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**A  
I  
B  
D**®

#### RESIDENTIAL DESIGNERS

234 North Margolin Drive  
Nagoya, MI 49357  
(611) 325-3234



**PLAN NUMBER**  
**1314**

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or Date noted above.

**SCALE** - 1/4"=1'-0"

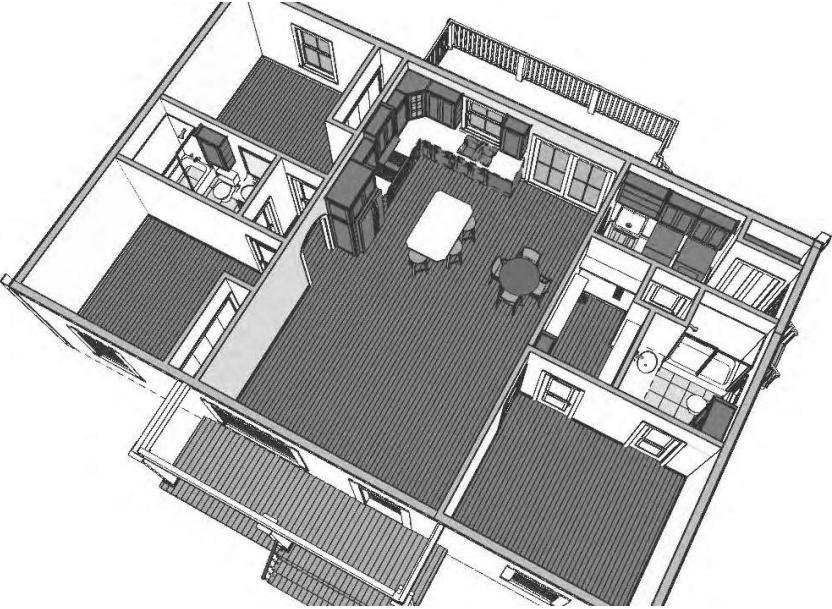
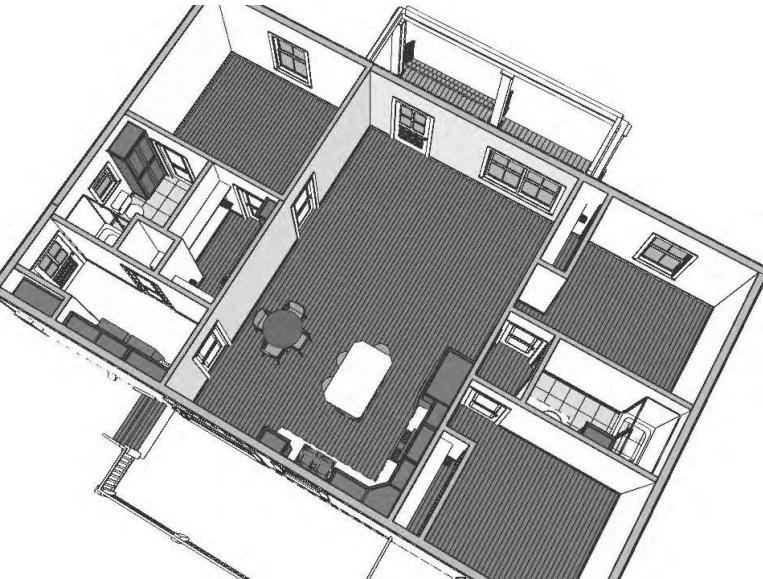
**SQUARE FT.**  
Heated Area 1311  
Covered Porch 120

Area does not include Ext. Rrches

#### REVISIONS

DATE REVISION MADE





**FLOOR PLAN SHEET**

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A  
I  
B  
D

**RESIDENTIAL DESIGNERS**  
234 North Magnolia Drive  
Wilmington, NC 28405-7777

DesignHouse  
Inc.

**PLAN NUMBER**  
**1314**

**SCALE -** 1/4"=1'-0"

SQUARE FT.

