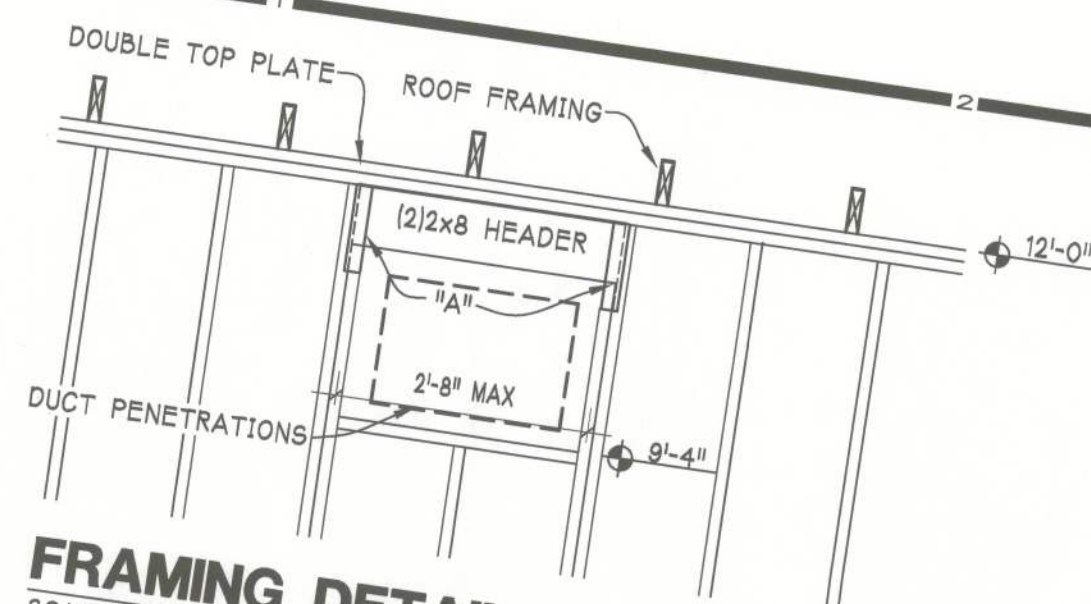
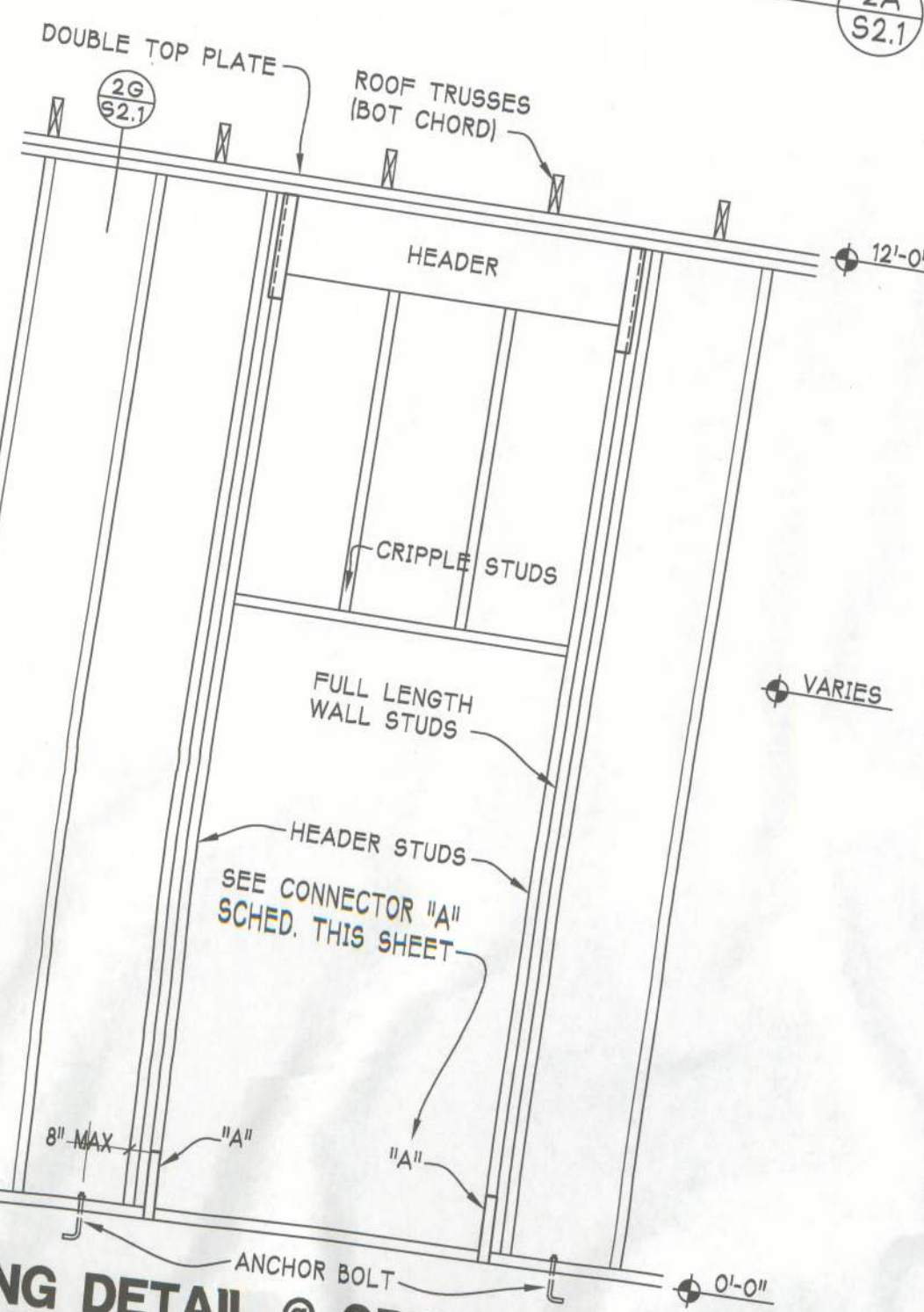




