RATED SHEATHING, EXTERIOR OR STRUCTURAL I OR II RATED SHEATHING, SPAN RATING 32/16 INSTALL SHEETS WITH FACE GRAIN DIRECTION PERPENDICULAR TO SUPPORTING MEMBERS.

STRUCTURAL DESIGN CRITERIA:

- BUILDING CODE: 2003 INTERNATIONAL BUILDING CODE
- DESIGN WIND LOADS - MAIN WIND FORCE RESISTING SYSTEM: DESIGN WIND SPEED = 90 MPH BUILDING USE IMPORTANCE FACTOR (I) = 1.1 BUILDING EXPOSURE CATEGORY = B
- SNOW: GROUND SNOW LOAD = 60 PSF IMPORTANCE FACTOR, I = 1.0 EXPOSURE FACTOR, C_e = 0.7 FLAT ROOF SNOW LOAD = 15 PSF
- ROOF DEAD LOAD = 15 PSF
- FLOOR LOADS: FLOOR LIVE LOAD = 40 PSF FLOOR DEAD LOAD = 15 PSF

Scale: 1/2" = 1'-0"

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| SHEET TITLE: SECTIONS, DETAILS, & NOTES | | SHEET NO.: 56 OF 60 | | | | | | | |
|---|----------|--|--|---|------|-------------|---|----------|-------------------------|
| SHELLY ENGINEERING, INC. STRUCTURAL CONSULTANTS 90 BRIDGE STREET WESTBROOK, MAINE 04092 PHONE (207) 854-5465 FAX (207) 854-8706 WWW.SHELLYENGINEERING.COM | | BRADSTREET RESIDENCE ADDITION 29 MERRILL STREET PORTLAND MAINE | | | | | | | |
| DRN BY: TRB CHKD BY: PDJ DATE: DEC. 18, 2006 SCALE: AS NOTED JOB NO.: 2006-209 | | THIS DRAWING IS ISSUED: <input type="checkbox"/> NOT FOR CONSTRUCTION <input checked="" type="checkbox"/> FOR CONSTRUCTION CURRENT REVISION <table border="1"> <thead> <tr> <th>#</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>12-18-06</td> <td>ISSUED FOR CONSTRUCTION</td> </tr> </tbody> </table> | | # | DATE | DESCRIPTION | 1 | 12-18-06 | ISSUED FOR CONSTRUCTION |
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