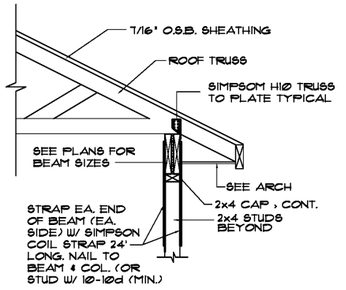
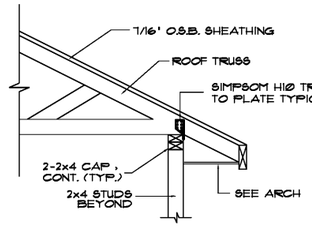


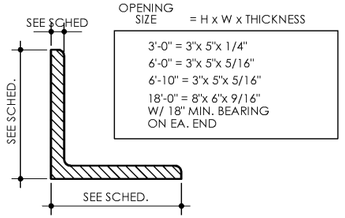
11 TRUSS TO BEAM CONNECTION

N.T.S.



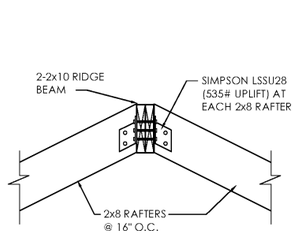
12 TYPICAL CONNECTION

N.T.S.



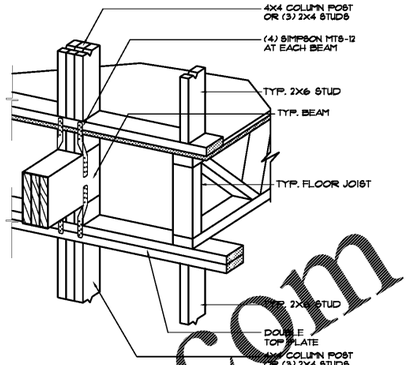
13 BRICK LINTEL SIZES

N.T.S.



14 2x8 JOIST • RIDGE BEAM

SCALE: 1"=1'-0"

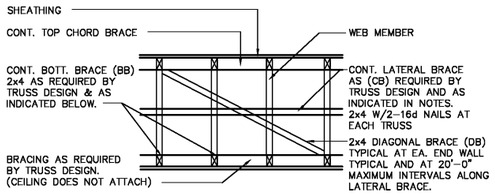


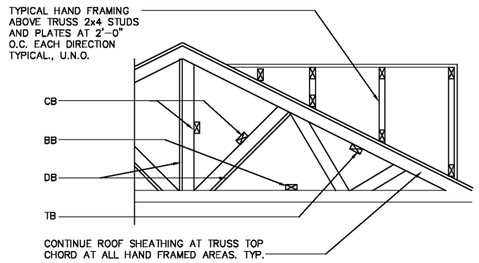
15 BEAM TO POINT LOAD CONNECTION AT INTERIOR CONDITION

N.T.S.

MODEL No.	ONE PLY TRUSS ALLOWABLE UPLIFT LOADS	TWO PLY TRUSS ALLOWABLE UPLIFT LOADS	THREE PLY TRUSS ALLOWABLE UPLIFT LOADS
LTT19	1155	1250	1250
FASTNERS	16–10d x 1 1/2"	16–16d x 2 1/2"	16 – 16d
HTT5	3465	4320	4320
FASTNERS	48–10d x 1 1/2"	48–16d x 2 1/2"	48 – 16d

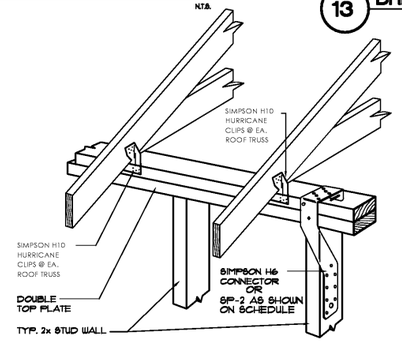
GENERAL NOTE: ALL CONNECTORS ARE SIMPSON MFG. OR EQUIVALENT MFG.





16 TYP. ROOF TRUSS BRACING

N.T.S.



17 STUD TO TOP PLATE

N.T.S.

GENERAL NOTES

LOAD PATH SHALL BE CONTINUOUS FROM BRG. TO FOUNDATION, INSTALL PROPER HARDWARE TO TRANSFER LOADS TO FOUNDATION

INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND PER ALL APPLICABLE CODES

VERIFY UPLIFT CALCULATIONS WITH TRUSS MFG.'S SIGNED AND SEALED DRAWINGS

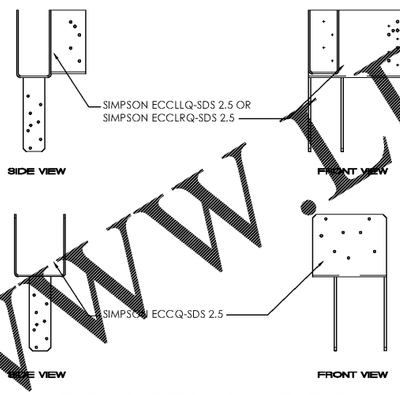
DETAILS ARE INTENDED TO SHOW GENERAL APPLICATIONS, ALTERNATE HARDWARE IS ACCEPTABLE PROVIDED IT MEETS OR EXCEEDS UPLIFT AND/OR GENERAL STRUCTURAL REQ.

