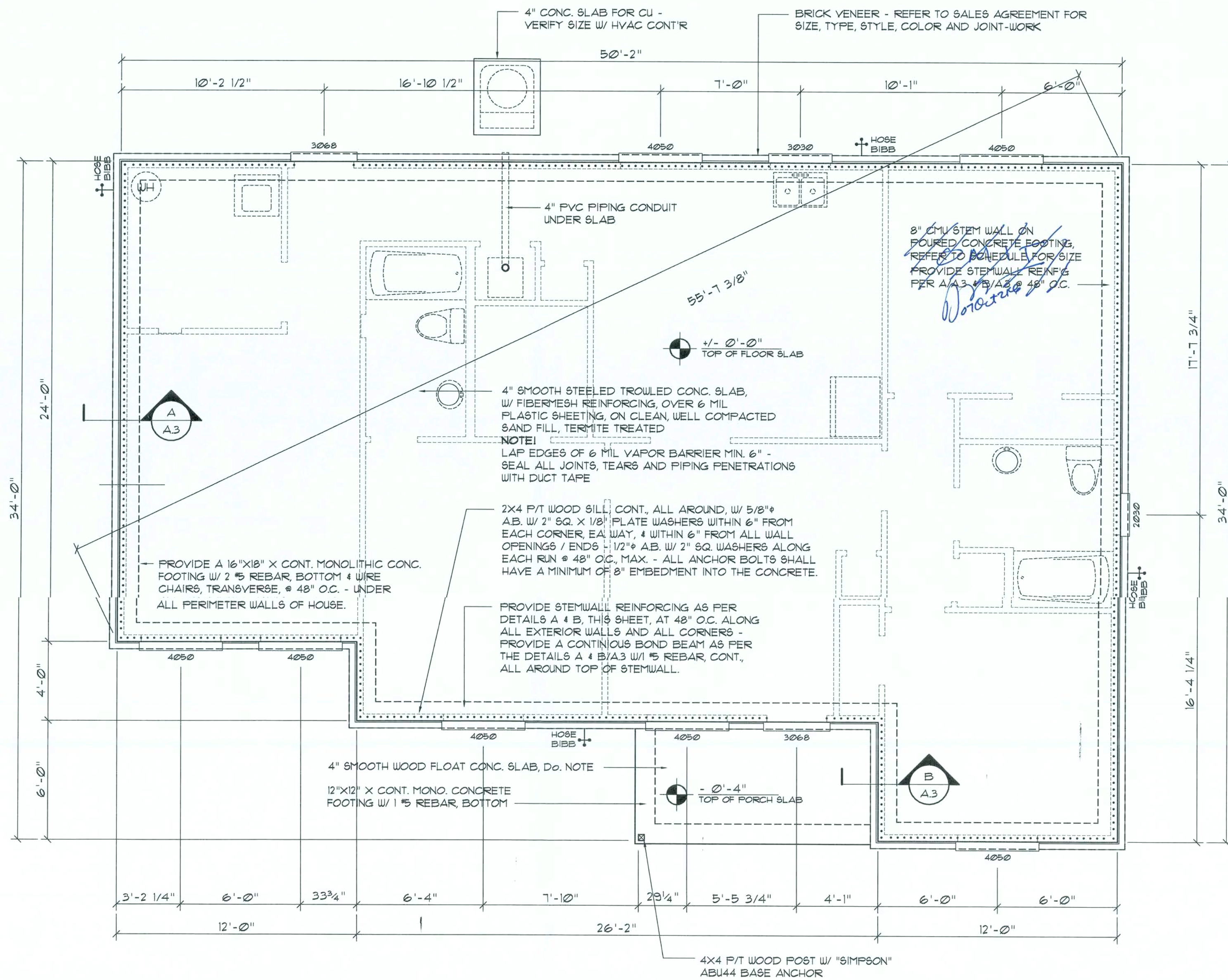


25064

25064



Foundation PLAN

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

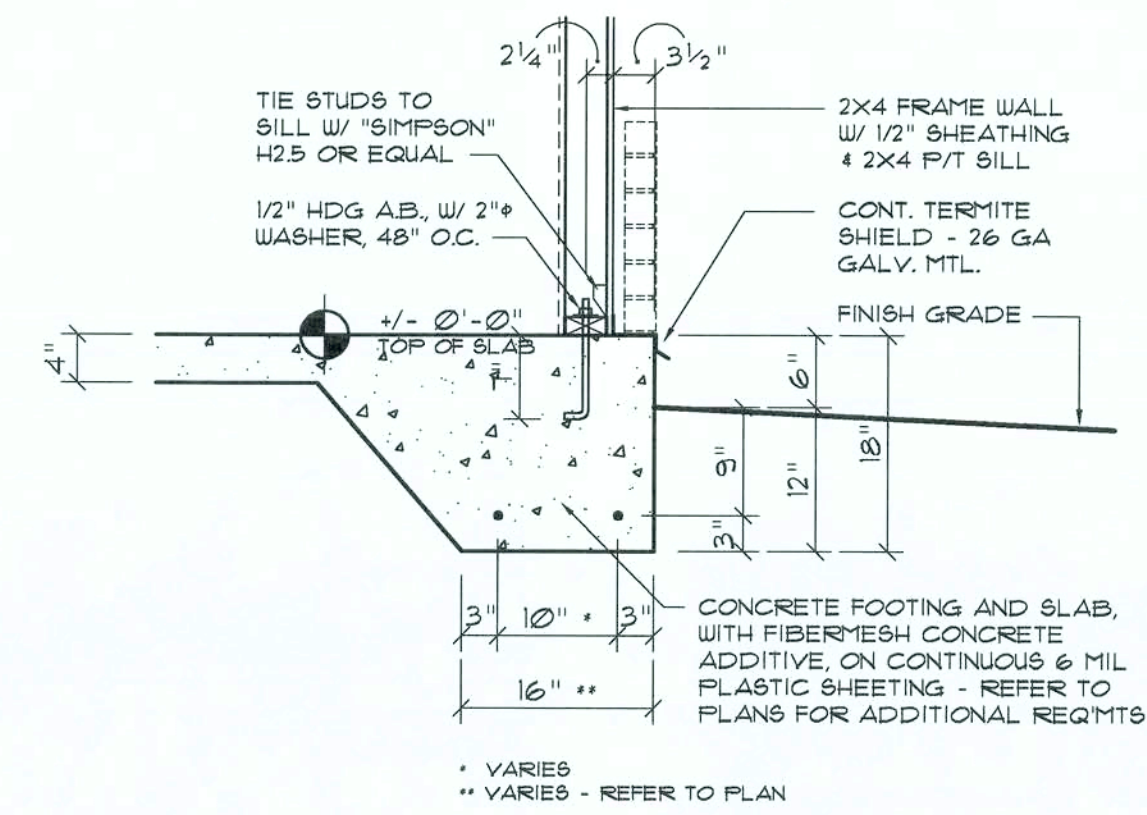
..... SHEAR WALL SEGMENTS, SEE A45 M. (ALL EXT. WALLS, LESS DOOR OPENINGS)

NOTE!
THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

NOTE!
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

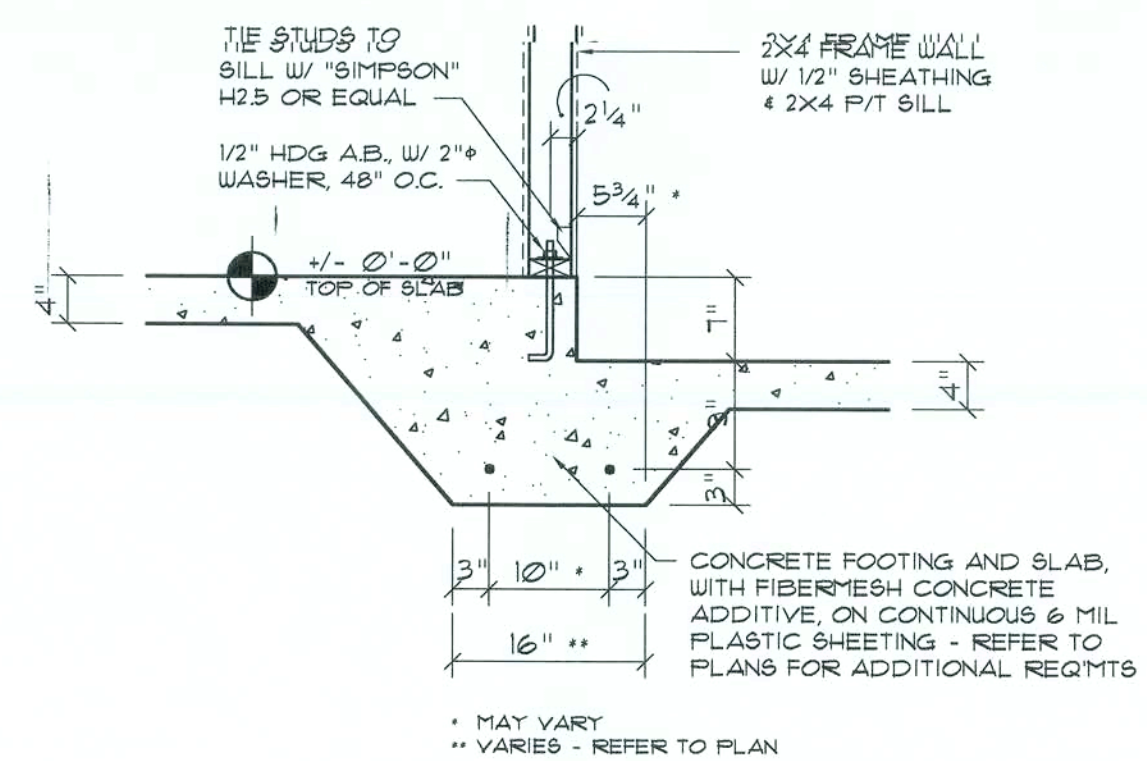
NOTE!
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



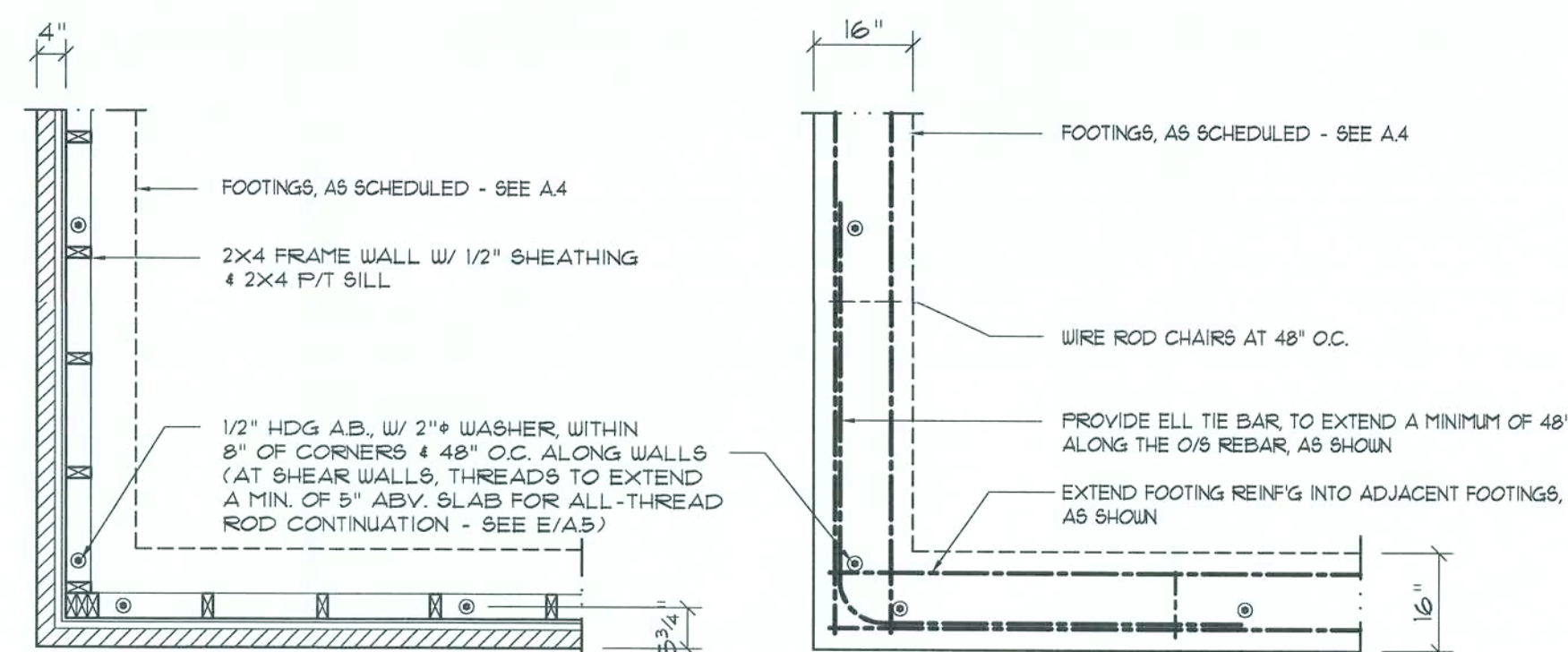
Typ. Mono. Ftg. DET. A

SCALE: NONE



Typ. Mono. Ftg. DET. B

SCALE: NONE



Wall/Foundation Reinf'g DETAIL C

SCALE: NONE

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trusses @ 24" O
Walls: 2x4 Wood Studs @ 16" O.C.
Floor: 4" Thk Concrete Slab W/ Fibermesh Concrete Additive
Foundation: Continuous Monolithic Footer