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Page 1

Area does not include Eat. Finishes

## **REVISIONS**

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## REVISIONS

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10 of 10

DATE	REVISION MADE
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234 North Marginal Drive  
Nagles, MS 39577  
(661) 226-3234



### PLAN NUMBER

1314

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### SCALE -

### SQUARE FT.

Heated Area 1311

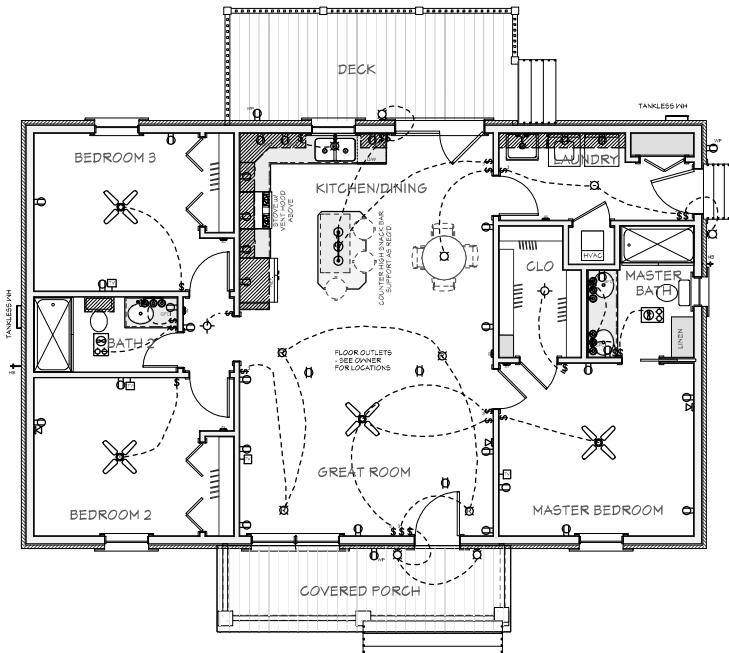
Covered Porch 120

Area does not include Ext. Porches

### REVISIONS

DATE REVISION MADE

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### NOTE:

INSTALL SECURITY SYSTEM AS PER OWNERS SPECIFICATIONS  
INSTALL CENTRAL VAC SYSTEM AS REQUIRED TO ACCESS ALL AREAS OF THE HOME  
INSTALL SMOKE DETECTORS IN EACH BEDROOM AND IN HALLS LEADING TO SAID BEDROOMS  
INSTALL AFCI OUTLETS IN ALL BEDROOMS  
VERIFY FLOOR OUTLET LOCATIONS WITH HOMEOWNER  
CONSULT HOMEOWNER FOR LOCATION OF ELECTRICAL PANEL  
KITCHEN - INSTALL ACCENT LIGHTING ABOVE WALL CABINETS.  
SWITCH LOCATION AS PER OWNERS REQUIREMENTS.  
LIVING ROOM - INSTALL ACCENT LIGHTING ABOVE WALL CABINETS.  
SWITCH LOCATION AS PER OWNERS REQUIREMENTS.

ELECTRICAL - DATA - AUDIO LEGEND	
SYMBOL	DESCRIPTION
	Ceiling Fan
	Ventilation Fans: Ceiling Mounted, Wall Mounted
	Ceiling Mounted Light Fixtures: Surface/Pendant, Recessed, Heat Lamp, Low Voltage
	Wall Mount Light Fixtures: Push Mounted, Wall Sconce
	Chandelier Light Fixture
	Fluorescent Light Fixture
	240V Receptacle
	110V Receptacles: Duplex, Weather Proof, GFCI
	Switches: Single Pole, Weather Proof, 3-Way, 4-Way
	Switches: Dimmer, Timer
	Audio Video Control Panel, Switch
	Speakers: Ceiling Mounted, Wall Mounted
	Wall Jacks: CAT5, CAT5 + TV, TV/Cable
	Telephone Jack
	Intercom
	Thermostat
	Door Chime, Door Bell Button
	Smoke Detectors: Ceiling Mounted, Wall Mounted
	Electrical Breaker Panel

