Noling Pest Control
Cory Noling. Owner
Phone (386)454-3888
(386) 935-2007
P.O. Box 949
High Springs, Florida 32655-0949

GRAPH AND SPECIFICATIONS

28684

BUYER'S NAME Scott Dawoy SELLER'S NAME _____ DATE 7-5-10

INSPECTION ADDRESS 71 SW CITY Ft White STATE Fla ZIP 32038

BUSINESS PHONE _____ HOME PHONE _____ INSPECTED BY: Cory

Scale Used: _____ Well: ☐ Yes ☐ No How close to house? _____ ft. Additions? ☐ Yes ☐ No Access? _____

Additional specifications and comments: Graph not to Sq ft Premise Pro 20
Slab

Lineal Footage: 268 Lf Square Footage: 2340 Sq ft Contract Price:

Type Foundation: ☐ Floating Slab ☐ Supported Slab ☐ Monolithic Slab ☐ Crawl ☐ Basement Type Construction: ☐ CBS ☐ Woodframe ☐ Brick

Type Infestation Key

T-Subterranean Termite Activity
D - Drywood Termite Activity
ST - Suspected Termite Activity
P - Powder Post Beetles
W - Wood Borers
M - Moisture Condition
F - Wood Decaying Fungi
X-Damage Present
. . . - Vertical Drill Location

Location Key

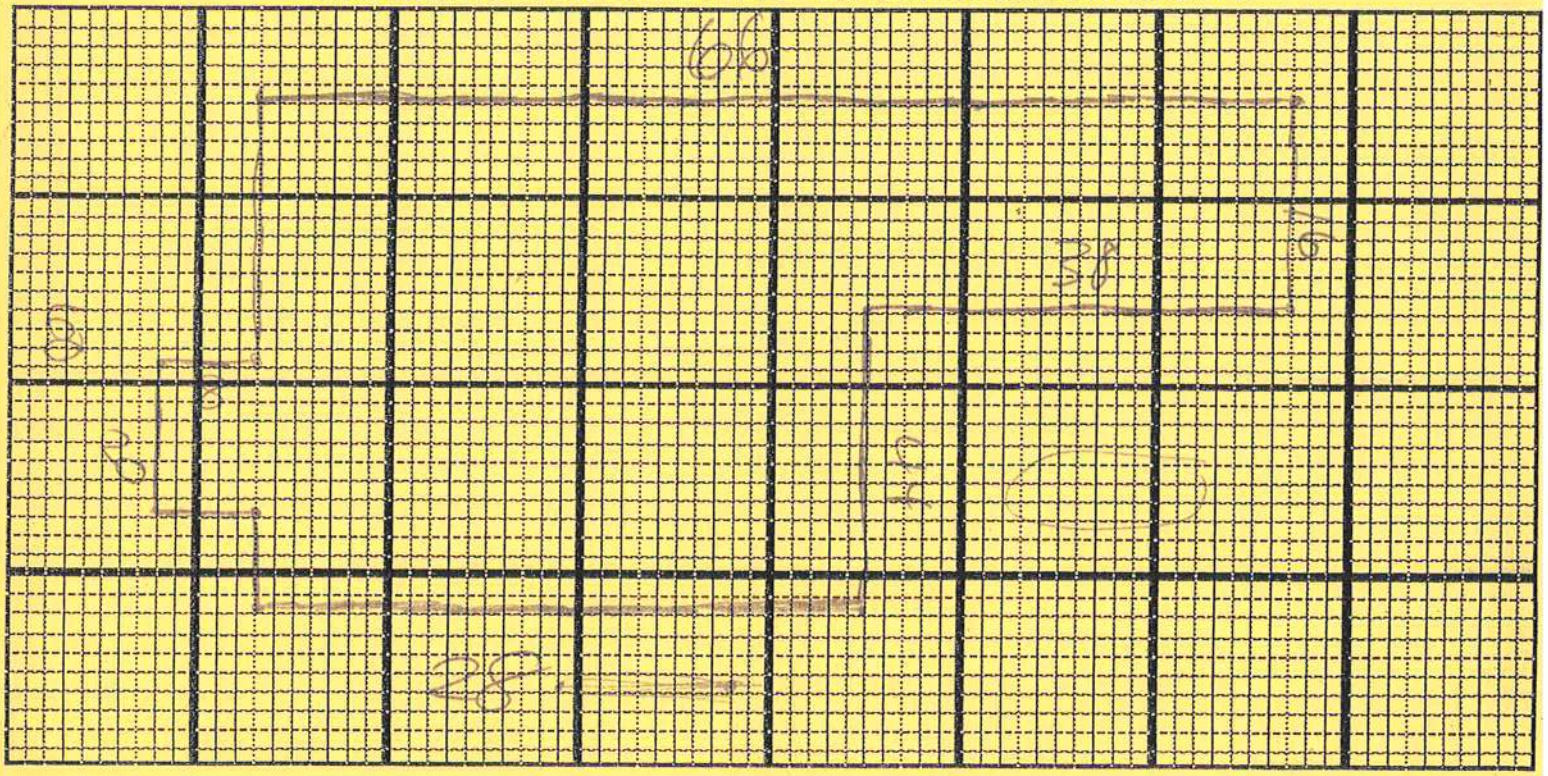
F - Front R - Right L - Left RE - Rear C-Center

