

NOTE!:
REFER TO ENGINEERING FOR
SPECIFICATIONS AND CALCULATIONSS.

EXHIBIT "A"
PLAN: **GRANBURY**
CUSTOMER NAME:
MR. & MRS. LOUIS MUNOZ
HEATED LIVING AREA

GROUND FLOOR: **1496**
SECOND FLOOR: **N/A**
OTHER: **N/A**
TOTAL HEATED: **1496**

**NON-HEATED
LIVING AREA**

PORCH: **132**
GARAGE: **400**
OTHER: **N/A**
TOTAL U/R **2028**

**IMPORTANT-PLEASE READ
BELOW CAREFULLY**

OUR SALES BROCHURES AND OTHER ADVERTISING LITERATURE ARE INTENDED TO GENERALLY REFLECT AND DEPICT THE STYLES AND QUALITY OF HOMES WE BUILD THROUGHOUT A PORTION OF THE UNITED STATES. OUR SALES MODELS ARE DESIGNED AND BUILT TO GENERALLY CONFORM WITH A VARIETY OF LOCAL CUSTOMS, PRACTICES, AND BUILDING CODES PREVALENT OR IN EFFECT IN THE IMMEDIATE AREA SURROUNDING THE LOCATION OF THOSE MODELS. THIS SET OF PLANS IS AN ACTUAL PART OF OUR CONTRACT WITH YOU AND, AS SUCH, IS INTENDED TO TAKE PRIORITY OVER ANYTHING IN CONFLICT WITH IT CONTAINED IN OUR ADVERTISING LITERATURE, OUR SALES MODELS AND EVEN OUR ORAL SALES PRESENTATION. NO CHANGING, MODIFICATION, OR REVISION OF THESE PRINTED PLANS SHALL BE BINDING ON THE PARTIES UNLESS SET FORTH ON THESE PLANS OR OTHERWISE REDUCED TO WRITING AND EXECUTED BY SAID PARTIES. PLEASE REVIEW THESE PLANS ALONG WITH "EXHIBIT B" OF YOUR CONTRACT CAREFULLY AND MAKE CERTAIN BEFORE YOU SIGN THEM THAT THEY ACCURATELY REPRESENT THE HOME YOU ARE PURCHASING. ADDITIONALLY, PENNYWORTH HOMES INC. HEREBY RESERVES THE RIGHT TO SUBSTITUTE MATERIALS OF EQUIVALENT QUALITY AND/OR TECHNIQUES OF ASSEMBLY AND/OR CONSTRUCTION METHODS FROM THAT CONTAINED IN THESE PLANS OR SPECIFIED IN EXHIBIT "B" WHERE NECESSARY TO ACCOMMODATE DIFFERENCES IN LOCAL CODES, GEOGRAPHIC CUSTOMS, OPTION SELECTION AND AVAILABILITY OF MATERIALS. ALL MATERIALS (LUMBER, OR OTHER BUILDING SUPPLIES) DELIVERED TO JOBSITE WHICH ARE IN EXCESS OF THOSE REQUIRED TO CONSTRUCT THE HOUSE AS AGREED REMAIN THE PROPERTY OF PENNYWORTH HOMES INC.

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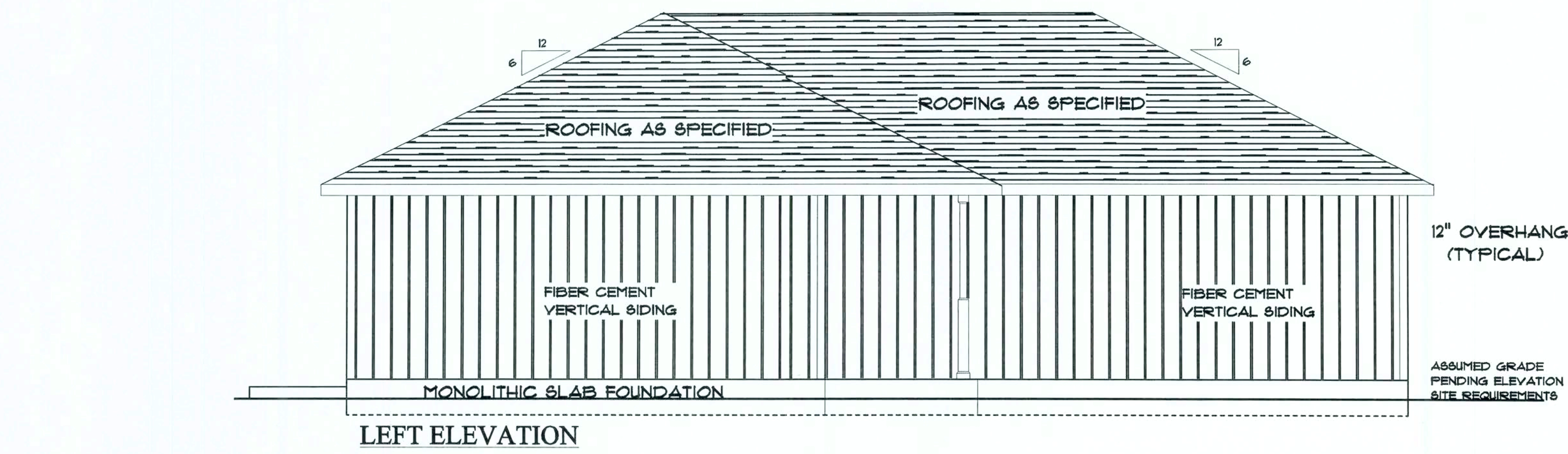
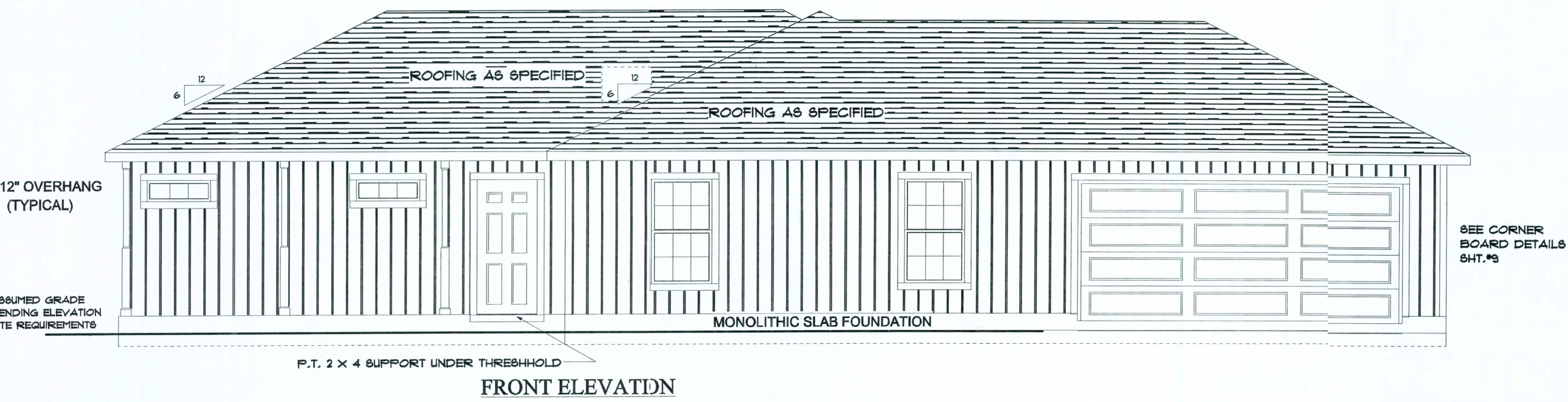
THIS PLAN REFLECTS THE DESIGN AS PER BUYERS' FINAL APPROVED SIGNED PLANS DATED 6/26/2006. CHANGES MADE TO REPLICATE ENGINEERS NOTES AND CALCULATIONS.

CONSTRUCTION PLANS

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

DRAWN BY:	PLAN DATE:	PAGE
BAA	July 27, 2006	1
JOB # 06-04-0053		OF 9

REV.#	REV. DATE:	DRAWN BY:	DISCRIPTION OF REVISION



OFF RIDGE VENTS ARE REQUIRED
DO NOT PLACE ON FRONT OF HOUSE

ALLOW FOR 24" BETWEEN OFF RIDGE VENTS

12" OVERHANG
(TYPICAL)

SEE CORNER
BOARD DETAILS
SHT.#3

ASSUMED GRADE
PENDING ELEVATION
SITE REQUIREMENTS

MONOLITHIC SLAB FOUNDATION

4' X 8' X 4" CONCRETE PATIO
P.T. 2 X 4 SUPPORT UNDER THRESHHOLD

REAR ELEVATION

12" OVERHANG
(TYPICAL)

SEE CORNER
BOARD DETAILS
SHT.#3

ASSUMED GRADE
PENDING ELEVATION
SITE REQUIREMENTS

FIBER CEMENT
VERTICAL SIDING

MONOLITHIC SLAB FOUNDATION

RIGHT ELEVATION

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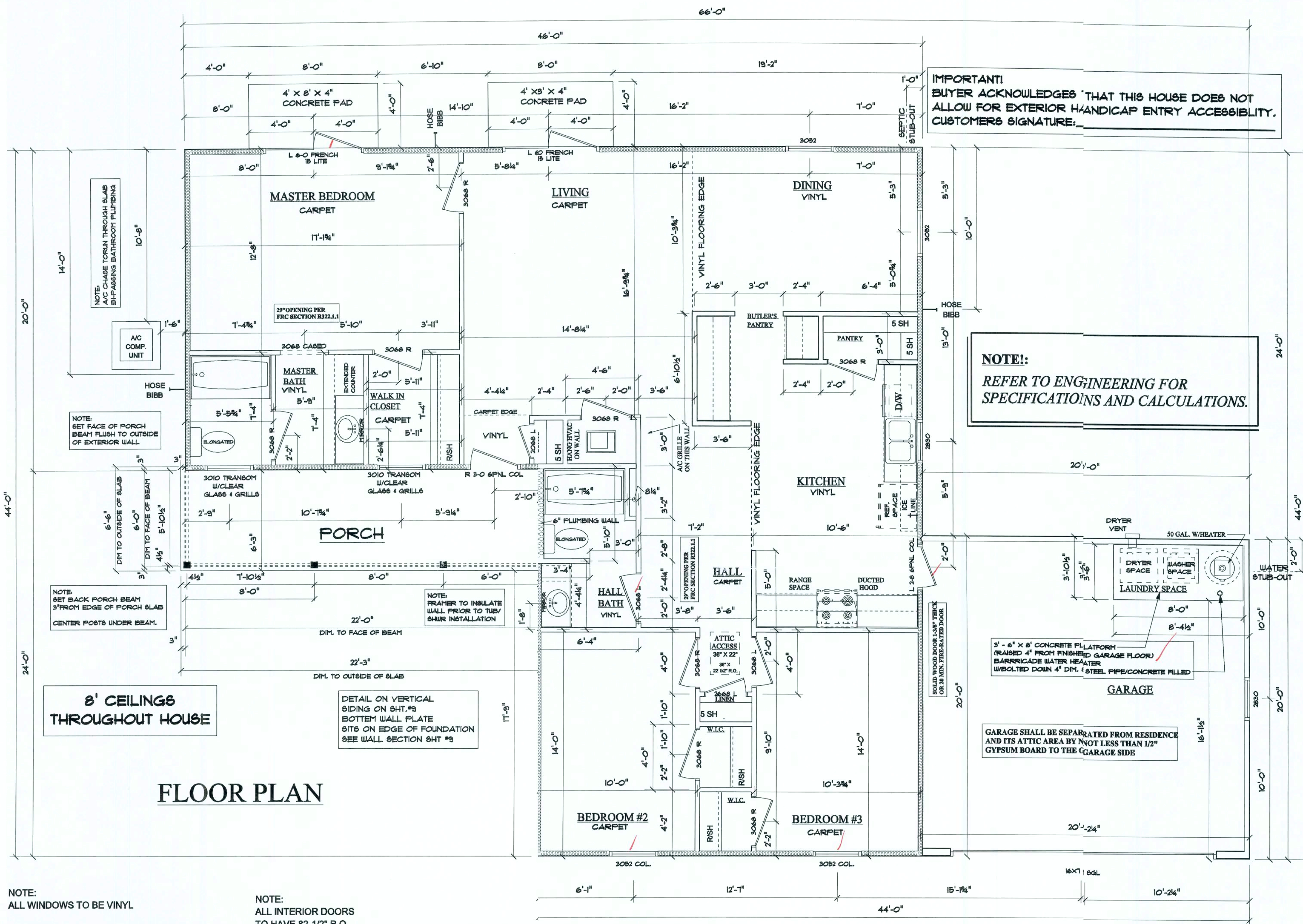
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DRAWN BY: **BAA** PLAN DATE: **July 27, 2006** PAGE: **3**
JOB # **06-04-0053** OF **9**



NOTE: ALL WINDOWS TO BE VINYL

NOTE: BUILDER IS TO CONFIRM ROUGH OPENINGS BEFORE FRAMING.