### ELECTRICAL SHEET



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**A.I.  
B.D.**

### RESIDENTIAL DESIGNERS

234 North Magnolia Drive  
Nashville, TN 37217  
(615) 322-3234



### PLAN NUMBER

1314

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### SCALE -

1/4"=1'-0"

### SQUARE FT.

Heated Area	1311
Covered Porch	120

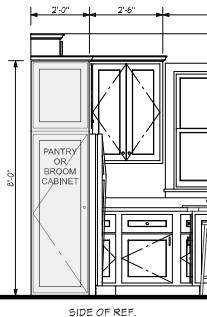
Area does not include exterior finishes.

### REVISIONS

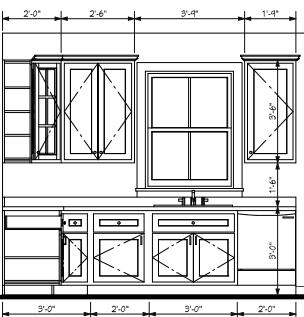
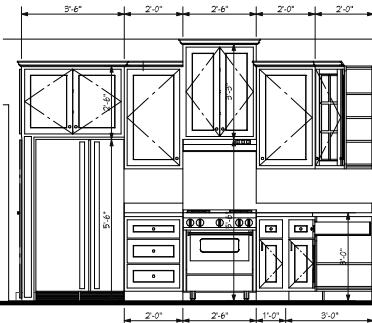
Revision made

### MILLWORK SHEET

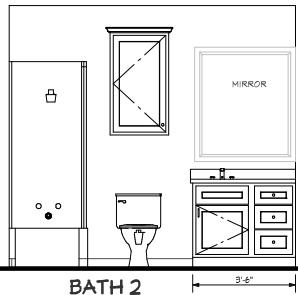
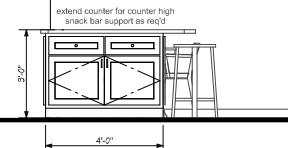
NOTICE: ANY DISCREPANCIES, ERRORS AND OR OMISSIONS IN THE NOTES, DIMENSIONS, AND/OR DRAWINGS CONTAINED ON THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, PRECEDING WITH CONSTRUCTION CONSTITUTES THE ACCEPTANCE OF THE DOCUMENTS AND ANY DISCREPANCIES, ERRORS AND/OR OMISSIONS BECOME THE RESPONSIBILITY OF THE BUILDING CONTRACTOR.



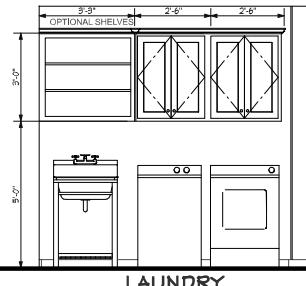
SIDE OF REF.



