

UPLIFT CONNECTIONS- 130MPH WINDS EXP. "B"					
CONNECTION	FRAMING SPACING (in.)	ROOF SPAN (ft.)	U	L	NUM. OF 8d COM. NAILS OR 1-1/4"x20 GA. STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" O.C.	17	386	246	4
WALL ASSEMBLY TO WALL ASSEMBLY	16" O.C.	17	386	246	4
WALL ASSEMBLY TO FOUNDATION	16" O.C.	17	170	185	436

THERMAL COMPONENT CRITERIA (U-FACTOR AND R-VALUE)				
MINIMUM INSULATION R-VALUE				
MAX. GLAZING U-FACTOR	CEILING WALLS	FLOORS	BASEMENT WALLS	CREWL SPACE WALLS
.75	R-26	R-13	R-11	R-5

WALL SHEATH. OR CLAD. REQ. FOR WIND LOAD-EXP. B					
SHEATHING LOCATION	STUD SPAC.	MAX. NAIL SPAC. FOR 8d COM. NAILS (INCHES, O.C.)	E		F
			12" O.C.	6"	12"
INTERIOR ZONE	12" O.C.	6"	6"	12"	12"
PERIMETER EDGE ZONE	12" O.C.	6"	6"	12"	12"
	24" O.C.	6"	6"	12"	12"
130 MPH WINDS-EXPOSURE "B" (70" F)					

WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS				
FASTENER TYPE	PANEL SPAN ≤ 4 FOOT	FASTENER SPACING		
		4 FOOT PANEL SPAN ≤ 6 FOOT	6 FOOT PANEL SPAN ≤ 8 FOOT	8 FOOT PANEL SPAN ≤ 12 FOOT
2-1/2" x 4" WOOD SCREWS	16"	12"	16"	12"
2-1/2" x 6" WOOD SCREWS	16"	12"	16"	12"

WINDOWS IN BUILDINGS LOCATED IN WIND-BORNE DEBRIS REGIONS SHALL HAVE GLAZING WITH A MINIMUM U-FACTOR OF 0.30 AND A MAX. SPAN OF 8 FEET SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE AND TWO STORY BUILDINGS. PANELS SHALL BE PERMITTED FOR TO COVER THE GLAZING OPENINGS WITH AN OVERLAP PROVISIONS.

HEADER NAILING SCHEDULE			
DESCRIPTION	NUM. OF COM. NAILS	NUM. OF BOX NAILS	SPACING
HEAD TO HEAD (FACE-NAILED)	8d	10d	6" O.C. (FACE/12")

NOTE: ALL HEADERS SHALL HAVE SOLID BLOCKING

ROOF UNDERLAYMENT APPLICATION

FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:

APPLY A 1/9 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY 36 INCH WIDE SHEETS OF UNDERLAYMENT OVERLAPPING SUCCESSIVE SHEETS 19 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.

FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:

UNDERLAYMENT SHALL BE APPLIED SINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

SHINGLE APPLICATION/FASTENING

ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE WHERE THE ROOF IS IN ONE OF THE FOLLOWING CATEGORIES:

1. THE BASIC WIND SPEED IS 120 MPH OR GREATER AND THE EAVE IS 20 FEET OR HIGHER ABOVE GRADE.
2. THE BASIC WIND SPEED IS 120 MPH OR GREATER.
3. SPECIAL WIND ZONES.

UPLIFT CONNECTIONS

ROOF ASSEMBLY TO WALL ASSEMBLY:
UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE.

WALL ASSEMBLY TO FOUNDATION:
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE. 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE, 3 INCHES ABOVE THE FOUNDATION. THE STRAP SHALL BE FASTENED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE.