NOTE: ALL INTERIOR DOORS TO HAVE 82-1/2" R.O. HEIGHT FROM FINISHED FLOOR.

NOTE: ONE WINDOW IN EACH BEDROOM WILL SERVE AS AN EMERGENCY ESCAPE AND RESCUE OPENING

WINDOW SCHEDULE				
QTY	CALLOUT SIZE	MANUFACT.	SERIES	ROUGH OPENING
1	2830 OBS. TEMPERED	SILVERLINE	2900	34" X 38"
1	2830	SILVERLINE	2900	34" X 38"
3	3052	SILVERLINE	2900	38" X 64"
2	3052 TWIN COL.	SILVERLINE	2900	63" X 64"
1	3052 COL. TEMPERED	SILVERLINE	2900	38" X 64"

MULL TOGETHER (1) 3050 COL. TEMPERED "RIGHT FROM EXTERIOR VIEW AND (1) 3050 COL. TO FORM TWIN WINDOW UNIT IN LIVING ROOM (SEE FLOOR PLANS ON SHT.2)

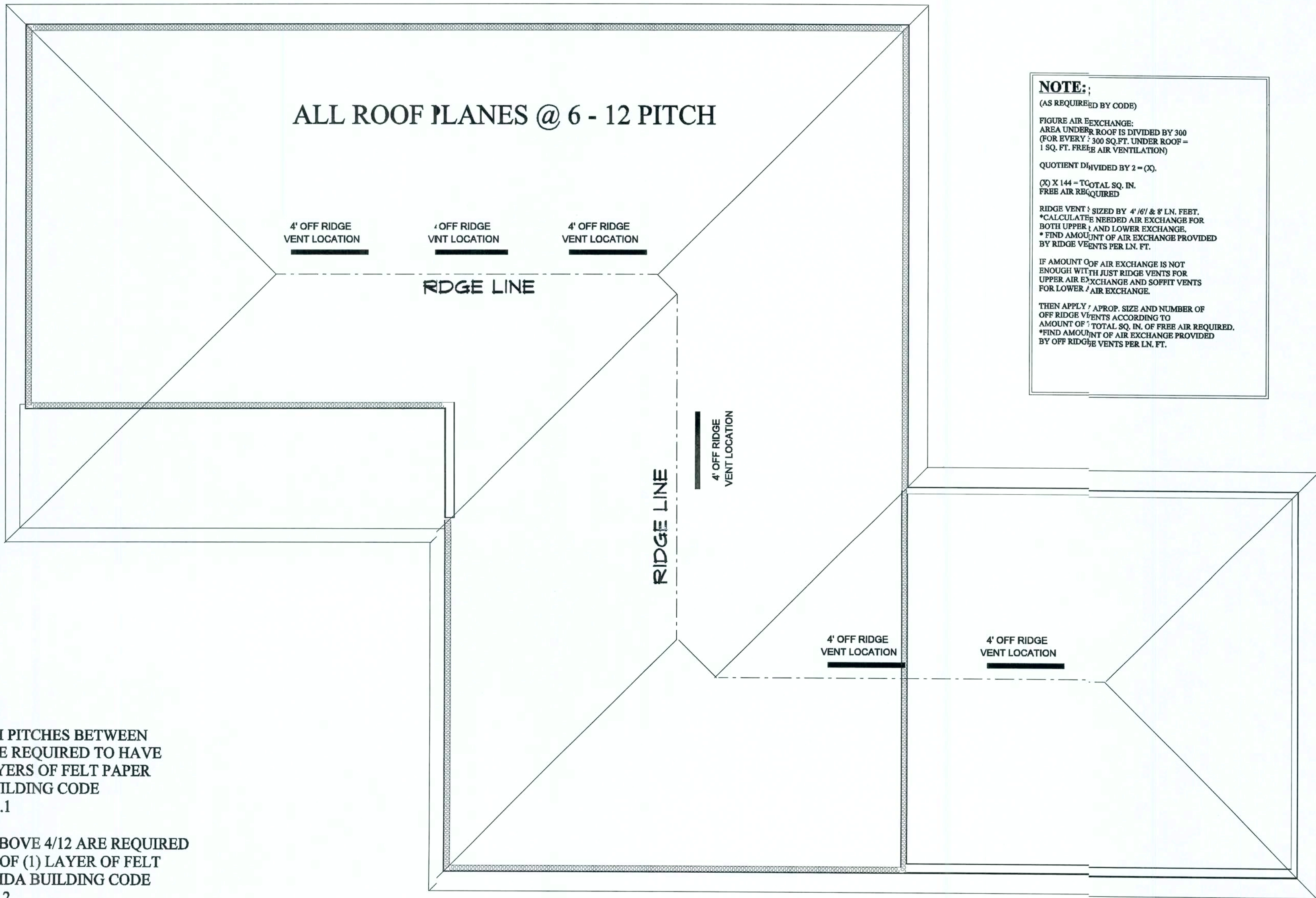
INT. DOOR SCHEDULE			MANUFACTURER
INTERIOR UNITS *MOULDED 5-PNL COL.**			
QTY	CALLOUT SIZE	ROUGH OPENING	
1	2088-L	28" X 82-1/2"	
1	2688-L	32" X 82-1/2"	
1	3068-L	38" X 82-1/2"	
9	3068-R	38" X 82-1/2"	
1	3068 CASD	38" X 82-1/2"	

EXT. DOOR SCHEDULE			MANUFACTURER
EXT. UNITS *IN6. FIBERGLASS COL.**			MASONITE
QTY	CALLOUT SIZE	MANUFACT. SERIES	ROUGH OPENING
1	R 3/0 6PNL.COL. (IN-SWING)	SMOOTH FIBERGLASS	38-1/2" X 82-1/2"
1	R 2/8 6PNL.COL. (OUT-SWING)	SMOOTH FIBERGLASS	34-1/2" X 82-1/2"

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DO NOT PLACE ON FRONT OF HOUSE

ALLOW FOR MIN. 24" BETWEEN OFF RIDGE VENTS



NOTE:

(AS REQUIRED BY CODE)

FIGURE AIR EXCHANGE:
AREA UNDER ROOF IS DIVIDED BY 300
(FOR EVERY 300 SQ. FT. UNDER ROOF =
1 SQ. FT. FREE AIR VENTILATION)

QUOTIENT DIVIDED BY 2 = (X).

(X) X 144 = TOTAL SQ. IN.
FREE AIR REQUIRED

RIDGE VENT SIZED BY 4' / 6' & 8' LN. FEET.
* CALCULATE NEEDED AIR EXCHANGE FOR
BOTH UPPER & LOWER EXCHANGE.
* FIND AMOUNT OF AIR EXCHANGE PROVIDED
BY RIDGE VENTS PER LN. FT.

IF AMOUNT OF AIR EXCHANGE IS NOT
ENOUGH WITH JUST RIDGE VENTS FOR
UPPER AIR EXCHANGE AND SOFFIT VENTS
FOR LOWER AIR EXCHANGE.

THEN APPLY A PROP. SIZE AND NUMBER OF
OFF RIDGE VENTS ACCORDING TO
AMOUNT OF TOTAL SQ. IN. OF FREE AIR REQUIRED.
* FIND AMOUNT OF AIR EXCHANGE PROVIDED
BY OFF RIDGE VENTS PER LN. FT.

ALL ROOFS WITH PITCHES BETWEEN
4/12 AND 2/12 ARE REQUIRED TO HAVE
A MIN. OF (2) LAYERS OF FELT PAPER
PER FLORIDA BUILDING CODE
SECTION 1507.3.8.1

ROOF PITCHES ABOVE 4/12 ARE REQUIRED
TO HAVE A MIN. OF (1) LAYER OF FELT
PAPER PER FLORIDA BUILDING CODE
SECTION 1507.3.8.2

12" OVERHANG
(TYPICAL)