ROOF DECKING

Material: 1/16" O.S.B.
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing
Fasteners: 8d Common Nails per schedule on sheet A6

SHEARWALLS

Material: 1/16" O.S.B.
Sheet Size: 48"x96" (12"x12") Sheets Placed Vertical
Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior
Dragstrut: Double Top Plate (S.T.P.) W/ 16d Nails @ 12" O.C.
Wall Studs: 2x4 Hem Fir Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: Simpson H25a @ Ea. Truss End (Typ. U.O.N.)
Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts: 1/2" A307 Bolts @ 48" O.C.
Corner Hold-down Device: 1 - 1/2" All-Thread Rod ea. corner from RND Iru Plate w/ 3/4" sq. Washer @ Plate
Porch Column Base Connector: Simpson ABU66 @ each column
Porch Column to Beam Connector: Simpson EPC66 @ each column

FOOTINGS AND FOUNDATIONS

Footings: 16"x16" Cont. W/ 2-#5 Bars Cont. & Wire Chairs @ 48" O.C.

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION.

BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	I = 1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MURS PER TABLE 1609.2A (FBC 2004)	ROOF: - 23.1 PSF WALLS: + 26.6 PSF EAVES: - 32.3 PSF
DESIGN WIND PRESSURES:	OPNGS: + 21.8 / - 23.1 PSF EAVES: + 6.3 PSF ROOF: + 19.3 / - 25.5 PSF
COMPONENTS & CLADDING PER TABLES 1609.2B & 1609.2C (FBC 2004)	
DESIGN WIND PRESSURES:	

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL COMPACTION 90% (1) BE NOT 100% TYPICAL. AS HAS BEEN DRY, A MINIMUM PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX Fc = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX Fc = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT, MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-30 REQUIREMENTS WITH MEDIUM SURFACE FINISH - Fm = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

REVISION:
06 OCT 2006

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N.P. Geisler, Architect

DRAWN:
MPS

STANDARD HOME PLAN:
PROJECT TITLE
for C/S CONSTRUCTION, LAKE CITY, FLORIDA
FOUNDATION PLAN & DETAILS

C & S
CONSTRUCTION
US: #0000507
LAKE CITY, FLORIDA 32055
754 & 561-5555 FAX: 561-5555

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.A.C. CERTIFIED
1745 NW Brown Rd.
Lake City, FL 32055
3507-735-6608

DATE:
19 SEP 2006

COMM:
2K644

SHEET:
A.3
3 OF 6

MPS
AR0007005

BOUNDARY SURVEY

IN SECTION 33, TOWNSHIP 3 SOUTH, RANGE 17 EAST
COLUMBIA COUNTY, FLORIDA

DESCRIPTION:

COMMENCE at the Southeast corner of said Lot Five (5), ODOM HEIGHTS, for a POINT OF BEGINNING, thence run South Eighty-eight (88) degrees Fifteen (15) minutes West, along the South line of said Lot Five (5) a distance of One Hundred Forty-eight (148) feet to the Westerly boundary line extended of said ODOM HEIGHTS subdivision; thence run South Eight (8) degrees Three (3) minutes West, along said extension of the Westerly boundary of Odom Heights, a distance of Seventy (70) feet; thence run North Eighty-eight (88) degrees Fifteen (15) minutes East a distance of One Hundred Forty-eight (148) feet to the Westerly line extended of Eloise Street; thence run North Eight (8) degrees Three (3) minutes East, along said extension of the Westerly line of Eloise Street a distance of Seventy (70) feet to the POINT OF BEGINNING.

ALSO COMMENCE at the Northwest corner of Odom Heights Addition No. 1, a subdivision of a part of the SW 1/4 of the SE 1/4 of Section 33, Township 3 South, Range 17 East, Columbia County, Florida, according to plat on file in the office of the Clerk of the Circuit Court in and for said Columbia County in Plat Book 3, Page 18, and run Southerly along the West line of Eloise Street 70 feet for a point of beginning; and run thence Southerly along the West line of said Eloise Street 81.45 feet to the North line of Emma Street extended Westerly; thence Westerly along the North line of said Emma Street extended 148 feet to the West line of said Section 33; thence Northerly along said Section line 81.45 feet; thence Easterly 148 feet to a point of beginning.

NOTES:

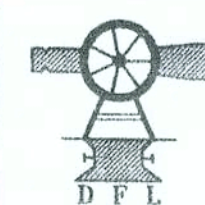
- 1.) Monumentation is as shown and designated on the face of the plat.
- 2.) Boundary based on instruction from client, monumentation found in place, parent tract description furnished by client, prior survey and subdivision by B.G. Moore, PLS.
- 3.) Bearings projected from West Right-of-Way line of SE Eloise Avenue and based on above referenced prior survey and subdivision by B.G. Moore, PLS.
- 4.) Interior improvements, if present, were not located with this survey.
- 5.) Underground encroachments, if present, were not located with this survey.
- 6.) This survey was made without benefit of a title search. There may be additional easements, restrictions, etc. not shown hereon but found in the Public Records. Issues regarding title, land use & zoning, easements & other encumbrances are not a part of the scope of a Boundary Survey and can only be revealed with a title search.
- 7.) Date of field survey completion: June 7, 2006.

LEGEND	
CMF=CONCRETE MONUMENT FOUND	OH ELEC=OVERHEAD ELECTRIC LINE
CMS=CONCRETE MONUMENT SET	OH TEL=OVERHEAD TELEPHONE LINE
IPF=IRON PIPE FOUND	SEC=SECTION
IPS=IRON PIPE SET	RGE=RANGE
PLS=PROFESSIONAL LAND SURVEYOR	TWP=TOWNSHIP
P.S.M.=PROFESSIONAL SURVEYOR & MAPPER	CR=CORNER
R/W=RIGHT-OF-WAY	NE=NORTHEAST
CL=CENTER LINE	NW=NORTHWEST
PL=PROPERTY LINE	SW=SOUTHWEST
PP=POWER POLE	SE=SOUTHEAST
SP=SERVICE POLE	LB=LICENSED BUSINESS
TPD=TELEPHONE PEDESTAL	P.O.B.=POINT OF BEGINNING
IRC=IRON REDBAR & CAP	Δ=DELTA ANGLE, CENTRAL ANGLE
R=RADIUS OF CURVE	T=TANGENT OF CURVE
L=LENGTH OF CURVE	(F)=FIELD MEASUREMENTS
(P)=PLAT MEASUREMENTS	FD=FOUND
NO ID=NO IDENTIFICATION	

CAD FILE: 5025B.DWG

NOT VALID WITHOUT THE SIGNATURE
AND ORIGINAL RAISED SEAL OF A
FLORIDA REGISTERED PROFESSIONAL
SURVEYOR AND MAPPER

Timothy A. Delbene
Timothy A. Delbene, P.L.S.
Florida Reg. No. 5594
DATE: 6/12/2006



Donald F. Lee and Associates, Inc.

SURVEYORS — ENGINEERS

140 Northwest Ridgewood Avenue, Lake City, Florida 32055

Phone: (386) 755-6166 FAX: (386) 755-6167

Certificate of Authorization # LB 7042

Date: 06/08/2006

Drafting: A V G

Computations: A V G

Checked: T A D

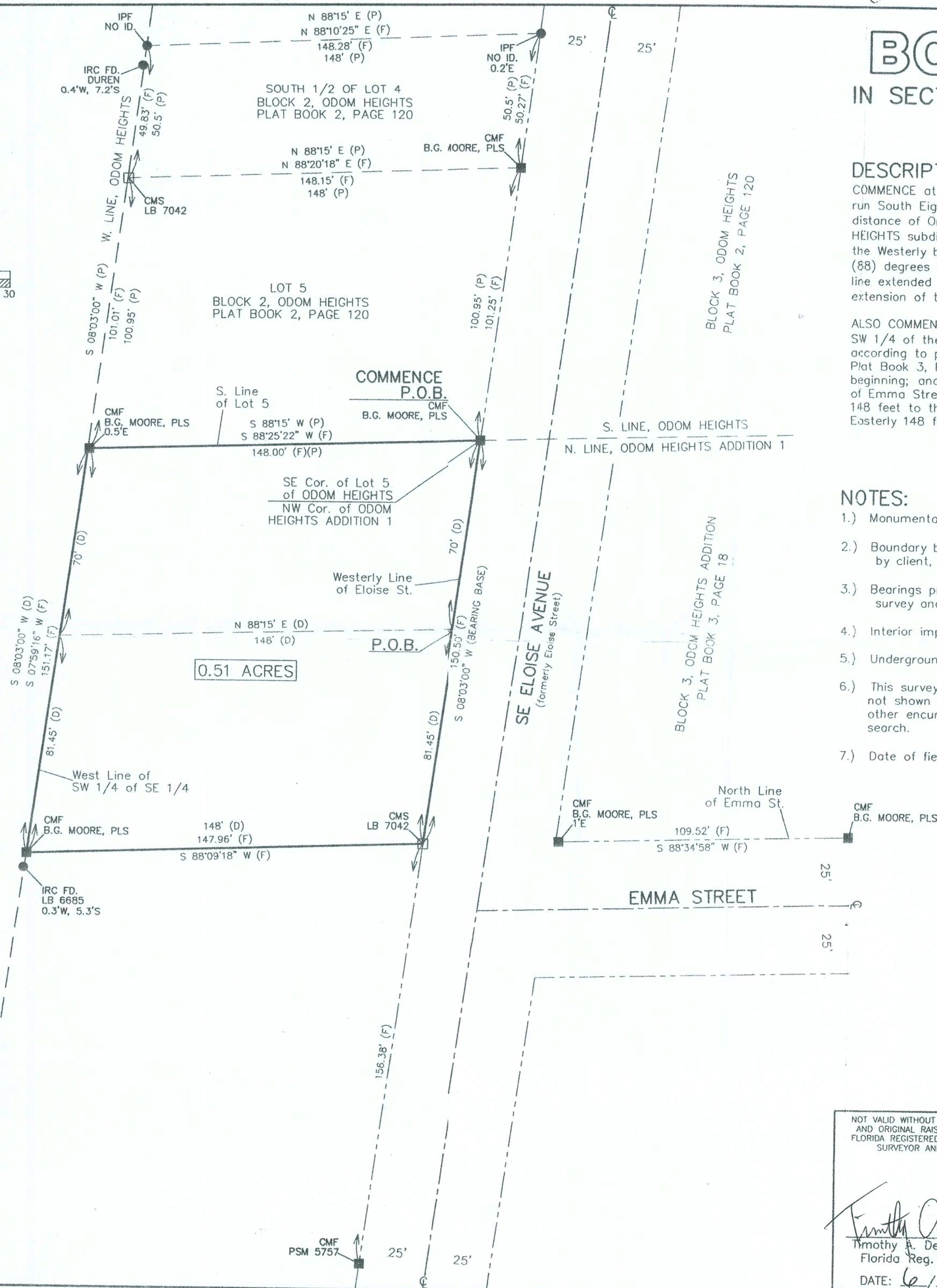
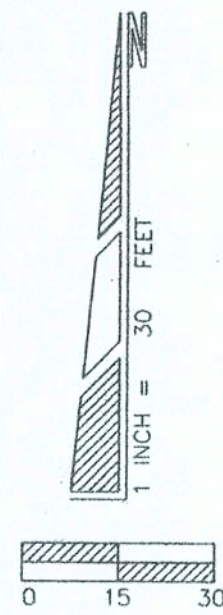
GLENNIS POUNDS

Scale: 1"=30'