FRAMING DETAIL @ DUCT PENT
SCALE: 1/2" = 1'-0"



FRAMING DETAIL @ OPENING
SCALE: 1/2" = 1'-0"

DENOTED TYPE

H1 = 2 PLY LVL 1 3/4" x 14"
H2 = 2 PLY LVL 1 3/4" x 11"
H3 = (2) 2x12

SUBJECT TO REVISION
BY THE ENGINEER AFTER
REVIEW OF ENGINEERING
FROM TRUSS MFR.

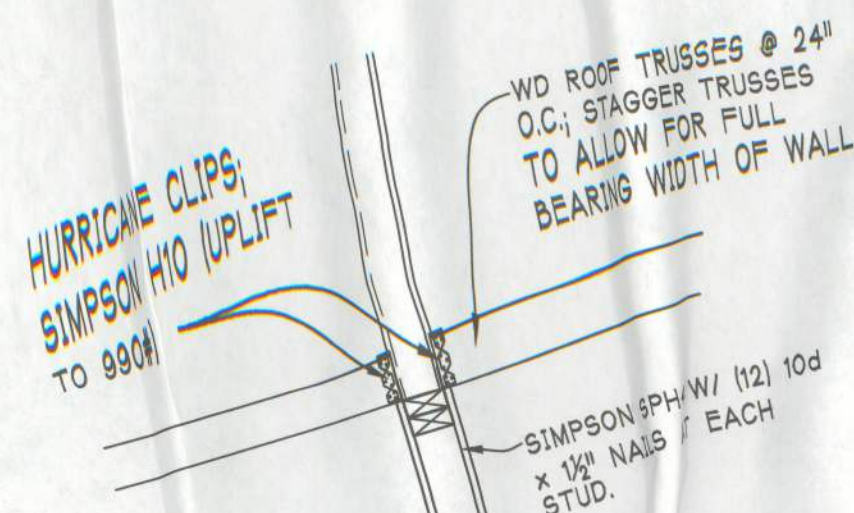
NOTE: AT LVL USE (4) 2x4 STUDS NAILED TOGETHER W/ 2 ROWS OF 10d
NAILS AT 6" O.C. FOR EACH PLY. ALSO FOR EACH BUILT-UP COL., INSTALL
AN HT22 ANCHOR W/ A 6"x8" THREADED ROD SET INTO EPOXY.

HEADER HOLDDOWNS

UNSUPPORTED WALL HEIGHT	STUD SPACING	MAXIMUM HEADER SPAN (FT.)					
		3'	6'	9'	12'	15'	18'
10' OR LESS	12 IN.	1	1	2	2	3	3
	16 IN.	1	1	2	2	3	3
	24 IN.	1	1	2	2	3	3
GREAT THAN	12 IN.	2	2	3	3	4	5
	16 IN.	2	2	3	3	4	4
	24 IN.	1	2	2	2	3	3

CONNECTOR "A" SCHEDULE

(BY SIMN)	TOP	BOTTOM	ANCHOR BOLTS
OVER 9'-0" & OVER	(2) MSTA21	(2) SPH4	1 EA. END
	(1) MSTA21	(1) SPH4	1 EA. END



BEARING WALL SECTION AT ROOF
SCALE: 3/4" = 1'-0"



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

STRUCTURAL NOTES:

Wind resistance of the referenced building has been designed using a wind speed of 100 mph as required by Section 1609, 2007 Florida Building Code.