ROOF LAYOUT PLAN

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BAA July 27, 2006 6

JOB # 06-04-0053

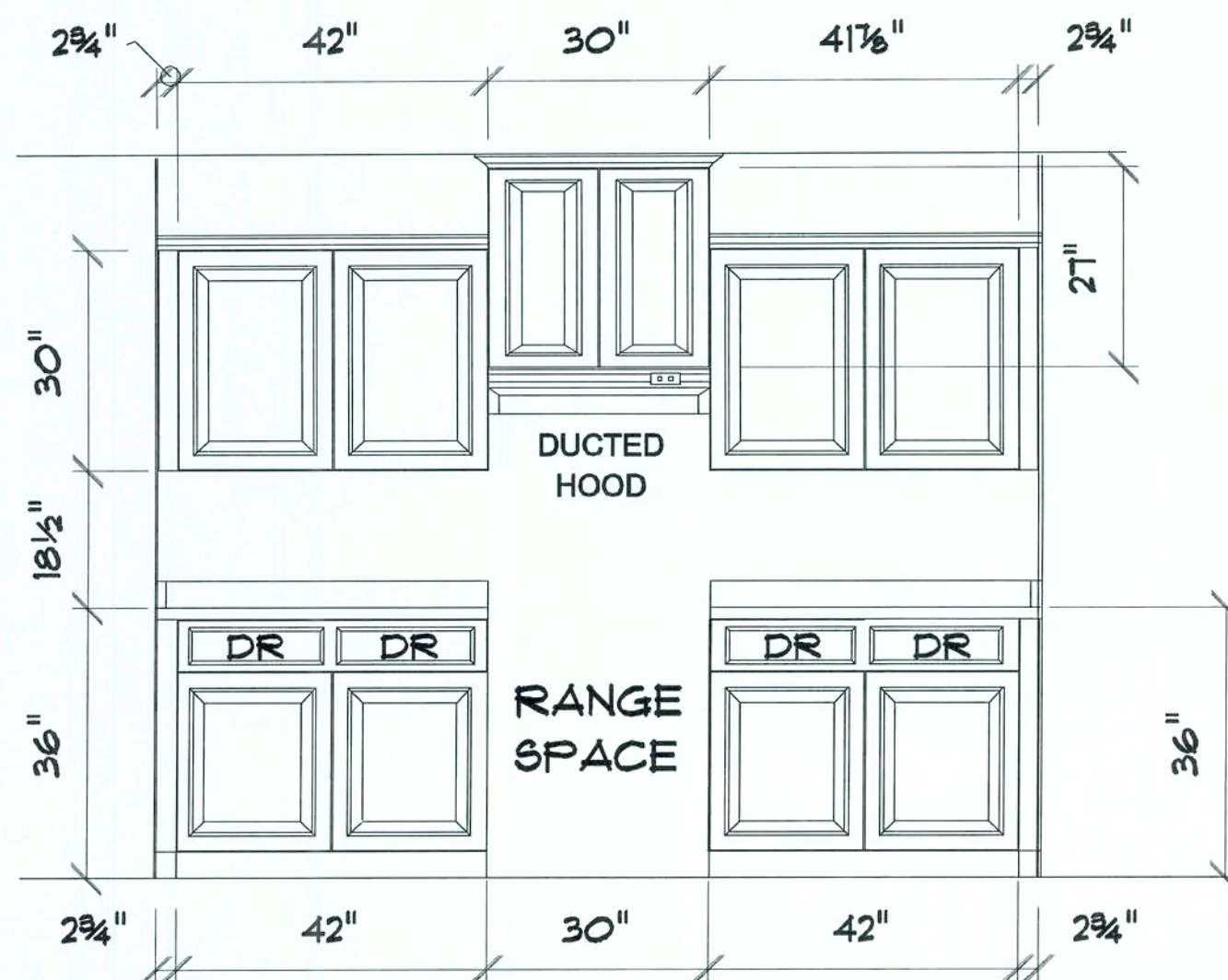
OF 9

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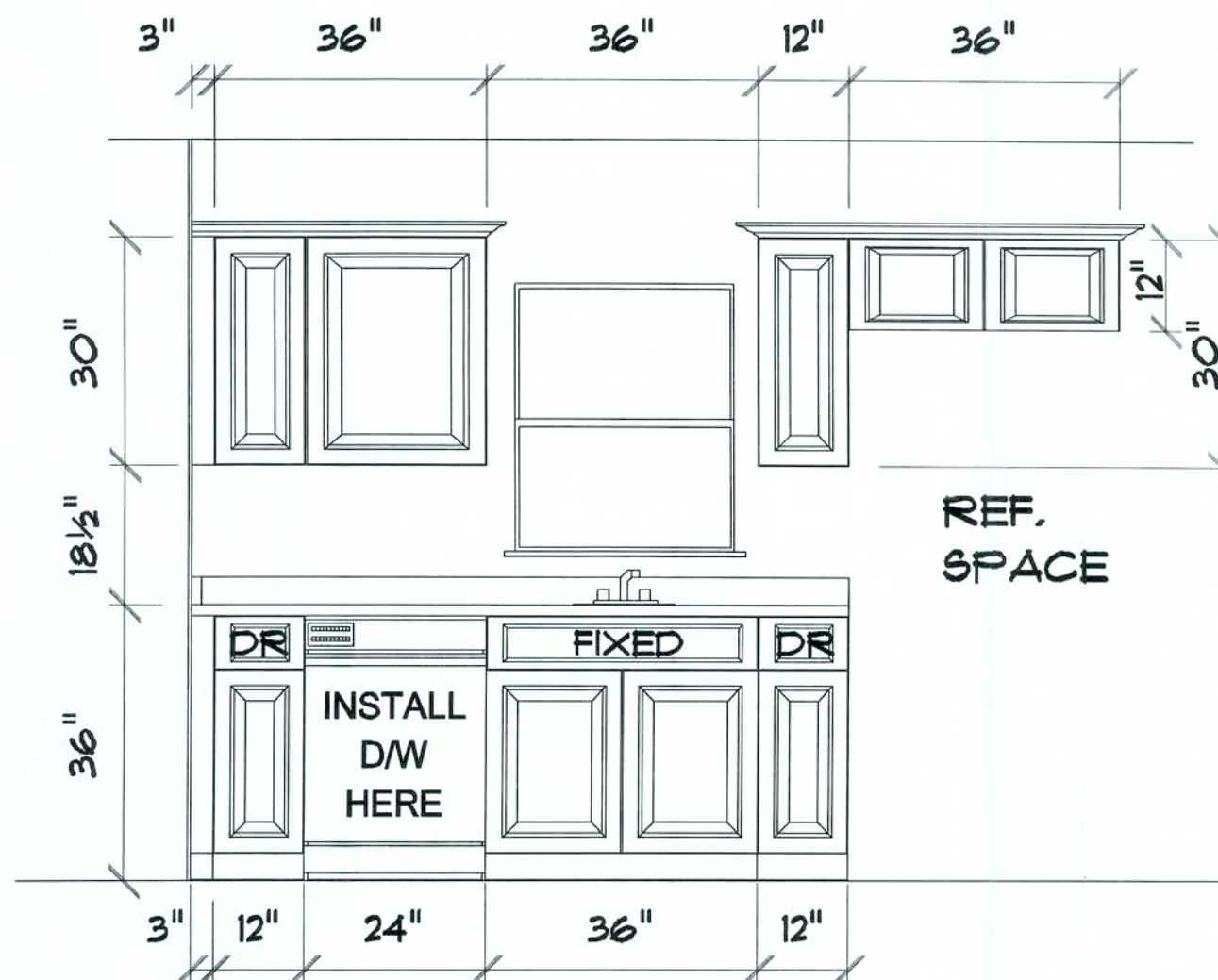
KITCHEN RANGE WALL

BUMPED UP DUCTED HOOD CABINET, ALLOW FOR CROWN MOULDING TO ALIGN FLUSH WITH CEILING.

INSTALL CROWN MOLDING AROUND TOP OF KITCHEN WALL CABINETS.



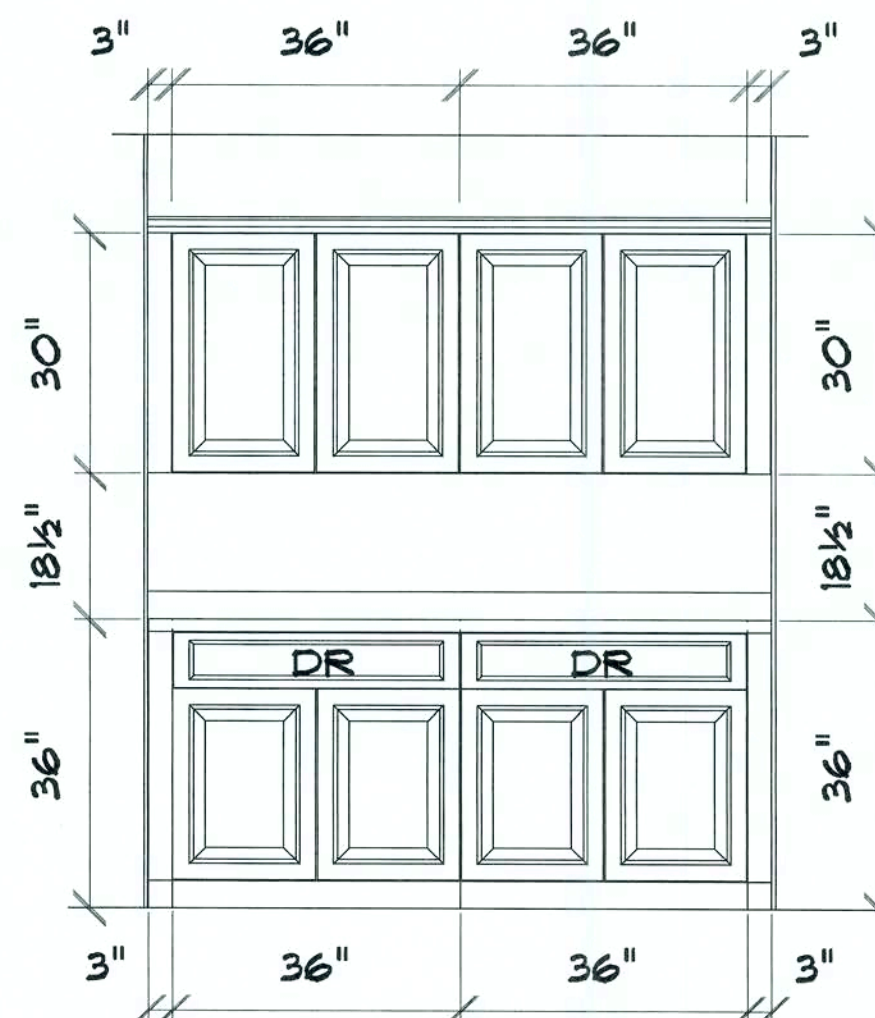
REFRIGERATOR WALL



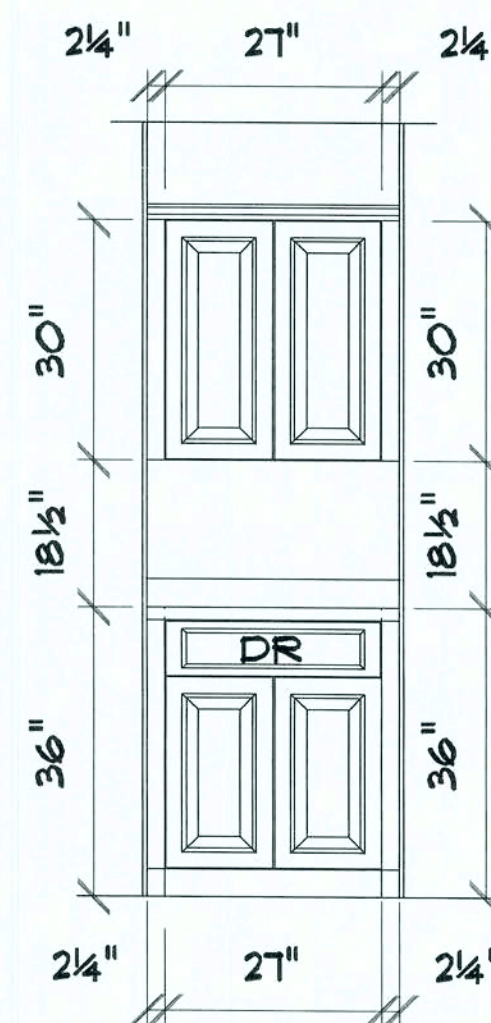
CABINETS ARE SYMBOLIC, ACTUAL UNITS MAY VARY IN STYLE TO BE DETERMINED BY BUYER.

KITCHEN CABINET ELEVATIONS

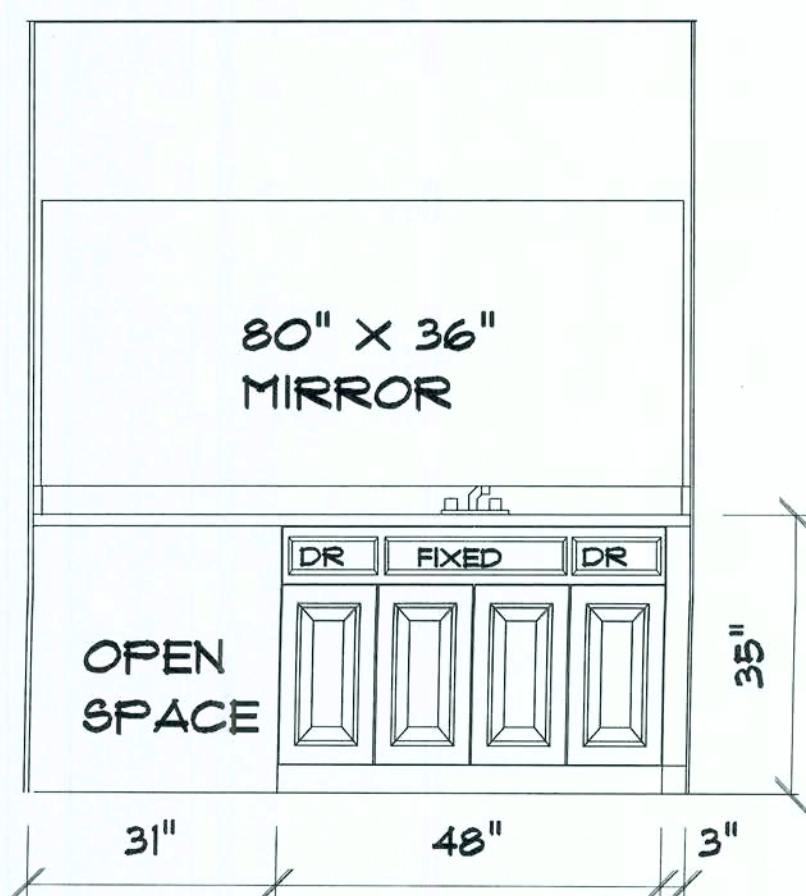
BUTLERS PANTRY



BUTLERS PANTRY



MASTER BATH



HALL BATH



BATHROOM VANITY ELEVATIONS

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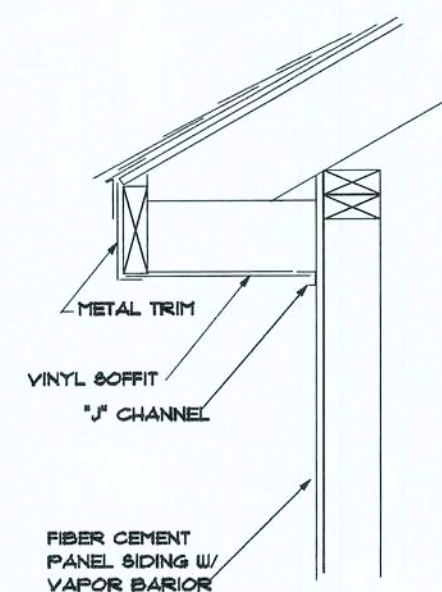
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DRAWN BY: BAA PLAN DATE: July 27, 2006 PAGE: 8