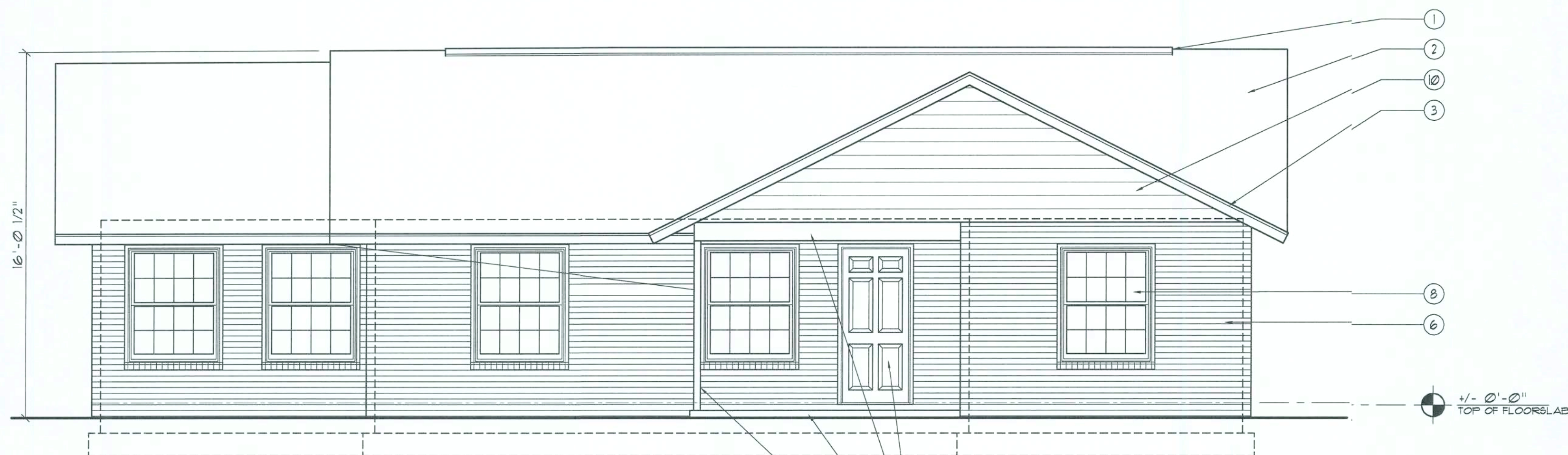
Field Book: 06-501

Work Order: 06-5025

File: A-39-28

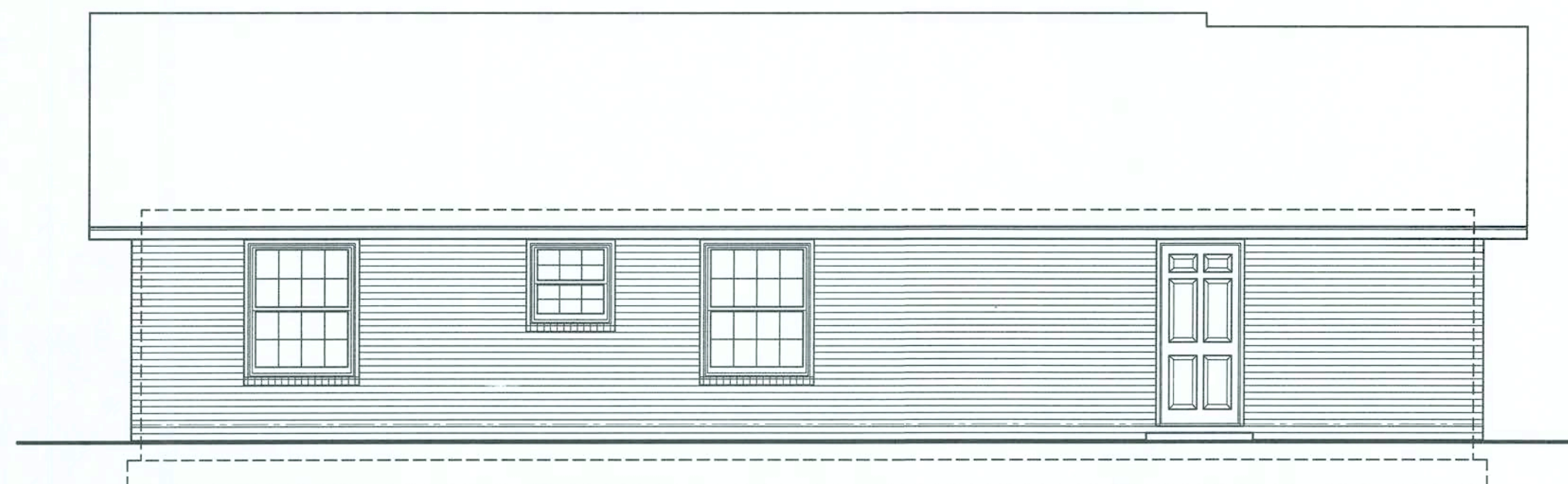


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Front ELEVATION

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



Rear ELEVATION

SCALE: 3/16" = 1'-0"

NOTE !!!

EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSULING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

NOTE !!!

ROOF SHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

GLASS-SEAL AR
ELITE GLASS-SEAL AR
HERITAGE 30 AR
HERITAGE 40 AR
HERITAGE 50 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAB 100, USING 4 NAILS/SHINGLE

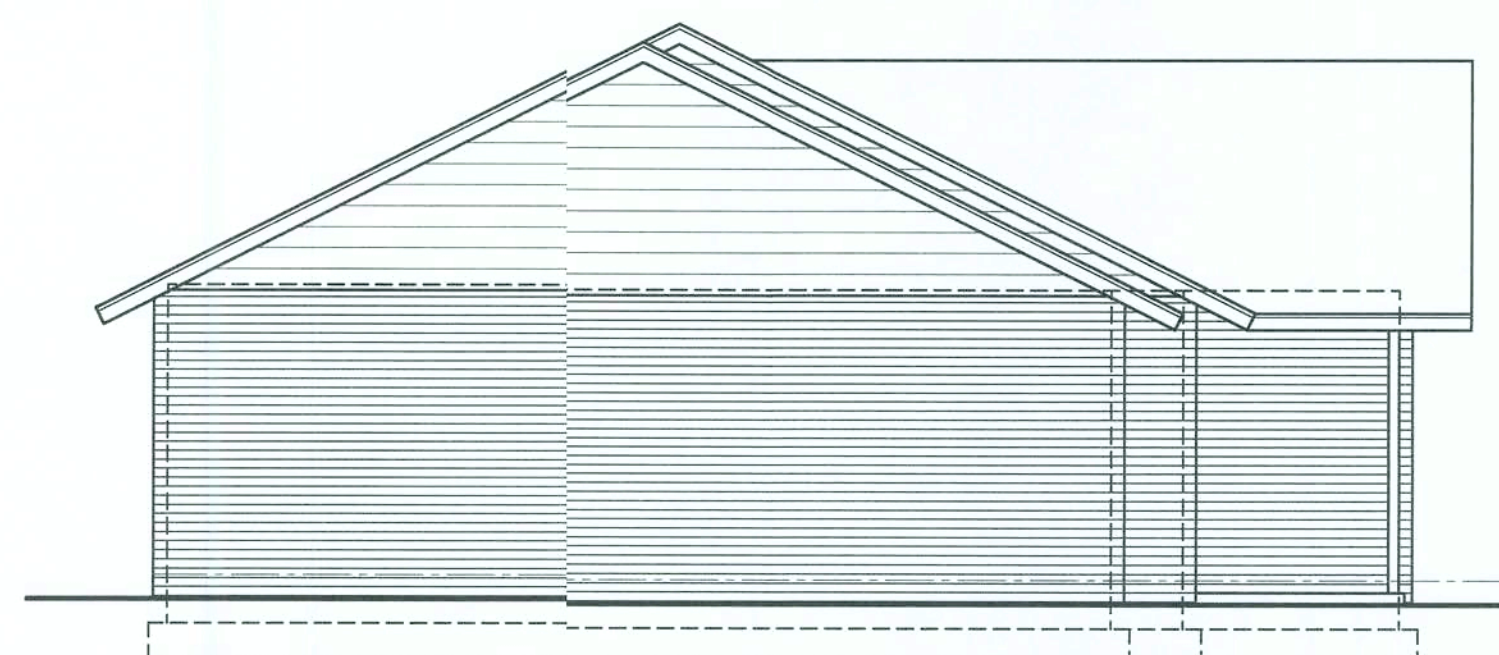
NOTE !!!

WINDOW ASSEMBLIES SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCTS:

"MI HOME PRODUCTS, INC." SERIES 450/650 ALUMINUM WINDOWS, SINGLE HUNG, 1, 2 & 3 MULLED UNITS, PICTURE WINDOWS & SLIDING GLASS DOORS
PER ASTM E 283, ASTM E 330 & ASTM E 541

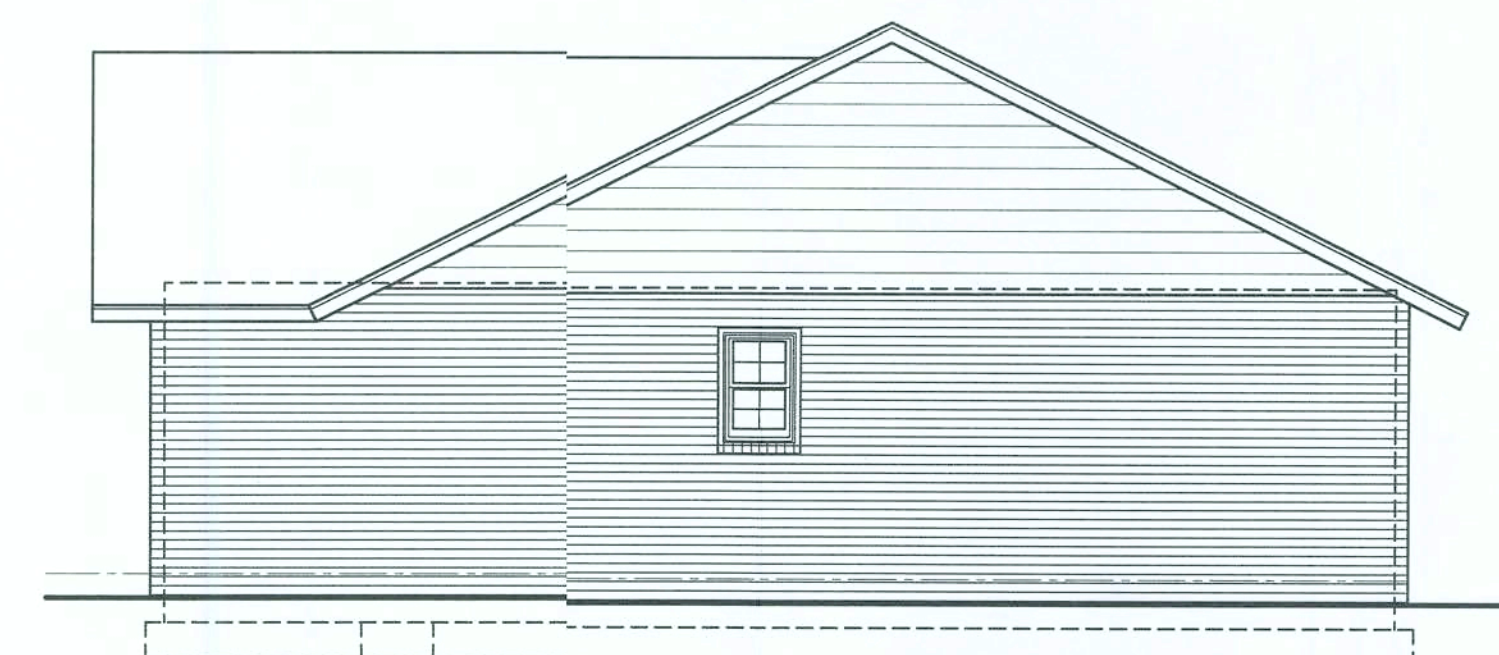
EXTERIOR FINISH MATERIALS:

- 1 CONT. RIDGE VENT TO MATCH ROOFING
- 2 FINISH ROOFING AS SELECTED BY OWNER
- 3 MTL. FLASHING ON 1X6 CYPRESS FASCIA
- 4 PORCH BEAM - SEE PLANS FOR SIZE
- 5 STEEL ENTRY DOOR, STYLE AS SELECTED BY THE OWNER - PAINTED FINISH
- 6 BRICK VENEER - COLOR, STYLE & PATTERN AS SELECTED BY THE OWNER
- 7 CONCRETE PORCH DECK, W/ WOOD FLOAT FINISH & TOOLED EDGES
- 8 SINGLE HUNG ALUMINUM WINDOWS W/ DBL. GLAZING, AS SELECTED BY OWNER
- 9 PORCH POST - SEE PLANS FOR SIZE
- 10 VINYL SIDING, STYLE & COLOR AS SELECTED BY THE OWNER



Right Side ELEVATION

SCALE: 3/16" = 1'-0"



Left Side ELEVATION

SCALE: 3/16" = 1'-0"

WINDOW SCHEDULE

MARK	DESCRIPTION	INSTALLATION	MODEL
2030	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 3 PER FLANGE, MAX. 18" O.C.	SERIES 650 -
3030	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 3 PER FLANGE, MAX. 18" O.C.	SERIES 650 -
3050	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 3 PER FLANGE, MAX. 18" O.C.	SERIES 650 -
2-3050	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 5 PER FLANGE, MAX. 18" O.C.	SERIES 650 -
4050	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 4 PER FLANGE, MAX. 18" O.C.	SERIES 650 -

ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MI HOME PRODUCTS, INC." - OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS.

NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

NOTE !!!

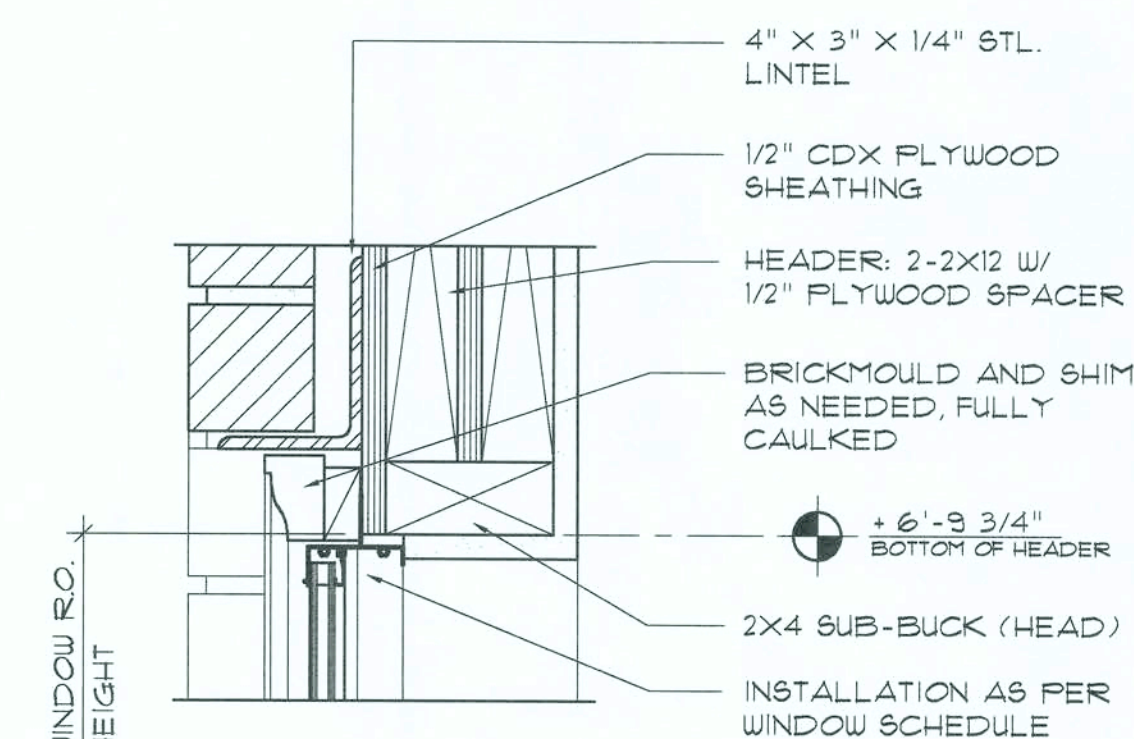
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSULING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

NOTE !!!

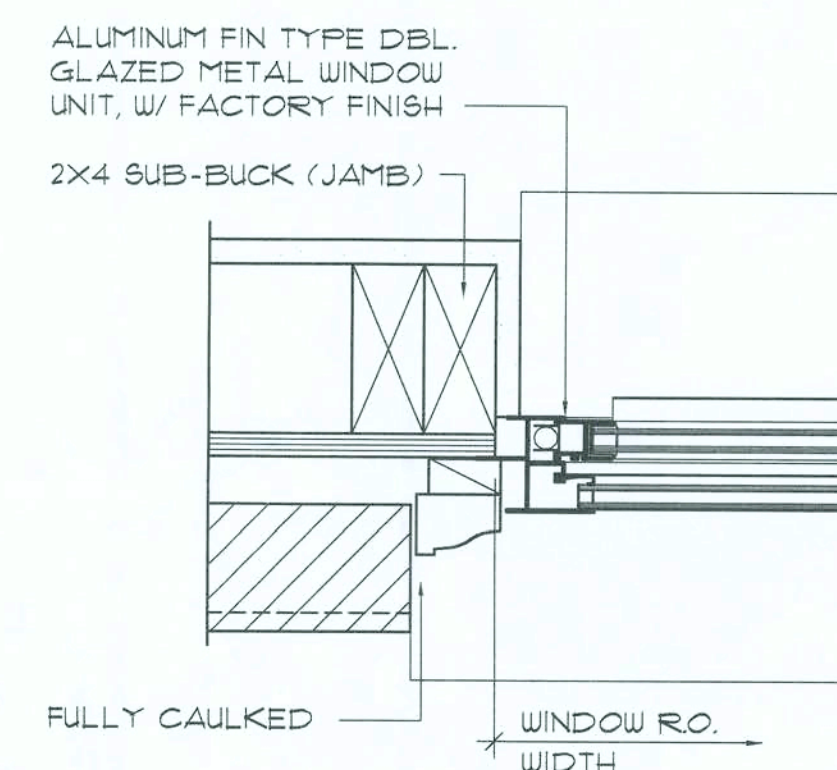
WINDOW ASSEMBLIES SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCTS:

"MI HOME PRODUCTS, INC." SERIES 450/650 ALUMINUM WINDOWS, SINGLE HUNG, 1, 2 & 3 MULLED UNITS, PICTURE WINDOWS & SLIDING GLASS DOORS
PER ASTM E 283, ASTM E 330 & ASTM E 541



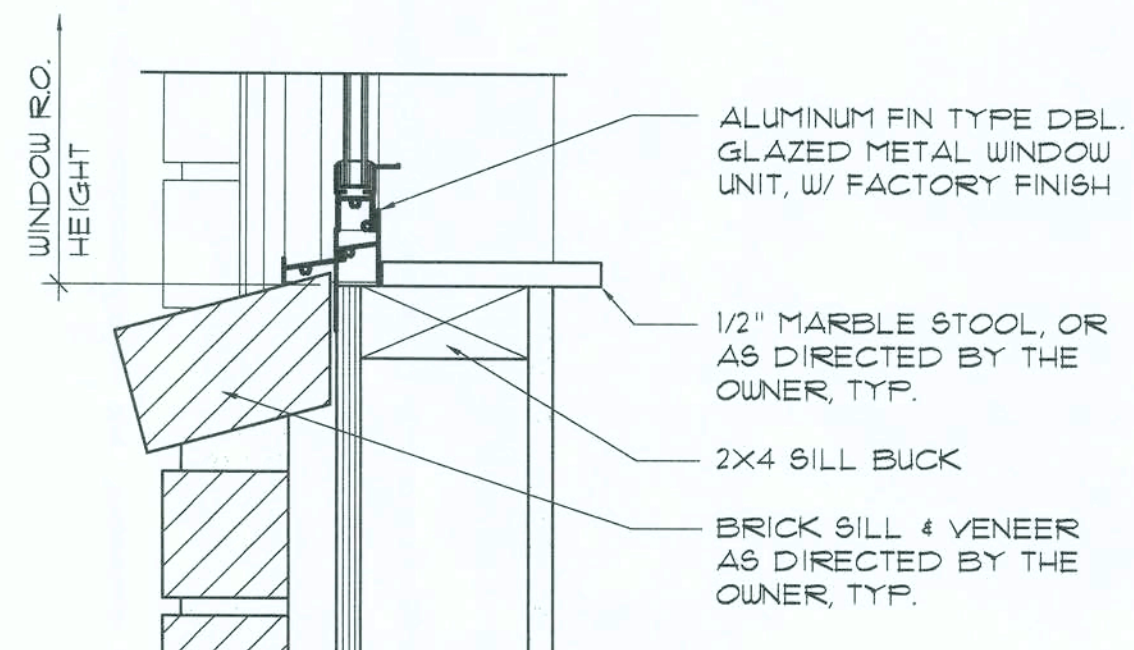
HEAD DETAIL MTL. SASH

1



JAMB DETAILS MTL. SASH

2



SILL DETAIL MTL. SASH

3

Typ. Window DET'S

SCALE: 3" = 1'-0"

A

REVISION:

Copyright, 2006
N.P. Gesler, Architect

DRAWN:

198

STANDARD HOME PLAN:
PROJECT TITLE
for C&S CONSTRUCTION, LAKE CITY, FLORIDA
ELEVATIONS

C & S
CONSTRUCTION
1745 NW Brown Rd.
Lake City, FL 32055
352/758-6608

NICHOLAS
GESLER
ARCHITECT
N.C.A.R.T. Certified
1745 NW Brown Rd.
Lake City, FL 32055
352/758-6608

DATE:

19 SEP 2006

COMM:

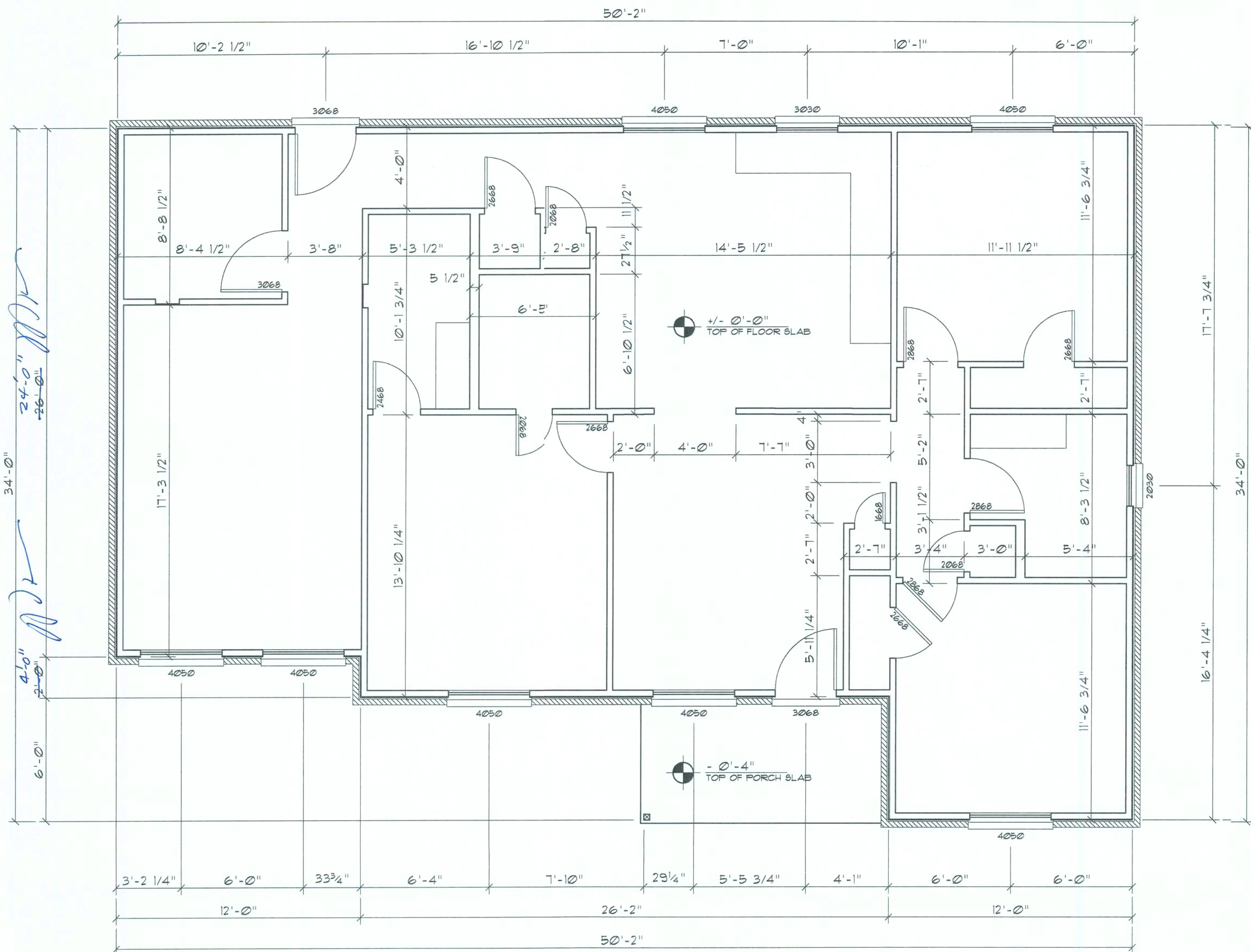
2K644

SHEET:

A.1

1 of 6





Dimension PLAN

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

NOTE:
ALL INTERIOR PARTITION WALLS ARE
3/2" THICK, UNLESS NOTED OTHERWISE.