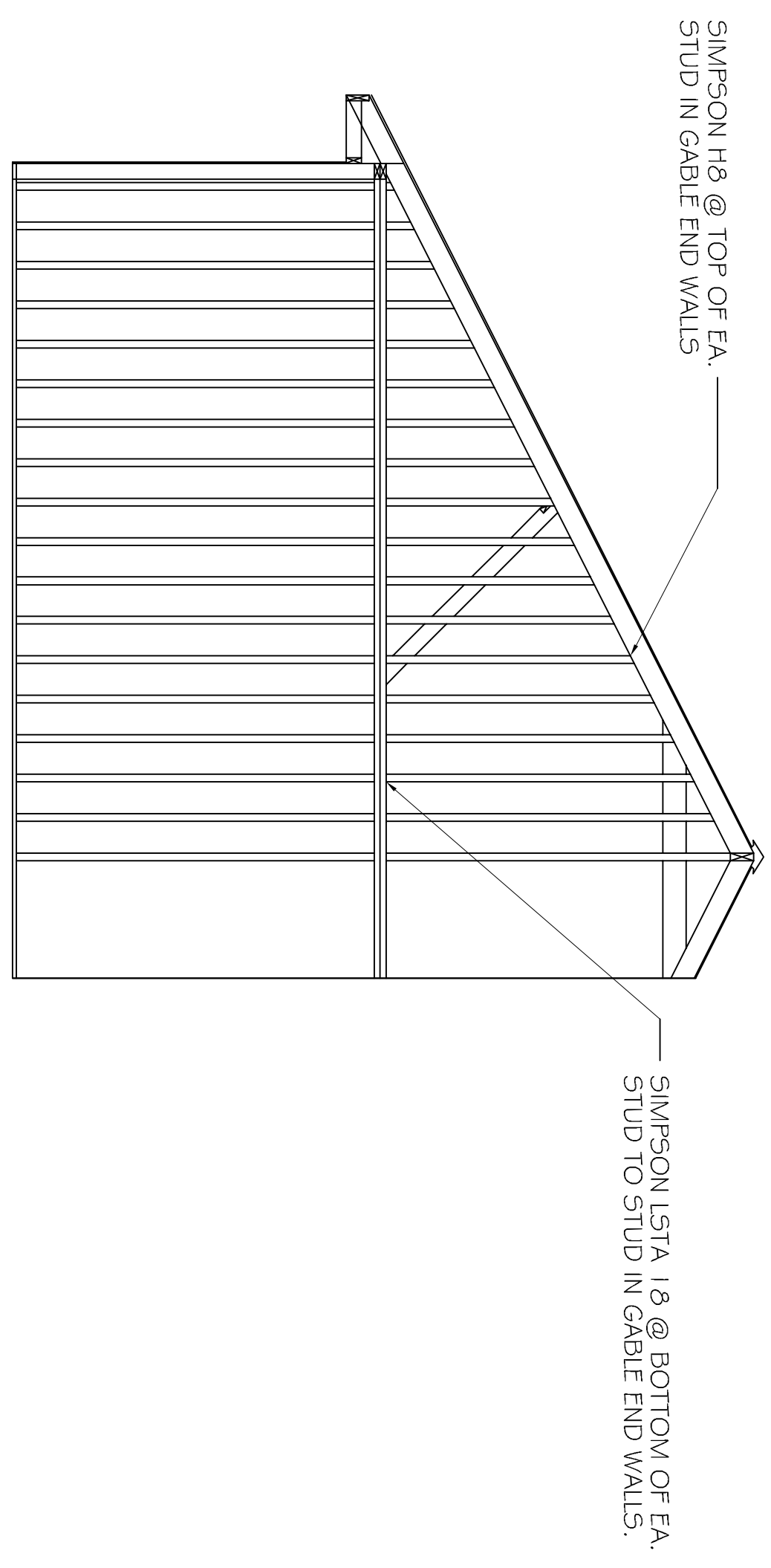
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JACK STUD REQUIREMENTS-FOR INTERIOR LOADBEARING WALLS

HEADER SUPPORTING	ROOF SPAN (ft.)				
	12 FEET	24 FEET	36 FEET	48 FEET	60 FEET
2	1	1	1	1	1
4	1	1	1	1	1
6	1	1	1	1	1
8	1	1	1	1	1
10	1	1	1	1	1
12	1	1	1	1	1
14	1	1	1	1	1
16	1	1	1	1	1
2	1	1	1	1	1
4	1	1	1	1	1
6	1	1	1	1	1
8	1	1	1	1	1
10	1	1	1	1	1
12	1	1	1	1	1
14	1	1	1	1	1
16	1	1	1	1	1

SILL or BOTTOM PLATE TO FND. CONNECTIONS RESISTING UPLIFT LOADS- 130MPH WINDS EXP. "B"		MAX. ANCHOR BOLT SPACING (in.)	
FOUNDATION SUPPORTING	8 END ZONES	INTERIOR ZONES	
1-3 STORES	28	33	

SILL or BOTTOM PLATE TO FND. CONNECTIONS RESISTING SHEAR LOADS- 130MPH WINDS EXP. "B"		MAX. ANCHOR BOLT SPACING (in.)	
FOUNDATION SUPPORTING	1/2" ANC. BOLTS	5/8" ANC. BOLTS	
1-3 STORES	30	45	