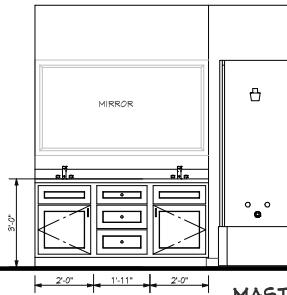
KITCHEN



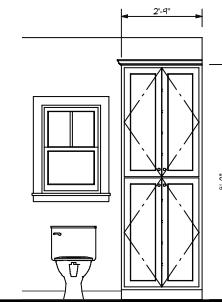
BATH 2

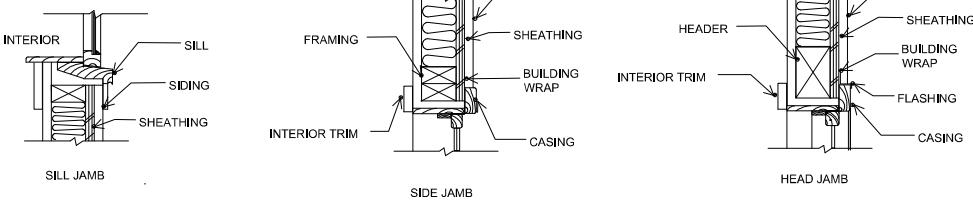


LAUNDRY

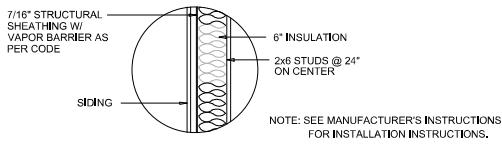


MASTER BATH

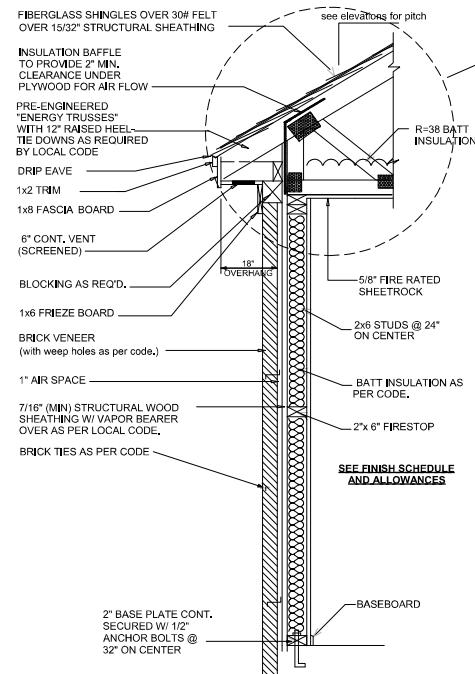




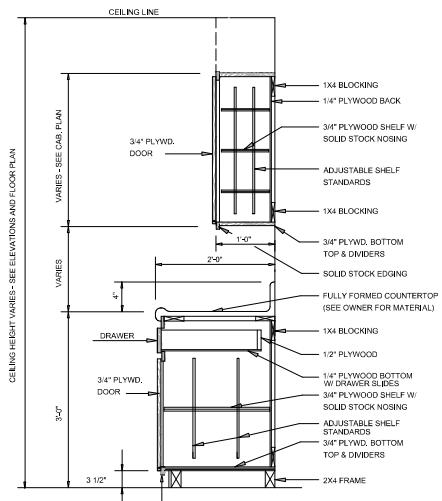
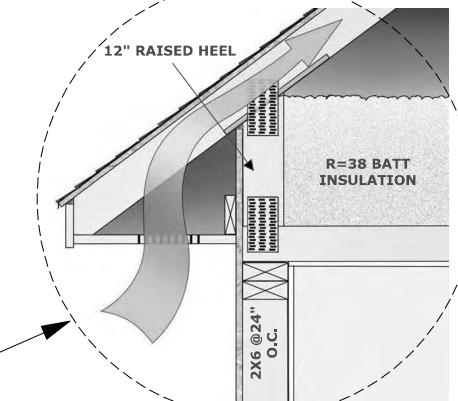
### TYPICAL WOODEN WINDOWS-JAMBS



### TYPICAL WALL SECTION WITH SIDING



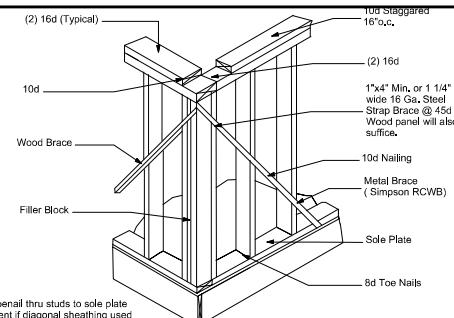
### TYPICAL BRICK WALL SECTION



### TYPICAL KITCHEN CABINET

ALL DIMENSIONS ARE PROPOSED ONLY. THE EXACT DIMENSIONS SHALL BE CHECKED ON SITE FOR FINAL SIZING OF ALL CABINETS AND MILLWORK.