JOB # 06-04-0053 OF 9

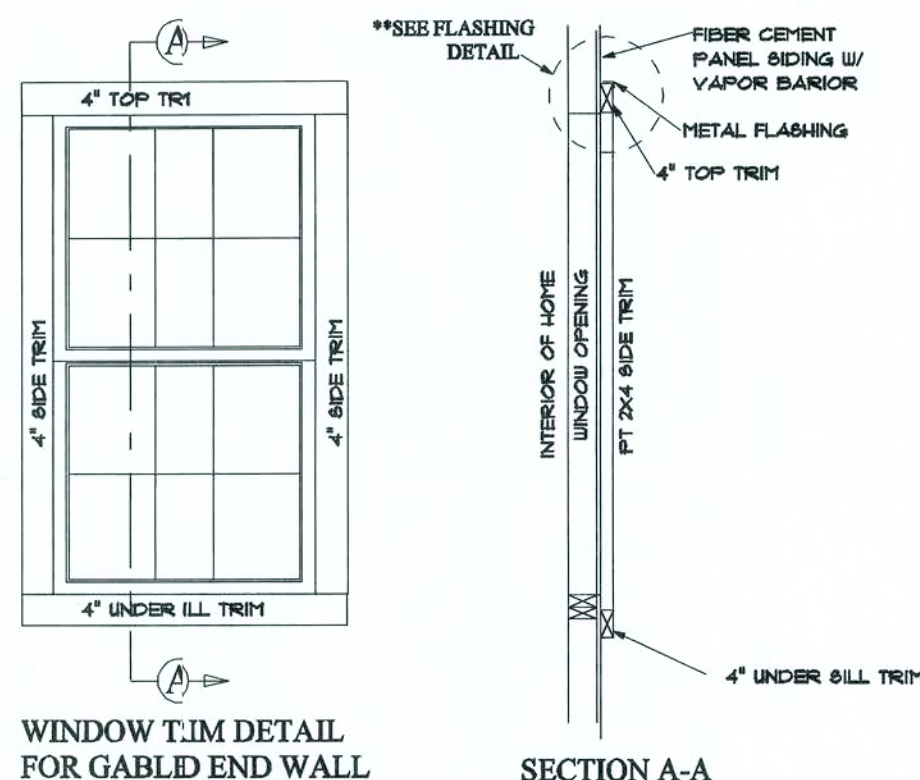
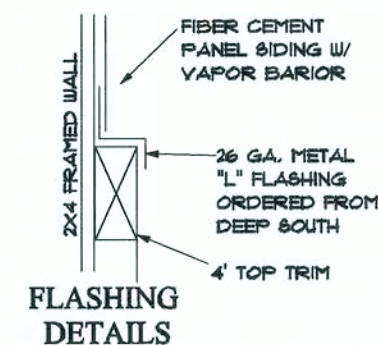
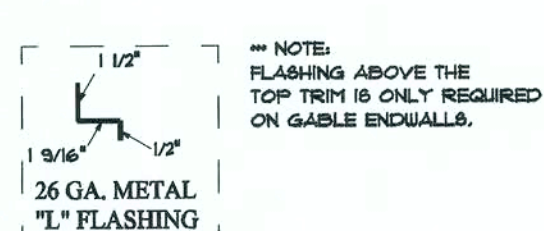
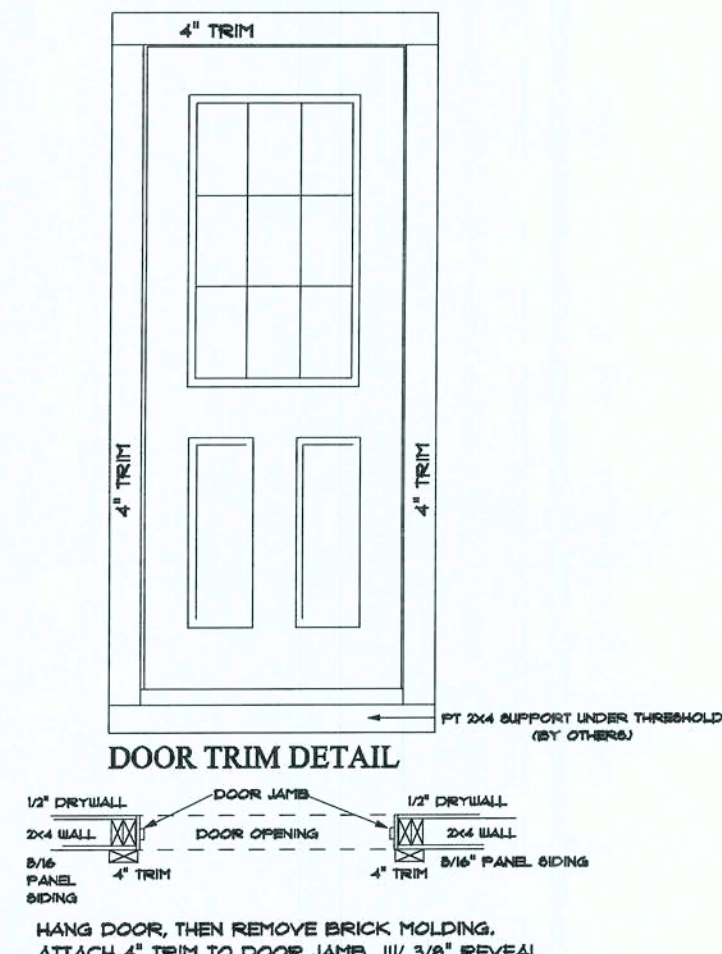
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DETAILS FOR TRIMMING OUT FIBER CEMENT PANEL SIDING



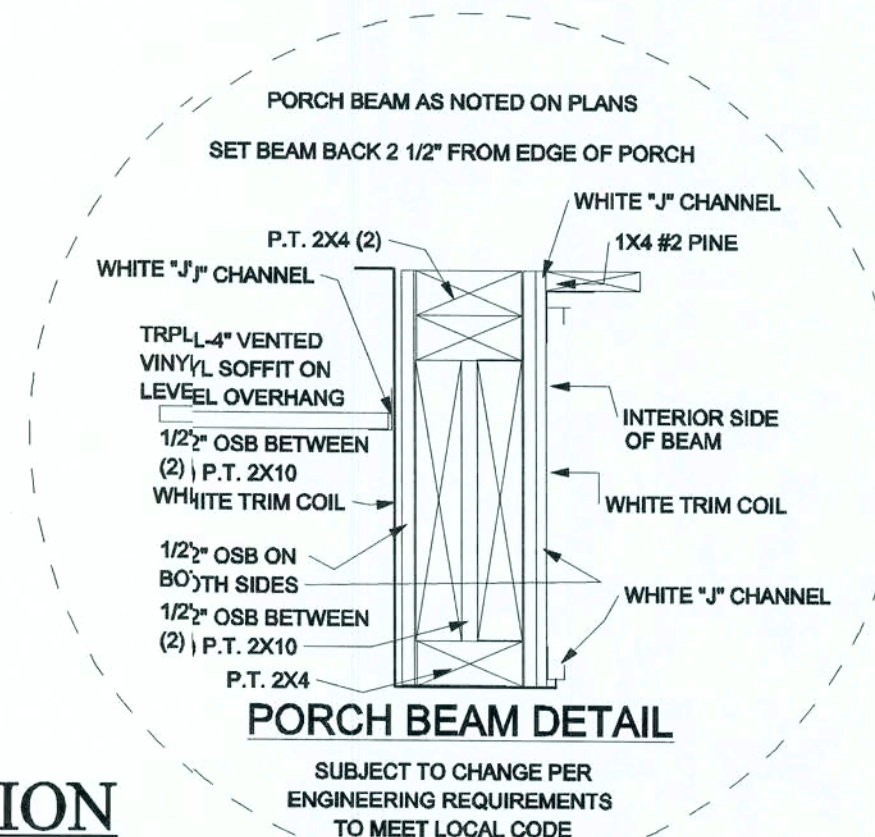
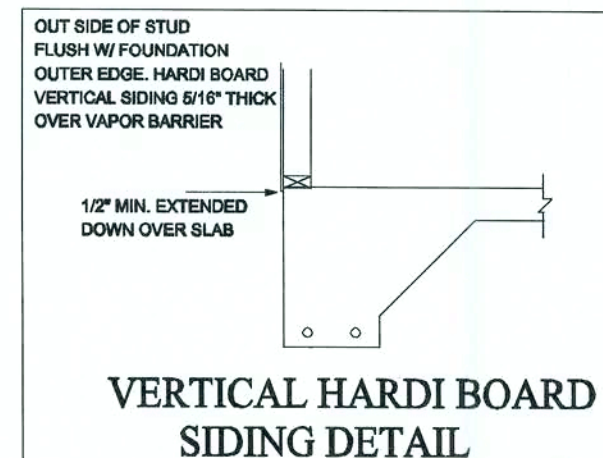
PANEL SIDING

NOTE:
FLASHING IS NOT REQUIRED ABOVE THE TOP TRIM OF DOORS ON GABLE END WALLS, DUE TO THE HIP JUST ABOVE THE DOOR.



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PENNYWORTH HOMES TYPICAL WALL SECTION FOR MONOLITHIC SLAB FLOOR SYSTEM

SET OUTSIDE EDGE
OF PORCH BEAM BACK
3" FROM EDGE OF PORCH SLAB

2X6 WRAPPED W/
ALUM. TRIM

PORCH HEADER
WRAPPED W/ FIBER
CEMENT SIDING.

VINYL SOFFITS VENTED
VINYL SOFFIT

SET CENTER OF
PORCH POST BACK 4-1/4"
FROM EDGE OF PORCH SLAB

SET POST SO THAT
BOTTOM SLEEVE
DOES NOT HANG
OVER SLAB.

POST BASE PER ENGINEERING
FOOTER AS PER ENG.
OR LOCAL CODE

REBAR ON ROD CHAIRS
(SEE PLANS)

HURRICANE CLIP @ EACH TRUSS

APPROVED
MANUFACTURED
TRUSSES
@ 24" O.C.

ALUMINUM WINDOW

4" COMPOSITE TRIM BOARD

VERT. PANEL FIBER CEMENT SIDING

HOUSE WRAP

3000# PSI CONC.
W/ FIBERMESH OR

6X6 10 GA. WELD WIRE

6MIL VAPOR BARRIER

FOOTER AS PER ENG.
OR LOCAL CODE

REBAR ON ROD CHAIRS
(SEE PLANS)

6MIL VAPOR BARRIER

FOOTER AS PER ENG.
OR LOCAL CODE

REBAR ON ROD CHAIRS
(SEE PLANS)

NOTE:
ALL METAL PRODUCTS USED ON
PRESSURE TREATED LUMBER
MUST BE HOT DIPPED GALVANIZED
TO PREVENT DETERIORATION.

R-30 BLOWN INSULATION

*R-30 F/G BLOWN INSULATION
PER SPECS LIVING AREA ONLY

*5/8" OR 1/2" CEILING BOARD TAPED & FINISHED

2- 2X4 TOP PLATE

2 X 4 STUDS @ 16" O.C.

*1/2" SHEETROCK TAPED & FINISHED

*R-13 KRAFT BACK INSULATION
LIVING AREA ONLY PER SPECS

2 X 4 BORATE BOTTOM PLATE

3-1/2" SILL SEAL

tie down system see engineering for locations

4" CONC. MONOLITHIC SLAB
W/10-GA 6X6 W.W.M. IF
FIBERMESH
CONC. IS NOT AVAILABLE

FLOORING AS SPECIFIED

**SUBJECT TO CHANGE WITHOUT NOTICE BY
PWH HOME DESIGN AND CONSTRUCTION **

Pennyworth Homes

Got Land? Let's Build!
PennyworthHomes.com FL-CRC068477

EXHIBIT "A"

PLAN: GRANBURY

CUSTOMER NAME:

MR. & MRS. LOUIS MUNOZ

HEATED LIVING AREA

GROUND FLOOR: 1496

SECOND FLOOR: N/A

OTHER: N/A

TOTAL HEATED: 1496

NON-HEATED
LIVING AREA

PORCH: 132

GARAGE: 400

OTHER: N/A

TOTAL U/R 2028

IMPORTANT-PLEASE READ
BELOW CAREFULLY

OUR SALES BROCHURES AND OTHER ADVERTISING LITERATURE ARE INTENDED TO GENERALLY REFLECT AND DEPICT THE STYLES AND QUALITY OF HOMES WE BUILD THROUGHOUT A PORTION OF THE UNITED STATES. OUR SALES MODELS ARE DESIGNED AND BUILT TO GENERALLY CONFORM WITH A VARIETY OF LOCAL CUSTOMS, PRACTICES, AND BUILDING CODES PREVALENT OR IN EFFECT IN THE IMMEDIATE AREA SURROUNDING THE LOCATION OF THOSE MODELS. THIS SET OF PLANS IS AN ACTUAL PART OF OUR CONTRACT WITH YOU AND, AS SUCH, IS INTENDED TO TAKE PRIORITY OVER ANYTHING IN CONFLICT WITH IT CONTAINED IN OUR ADVERTISING LITERATURE. OUR SALES MODELS AND EVEN OUR ORAL SALES PRESENTATION. NO CHANGE, MODIFICATION, OR REVISION OF THESE PRINTED PLANS SHALL BE BINDING ON THE PARTIES UNLESS SET FORTH ON THESE PLANS OR OTHERWISE REDUCED TO WRITING AND EXECUTED BY SAID PARTIES. PLEASE REVIEW THESE PLANS ALONG WITH "EXHIBIT B" OF YOUR CONTRACT CAREFULLY AND MAKE CERTAIN BEFORE YOU SIGN THEM THAT THEY ACCURATELY REPRESENT THE HOME YOU ARE PURCHASING. ADDITIONALLY, PENNYWORTH HOMES INC. HEREBY RESERVES THE RIGHT TO SUBSTITUTE MATERIALS OF EQUIVALENT QUALITY AND/OR TECHNIQUES OF ASSEMBLY AND/OR CONSTRUCTION METHODS FROM THAT CONTAINED IN THESE PLANS OR SPECIFIED IN EXHIBIT "B" WHERE NECESSARY TO ACCOMMODATE DIFFERENCES IN LOCAL CODES, GEOGRAPHIC CUSTOMS, OPTION SELECTION AND AVAILABILITY OF MATERIALS. ALL MATERIALS (LUMBER, OR OTHER BUILDING SUPPLIES) DELIVERED TO JOBSITE WHICH ARE IN EXCESS OF THOSE REQUIRED TO CONSTRUCT THE HOUSE AS AGREED REMAIN THE PROPERTY OF PENNYWORTH HOMES INC.