NOTE:
ALL EXTERIOR WALLS ARE 2X4 STUDS W/
1/2" THICK CDX PLWD. SHEATHING (4")

NOTE:
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON
THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH
THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES
TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE
SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY
THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL
LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED
CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE
ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS
DIRECTED BY THE OWNER.

NOTE:
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET
LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF
BACKING TO BE 1'-0" AFF.

AREA CALCULATION

GROSS LIVING AREA:	1452.7 SF
COVERED PORCH AREA:	68.3 SF
TOTAL AREA:	1521.0 SF

ELECTRICAL PLAN NOTES

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT
PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE
TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY
BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL
BE INTERLOCKED TOGETHER. INSTALL INSIDE AND
NEAR ALL BEDROOMS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE
DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S
DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE
SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR. SHALL PREPARE "AS-BUILT" SHOP
DUGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY
CHANGES TO THE ELEC. PLAN, ADDING TO THE ELEC. PLAN,
RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS
IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR. SERVICE ENT.
& ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH.
RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT
TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DUGS
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

ALL RECEPTICALS IN ALL BEDROOMS SHALL BE ARC FAULT
INTERRUPTER TYPE (AFI).

ALL RECEPTICALS IN KITCHEN AND BATHS SHALL BE GROUND
FAULT INTERRUPTER TYPE (GFI).

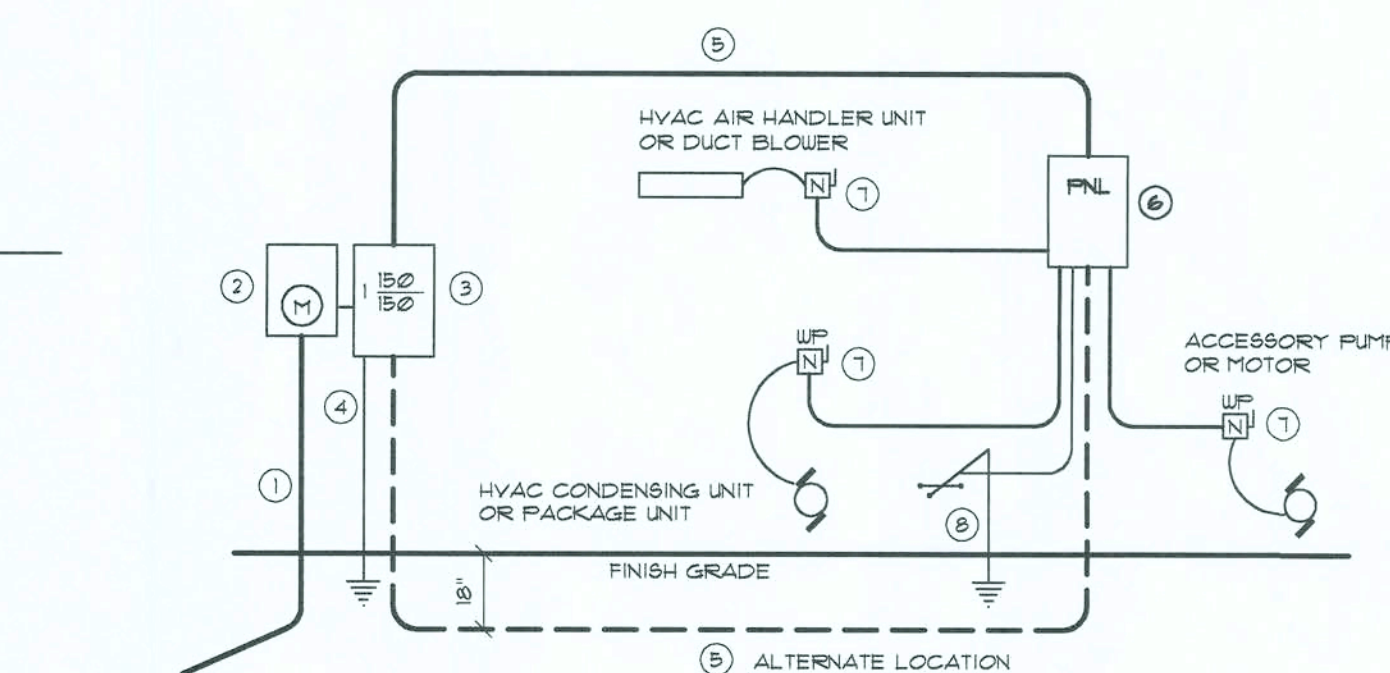
ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF
GROUND FAULT INTERRUPTER TYPE (WFGFI).

ELECTRICAL SYMBOLS

- 1 8PST WALL SWITCH
- 2 DPDT WALL SWITCH (3-WAY)
- 3 DUPLEX WALL RECEPTACLE
- 4 DUPLEX WALL RECEPT. BELOW COUNTER
- 5 240V OUTLET
- 6 GND FAULT INTERRUPTER DUPLEX RECEPT.
- 7 WEATHER PROOF GFI DUPLEX RECEPT.
- 8 DUPLEX WALL RECEPTACLE, 1/2 SWITCHED
- 9 MOTOR
- 10 ELECTRICAL PANEL
- 11 EXHAUST FAN
- 12 DBL. LAMP INC. FLOOD LIGHT
- 13 CEILING FAN W/ INC. LIGHT FIXTURE
- 14 INC. LIGHT FIXTURE
- 15 SMOKE DETECTOR, 120V
- 16 4 TUBE FLU. PNEUMATIC WRAP SURFACE FIXTURE
- 17 CHIME
- 18 MOMENTARY PUSHBUTTON SWITCH, LIGHTED
- 19 SWITCH/FIXTURE WIRING
- 20 CONTROL WIRE: - LOW VOLTAGE
- 21 NON-FUSED DISC. SWITCH
- 22 TELEPHONE
- 23 TELEVISION OUTLET
- 24 HVAC THERMOSTAT, 60° AFF

Floor PLAN

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



- 1 Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min. 8" deep w/ continuous Ground Bonding Conductor; Service/Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- 2 Meter Enclosure, weatherproof, UL Listed.
- 3 Main Disconnect Switch: fused or Main BRKR, weatherproof, UL Listed.
- 4 Service entrance Ground: 1/2" x 8'-0" long and/or concrete encased foundation steel rebar x 2'-0" long. Grounding Conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item 5, below.
- 5 150 AMPERE SERVICE: 3-1/4" USE-Cu, 1-1/2" Cu-GND, 1/2" Conduit.
- 6 House Panel (FNL), UL Listed, sized per schedule.
- 7 Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Schedule loads.
- 8 Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

NOTE:
THE MINIMUM AIC RATING FOR PANEL, BOARDS, BRKRS
AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.

ELECTRICAL RISER DIAGRAM: 150A

SCALE: NONE

ELECTRICAL COMPUTATIONS

General Lighting/Receptacles @ 3w/ft	4563.0w
1521.0 sf x 3w =	
Washer Circuit	1500.0w
Dishwasher Circuit	1500.0w
Sm. Appliance Circuits (3 @ 1500w)	4500.0w
Sub-Total	12063.0w
1st 3KW @ 100%	3000.0w
Bal. of KW @ 35%	3172.0w

Fixed Appliances:	
Refrigerator	1200.0w
Cig. Fans (5 @ 200w)	1000.0w
Water Well Pump	1200.0w
EUH	4500.0w
Spare (8 @ 400w)	3200.0w

Sub-Total	11100.0w
Load @ 75% D.F.	8325.0w

100% Demand Factor Loads:	
Dryer	5000.0w
Range	8000.0w
HVAC System (8.0kw Strip Heat)	8000.0w

Total Demand Load:	35497.0w
--------------------	----------

SERVICE SIZE: 35497.0w / 240v = 147.90 Amperes
USE: 3 #1 THW w/ 1 #6 Cu GND / 2 1/2" C.

PANEL SCHEDULE

PANEL "L": 150A - MLO - 120/240V - 1ø - 4 WIRE
40 SLOT - FLUSH MOUNT

Cir. Nr.	Location	Trip Poles	Wire Size	Load
1-8	Lighting/Recept.	15A/1P	14NM	4563W
9	Dishwasher	20A/1P	12NM	1500W
10-12	Sm. Klt. Appliances	15A/1P	14NM	4500W
13-14	Ceiling Fans	15A/1P	14NM	1200W
15-17	EUH	30A/2P	10NM	3000W
18	Refrigerator	15A/1P	14NM	1200W
19	Spare	-	-	400W
20-22	Range	50A/2P	6NM	8000W
23-25	Water Well	20A/2P	12NM	1200W
26-28	Dryer	30A/2P	10NM	5000W
29-31	HVAC CU	40A/2P	8NM	(3600W)
32-34	HVAC AHU	45A/2P	8NM	8000W
35-36	Spare	-	-	2000W
37-40	Spare	-	-	0W
TOTAL CONNECTED LOAD:				41363W

REVISION:

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DRAWN:

198

STANDARD HOME PLAN:
PROJECT TITLE
for CIG CONSTRUCTION, LAKE CITY, FLORIDA
FLOOR PLAN & DIMENSIONS

C & S
CONSTRUCTION
1756 NW Brown Rd.
Lake City, FL 32055
386/755-6606

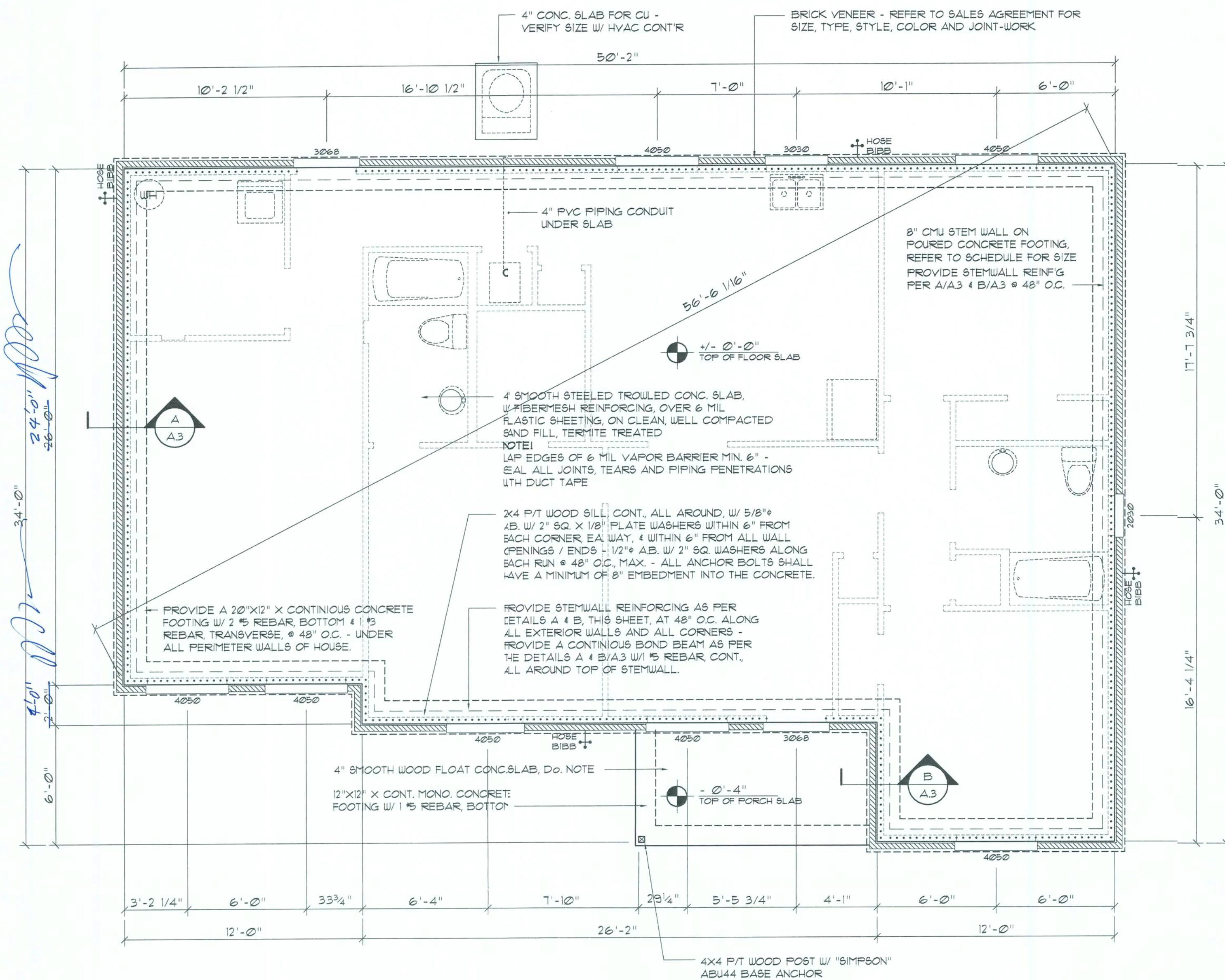
NICHOLAS
PAUL
GESLER
ARCHITECT
NCA/RSB Certified