HEADER SPANS-FOR INT. LOADBEARING WALLS

HEADER SUPPORTING	BLDG. WIDTH (ft.)		
	12	24	36
(D12445)	4'-0"	3'-11"	2'-6"
(D12465)	6'-5"	4'-6"	3'-8"
(D12485)	8'-11"	5'-9"	4'-8"
(D124105)	9'-11"	7'-0"	5'-9"
(D124125)	11'-6"	8'-11"	6'-7"
(D12465)	10'-2"	7'-2"	5'-10"
(D124125)	12'-5"	8'-9"	7'-2"
(D124105)	14'-4"	10'-2"	8'-3"
(D12465)	11'-6"	8'-3"	6'-9"
(D124105)	14'-4"	10'-1"	8'-3"
(D124125)	11'-9"	9'-7"	7'-7"
(D12445)	2'-10"	2'-11"	1'-9"
(D12465)	4'-2"	3'-11"	2'-6"
(D12485)	5'-4"	3'-11"	3'-3"
(D124105)	6'-6"	4'-9"	3'-11"
(D124125)	7'-6"	5'-6"	4'-7"
(D12465)	6'-8"	4'-10"	4'-0"
(D124105)	8'-11"	6'-0"	4'-11"
(D124125)	9'-5"	6'-11"	5'-9"
(D12465)	7'-8"	5'-8"	4'-8"
(D124105)	9'-4"	6'-10"	5'-8"
(D124125)	10'-10"	8'-2"	6'-7"

* MAX. SPAN EXCEEDS 16' (SPANS LIM. TO 16')

NOTE: ALL HEADERS SHALL HAVE SOLID BLOCKING

ROOF SHEATH. OR CLAD. REQ. FOR WIND LOAD-EXP. B				
SHEATHING LOCATION	RAFTER/TRUSS SPAC.	MAX. NAIL SPAC. FOR 8d COM. NAILS OR 10d BOX NAILS (INCHES, O.C.)	F	
			12" O.C.	12"
INTERIOR ZONE	12" O.C.	6"	6"	12"
PERIMETER EDGE ZONE	12" O.C.	6"	6"	12"
	24" O.C.	6"	6"	12"
130 MPH WINDS-EXPOSURE "B" (70" F)				