Infested Area	Type	Location
☐ Sills / Joists		
☐ Sub Floor		
☐ Finished Floor		
☐ Walls, Studs, Plates		
☐ Interior Trim		
☐ Paneled Wall		
☐ Door/Window Frame		
☐ Furniture/Cabinets		
☐ Attic		
☐ Roof		

General Conditions

Stucco below grade? Yes ☐ No ☐
Are Termites swarming? Yes ☐ No ☐
Wood supports on ground? Yes ☐ No ☐
Proper clearance for treating? Yes ☐ No ☐
Make A3access opening? Yes ☐ No ☐
Electricity available? Yes ☐ No ☐
Bath trap opening? Yes ☐ No ☐
Shrubbery Light ☐ Heavy ☐
Type Floor Covering: _____
Other: _____

VISIBLE DAMAGE WHICH EXISTS AT THE TIME OF THE INSPECTION IS DESIGNATED BY AN "X"



FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name:	PF10-072	Builder Name:	
Street:		Permit Office:	Columbia
City, State, Zip:	, FL ,	Permit Number:	28649
Owner:	ZAWOY	Jurisdiction:	221000
Design Location:	FL, Gainesville		

1. New construction or existing	New (From Plans)			
2. Single family or multiple family	Single-family			
3. Number of units, if multiple family	1			
4. Number of Bedrooms	1			
5. Is this a worst case?	No			
6. Conditioned floor area (ft²)	2321			
7. Windows	Description		Area	
a. U-Factor: SHGC:	Dbl, U=0.35 SHGC=0.37		118.33	ft²
b. U-Factor: SHGC:	N/A			ft²
c. U-Factor: SHGC:	N/A			ft²
d. U-Factor: SHGC:	N/A			ft²
e. U-Factor: SHGC:	N/A			ft²
8. Floor Types		Insulation	Area	
a. Slab-On-Grade Edge Insulation		R=6.0	2321.00	ft²
b. N/A		R=		ft²
c. N/A		R=		ft²

9. Wall Types	Insulation	Area	
a. Frame - Wood, Exterior	R=13.0	2945.00	ft²
b. N/A	R=		ft²
c. N/A	R=		ft²
d. N/A	R=		ft²
10. Ceiling Types	Insulation	Area	
a. Under Attic (Vented)	R=30.0	2321.00	ft²
b. N/A	R=		ft²
c. N/A	R=		ft²
11. Ducts (combined)			
a. Sup: Interior Ret: Interior AH: Interior Sup, R= 6, 928.4 ft²			
12. Cooling systems (combined)			
a. Central Unit	Cap: 48.0 kBtu/hr SEER: 13		
13. Heating systems (combined)			
a. Electric Heat Pump	Cap: 48.0 kBtu/hr HSPF: 7.7		
14. Hot water systems			
a. Electric	Cap: 40 gallons EF: 0.92		
b. Conservation features None			
15. Credits	CF		