OWNER TO CHOOSE STYLE OF CABINET DOORS AND ANY TRIM TO BE USED AROUND THE TOP OF EACH.



NOTE: One toenail thru studs to sole plate sufficient if diagonal sheathing used

### TOP PLATE AND BRACING

ALLOWANCE SCHEDULE	
(ALL ALLOWANCES ARE CONTRACTOR PRICES)	NOTE: INSERT PRICE AS DESIRED
BLOCK	ALLOWANCE TO PURCHASE PER THOUSAND \$ .00
ROOFING	ALLOWANCE TO PURCHASE PER SQUARE \$ .00
GERMING TILE	ALLOWANCE TO PURCHASE AND INSTALL PER SQ. FT. \$ .00
VINYL COMPOSITION TILE	ALLOWANCE TO PURCHASE AND INSTALL PER SQ. YD. \$ .00
SHEET VINYL	ALLOWANCE TO PURCHASE AND INSTALL PER SQ. YD. \$ .00
CARPET AND PAD	ALLOWANCE TO PURCHASE AND INSTALL PER SQ. YD. \$ .00
PLUMBING FIXTURES	ALLOWANCE TO PURCHASE LUMP SUM \$ .00
LIGHTING FIXTURES	ALLOWANCE TO PURCHASE LUMP SUM \$ .00
KITCHEN APPLIANCES	CEILING FANS ALLOWANCE TO PURCHASE LUMP SUM \$ .00 OTHER \$ .00
FINISH HARDWARE	ALLOWANCE TO PURCHASE LUMP SUM \$ .00
	ALLOWANCE TO PURCHASE UNIT \$ .00

ROOM	CEILING HEIGHT VARIES - SEE ELEVATIONS AND FLOOR PLAN		WALLS	CEILINGS	DOOR & DOORSTYLES	BASIC TRIM	CEILING SOLEPLATE	ROOF
	CEILING HEIGHT VARIES - SEE ELEVATIONS AND FLOOR PLAN	WALLS						
GARAGE	CEILING: 8'-0" X 10'-0" X 8'-0"	WALLS: 8'-0" X 10'-0"						
STORAGE								
BREAKFAST ROOM								
KITCHEN								
LAUNDRY								
EATING								
DINING								
FOYER/ENTRANCE								
STUDY								
FAMILY ROOM								
HOTEL BEDROOM								
MASTER BEDROOM								
BEDROOM 2								
BEDROOM 3								
BEDROOM 4								
MASTER BATH								
BATH 2								
BATH 3								
1/2 BATH								
DRESSING ROOM 1								
DRESSING ROOM 2								

OWNER OR CONTRACTOR SHALL COMPLETE THE ABOVE SCHEDULE. ANY DESIGNED MATERIAL NOT LISTED SHALL BE LISTED IN THE APPROPRIATE COLUMN. ANY SPECIAL COMMENTS SHALL BE LISTED IN THE REMARKS COLUMN.

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234 North Maplewood Drive  
Naples, FL 34157  
(800) 322-3234

PLAN NUMBER  
1314

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07/01/2015  
or Date noted above.

SCALE - 1/4"=1'-0"

SQUARE FT.  
Heated Area 1311  
Covered Porch 120

Area does not include Ext. Finishes

REVISIONS

DATE REVISION MADE

## THERMAL COMPONENT CRITERIA (U-F FACTOR AND R-VALUE)

MAX. GLAZING U-FACTOR	MINIMUM INSULATION		R-VALUE	CR SP WA
	CEILINGS	WALLS	FLOORS	
.75	R-26	R-13	R-11	R-5

## WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS

FASTENER TYPE	FASTENER SPACING		
	PANEL SPAN < 4 FT.	4 FT. PANEL SPAN < 6 FT.	6 FT. PANEL SPAN < 8 FT.
2 1/2" #6 WOOD SCREWS	16"	12"	9"
2 1/2" #8 WOOD SCREWS	16"	16"	12"

WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS, WOOD STRUCTURAL WITH A MIN. THICKNESS OF 7/16" AND A MAX. SPAN OF 8' SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE & TWO STORY BUILDINGS. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED.

