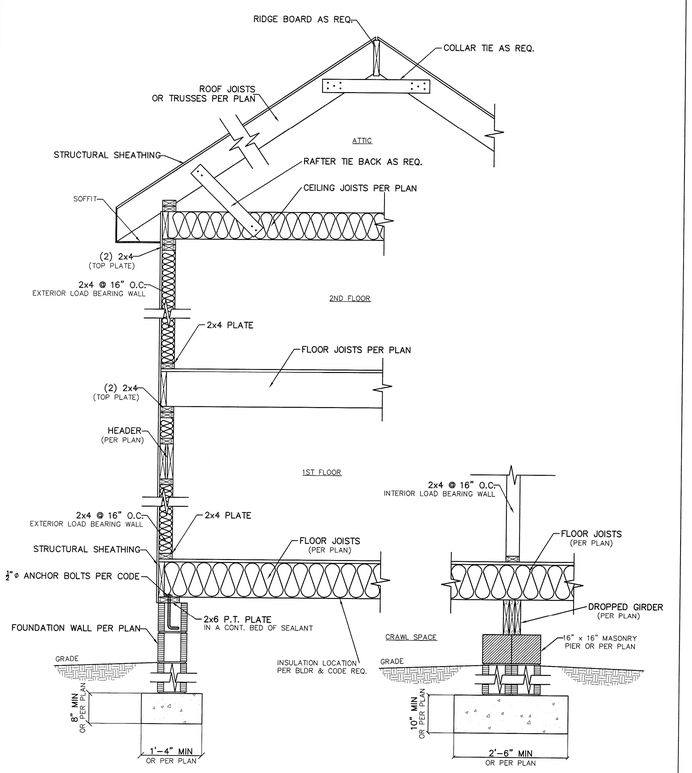
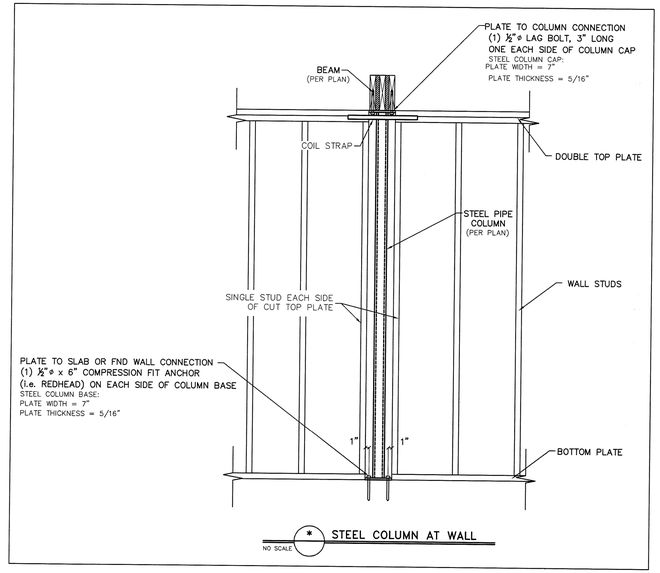
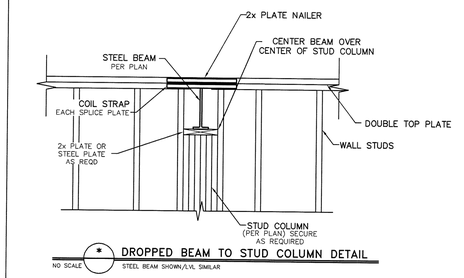


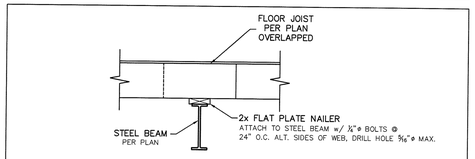
* TWO-STORY ON CRAWL
NO SCALE — TYPICAL WALL DETAIL