Glass/Floor Area: 0.051

Total As-Built Modified Loads: 40.67
Total Baseline Loads: 47.59

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: Gary Gill
DATE: 5/2/11

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____
DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____
DATE: _____

PROJECT

Title:	PF10-072	Bedrooms:	1	Adress Type:	Street Address
Building Type:	FLAsBuilt	Conditioned Area:	2321	Lot #	
Owner:	ZAWOY	Total Stories:	1	SubDivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:		Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	COLUMBIA
Jurisdiction:		Whole House Fan:		City, State, Zip:	, FL ,
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

√	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

√	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	268 ft	6	2321 ft²	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Gable or shed	Composition shingles	2514 ft²	484 ft²	Medium	0.96	No	0	22.6 deg

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	2321 ft²	N	N

CEILING

√	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	2321 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Frame - Wood	13	832.5 ft²		0.23	0.75
_____	2	S	Exterior	Frame - Wood	13	832.5 ft²		0.23	0.75
_____	3	E	Exterior	Frame - Wood	13	630 ft²		0.23	0.75
_____	4	W	Exterior	Frame - Wood	13	650 ft²		0.23	0.75

DOORS

√	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	E	Wood	None	0.460000	40 ft²
_____	2	E	Wood	None	0.460000	40 ft²
_____	3	E	Wood	None	0.460000	40 ft²
_____	4	E	Wood	None	0.460000	40 ft²
_____	5	E	Wood	None	0.460000	40 ft²
_____	6	S	Wood	None	0.460000	40 ft²
_____	7	S	Wood	None	0.460000	40 ft²
_____	8	S	Wood	None	0.460000	40 ft²
_____	9	W	Wood	None	0.460000	40 ft²

WINDOWS

Orientation shown is the entered, asBuilt orientation.

√	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	W	Wood	Low-E Double	Yes	0.35	0.37	N	75 ft²	1 ft 0 in	3 ft 0 in	HERS 2006	None
_____	2	W	Wood	Low-E Double	Yes	0.35	0.37	N	13.33333	1 ft 0 in	3 ft 0 in	HERS 2006	None
_____	3	S	Wood	Low-E Double	Yes	0.35	0.37	N	30 ft²	1 ft 0 in	3 ft 0 in	HERS 2006	None

INFILTRATION & VENTING

√	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM	Exhaust CFM	Run Time Fraction	Fan Watts
_____	Default	0.00036	2192	5.67	120.3	226.3	0 cfm	0 cfm	0	0

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ducts
_____	1	Central Unit	None	SEER: 13	24 kBtu/hr	720 cfm	0.75	sys#0
_____	2	Central Unit	None	SEER: 13	24 kBtu/hr	720 cfm	0.75	sys#0

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Ducts
_____	1	Electric Heat Pump	None	HSPF: 7.7	24 kBtu/hr	sys#0
_____	2	Electric Heat Pump	None	HSPF: 7.7	24 kBtu/hr	sys#0

HOT WATER SYSTEM

√	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.92	40 gal	40 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS

✓	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Interior	6	464.2 ft	Interior	116.05	Default Leakage	Interior	(Default)	(Default) %		
_____	2	Interior	6	464.2 ft	Interior	116.05	Default Leakage	Interior	(Default)	(Default) %		

TEMPERATURES

Programable Thermostat: None

Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Heating	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Venting	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

FORM 1100A-08

Code Compliance Cheklist

Residential Whole Building Performance Method A - Details

ADDRESS:	PERMIT #:
, FL,	

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	N1106.AB.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

Monthly Summary Energy Use Report

ZAWOY

, FL,
Registration #:

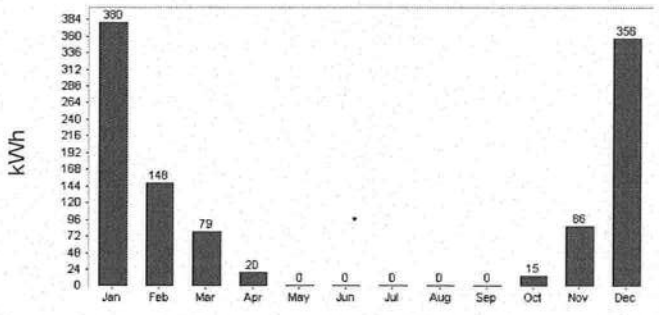
Title: PF10-072
FLAsBuilt

TMY City: FL_GAINESVILLE_R
Elec Util: Florida Average
Gas Util: Florida Average
Run Date: 06/01/2010 10:55:41

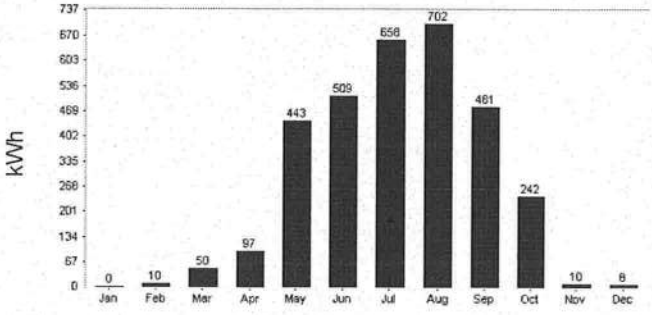
End-Use	Units	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Cooling	kWh	0	10	50	97	443	509	658	702	481	242	10	8	3146
Cooling Fan	kWh	0	2	10	20	90	103	135	144	99	50	2	2	643
Cooling Vent Fan	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Heating	kWh	380	148	79	20	0	0	0	0	0	15	86	356	1084
Heating Fan/Pump	kWh	60	23	12	3	0	0	0	0	0	2	13	56	169
Heating Vent Fan	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Hot Water	kWh	182	163	173	155	146	130	128	128	131	147	157	174	1812
Hot Water Pump	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Ceiling Fans	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Clothes Washer	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Dishwasher	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Dryer	kWh	76	68	76	73	76	73	76	76	73	76	73	76	891
Lighting	kWh	196	177	196	190	196	190	196	196	190	196	190	196	2312
Miscellaneous	kWh	360	325	360	349	360	349	360	360	349	360	349	360	4240
Pool Pump	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Range	kWh	38	34	38	37	38	37	38	38	37	38	37	38	447
Refrigerator	kWh	66	59	66	64	66	64	66	66	64	66	64	66	775
Photovoltaics	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost	$	121	90	96	91	127	131	149	154	128	107	88	120	1397

Total kWh	15519	$1397
Total Therms	0	$0
Total Oil Gallons	0	$0
Total Propane Gallons	0	$0
Total PV Produced	0	$0

Heating Energy Use



Cooling Energy Use



Building Input Summary Report

PROJECT

Title:	PF10-072	Bedrooms:	1	Adress Type:	Street Address
Building Type:	User	Bathrooms:	0	Lot #	
Owner:	ZAWOY	Conditioned Area:	2321	SubDivision:	
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:		Worst Case:	No	Street:	
Permit Office:		Rotate Angle:	0	County:	COLUMBIA
Jurisdiction:		Cross Ventilation:		City, State, Zip:	,
Family Type:	Single-family	Whole House Fan:			FL ,
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

Design Location	Tmy Site	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
FL, Gainesville	FL_GAINESVILLE_REGIONAL_AP	32	92	70	75	1305.5	51	Medium

UTILITY RATES

Fuel	Unit	Utility Name	Monthly Fixed Cost	$/Unit
Electricity	kWh	Florida Average	0	0.09
Natural Gas	Therm	Florida Average	0	1.72
Fuel Oil	Gallon	Florida Default	0	1.1
Propane	Gallon	Florida Default	0	1.4