ROOF SHEATHING: 5/8" Plywood installed without blocking. Use 8d common or 10-1/4 gage x 2" minimum length power nails at 6" o.c. at sheet edges and 6" o.c. in the sheet field. The roof acts as a structural diaphragm.

HURRICANE CLIPS: Subject to revision by the engineer after review of engineering from truss manufacturer. All connectors by Simpson & sized as follows:

Truss w/uplift up to (1610#): HETA16 with (9) 10d x 1-1/2" nails (One ply) or (8) 16d common nails (2 or 3 ply).

(2035#): (1 ply truss) (2) HETA16 with (10) 10d x 1-1/2" nails each.

(2500#): (2 or 3 ply truss) (2) HETA16 with (12) 16d common nails each.

(3965#): MGT with (22) 10d common nails to girder & 5/8" all thread rod set 12" into CMU w/epoxy.

(10,530#): (2 or 3 ply girder) HG72 or HG73 with (16) 10d common nails & (2) 3/4" all thread rods set 12" into CMU w/epoxy.

(9,250#): (4 ply girder) HG74 with (16) 10d common nails & (2) 3/4" all thread rods set 12" into CMU w/epoxy.

(7,000#): (5 or 6 ply girder) HG73. Cut hardware & widen by welding in 1/4" plate to extend width.

CONCRETE: All concrete and masonry wall grout shall have a 28 day compressive strength of 3000 psi. Grout shall have a slump of 8" to 10".

REINFORCING STEEL: Grade 60 bars. All lap splices to be a minimum of 48 bar diameters. Unless otherwise noted, vertical reinforcing in walls is #5 bars in 8" CMU at 4'-0" o.c. maximum spacing. Place bar adjacent to all door and window jams, and all corners and ends of walls. Locate masonry bond beams as shown on the drawings. All hooks, splices, and bends to be in accordance with ACI 318 minimum criteria.

JOINT REINFORCING: See Specifications.

Note: 10-1/4 GAGE POWER NAILS HAVE A DIAMETER OF 0.131"

REINFORCEMENT NOTES:

1. Reinforcement steel shall be Grade 60 for #3 and larger in accordance with ASTM A-615, current edition.
2. Reinforcement steel shall be bent, lapped and spliced in accordance with ACI standard details and specifications.
3. Where reinforced concrete beams, tie beams, continuous footings or thickened slab edges intersect, provide corner bars to lap outside steel 30 bar diameters.
4. Slabs shall be reinforced with fibers, see spec.
5. For reinforced concrete masonry, splice horizontal and vertical reinforcement with 48 bar diameter lap.

ROOF FRAMING NOTES:

A. TRUSS SUPPLIER MAY PROPOSE ALTERNATE FRAMING PLAN FOR REVIEW BY STRUCTURAL ENGINEER.

B. PROVIDE CODE REQUIRED SEPARATION BETWEEN THE TOPS OF MASONRY WALLS AND WOOD TRUSSES/OUTRIGGERS.

FLORIDA BUILDING CODE 2007 SECTION 1603.14 INFORMATION

- (1) BASIC WIND SPEED = 100 MPH
- (2) I = 1.15
- (3) BUILDING CATEGORY IV
- (4) EXPOSURE = B
- (5) INTERNAL PRESSURE COEFFICIENT = +/- 0.18 (ENCLOSED)
- (6) COMPONENT AND CLADDING PRESSURE
ZONE 4= 21.5 PSF
ZONE 5= 25.9 PSF



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THOMAS SPUTO, PH.D., P.E.
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DRAWN: GBV
CHECKED: BB
DATE: 02/07/2012
CAD: 3702060/CD
REVISIONS:

S2.1

Bid Documents



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A Touchstone Energy Cooperative

NEW DISTRICT OFFICE
1659 SW State Road 47 Lake City, Florida

WILLIAM W. BRAME
REGISTRATION # JF-0007024
CORP. LIC. NO. AA 0306071

ROOF FRAMING PLAN