STUD SCHEDULE

NON-BEARING WALLS		4 STORY BEARING			1 STORY BEARING
4TH FLOOR	2x4 @ 16" O.C.	4TH FLOOR	2x4 @ 16" O.C.		
3RD FLOOR	2x4 @ 16" O.C.	3RD FLOOR	2x4 @ 16" O.C.		
2ND FLOOR	2x4 @ 16" O.C.	2ND FLOOR	2-2X4, 2-2X6, OR 3X4 @ 12" O.C.		
1ST FLOOR	2x4 @ 16" O.C.	1ST FLOOR	2-2X4, 2-2X6, OR 3X4 @ 12" O.C.		2x4 @ 16" O.C.

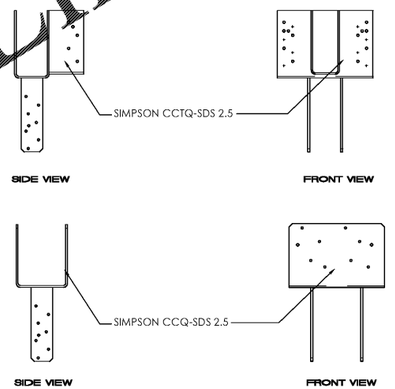
FOR WALLS UP TO 10'-0" USE: 2x4'S
FOR WALLS UP TO 12'-0" USE: 2x6'S
FOR WALLS UP TO 16'-0" USE: (2) 2x8'S
FOR WALLS UP TO 20'-0" USE: (2) 2x12'S

1. ALL LOAD BEARING STUDS SHALL BE No. 2 SOUTHERN PINE OR BETTER.
2. ALL BASE PLATE MATERIAL MUST BE #2 SOUTHERN PINE PRESSURE TREATED.



18 END CONDITION CONNECTOR FOR WOOD COLUMNS AT BALCONY

SCALE: 3/4" = 1'-0"

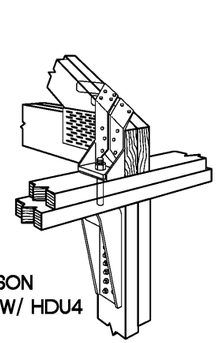


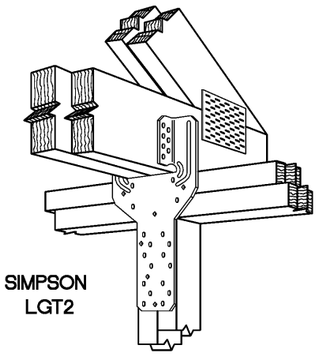
19 INT. CONDITION CONNECTOR FOR WOOD COLUMNS AT BALCONY

SCALE: 3/4" = 1'-0"

HEAVY GIRDER TIEDOWNS

MODEL NUMBER	WIDTH	FASTENERS ANCHOR DIA. CONC.	FASTENERS ANCHOR DIA. WOOD	FASTENERS GIRDER	AVG ULT	DOUG-FIR-LARCH/ SO.PINE ALLOWABLE LOADS (133/160)	SPRUCE-PINE-FIR ALLOWABLE LOADS (133/160)
LGT2	3 1/8	----	16-16d SINKER	14-16d SINKER	6342	2050	1785
MGT	3 3/4	5/8	------	22-10d	13005	3965	3330

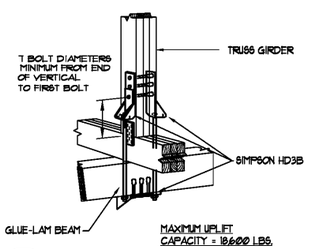




GIRDER TIEDOWNS

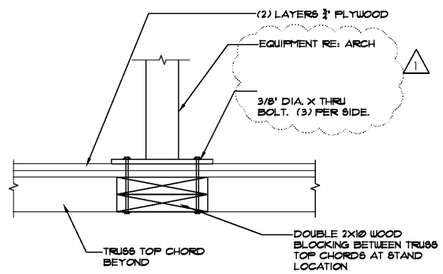
22 TRUSS GIRDER TIEDOWN

N.T.S.



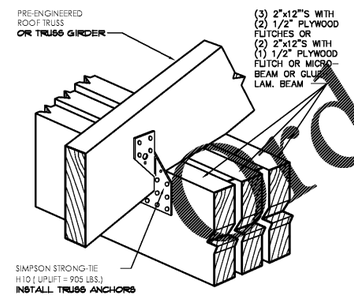
21 TRUSS GIRDER

N.T.S.



23 HVAC SKID ANCHOR DETAIL

SCALE: 3"=1'-0"



20 ROOF TRUSS TO BEAM

N.T.S.

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TYPICAL DETAILS

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reviewed by: NHJ
file: 3789SDT-3
issue history:
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REV1-07-03-2019

SDT-3

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