SURROUNDINGS

Ornt	Type	Shade Trees Height	Shade Trees Width	Shade Trees Distance	Adjacent Buildings Exist	Adjacent Buildings Height	Adjacent Buildings Width	Adjacent Buildings Distance
N	None	0 ft	0 ft	0 ft		0 ft	0 ft	0 ft
NE	None	0 ft	0 ft	0 ft		0 ft	0 ft	0 ft
E	None	0 ft	0 ft	0 ft		0 ft	0 ft	0 ft
SE	None	0 ft	0 ft	0 ft		0 ft	0 ft	0 ft
S	None	0 ft	0 ft	0 ft		0 ft	0 ft	0 ft
SW	None	0 ft	0 ft	0 ft		0 ft	0 ft	0 ft
W	None	0 ft	0 ft	0 ft		0 ft	0 ft	0 ft
NW	None	0 ft	0 ft	0 ft		0 ft	0 ft	0 ft

FLOORS

#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
1	Slab-On-Grade Edge Insulatio	268 ft	6	2321 ft²	0	0	1

ROOF

#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
1	Gable or shed	Composition shingles	2514 ft²	484 ft²	Medium	0.51	No	0	22.6 deg

ATTIC

#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
1	Full attic	Vented	300	2321 ft²	N	N

Building Input Summary Report

CEILING

#	Ceiling Type	R-Value	Area	Framing Fraction	Truss Type
1	Under Attic (Vented)	30	2321 ft²	0.11	Wood

WALLS

Wall orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
1	N	Exterior	Frame - Wood	13	74		11	3	832.5 ft²		0.23	0.75
2	S	Exterior	Frame - Wood	13	74		11	3	832.5 ft²		0.23	0.75
3	E	Exterior	Frame - Wood	13	60		10	6	630 ft²		0.23	0.75
4	W	Exterior	Frame - Wood	13	60		10	10	650 ft²		0.23	0.75

DOORS

#	Ornt	Door Type	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
1	E	Wood	None	0.46	6		6	8	40 ft²
2	E	Wood	None	0.46	6		6	8	40 ft²
3	E	Wood	None	0.46	6		6	8	40 ft²
4	E	Wood	None	0.46	6		6	8	40 ft²
5	E	Wood	None	0.46	6		6	8	40 ft²
6	S	Wood	None	0.46	6		6	8	40 ft²
7	S	Wood	None	0.46	6		6	8	40 ft²
8	S	Wood	None	0.46	6		6	8	40 ft²
9	W	Wood	None	0.46	6		6	8	40 ft²

WINDOWS

#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storm	Area	Overhang Depth	Overhang Separation	Interior Shade	Screening
1	W	Wood	Low-E Double	Yes	0.35	0.37	N	75 ft²	1 ft 0 in	3 ft 0 in	Drapes/blinds	None
2	W	Wood	Low-E Double	Yes	0.35	0.37	N	13.33 ft²	1 ft 0 in	3 ft 0 in	Drapes/blinds	None
3	S	Wood	Low-E Double	Yes	0.35	0.37	N	30 ft²	1 ft 0 in	3 ft 0 in	Drapes/blinds	None

INFILTRATION & VENTING

Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50	---- Forced Ventilation ---- Supply	Exhaust	Run Time	Terrain/Wind Shielding
Best Guess	0.00050	3044	167.1	314.3	0.385	7.87	0	0	0	Suburban / Suburban

MASS

Mass Type	Area	Thickness	Furniture Fraction
No Added Mass	0 ft²	0 ft	0.3

Building Input Summary Report

COOLING SYSTEM

#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
1	Central Unit	None	SEER: 13	24 kBtu/hr	720 cfm	0.75	False
2	Central Unit	None	SEER: 13	24 kBtu/hr	720 cfm	0.75	False

HEATING SYSTEM

#	System Type	Subtype	Efficiency	Capacity	Ductless
1	Electric Heat Pump	None	HSPF: 7.7	24 kBtu/hr	False
2	Electric Heat Pump	None	HSPF: 7.7	24 kBtu/hr	False