DATE:
19 SEP 2006

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A.2
2 OF 6

AR0007005



Foundation PLAN

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

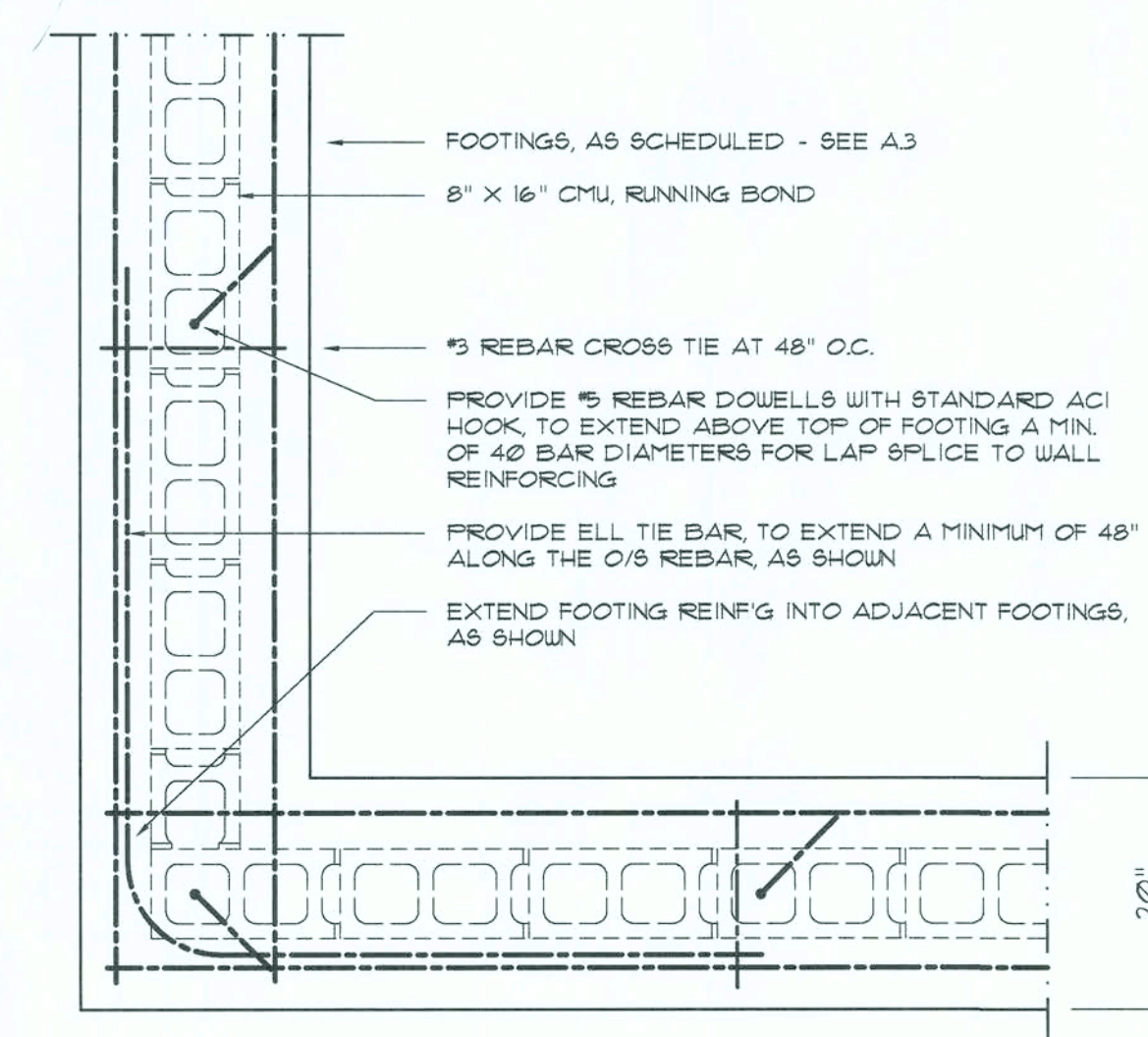
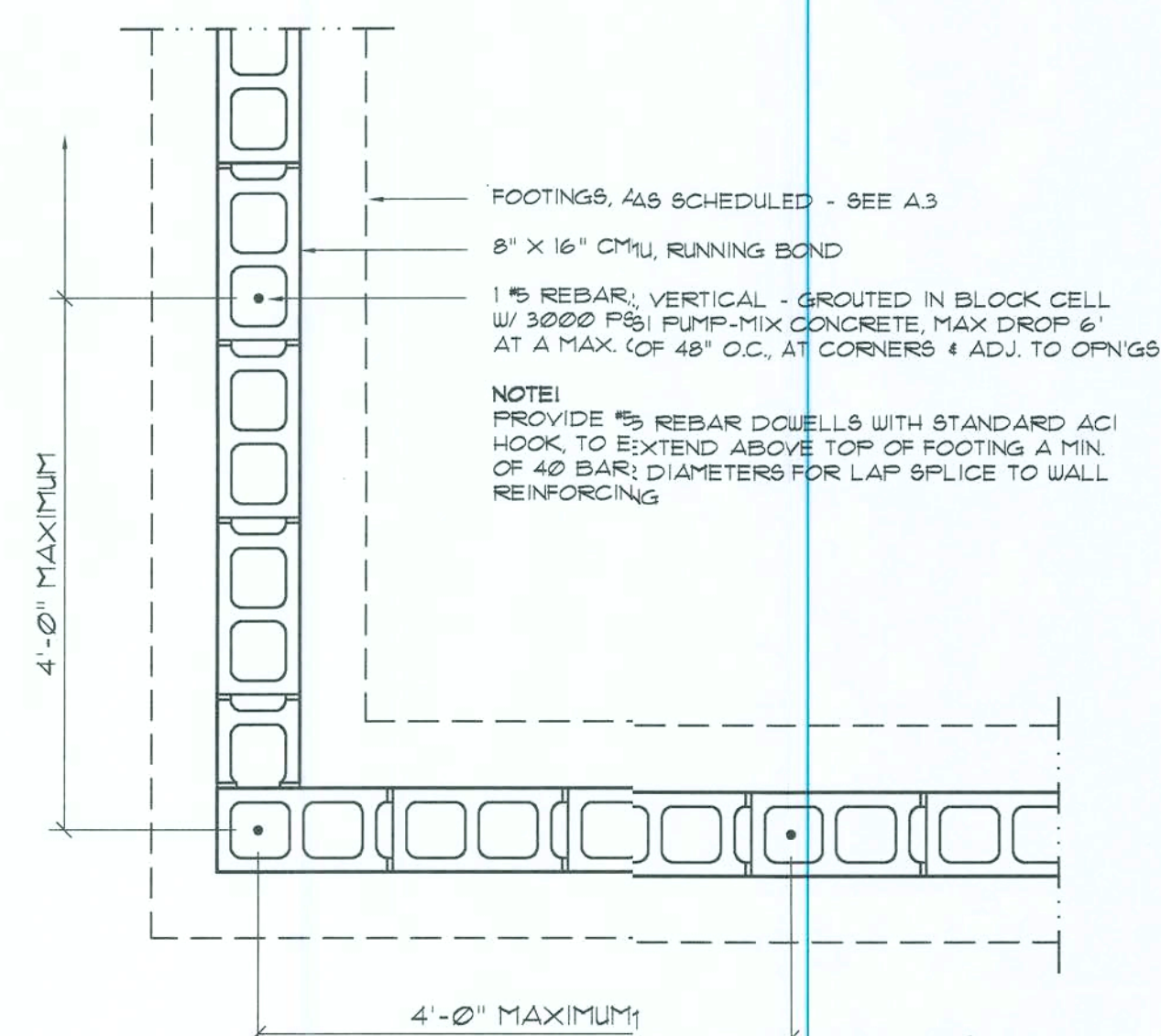
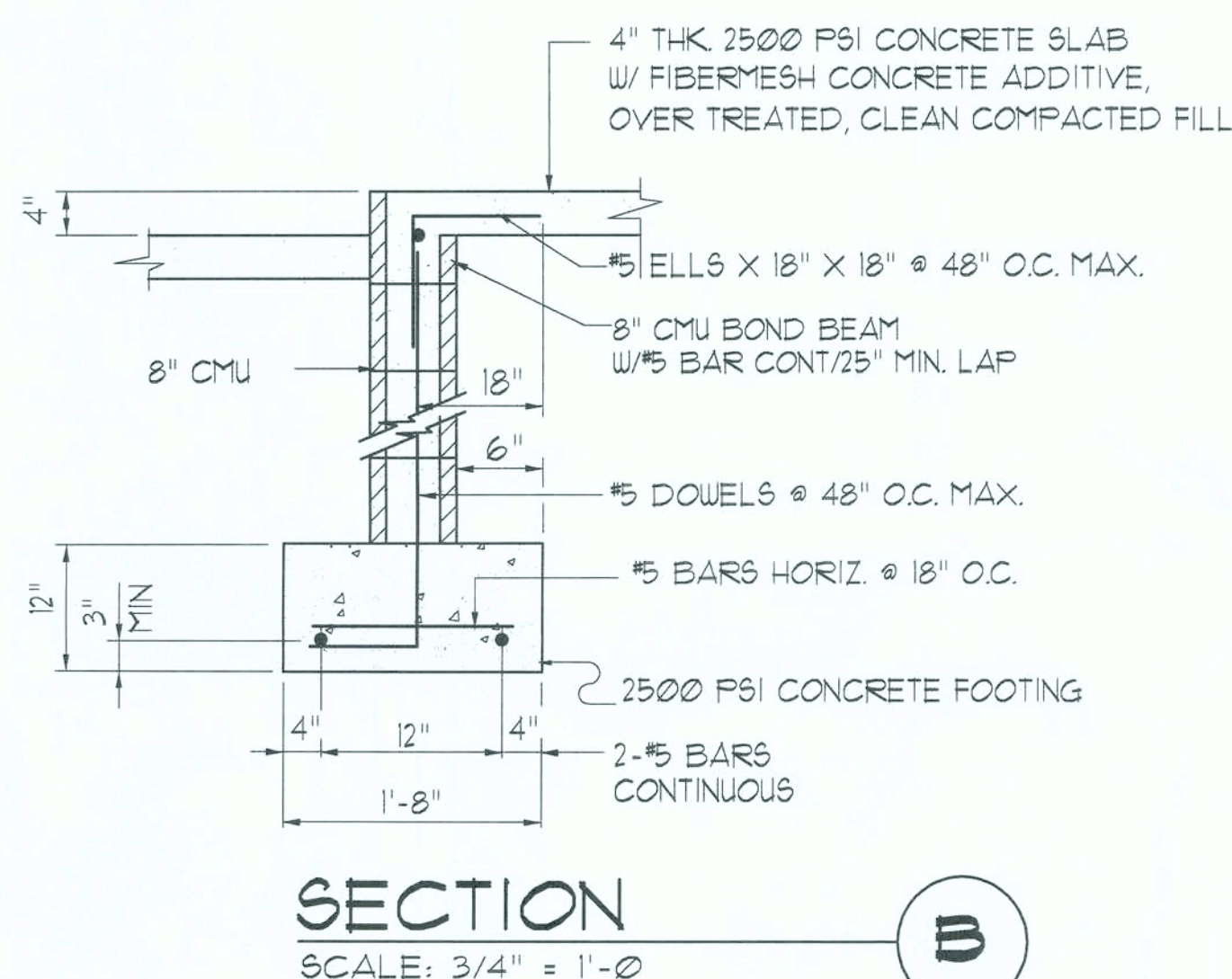
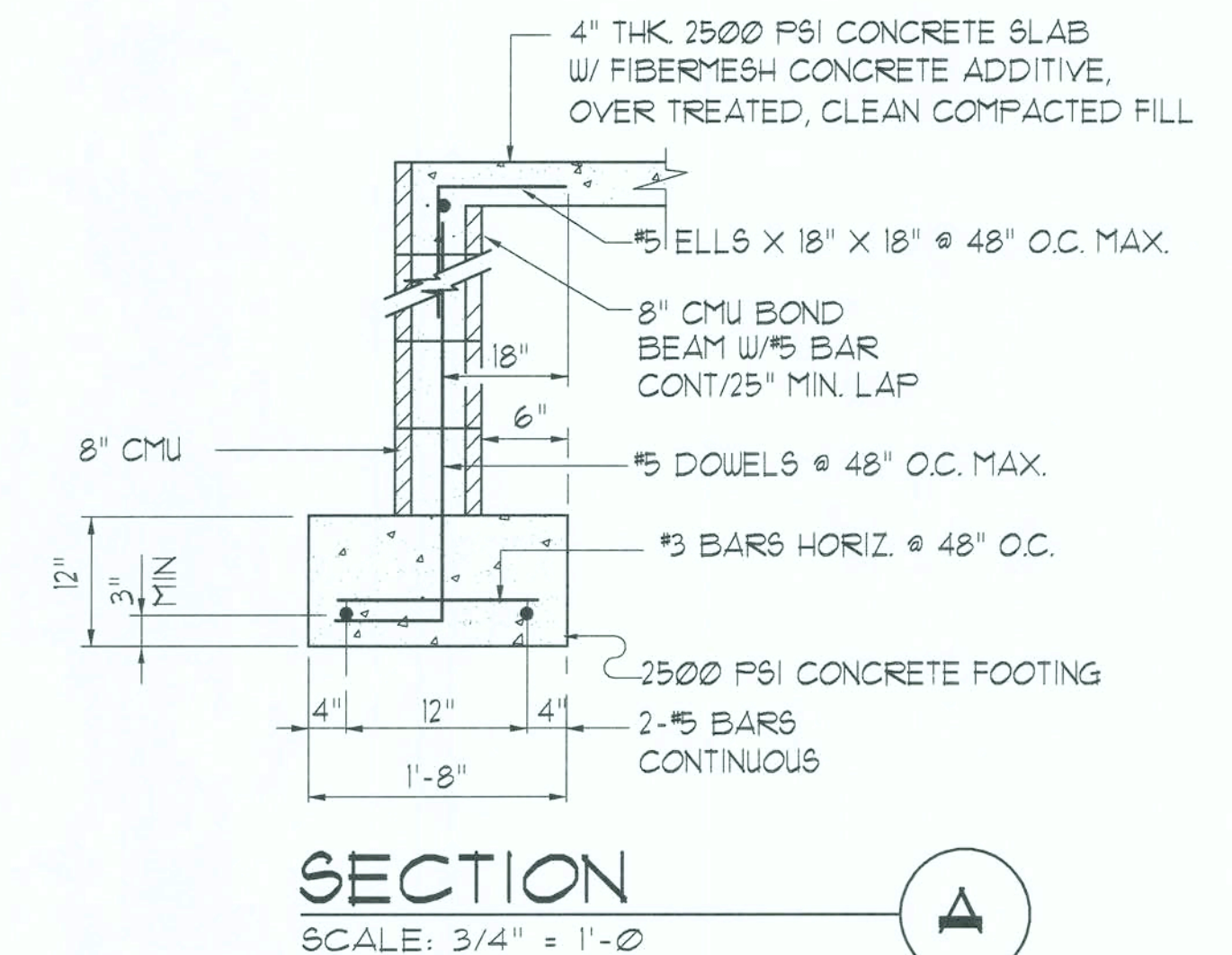
..... SHEAR WALL SEGMENTS, SEE A6
(ALL EXT. WALLS, LESS DOOR OPENING)

