



DESIGN CRITERIA	
GOVERNING CODE	2009 IBC
SEISMIC	ZONE D2 I = 100 R = 6.00 Fa = 100
BASIC WIND SPEED	90 MPH EXPOSURE C I = 100
ROOF LOADS	DEAD 15 PSF LIVE 60 PSF
SOIL BEARING PRESSURE	1500 PSF

- ### GENERAL FRAMING NOTES
- ALL LOAD BEARING WINDOW AND DOOR HEADERS SHALL HAVE (2) 2"x10" DP OR BTR W/ILLER UNLESS NOTED OTHERWISE ON DRAWING.
 - ALL HEADERS SUPPORTING A GIRDER TRUSS SHALL BE A MIN. OF (2) 1-3/4"x9-1/2" LVLs UNLESS NOTED OTHERWISE ON DRAWING.
 - ALL MULTIPLE BEAMS AND HEADERS SHALL BE NAILED USING 2 ROWS OF 16d NAILS @ 12" O.C.
 - ALL POINT LOADS SHALL BE SOLID BLOCKED TO THE FOUNDATION.
 - USE DOUBLE TRIMMERS TO SUPPORT BEAMS AND HEADERS GREATER THAN 6 FEET UNLESS NOTED OTHERWISE ON DRAWING.
 - USE SIMPSON OR EQUIVALENT HARDWARE TO CONNECT BEAMS 6' AND LONGER TO STUDS OR POSTS.

- ### ROOF SHEATHING NOTES
- SHEATHING SHALL BE 5/8", 24/16, APA RATED SHEATHING. NAIL W/ 8d @ 6" O.C. 3/8" FROM EDGE OF PANEL AT ALL PANEL ENDS, SUPPORTED EDGES, SHEARWALL TOPS, AND ALL BLOCKING. NAIL @ 12" O.C. ALONG INTERMEDIATE FRAMING MEMBERS.
 - LAY SHEATHING WITH FACE GRAIN AT RIGHT ANGLES TO FRAMING WITH STAGGERED END JOINTS.

- ### TRUSS NOTES
- CONTRACTOR SHALL PROVIDE MINIMUM 22" X 30" ATTIC ACCESS.
 - THE CONTRACTOR SHALL BLOCK BETWEEN TRUSSES AND CONNECT EACH TRUSS TO WALL TOP PLATE WITH SIMPSON HI CONNECTORS.
 - GABLE ENDS SHALL HAVE SIMPSON STRONGTIE STRAPS @ 32" O.C. CONNECTING GABLE TRUSS TO WALL FRAMING.
 - ANY CHANGES TO THE TRUSS CONFIGURATION SHOWN ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
 - ALL ENGINEERING TRUSS SUBMITTALS SHALL BE STAMPED BY A ENGINEER LICENSED IN THE STATE OF UTAH.

TABLE OF EQUIVALENT FASTENERS					
NAILS, STAPLES, & T-NAILS (VALID FOR LATERAL LOADS ONLY)					
COMMON NAIL SPACING	STAPLE SPACING			T-NAIL SPACING	
	16*	15*	14*	13*	13*
	1" **	1" **	1" **	1 1/4" **	1 1/2" **
6d *	4"	3 1/2"	4"	4"	5"
	6"	5"	6"	7"	7 1/2"
	8"	6 1/2"	8"	9"	10"
	10"	8 1/2"	10"	12"	12"
8d *	4"	2 1/2"	3 1/2"	3 1/2"	4"
	6"	4"	5"	5"	6"
	8"	5 1/2"	6 1/2"	6 1/2"	8"
	10"	6 1/2"	8"	8"	10"
10d *	4"	2"	2 1/2"	2 1/2"	3 1/2"
	6"	3 1/2"	4"	4"	5"
	8"	4 1/2"	5 1/2"	5 1/2"	7"
	10"	5 1/2"	7"	6 1/2"	8 1/2"
	12"	6 1/2"	8"	8 1/2"	10"

* GAUGE
** PENETRATION

CONCRETE-ENCASED ELECTRODE

AN ELECTRODE ENCASED BY AT LEAST 2 INCHES OF CONCRETE, LOCATED WITHIN AND NEAR THE BOTTOM OF A CONCRETE FOUNDATION OR FOOTING THAT IS IN DIRECT CONTACT WITH THE EARTH, CONSISTING OF AT LEAST 20 FEET OF ONE OR MORE BARE OR ZINC-GALVANIZED OR OTHER ELECTRICALLY CONDUCTIVE COATED STEEL REINFORCING BARS OR RODS OF NOT LESS THAN 1/2 INCH DIAMETER, OR CONSISTING OF AT LEAST 20 FEET OF BARE COPPER CONDUCTOR NOT SMALLER THAN 4 AWG SHALL BE CONSIDERED AS A GROUNDING ELECTRODE. REINFORCING BARS SHALL BE PERMITTED TO BE BONDED TOGETHER BY THE USUAL STEEL TIE WIRE OR OTHER EFFECTIVE MEANS. E3500.12

- ### SHEAR WALL NOTES
- AS A MINIMUM, ALL EXTERIOR WALL SHALL BE SHEATHED WITH 7/16" APA RATED C-D OR C-C SHEATHING AND NAILED WITH 8d @ 4" O.C. EDGE AND 12" O.C. FIELD.
 - SHEATHING SHALL EXTEND CONTINUOUS FROM MUD SILL TO TOP PLATE AND NAILED AT LEAST 1" O.C. ALONG SILL PLATE. SHEATHING SHALL EXTEND FROM FLOOR FRAMING TO HIGH ROOF FRAMING ON UPPER LEVEL EXTERIOR WALLS.
 - NAILS SHALL BE PLACED NOT LESS THAN 1/2" FROM EDGE OF PANEL AND DRIVEN FLUSH. NAIL SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING.

- ### NOTES: GENERAL
- CONTRACTOR IS TO VERIFY DESIGN, DIMENSIONS AND NOTES PRIOR TO BEGINNING OF CONSTRUCTION.
 - ALL WORK IS TO BE DONE UNDER THE SUPERVISION OF A LICENSED CONTRACTOR.
 - ALL WORK IS TO BE DONE UNDER LOCAL AND STATE BUILDING CODES.
 - ELECTRICAL SHALL BE PER NATIONAL ELECTRIC CODE, LATEST EDITIONS.
 - HEATING/MECHANICAL WORK SHALL BE PER APPLICABLE CODES, LATEST EDITIONS.