## HEADER SPANS FOR INTERIOR LOAD BEARING WALLS

HEADER SUPPORTING	SIZE	BUILDING WIDTH		
		12	24	36
		SPANS (ft-in.)		

CNE FLOOR (CENTER BEARING)	2-2x4	4'-4"	3'-1"	2'-6"
	2-2x6	6'-5"	4'-6"	3'-8"
	2-2x8	8'-1"	5'-9"	4"-8"
	2-2x10	g'-11"	7'-0"	5'-9"
	2-2x12	11'-6"	8'-1"	8'-7"
	3-2x8	10'-2"	7'-2"	5'-10"
	3-2x10	12'-5"	8'-8"	7'-2"
	3-2x12	14'-4"	10'-2"	8'-3"
	4-2x8	11'-6"	8'-3"	6'-9"
	4-2x10	14'-4"	10'-1"	5'-3"
	4-2x12	*	11'-9"	9'-7"

2-2x4	2'-10"	2'-1"	1'-8"
2-2x6	4'-2"	3'-1"	2'-6"
2-2x8	5'-4"	3'-11"	3'-3"
2-2x10	6'-6"	4'-9"	3'-11"
TWO FLOORS ONLY (CENTER BEARING)			
2-2x12	7'-6"	5'-6"	4'-7"
3-2x8	6'-8"	4'-1"	4'-0"
3-2x10	8'-1"	6'-0"	4'-11"
3-2x12	9'-5"	6'-11"	5'-9"
4-2x8	7'-8"	5'-8"	4'-8"
4-2x10	9'-4"	6'-10"	5'-8"
4-2x12	10'-10"	8'-40"	6'-7"

**' MAX SPAN EXCEEDS 16' (SPANS LIMITED TO 16')**

#### **NOTE**

ALL HEADERS SHALL HAVE SOLID BLOCKING

HEADER NAILING SCHEDULE

DESCRIPTION	NUM. OF COM. NAILS	NUM. OF BOX NAILS	SPACING
HEAD TO HEAD (FACE-NAILED)	8d	10d	6" QC EDGES/ 12" QC FLD

**WALL SHEATHING OR CLADDING  
REQ. FOR WIND LOAD - EXP. B**

STANDARD STRONG-WALL MODELS

SHEATHING LOCATION	STUD SPAC.	E	F
		MAX. NAIL SPAC. FOR 8 COM. NAILS OR 10X1 FINE NAILS (INCHES OC.)	
INTERIOR ZONE	12" OC.	6	12
	16" OC.	6	12
	24" OC.	6	12
PERIMETER EDGE ZONE	12" OC.	6	12
	16" OC.	6	12
	24" OC.	6	12

130 MPH WINDS - EXPOSURE "B" (TYP.)

ROOF SHEATHING OR CLADDING  
REQ. FOR WIND LOAD - EXP. B

SHEATHING LOCATION	RAFTER/ TRUSS SPAC.	E	F
	MAX. NAIL SPAC. FOR 8 CDW NAILS OR 10D BOX NAILS (INCHES O.C.)		
INTERIOR ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12
PERIMETER EDGE ZONE	12" O.C.	6	12
	16" O.C.	6	6
	24" O.C.	6	6

130 MPH WINDS - EXPOSURE "B" (TYP.)		
DECK SPANS		EXPOSURE B FOR INTERIOR LOAD BEARING WALLS
DECK SIZE	SPAN	NO. FULL HI. STUDS REQ'D @ EA. END
2x4	4'-7"	<b>2</b>
2x6	5'-6"	2
2x8	6'-1"	3
2x10	6'-8"	3
2x12	7'-1"	3
2x8	7'-5"	3
2x10	8'-3"	3
2x12	8'-8"	3
2x8	8'-7"	3
2x10	9'-6"	3
2x12	10'-0"	4

NOTE  
BUILDING WIDTH IS MEASURED PERPENDICULAR TO THE RIDGE. FOR WIDTHS  
BETWEEN THOSE SHOWN, SPANS ARE PERMITTED TO BE INTERPOLATED.