NOTE!
THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

NOTE!
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

NOTE!
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



Wall/Foundation Reinf'g DETAIL

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

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trusses @ 24" O
Walls: 2x4 Wood Studs @ 16" O.C.
Floor: 4" THK. Concrete Slab w/ Fibermesh Concrete Additive
Foundation: Continuous Footer/Stem Wall

ROOF DECKING

Material: 7/16" OSB
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing
Fasteners: 8d Common Nails per schedule on sheet A6

SHEARWALLS

Material: 7/16" OSB
Sheet Size: 48"x96" (129") (129") Sheets Placed Vertical
Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior
Dragstrut: Double Top Plate (5" x 5") w/ 16d Nails @ 12" O.C.
Wall Studs: 2x4 Hem Fir Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: Simpson H25a @ Ea. Truss End (Typ. UON)
Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts: 1/2" A307 Bolts @ 48" O.C.
Corner Hold-down Device: 1 - 1/2" All-Thread Rod ea. corner from RND thru Plate, w/ 3" sq. Washer & Plate
Forch Column Base Connector: Simpson ABU66 @ each column
Forch Column to Beam Connector: Simpson EFC66 @ each column

FOOTINGS AND FOUNDATIONS

Footing: 20"x10" Cont. w/ 2#5 Bars Cont. & 4# Chairs @ 60" O.C.
Stemwall: 8" CMU w/ 1#5 Vertical Dovel @ 48" O.C.

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION.

BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	1 = 1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MUFRS PER TABLE 1609.2A (FBC 2004)	ROOF: - 23.1 PSF WALLS: + 26.6 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADDING PER TABLES 1609.2B & 1609.2C (FBC 2004)	OPNGS: + 21.8 / - 29.1 PSF EAVES: - 6.83 PSF ROOF: + 19.9 / - 25.5 PSF

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX Fc = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX Fc = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT, MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - Fm = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

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1/18

STANDARD HOME PLAN:
PROJECT TITLE
for C45 CONSTRUCTION, LAKE CITY, FLORIDA
FOUNDATION PLAN & DETAILS

C & S
CONSTRUCTION
784 S. EMME STREET, LAKE CITY, FLORIDA 32055
TEL: 407-597-7555

NICHOLAS
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ARCHITECT
1755 NW. BROWN RD.
LAKE CITY, FL 32055
385/755-6606

DATE:

19 SEP 2006

COMM:

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SHEET:

A3

3 OF 6

APR007005

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NOTE!
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE.

NOTE!
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL B ON SHEET A.4.

NOTE!
THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS.

NOTE!
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET A.5 FOR ALL MINIMUM SIZE HEADERS AND ALTERNATES MINIMUM SIZE ALLOWABLE IS 2-2X10.

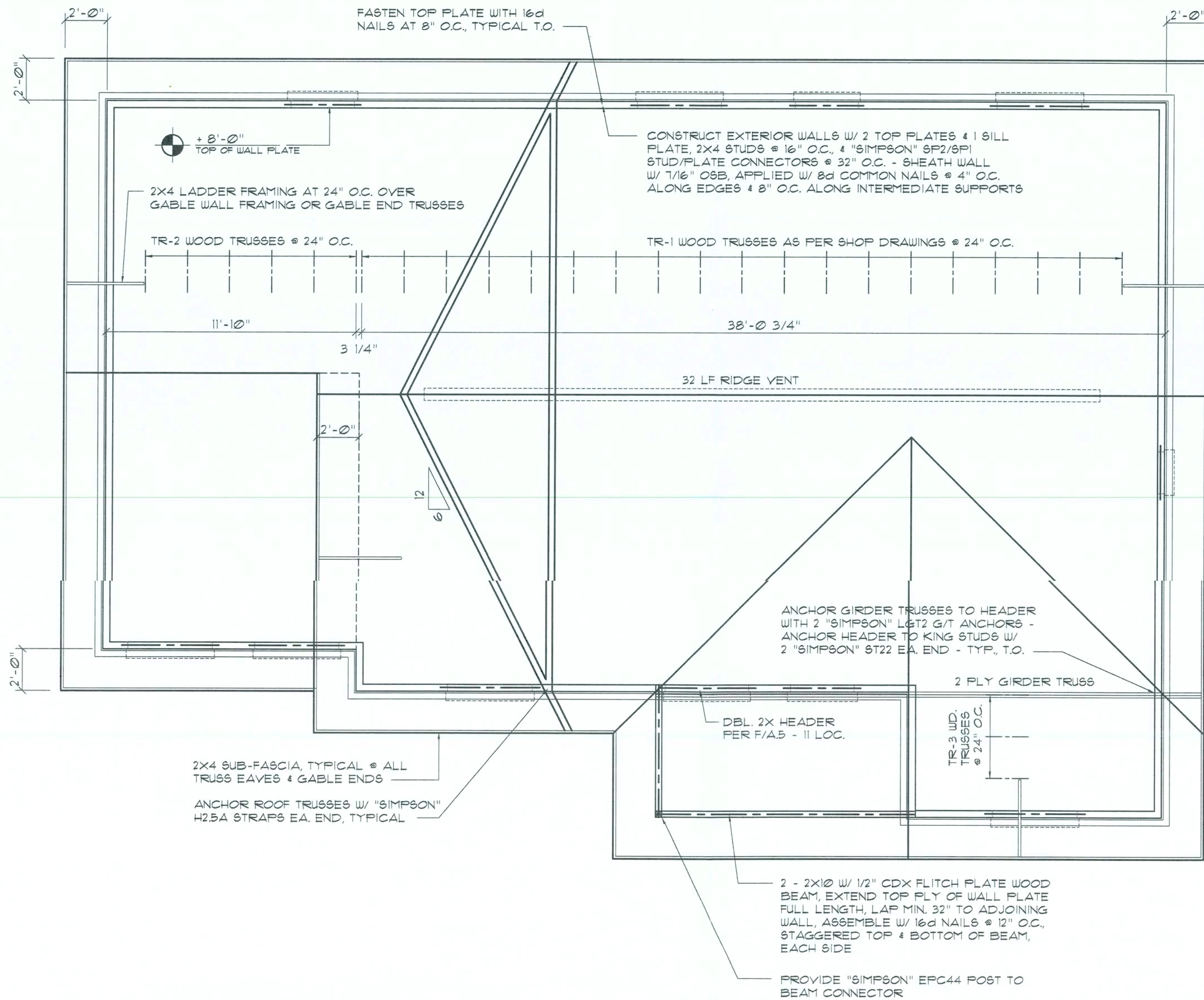
NOTE!
PROVIDE STEEL LINTELS AT ALL WINDOW/DOOR HEADS TO CARRY BRICK ABOVE: L 4 X 3 X 1/4" FOR SPANS UP TO 8'-0" AND L 4 X 3 X 3/8" FOR SPANS UP TO 12'-0"; LENGTH = SPAN + 8".

ROOF PLAN NOTES

- R-1 ALL ROOF PITCH 6/12
R-2 ALL OVERHANG 24" UNLESS OTHERWISE NOTED
R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON A.4
R-4 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

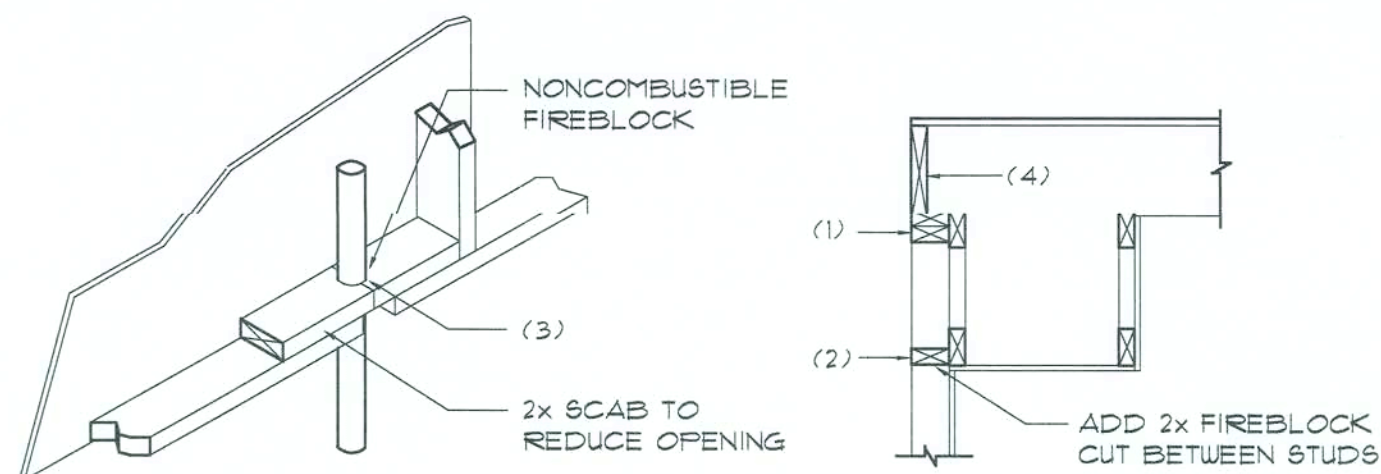
GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.