* STEEL COLUMN AT WALL
NO SCALE

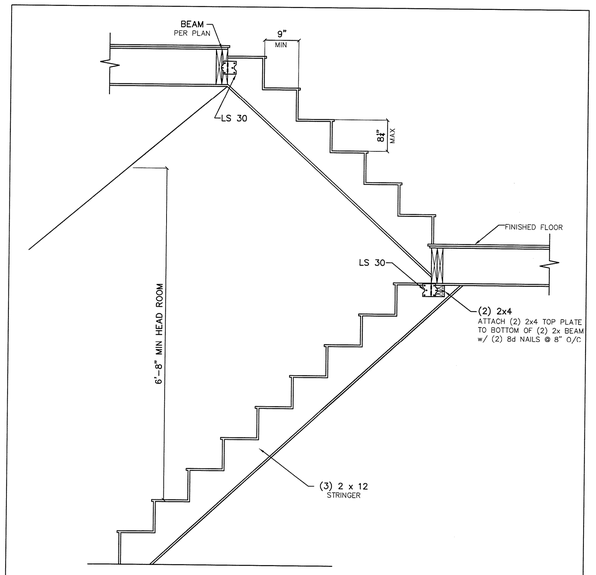


* DROPPED BEAM TO STUD COLUMN DETAIL
NO SCALE — STEEL BEAM SHOWN/LVL SIMILAR



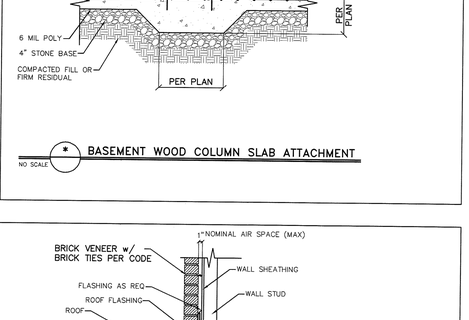
* DROPPED BEAM LATERAL BRACING DETAIL
NO SCALE — STEEL BEAM SHOWN/LVL SIMILAR

HARDWARE CROSS-REFERENCE CHART	
SIMPSON STRONG-TIE	USP STRUCTURAL CONNECTORS
PRODUCT NUMBER	PRODUCT NUMBER
A35	MPA1
ABE	PAE
CBSQ	CBSQ
CCQ	KCCQ
CMSTC16	CMSTC16
CS	RS
H1	RT15
H2.5A	RT7A
H10	RT16
HDQ8-SDS3	UPHD8
HDU2-SDS2.5	PHD2
HDU5-SDS2.5	PHD5
HETA	HTA
HGAM10KTA	HGAM
HHDQ14-SDS2.5	UPHD14
HTS	HTW
HTT	HTT
HUS	HUS
LTA1	LPTA
LTHJA26	HJC26
LTP4	MP4F
LUS	JUS
MAS	FA3
MSTAM	MSTAM
PC	PCM
PHD-SDS3	PHD
SSP	RSPT6
STC	TR1
STHD	STAD

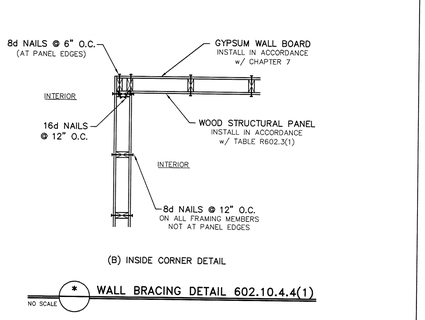


HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT WITH FOUR OR MORE RISERS. HANDRAIL HEIGHT MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING, OR FINISH SURFACE OF RAMP SLOPE, SHALL NOT BE LESS THAN 30 INCHES AND NOT MORE THAN 38 INCHES.

* TYPICAL STAIRWAY DETAIL
NO SCALE



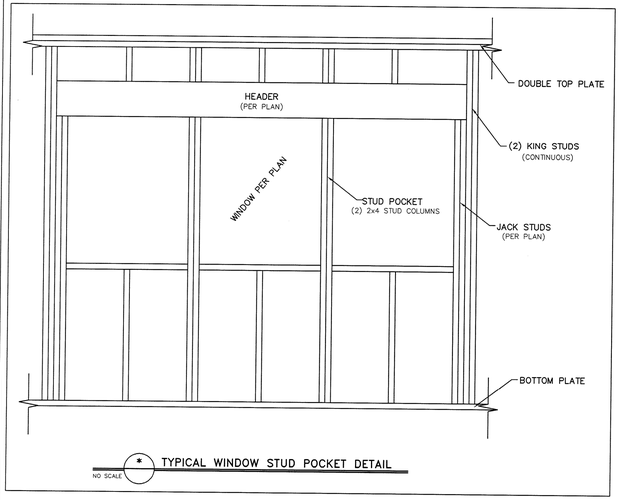
* BASEMENT WOOD COLUMN SLAB ATTACHMENT
NO SCALE