NOTE:
PENNYWORTH HOMES INC. RESERVES
THE RIGHT TO ONLY MAKE CHANGES TO
PLANS, REQUESTED BY BUYERS, THAT
PENNYWORTH HOMES INC. DEEMS TO BE
AESTHETICALLY, ARCHITECTURALLY,
AND STRUCTURALLY SOUND.

THIS PLAN REFLECTS THE DESIGN
AS PER BUYERS' FINAL APPROVED
SIGNED PLANS DATED 6/26/2006
CHANGES MADE TO REPLICATE
ENGINEERS NOTES AND
CALCULATIONS.

CONSTRUCTION PLANS

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

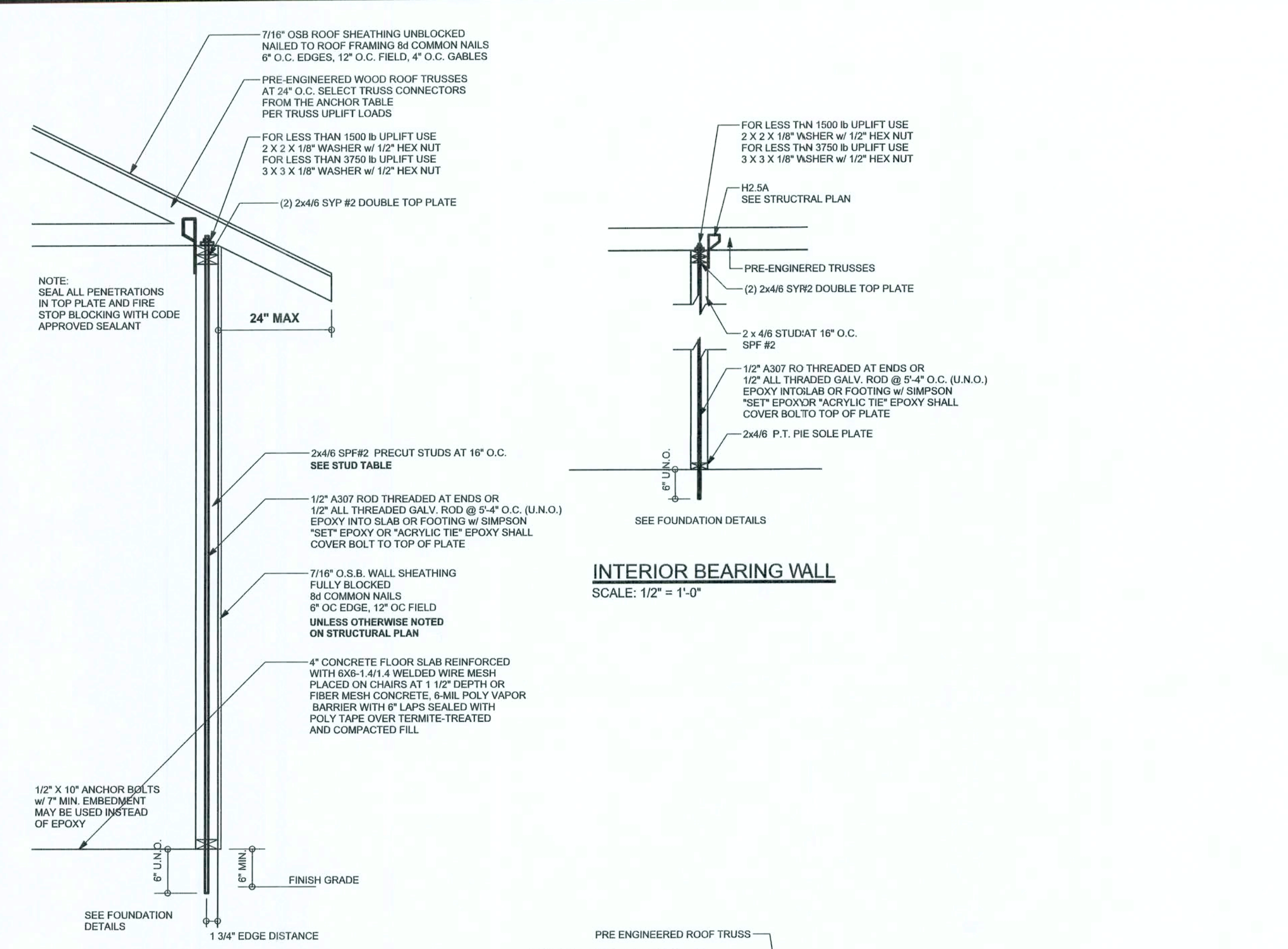
DRAWN BY: PLAN DATE: PAGE

BAA July 27, 2006 9

JOB # 06-04-0053 OF 9

REV.#	REV. DATE	DRAWN BY	DESCRIPTION OF REVISION

PENNYWORTH HOMES
DESIGN & CONSTRUCTION
DRAFTING & DESIGN DEPT. 9/8/2006

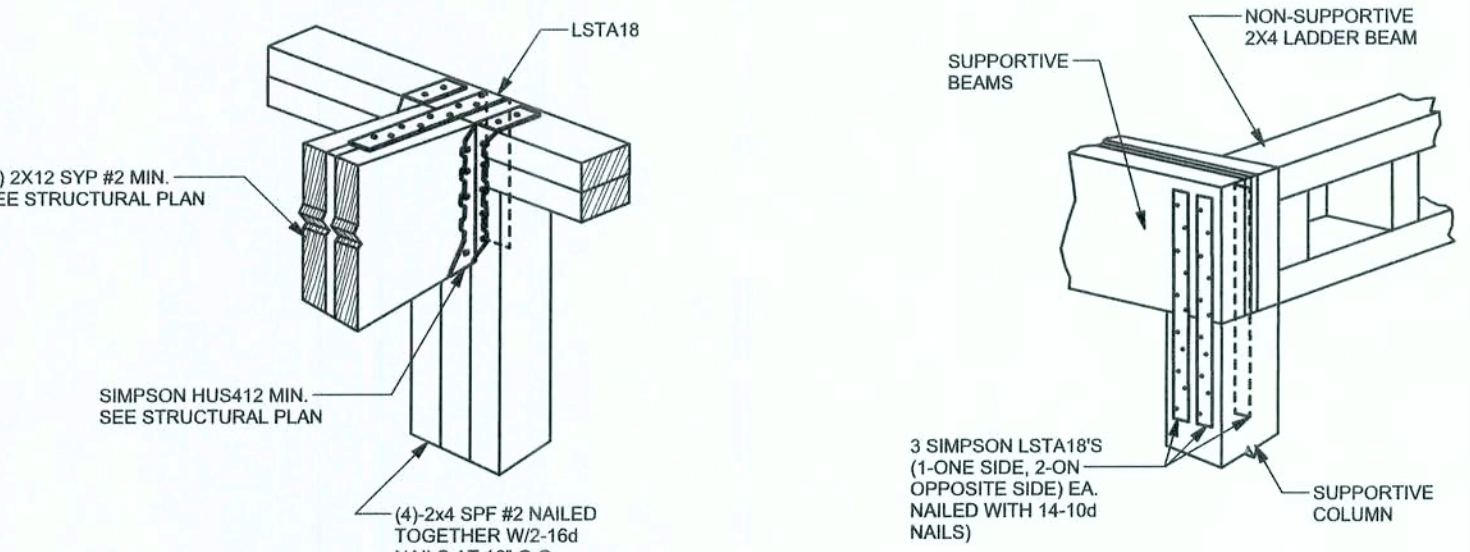


ONE STORY WALL SECTION
SCALE: 3/4" = 1'-0"

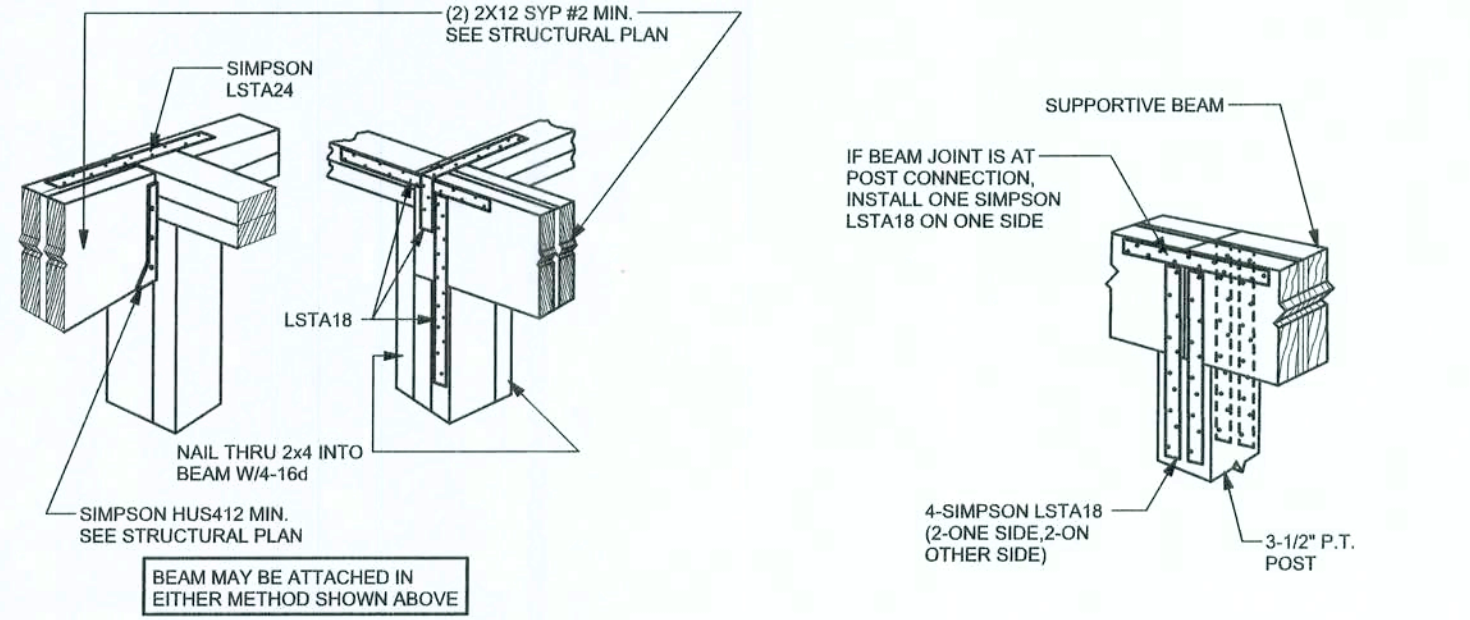
EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS

(1) 2x4 @ 16" OC	TO 11'-9" STUD HEIGHT
(1) 2x4 @ 12" OC	TO 13'-0" STUD HEIGHT
(1) 2x6 @ 16" OC	TO 18'-10" STUD HEIGHT
(1) 2x6 @ 12" OC	TO 20'-0" STUD HEIGHT

THIS STUD HEIGHT TABLE IS PER WFCM 2001, TABLE 3.208. EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS RESISTING INTERIOR ZONE WIND LOADS 110 MPH EXPOSURE B. STUD SPACINGS SHALL BE MULTIPLIED BY 0.85 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. EXAMPLE 16" O.C. x 0.85 = 13.6" O.C.



BEAM MID-WALL CONNECTION DETAIL
SCALE: N.T.S.

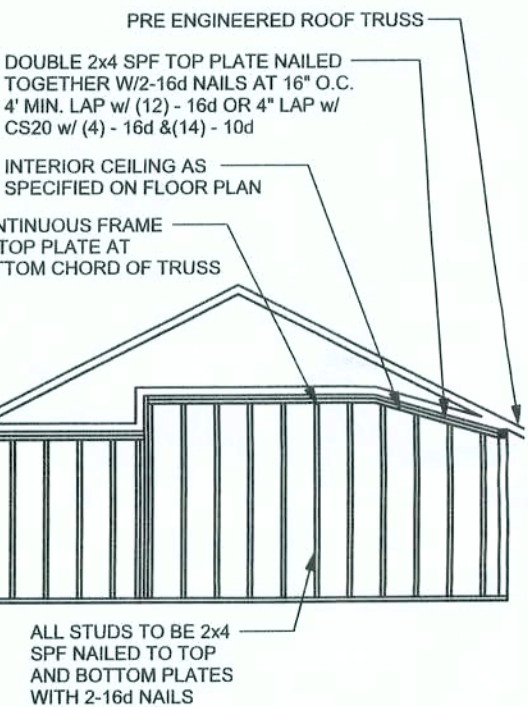


BEAM CORNER CONNECTION DETAIL
SCALE: N.T.S.

SUPPORTIVE CENTER POST TO BEAM DETAIL
SCALE: N.T.S.