HEADER SPANS-EXPOSURE B FOR EXTERIOR LOADBEARING WALLS

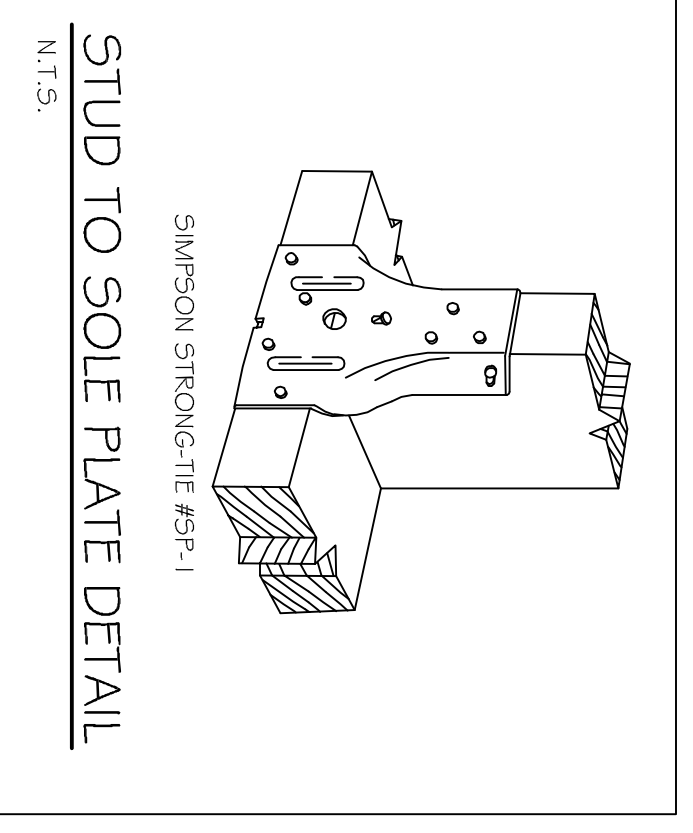
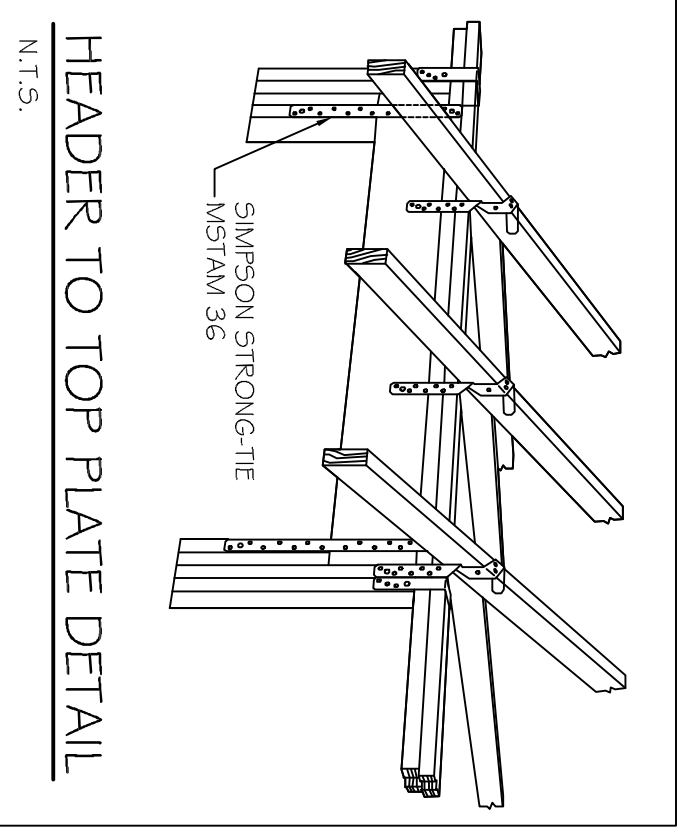
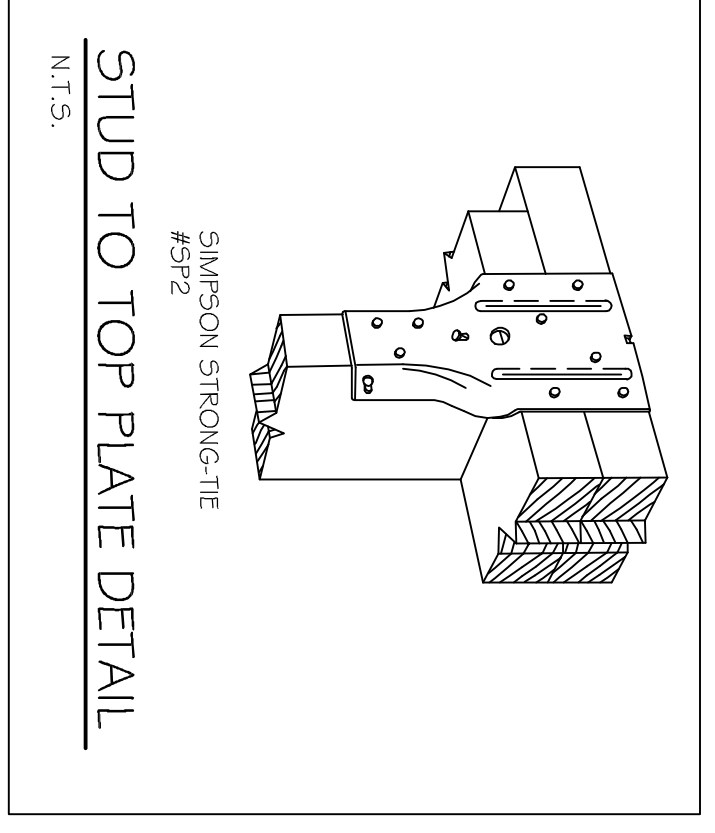
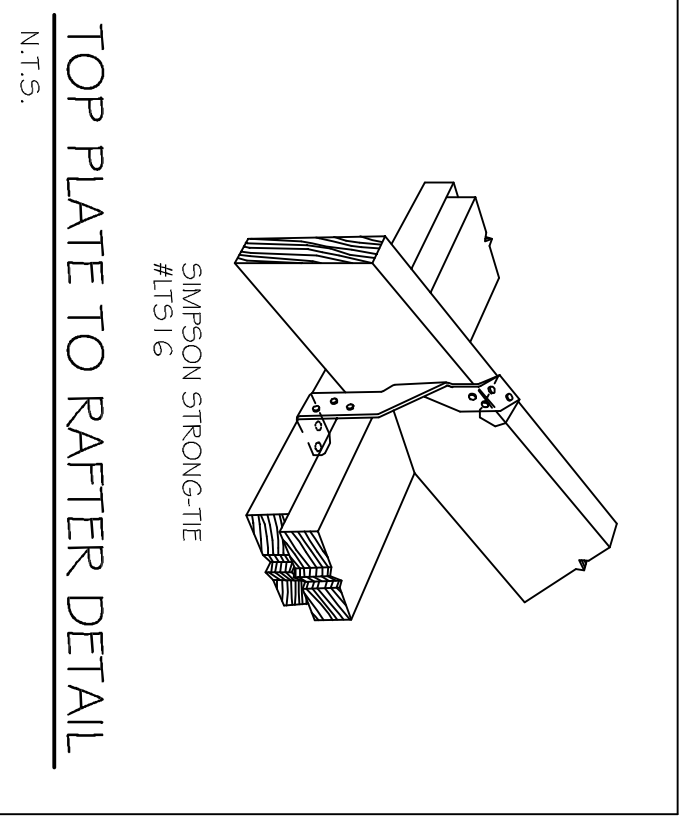
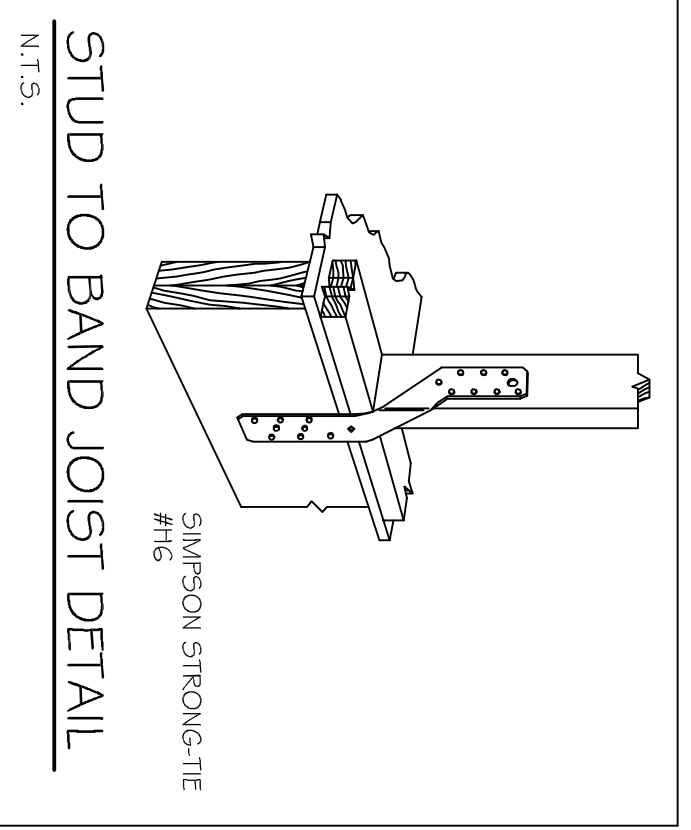
HEADER SIZE	SPAN	NO. FULL HGT. STUDS REQ. AT EA. END	
		2	3
(D12445)	4'-7"	2	2
(D12465)	5'-6"	2	2
(D12485)	6'-11"	3	3
(D124105)	7'-5"	3	3
(D124125)	8'-9"	3	3
(D12465)	7'-3"	3	3
(D124105)	8'-8"	3	3
(D124125)	9'-2"	3	3
(D12465)	8'-2"	3	3
(D124105)	10'-0"	4	4

NOTE: 1) BLDG. WIDTH IS MEASURED PERPENDICULAR TO THE RIDGE. FOR WIDTH BETWEEN THOSE SHOWN, SPANS ARE PERMITTED TO BE INTERPOLATED.
2) ALL HEADERS SHALL HAVE SOLID BLOCKING.

JACK STUD REQ.-EXP. B FOR EXT. LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (ft.)	HEADER WIDTH	
		3" 4.5" 5" 6.5"	JACK STUDS REQ
2	1	1	1
4	1	1	1
6	1	1	1
8	1	1	1
10	1	1	1
12	1	1	1
14	1	1	1
2	1	1	1
4	1	1	1
6	1	1	1
8	1	1	1
10	1	1	1
12	1	1	1
14	1	1	1
16	1	1	1

NOTE: ALL HEADERS SHALL HAVE SOLID BLOCKING



#	DESCRIPTION	DATE

JOSH BEASLEY ADDITION
3245 WILLIAM TELL ST.
SLIDELL, LA 70455

JOB No: DATE: 08-29-2013
DRAWN BY: CKD CHECKED BY: CKD

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