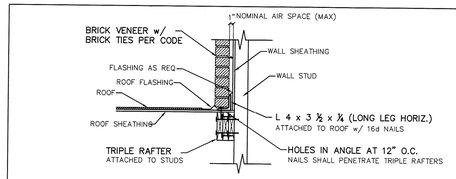
(A) OUTSIDE CORNER DETAIL

(B) INSIDE CORNER DETAIL

* WALL BRACING DETAIL 602.10.4.4(1)
NO SCALE



* TYPICAL WINDOW STUD POCKET DETAIL
NO SCALE

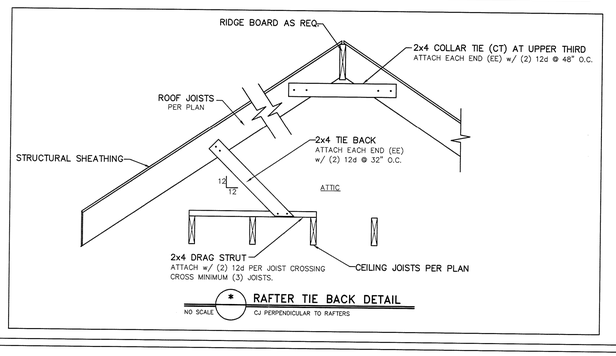


ALLOWABLE SPANS FOR LINTELS SUPPORTING MASONRY VENEER

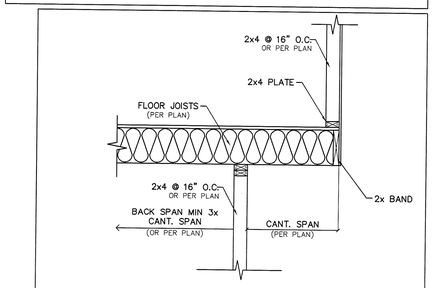
SIZE OF ANGLE[1,3]	MAXIMUM SPAN[2,4]
L 3 ½ x 3 ½ x ¼	6'-0"
L 5 x 3 ½ x 5/16	10'-0"

1. LONG LEG OF THE ANGLE SHALL BE PLACED IN A VERTICAL POSITION.
2. SPANS OVER 4'-0" SHALL BE SHORED UNTIL CURED.
3. STEEL MEMBERS INDICATED ARE ADEQUATE TYPICAL EXAMPLES. OTHER STEEL MEMBERS INCLUDING LIGHT GAGE STEEL MEETING STRUCTURAL DESIGN REQUIREMENTS MAY BE USED.
4. SPANS OVER 10'-0" SHALL BE DESIGNED IN ACCORDANCE WITH APPROVED STANDARDS.

* MASONRY VENEER SUPPORT FIG 703.7.2.2
NO SCALE



* RAFTER TIE BACK DETAIL
NO SCALE — CJ PERPENDICULAR TO RAFTERS



* CANTILEVER FLOOR JOIST DETAIL
NO SCALE

- Engineers seal does not include construction means, methods, techniques, sequences, procedures or safety precaution.
- Any deviations or discrepancies on plans are to be brought to the immediate attention of Tyndall Engineering & Design, P.A. Failure to do so will void Tyndall Engineering & Design, P.A.'s liability.
- Please review these documents carefully. Tyndall Engineering & Design, P.A. will interpret that all dimensions, recommendations etc. presented in these documents were deemed acceptable once construction begins.

NORTH CAROLINA PROFESSIONAL SEAL ENGINEER PRENTICE A. TYNDALL, JR. 4/9/12

TYNDALL ENGINEERING & DESIGN, P.A.
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C-1737 • Licensed in North Carolina • 27592
69 Shipwash Drive • Clayton, North Carolina 27520
www.tyndallengineering.com

Client: JEEF & LYNN POLSTON
1707 FARM LAKE DRIVE
HOLLY SPRINGS, NC 27540

Plan: POLSTON RESIDENCE
VUNCANNON DESIGNS

STANDARD DETAILS

Project #: 1201-010129
Date: 04/09/12
Drawn/Design By: AWL
DWG. Checked By: PAT
Scale: NOT TO SCALE

REVISIONS

No.	Date:	Remarks
1		
2		
3		
4		

Sheet Number
D2
of 2

FILENAME: \\MAIN\DATA_RESIDENTIAL ENGINEERING\2012 STRUCTURAL PROJECTS\1201-010129 VUNCANNON DESIGN - POLSTON\CAD DETAILS 2-09-12.DWG SAVED BY: TYNDALL ENGINEERING LAST PLOT DATE=4/9/2012 2:13 PM