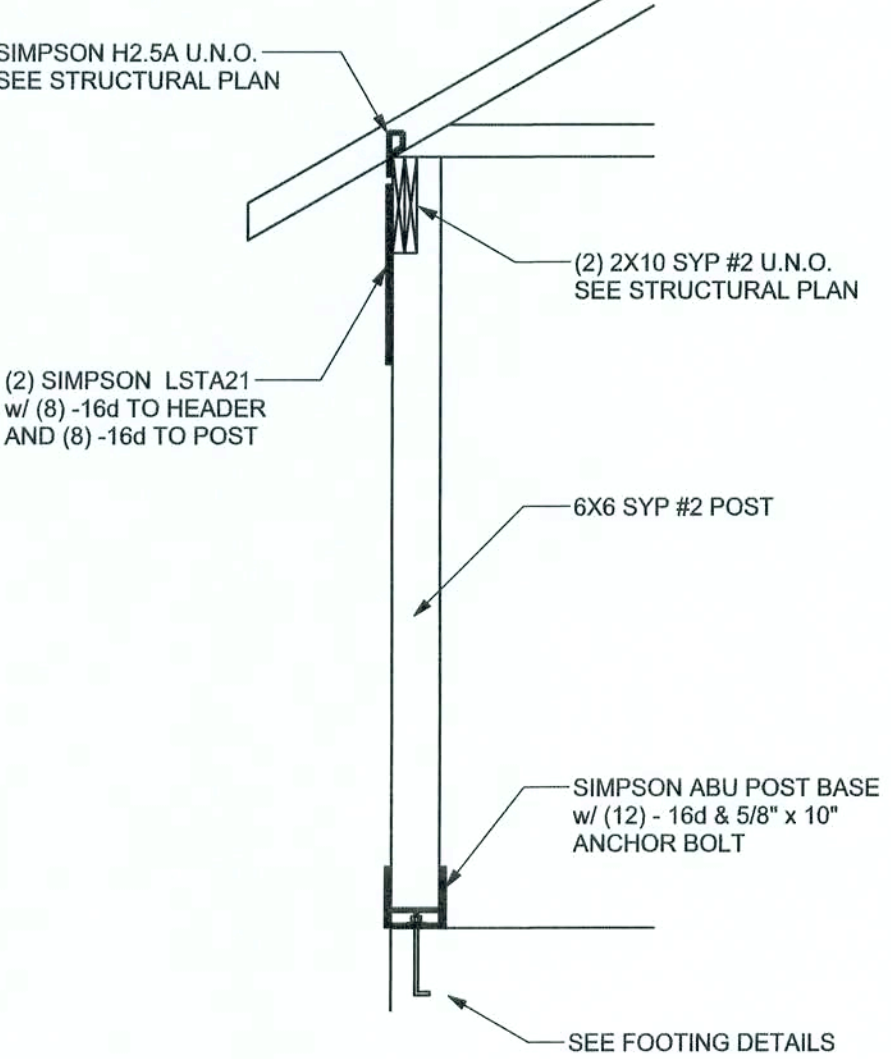
CONTINUOUS FRAME TO CEILING DIAPHRAGM DETAIL

SCALE: N.T.S.



SUPPORTIVE POST TO BEAM DETAIL FOR SINGLE BEAM

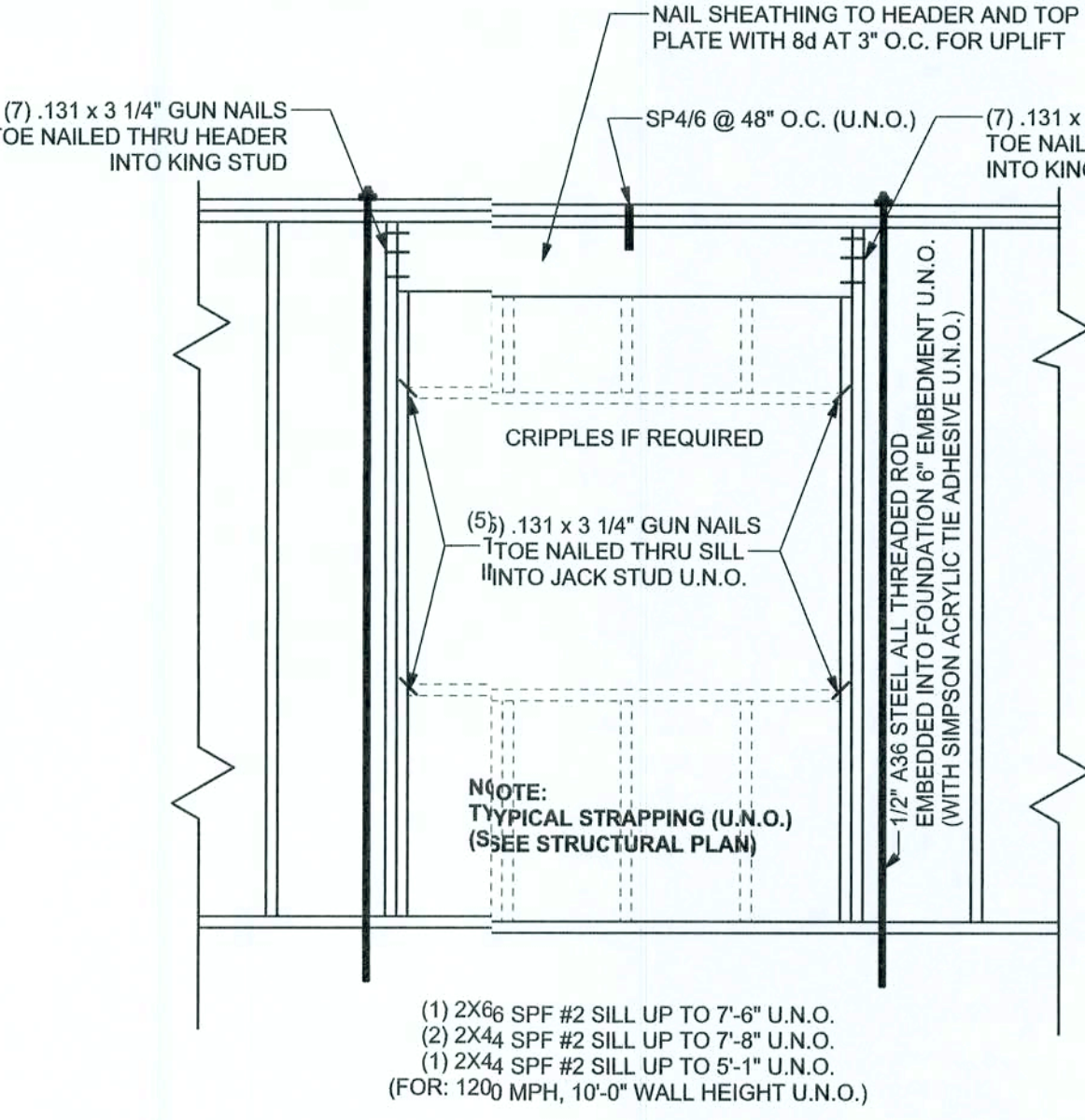
SCALE: N.T.S.



TYPICAL PORCH POST DETAIL
SCALE: 1/2" = 1'-0"

NOTE:
IF TRUSS TO WALL STRAPS ARE NAILED TO THE HEADER THE SP4/6 @ 48" O.C. ARE NOT REQUIRED

FOR LESS THAN 1500 LB UPLIFT USE 2 X 2 X 1/8" WASHER
FOR LESS THAN 3750 LB UPLIFT USE 3 X 3 X 1/8" WASHER



TYPICAL 1 STORY HEADER STRAPPING DETAIL
SCALE: 1/2" = 1'-0"

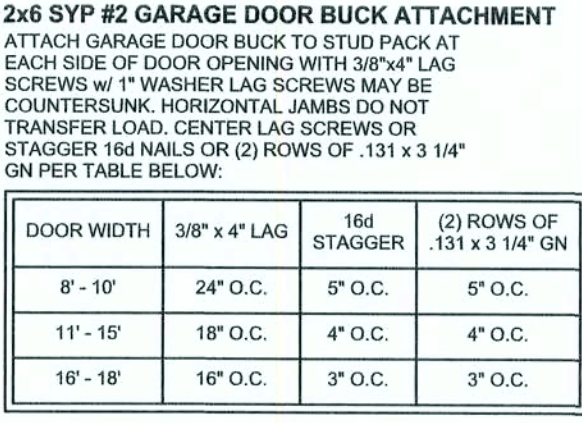
ANCHOR TABLE

MINIMUM UPLIFT REQUIREMENTS FROM TRUSS MANUFACTURER'S ENGINEERING

UPLIFT LBS. SYP	UPLIFT LBS. SPF	TRUSS CONNECTOR*	TO PLATES	TO RAFTER/TRUSS	TO STUDS
< 420	< 245	H5A	3-8d	3-8d	
< 455	< 265	H5	4-8d	4-8d	
< 360	< 235	H4	4-8d	4-8d	
< 455	< 320	H3	4-8d	4-8d	
< 415	< 365	H2.5	5-8d	5-8d	
< 600	< 535	H2.5A	5-8d	5-8d	
< 950	< 820	H6	8-8d	8-8d	
< 745	< 565	H8	5-10d, 1 1/2"	5-10d, 1 1/2"	
< 1465	< 1050	H14-1	13-8d	12-8d, 1 1/2"	
< 1465	< 1050	H14-2	15-8d	12-8d, 1 1/2"	
< 990	< 850	H10-1	8-8d, 1 1/2"	8-8d, 1 1/2"	
< 760	< 655	H10-2	6-10d	6-10d	
< 1470	< 1265	H16-1	10-10d, 1 1/2"	2-10d, 1 1/2"	
< 1470	< 1265	H16-2	10-10d, 1 1/2"	2-10d, 1 1/2"	
< 1000	< 860	MTS24C	7-10d 1 1/2"	7-10d 1 1/2"	
< 1450	< 1245	HTS24	12-10d 1 1/2"	12-10d 1 1/2"	
< 2900	< 2490	2 - HTS24			
< 2050	< 1785	LG2	14 - 16d	14 - 16d	
HEAVY GIRDER TIEDOWNS*					TO FOUNDATION
< 3965	< 3330	MG1		22 - 10d	1-5/8" THREADED ROD 12" EMBEDMENT
< 10980	< 6485	HGT-2		16 - 10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 10530	< 9035	HGT-3		16 - 10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 9250	< 9250	HGT-4		16 - 10d	2-5/8" THREADED ROD 12" EMBEDMENT
STUD STRAP CONNECTOR*					TO STUDS
< 435	< 435	SSP DOUBLE TOP PLATE	3 - 10d		4 - 10d
< 455	< 420	SSP SINGLE SILL PLATE	1 - 10d		4 - 10d
< 825	< 825	DSP DOUBLE TOP PLATE	6 - 10d		8 - 10d
< 825	< 600	DSP SINGLE SILL PLATE	2 - 10d		8 - 10d
< 885	< 760	SP4			6-10d, 1 1/2"
< 1240	< 1065	SPH4			10-10d, 1 1/2"
< 885	< 760	SP6			6-10d, 1 1/2"
< 1240	< 1065	SPH6			10-10d, 1 1/2"
< 1235	< 1165	LSTA18	14 - 10d		
< 1235	< 1235	LSTA21	16 - 10d		
< 1030	< 1030	CS20	18 - 8d		
< 1705	< 1705	CS16	28 - 8d		
STUD ANCHORS*				TO STUDS	TO FOUNDATION
< 1350	< 1305	LTT19	8 - 16d		1/2" AB
< 2310	< 2310	LTT131	18 - 10d, 1 1/2"		1/2" AB
< 2775	< 2570	H2GA	2-5/8" BOLTS		5/8" AB
< 4175	< 3695	HTT16	18 - 16d		5/8" AB
< 1400	< 1400	PAHD42	16 - 16d		
< 3335	< 3335	HPAH022	16 - 16d		
< 2200	< 2200	ABU44	12 - 16d		1/2" AB
< 2300	< 2300	ABU66	12 - 16d		1/2" AB
< 2320	< 2320	ABU88	18 - 16d		2-5/8" AB

GRADE & SPECIES TABLE

		Fb (psi)	E (10 ⁶ psi)
2x8	SYP #2	1200	1.6
2x10	SYP #2	1050	1.6
2x12	SYP #2	975	1.6
GLB	24F-V3 SP	2400	1.8
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	2900	2.0
PSL	PARALAM	2900	2.0



GARAGE DOOR BUCK INSTALLATION DETAIL
SCALE: N.T.S.

GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR 2004. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED & SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY TO VERIFY THE TRUSS DESIGNER FULLY SATISFIED ALL THE ABOVE REQUIREMENTS AND TO SELECT UPLIFT CONNECTIONS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEARING WALLS. BUILDER IS TO FURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR REVIEW OF TRUSS REACTION ON THE BUILDING STRUCTURE. STRAP 2X6 RAFTERS WITH MIN UPLIFT CONNECTION 415LB EACH END; 2X8 RAFTERS 700 LB EACH END.

SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN

FOUNDATION: CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET GRAVITY LOAD REQUIREMENTS (ASSUME 1000 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVES OTHERWISE)

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F_c = 3000 PSI.

WELED WIRE REINFORCED SLAB: 6" x 6" W14 x W14, FB = 85KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.M.) CONFORMING TO ASTM A185, LOCATED IN MIDDLE OF THE SLAB; SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'.

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH 1/2 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS. FIBERS TO COMPLY WITH ASTM C 1116. SUPPLIER TO PROVIDE ASTM C 1116 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL.

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12FT. DO NOT CUT WWW OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A 615, GRADE 60, DEFORMED BARS, F_y = 60 KSI, ALL LAP SPLICES 40" DB (25" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-96, U.N.O.

GLULAM BEAMS: GLULAM BEAM, GLB, 24F-V3SP, F_b = 2.4ksi, E = 1800ksi; UNO. SUPPLIER MAY SUPPLY AN ALTERNATE BEAM WITH EQUAL PROPERTIES OR MAY SUBMIT THEIR OWN SIZING CALCS. **ROOF SHEATHING:** ALL ROOFS ARE HORIZONTAL DIAPHRAGMS; 7/16" OSB SHEATHING, UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED, FASTENED WITH 8d COMMON NAILS (131), 6" OC PANEL EDGES, 12" OC INTERMEDIATE MEMBERS, GABLE ENDS AND DIAPHRAGM BOUNDARY, 4" OC, UNO.

STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECTORS, ANCHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT, AN EQUIVALENT DEVICE OF THE SAME OR OTHER MANUFACTURER CAN BE SUBSTITUTED FOR ANY DEVICES LISTED IN THE EXAMPLE TABLES AS LONG AS IT MEETS THE REQUIRED LOAD CAPACITIES, MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ACHIEVE RATED LOADS.

ANCHOR BOLTS: A-307 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 12" IN GROUTED CMU.

WASHERS: WASHERS USED WITH 1/2" BOLTS TO BE 2" x 2" x 9/64"; WITH 5/8" BOLTS TO BE 3" x 3" x 9/64"; WITH 3/4" BOLTS TO BE 3" x 3" x 9/64"; WITH 7/8" BOLTS TO BE 3" x 3" x 5/16"; UNO.

NAILS: ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED OR ACCEPTED BY FBC TEST REPORTS AS HAVING EQUAL STRUCTURAL VALUES.

BUILDER'S RESPONSIBILITY

THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.

CONFIRM SITE CONDITIONS, FOUNDATION BEARING CAPACITY, GRADE AND BACKFILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.

PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCR 2004 REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES.

PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OMMITS A CONTINUOUS LOAD PATH CONNECTION, CALL THE WIND LOAD ENGINEER IMMEDIATELY.

VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.

ROOF SYSTEM DESIGN

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR 2004, SECTION R301.2.1 IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED TO THE WIND LOAD ENGINEER. IT IS THE RESPONSIBILITY OF THE BUILDER TO CHECK ALL DETAILS OF THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER AND HAVE IT SIGNED, AND SEALED BY A DESIGN PROFESSIONAL FOR CORRECT APPLICATION OF FBC 2001 REQUIRED LOADS AND ANY SPECIAL LOADS. THE BUILDER IS RESPONSIBLE TO REVIEW EACH INDIVIDUAL TRUSS MEMBER AND THE TRUSS ROOF SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL BRACING. THE BUILDER SHOULD USE CARE CHECKING THE ROOF DESIGN BECAUSE THE WIND LOAD ENGINEER IS SPECIFICALLY NOT RESPONSIBLE FOR THE TRUSS LAYOUT WHICH WAS CREATED BY THE TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENEIES RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED TRUSS SHEETS.

DESIGN DATA

WIND LOADS PER FLORIDA BUILDING CODE 2004 RESIDENTIAL, SECTION R301.2.1

(ENCLOSED SIMPLE DIAPHRAGM BUILDINGS WITH FLAT, HIPPED, OR GABLE ROOFS; MEAN ROOF HEIGHT NOT EXCEEDING LEAST HORIZONTAL DIMENSION OR 60 FT; NOT ON UPPER HALF OF HILL OR ESCARPMENT 60FT IN EXP. B, 30FT IN EXP. C AND >10% SLOPE AND UNOBSTRUCTED UPWIND FOR 50x HEIGHT OR 1 MILE WHICHEVER IS LESS.)

BUILDING IS NOT IN THE HIGH VELOCITY HURRICANE ZONE

BUILDING IS NOT IN THE WIND-BORNE DEBRIS REGION

1.) BASIC WIND SPEED = 110 MPH

2.) WIND EXPOSURE = B

3.) WIND IMPORTANCE FACTOR = 1.0

4.) BUILDING CATEGORY = II

5.) ROOF ANGLE = 10-45 DEGREES

6.) MEAN ROOF HEIGHT = <30 FT

7.) INTERNAL PRESSURE COEFFICIENT = N/A (ENCLOSED BUILDING)

8.) COMPONENTS AND CLADDING DESIGN WIND PRESSURES (TABLE R301.2(2))

Zone	Effective Wind Area (ft ²)	10	100
1	19.9 - 21.8	18.1	-18.1
2	19.9 - 25.5	18.1	-21.8
2 Ohg	-40.6		-40.6
3	19.9 - 25.5	18.1	-21.8
3 Ohg	-68.3		-42.4
4	21.8 - 23.6	18.5	-20.4
5	21.8 - 29.1	18.5	-22.6
Doors & Windows Worst Case (Zone 5, 10 ft ²)		21.8	-29.1
8x7 Garage Door		19.5	-22.9
16x7 Garage Door		18.5	-21.0

DESIGN LOADS

FLOOR	40 PSF (ALL OTHER DWELLING ROOMS)
	30 PSF (SLEEPING ROOMS)
	30 PSF (ATTICS WITH STORAGE)
	10 PSF (ATTICS WITHOUT STORAGE, <3:12)
ROOF	20 PSF (FLAT OR <4:12)
	16 PSF (4:12 TO <12:12)
	12 PSF (12:12 AND GREATER)
STAIRS	40 PSF (ONE & TWO FAMILY DWELLINGS)
SOIL BEARING CAPACITY	1000PSF
NOT IN FLOOD ZONE (BUILDER TO VERIFY)	

REVISIONS

SOFTPLAN
MULTITECH/ARCHITECT/2017/06

WINDLOAD ENGINEER: Mark Disoway, P.E. No. 53915, P.O. Box 868, Lake City, FL 32056, 386-754-5419

DIMENSIONS: Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section R301.2.1, Florida building code residential 2004, o the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISOWAY
P.E. 53915

Mark Disoway
25 JUL 06
SAL

Pennyworth Homes

Munoz Residence

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Columbia Cnty, Florida

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Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
July 25, 2006

DRAWN BY: STRUCTURAL BY:
David Disoway

FINALS DATE:
25 / Jul / 06

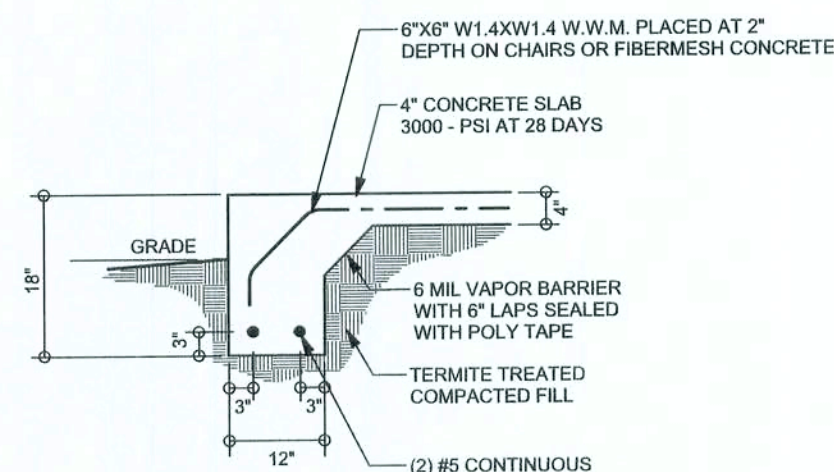
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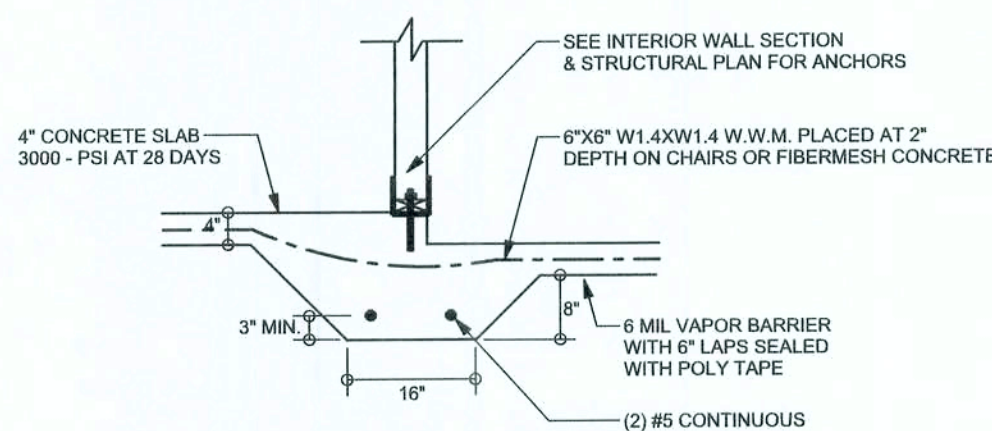
OF 3 SHEETS

REVISIONS	

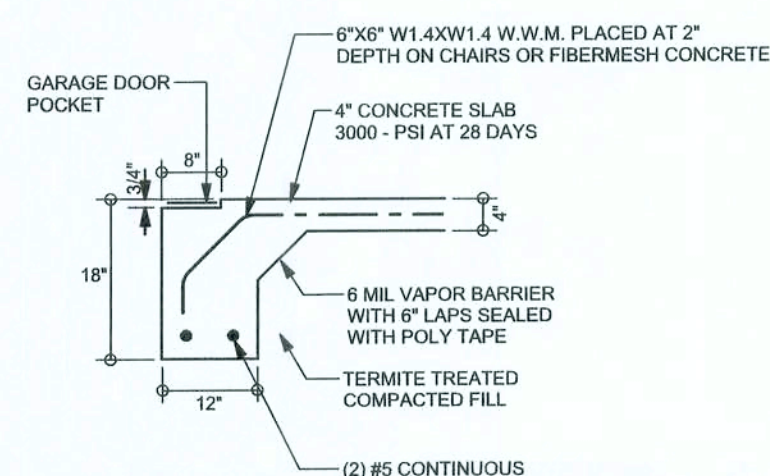
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ARCHITECTURAL DESIGN SOFTWARE



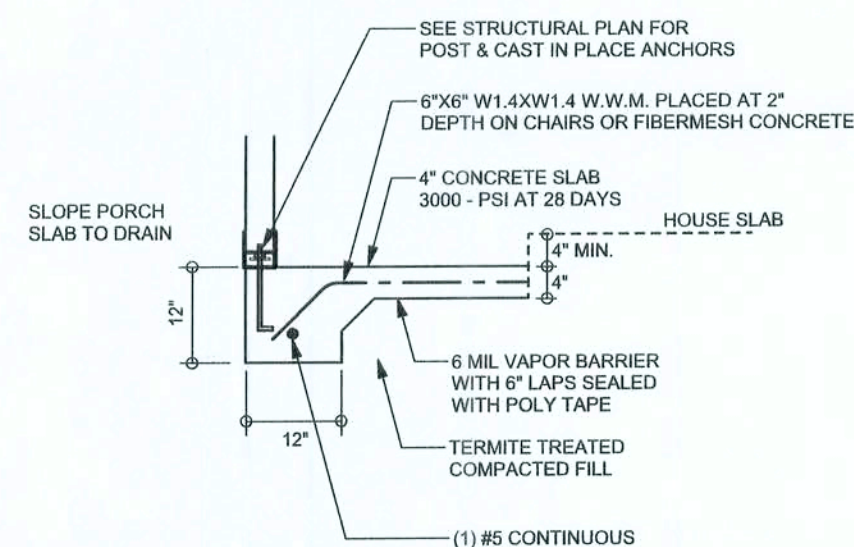
F1
S-2 MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"