ALL HEADERS SHALL HAVE SOUND BLOCKING

VERIFY WITH LOCAL CODES FOR THE AREA IN WHICH HOUSE IS TO BE BUILT- THESE CHARTS ARE FOR 130 MPH HINDS WITH EXPOSURE B

SILL OF BOTTOM PLATE TO FND. CONNECTIONS  
RESISTING UPLIFT LOADS - 130 MPH WINDS EXP. B

BOTTOM PLATE TO FND. ANCHOR BOLT CONNECTION REQUESTING	FOUNDATION SUPPORTING	MAX. ANCHOR BOLT SPACING (IN.)	
		8' END ZONES	INTERIOR ZONES
UPLIFT LOADS	1-3 STORIES	28	33

SILL OF BOTTOM PLATE TO FND. CONNECTIONS  
RESISTING SHEAR LOADS : 130 MPH WINDS EXP. B

BOTTOM PLATE TO FDN. ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAX. ANCHOR BOLT SPACING (IN.)	
SHEAR LOADS	1-3 STORIES	1/2" ANC. BOLTS	5/8" ANC. BOLTS
1000 LBS.	1000 LBS.	30	45

## JACK STUD REQUIREMENTS FOR INTERIOR LOAD BEARING WALLS

HEADER SUPPORTING	HEADER SPAN (ft.)	ROOF SPAN (ft.)			
		12 FEET			
		3"	4.5"	5"	6.5"
NO JACK STUDS REQ.					
ROOF & C.G.	2	1	1	I	1
	4	1	1	1	1
	6	2	1	2	2
	8	2	2	2	2
	10	3	2	2	2
	12	3	2	2	2
	14	4	3	2	2
	16	4	3	2	2
ROOF & C.G., AND 1 CENTER BEARING FLOOR	2	1	1	1	1
	4	2	1	I	1
	6	2	2	2	1
	8	3	2	2	3
	10	4	3	2	2
	12	4	3	3	2
	14	5	3	3	3
	16	5	4	3	3

## ROOF UNDERLayment APPLICATION

FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (12% SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33% SLOPE), UNDERLayment SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:

APPLY A 19" STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY 36" WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 19", AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.

FOR ROOF SLOPES OF FOUR UNITS VERTICAL (33% SLOPE), OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2", FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6".

## JAC-< STUD REQUIREMENTS - FOR INTERIOR LOAD BEARING WALLS

HEADER SUPPORTING	HEADER SPAN (ft.)	ROOF SPAN (ft.)											
		12 FEET				24 FEET				36 FEET			
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"
		NO JACK STUDS REQ.											
ROOF & CL.G.	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	2	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	2	2	2	2
	12	1	1	1	1	2	2	2	1	3	2	2	2
	14	2	1	1	1	3	2	2	2	3	3	3	2
	16	2	1	1	1	3	2	2	2	4	3	3	2
ROOF & CL.G. AND 1 CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	2	1	1	1
	4	1	1	1	1	2	1	1	1	3	2	2	2
	6	2	1	1	1	3	2	2	2	4	3	3	2
	8	2	2	1	1	3	2	2	2	5	3	3	3
	10	2	2	2	1	4	3	3	2	6	4	4	3
	12	3	2	2	2	5	3	3	3	7	5	4	4
	14	3	2	2	2	5	4	3	3	8	5	5	4
	16	4	3	2	2	6	4	4	3	9	6	5	5