Roof Framing PLAN

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



PENETRATIONS

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

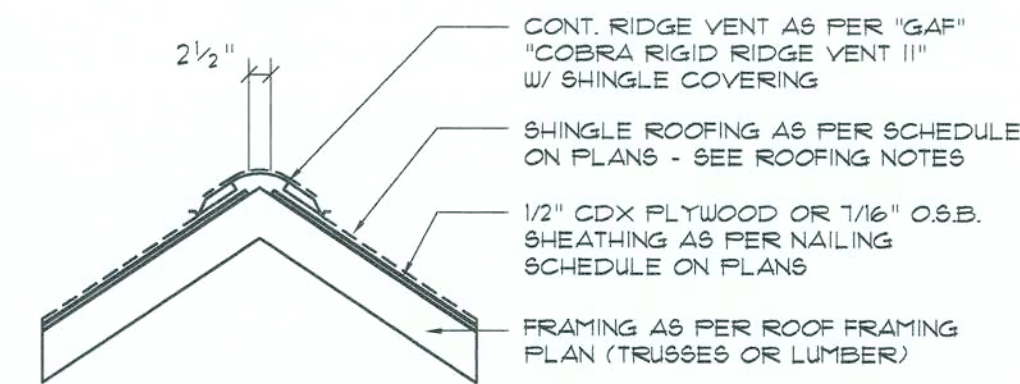
- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTIFLEX SEALANT"
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

A

NOTE!
PROVIDE STEEL LINTELS AT ALL WINDOW/DOOR HEADS TO CARRY BRICK ABOVE: L 4 X 3 X 1/4" FOR SPANS UP TO 6'-0" AND L 4 X 3 X 3/8" FOR SPANS UP TO 10'-0"; LENGTH = SPAN + 8".



MIAMI/DADE PRODUCT APPROVAL REPORT: #36-0713.05

Ridge Vent DETAIL

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

B

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFACTURER/MODEL	CAP.
TRUSS TO WALL:	SEMCO HDPT2, W/ 6 - 10d NAILS	960*
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 20 - 16d NAILS	1785*
HEADER TO KING STUD(S):	SIMPSON ST22	1370*
PLATE TO STUD:	SIMPSON SP2	1065*
STUD TO SILL:	SIMPSON SP1	585*
PORCH BEAM TO POST:	SIMPSON PC66/EFC66	1700*
PORCH POST TO FND.:	SIMPSON ABU66	2300*
MISC. JOINTS	SIMPSON A34	315*/240*

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

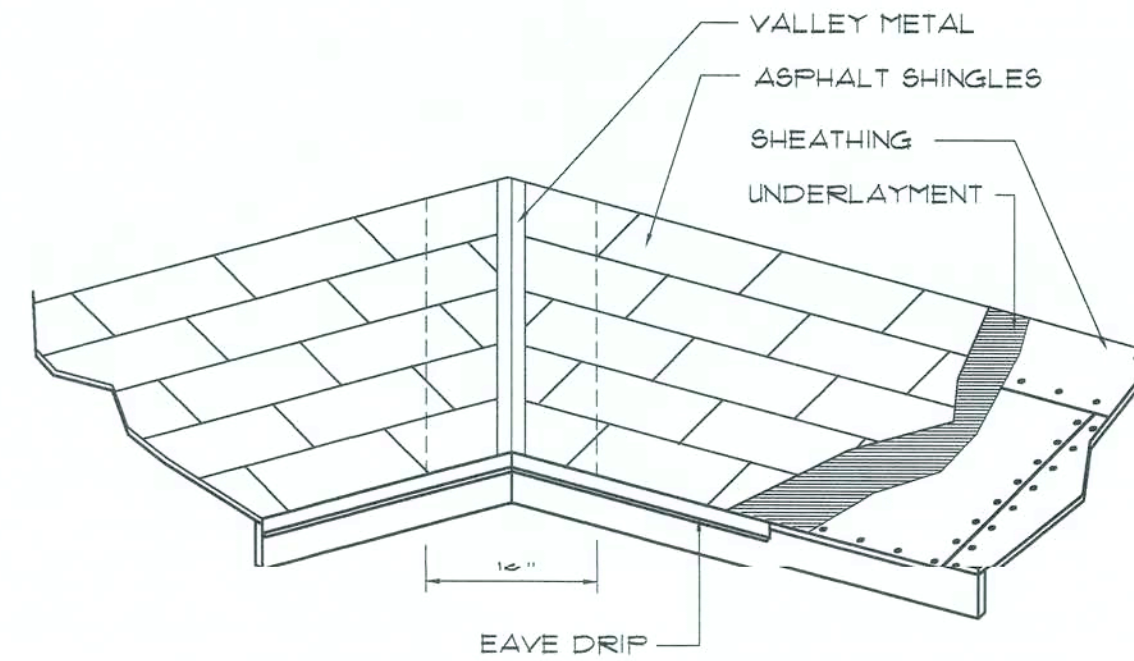
NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SEMCO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #35-0818.15

NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #31-0107.05, #36-1126.11, #39-0623.04
SBCCI NER-443, NER-393

WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N:2 HEM-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.



VALLEY FLASHING

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.

SCALE: NONE

C

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DRAWN:

mpg

STANDARD HOME PLAN:
PROJECT TITLE
for C16 CONSTRUCTION, LAKE CITY, FLORIDA
ROOF PLAN & DETAILS

C & S
CONSTRUCTION
INC. #39005502
784 S. W. 11TH STREET, LAKE CITY, FLORIDA 33505
P.O. BOX 1000, LAKE CITY, FLORIDA 33505

NICHOLAS
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ARCHITECT
17258 NW Brown Rd.
Lakeland, FL 33805
352/725-1500
N.C.A.A. Registered

DATE:

19 SEP 2006

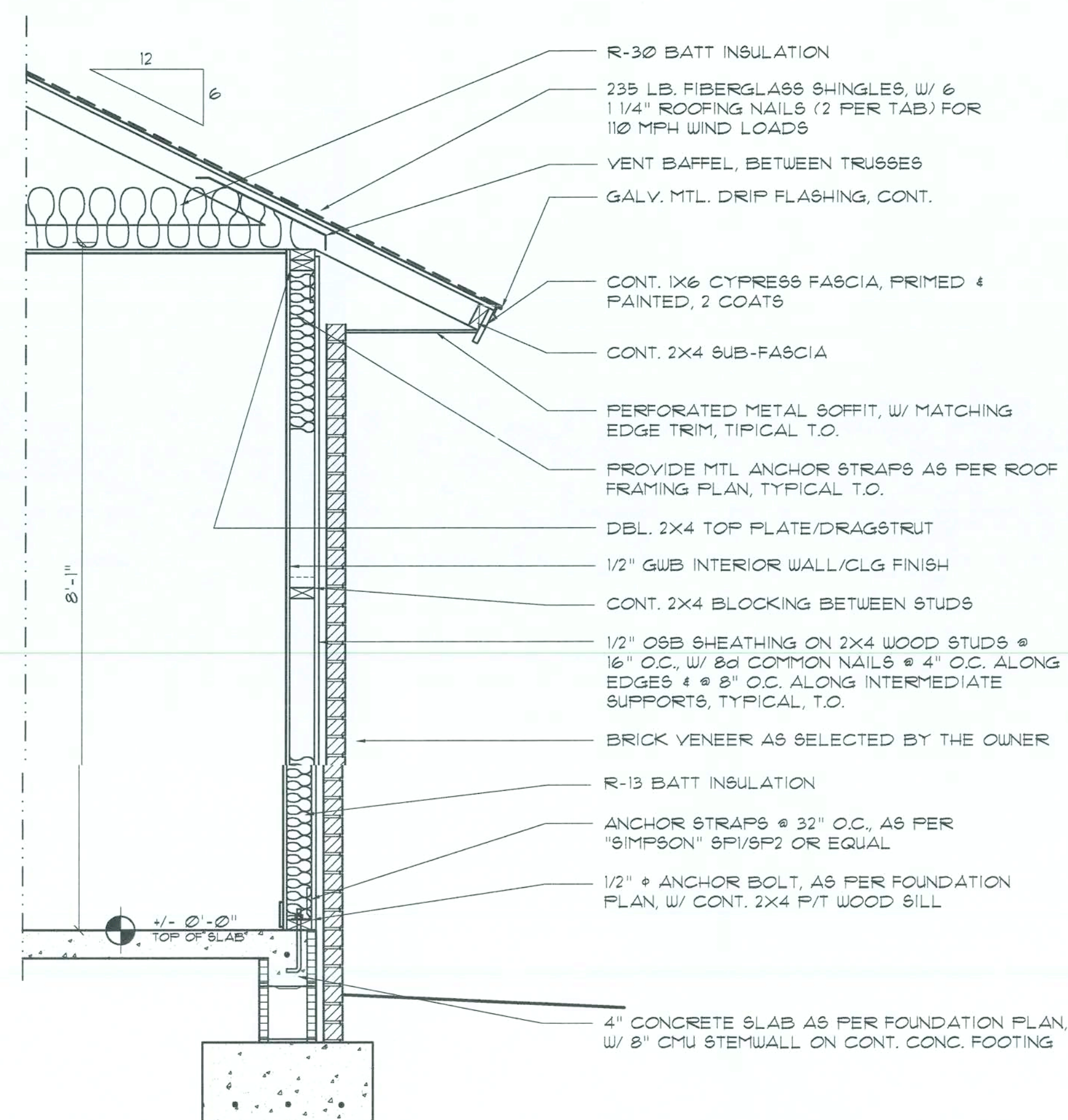
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2K644

SHEET:

A.4
4 OF 6

AR0007005



GENERAL MILLWORK NOTES:

C. PLUMBING "AS-BUILT" DRAWINGS
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

GENERAL H.V.A.C. NOTES:

18. COORDINATE W/ THE ELECTRICIAN, PARTICULARLY ELECTRICAL NOTE Nr. 29, TC ASSURE SUITABLE SIZES OF BREAKERS, SWITCHES AND WIRING.

ELECTRICAL NOTES: General

GENERAL WELL & SEPTIC NOTES:

30. ELECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT CURRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

DESIGN VALUES/LOADS & CODES

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS.
SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE
ITEMS NOT DIMENSIONED.

CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

INORGANIC ARSENICAL PRESSURE TREATED WOOD

SOME FRAMING MATERIALS SPECIFIED FOR THE CONSTRUCTION OF YOUR PROJECT SUCH AS SILLS OR EXTERIOR FRAMING ARE PRESSURE TREATED. EACH PIECE IS CLEARLY MARKED FOR EASY IDENTIFICATION AND IS USUALLY GREENISH IN COLOR.

THIS WOOD HAS BEEN PRESERVED BY PRESSURE-TREATMENT WITH AN EPA REGISTERED PESTICIDE CONTAINING INORGANIC ARSENIC TO PROTECT IT FROM INSECT ATTACK AND DECAY. EXPOSURE TO TREATED WOOD MAY PRESENT CERTAIN HAZARDS. THEREFORE, PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

FOR FURTHER INFORMATION ON THE USE OF AND DISPOSAL OF INORGANIC ARSENIC PRESSURE TREATED WOOD, PLEASE REFER TO THE EPA MATERIAL SAFETY SHEET DEALING WITH THIS PRODUCT.

General Roofing NOTES:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12
OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT
IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226,
TYPE I, OR ASTM D 4869, TYPE I.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 197

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING,
AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 1071-95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM
OF TWO LAYERS APPLIED AS FOLLOWS:

1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:

STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS: BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 71 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S

INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:

1. OPEN VALLEYS: VALLEY LINING WITH METAL: THE VALLEY LINING SHALL BE 1/8" THICK 16 GA. GALV. STEEL OR ANY OF THE CORROSION RESISTANT METALS IN FBCT TABLE 19013.9.2.
2. OPEN VALLEYS: VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
 1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
 2. SPECIALTY UNDERLAYMENT ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
 3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE 1 COMPLYING WITH ASTM D 1910.

REVISION

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N.P. Geisler, Architect

DRAWN

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STANDARD HOME PLAN:
PROJECT TITLE
for C&S CONSTRUCTION, LAKE CITY, FLORIDA
GENERAL NOTES

C & S
CONCRETE ACTION
Llc. # RR0066502
32025
LAKE STREET • LAKE CITY, FLORIDA
RICHARD COX • 386-765-7200

**NICHOLAS
PAUL
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ARCHITECT
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1758 NW Brown Rd.
Lake City, FL 32055
386/726-6608
N.C.A.R.B. Certified

DATE:
19 SEP 2000

COMME

2K644

SHEET:

A.6
6 OF 6

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