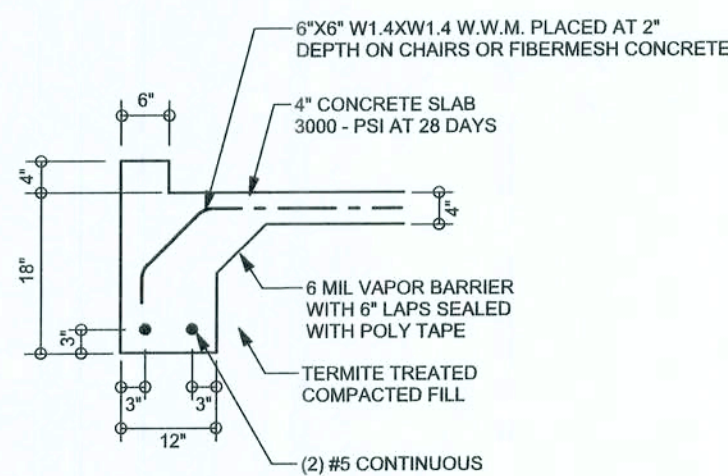
F3
S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"



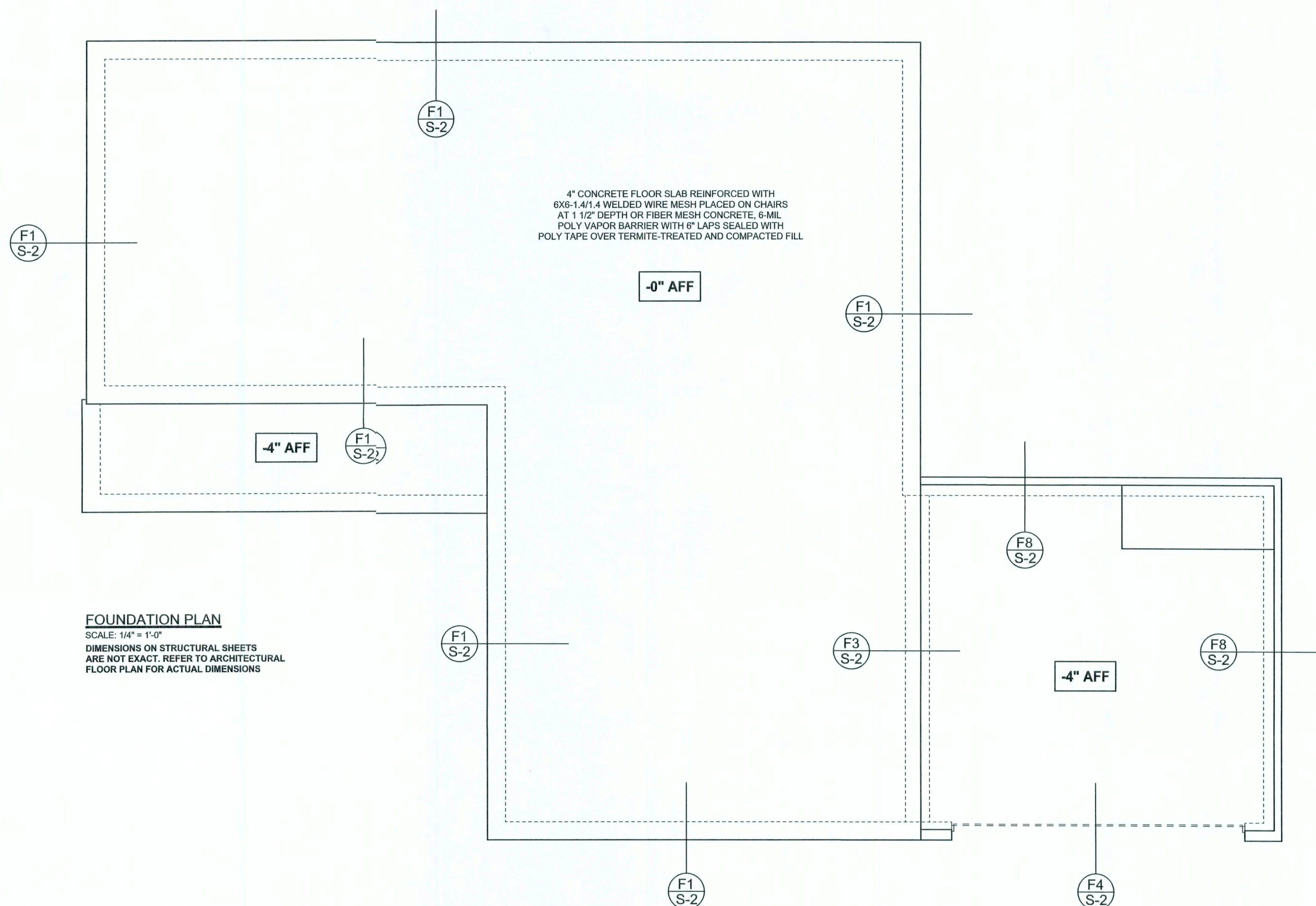
F4
S-2 GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"



F5
S-2 PORCH FOOTING
SCALE: 1/2" = 1'-0"



F8
S-2 GARAGE CURB FOOTING
SCALE: 1/2" = 1'-0"



FOUNDATION PLAN

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

DIMENSIONS ON STRUCTURAL SHEETS
ARE NOT EXACT. REFER TO ARCHITECTURAL
FLOOR PLAN FOR ACTUAL DIMENSIONS

WINDLOAD ENGINEER Mark Disoway,
PE No. 53915, POB 888, Lake City, FL
32056, 386-754-5419

DIMENSIONS:
Stated dimensions supersede scaled
dimensions. Refer all questions to
Mark Disoway, P.E. for resolution.
Do not proceed without verification.

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his common law copyright and property right in
these instruments of service. This document is
not to be reproduced, altered or copied in any
form or manner without the express written
permission and consent of Mark Disoway.

CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
portions of the plan, relating to wind engineering
comply with section F30.2.1, Florida building
code residential 2004, to the best of my
knowledge.

LIMITATION: This design is valid for one
building, at specified location.

MARK DISOWAY
P.E. 5915

SEAL

Pennyworth Homes

Munoz Residence

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Columbia County, Florida

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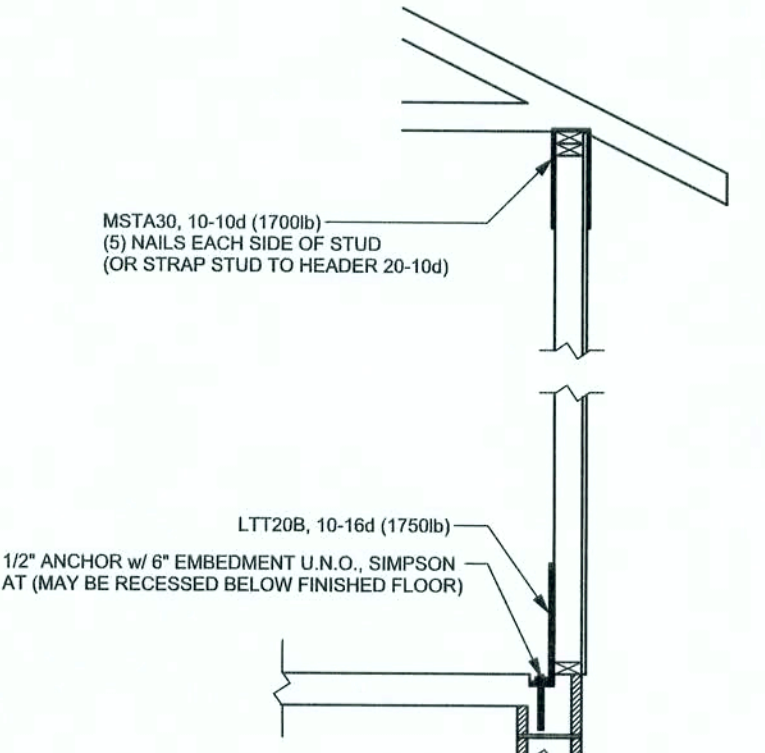
DRAWINGNUMBER

S-2

OF 3 SHEETS

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



ALTERNATE WALL TIE CONNECTION WHERE
THREADED ROD CANNOT BE PLACED IN WALL
SCALE: 1/2" = 1'-0"

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP#2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

SWS = 0.0'	1ST FLOOR EXTERIOR WALL
SWS = 0.0'	2ND FLOOR EXTERIOR
IBW	1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1
IBW	2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1

THREADED ROD LEGEND

- INDICATES LOCATION OF:
1ST FLOOR 1/2" A307 ALL THREADED ROD
- ⊗ INDICATES LOCATION OF:
2ND FLOOR 1/2" A307 ALL THREADED ROD

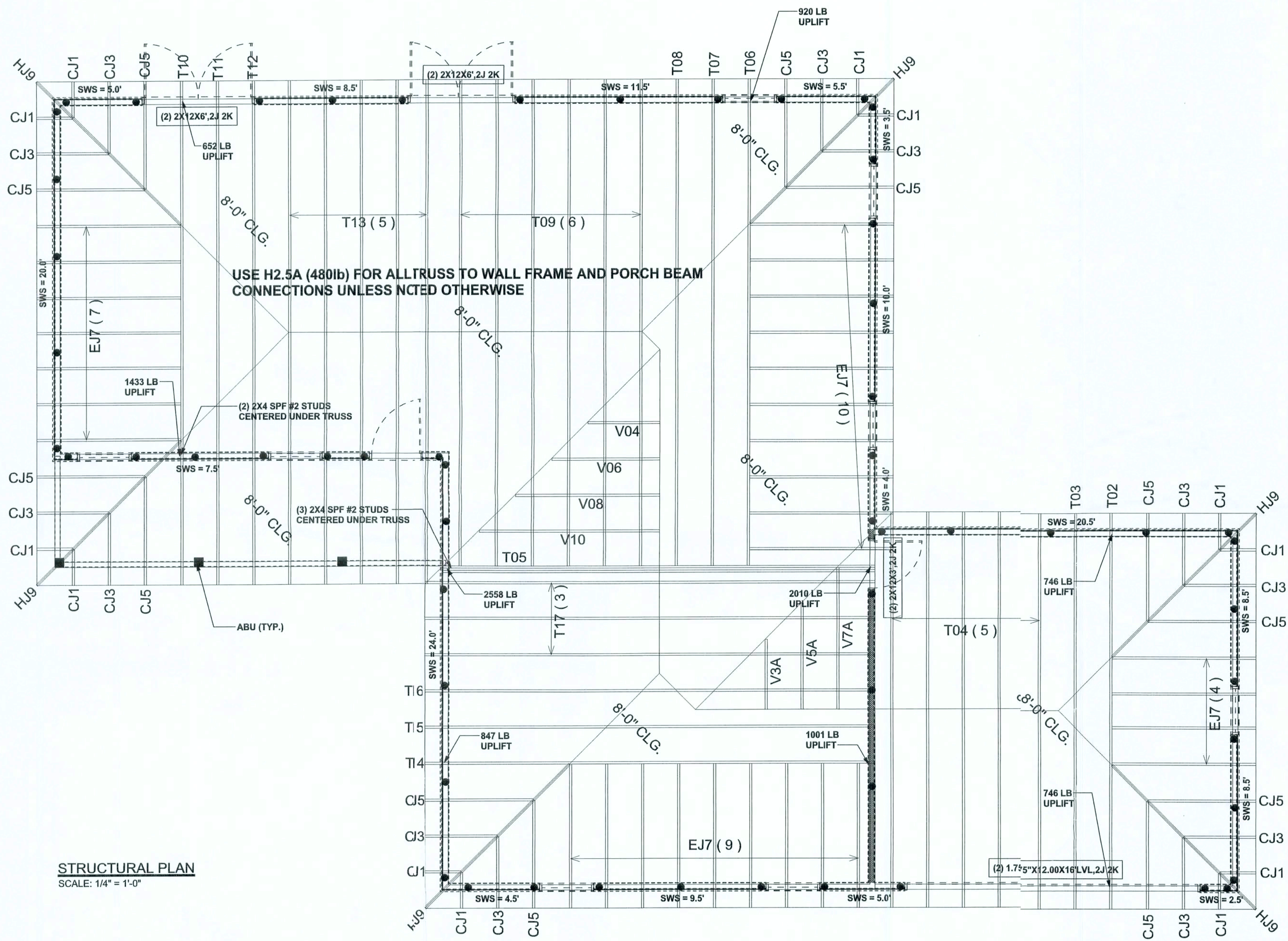
HEADER LEGEND

- (2) 2X12X0', 1J 1K ← HEADER/BEAM CALL-OUT (U.N.O.)
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PLYS IN HEADER

TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	29.5'	78.5'
LONGITUDINAL	28.6'	75.0'



STRUCTURAL PLAN
SCALE: 1/4" = 1'-0"

WINDLOAD ENGINEER: Mark Discoway,
PE No. 53815, PCB 866 Lake City, FL
32056, 386-754-5419

DIMENSIONS:
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Discoway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section FC31.2.1, Florida building code residential 2004, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISCOWAY
P.E. 3915

25 JUL 06
SEAL

Pennyworth Homes

Munoz Residence

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PRINTED DATE:
July 25, 2006

DRAWN BY: STRUCTURAL BY:
David Discoway

FINALS DATE:
25 / Jul / 06

JOB NUMBER:
607241

DRAWING NUMBER
S-3

OF 3 SHEETS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB #L201610