HOT WATER SYSTEM

#	System Type	EF	Cap	Use	SetPnt	Credits
			gal	gal	deg	

DUCTS

	---- Supply ----			---- Return ----				Air		Percent		
#	Location	R-Value	Area	Location	Area	Number	Leakage Type	Handler	CFM 25	Leakage	QN	RLF
1	Interior	6	464.2 ft²	Interior	116.05 ft²	(invalid)	Default Leakage	Interior	(Default)	(Default)		
2	Interior	6	464.2 ft²	Interior	116.05 ft²	(invalid)	Default Leakage	Interior	(Default)	(Default)		

TEMPERATURES

Programable Thermostat: None Ceiling Fans: N

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]
Heating	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]
Venting	[ ]	[ ]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[ ]

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	80	80	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	80	80	78	78	78	78	78	78	78	78
Heating (WD)	AM	65	65	65	65	65	65	65	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	65	65	65	65	65	65	65	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

Building Input Summary Report

APPLIANCES & LIGHTING

Appliance Schedule: HERS 2006 Reference Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Ceiling Fans (Summer)	AM	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.33	0.33	0.33	0.33	0.33
% Released: 100	PM	0.33	0.33	0.33	0.33	0.33	1	0.9	0.9	0.9	0.9	0.9	0.65
Annual Use: 0 kWh/Yr		Peak Value: 0 Watts											
Clothes Washer	AM	0.105	0.081	0.047	0.047	0.081	0.128	0.256	0.57	0.849	1	0.977	0.872
% Released: 60	PM	0.779	0.698	0.605	0.57	0.581	0.57	0.57	0.57	0.57	0.488	0.43	0.198
Annual Use: 0 kWh/Yr		Peak Value: 0 Watts											
Dishwasher	AM	0.139	0.05	0.028	0.024	0.029	0.09	0.169	0.303	0.541	0.594	0.502	0.443
% Released: 60	PM	0.377	0.396	0.335	0.323	0.344	0.448	0.791	1	0.8	0.597	0.383	0.281
Annual Use: 0 kWh/Yr		Peak Value: 0 Watts											
Dryer	AM	0.2	0.1	0.05	0.05	0.05	0.075	0.2	0.375	0.5	0.8	0.95	1
% Released: 10	PM	0.875	0.85	0.8	0.625	0.625	0.6	0.575	0.55	0.625	0.7	0.65	0.375
Annual Use: 0 kWh/Yr		Peak Value: 0 Watts											
Lighting	AM	0.16	0.15	0.16	0.18	0.23	0.45	0.4	0.26	0.19	0.16	0.12	0.11
% Released: 90	PM	0.16	0.17	0.25	0.27	0.34	0.55	0.55	0.88	1	0.86	0.51	0.28
Annual Use: 455 kWh/Yr		Peak Value: 149 Watts											
Miscellaneous	AM	0.48	0.47	0.47	0.47	0.47	0.47	0.64	0.71	0.67	0.61	0.55	0.53
% Released: 90	PM	0.52	0.5	0.5	0.5	0.59	0.73	0.79	0.99	1	0.96	0.77	0.55
Annual Use: 760 kWh/Yr		Peak Value: 139 Watts											
Pool Pump	AM	0	0	0	0	0	0	0	0	0	1	1	1
% Released: 0	PM	1	1	1	1	0	0	0	0	0	0	0	0
Annual Use: 0 kWh/Yr		Peak Value: 0 Watts											
Range	AM	0.057	0.057	0.057	0.057	0.057	0.114	0.171	0.286	0.343	0.343	0.343	0.4
% Released: 100	PM	0.457	0.343	0.286	0.4	0.571	1	0.857	0.429	0.286	0.229	0.171	0.114
Annual Use: 0 kWh/Yr		Peak Value: 0 Watts											
Refrigeration	AM	0.85	0.78	0.75	0.73	0.73	0.73	0.75	0.75	0.8	0.8	0.8	0.8
% Released: 100	PM	0.88	0.85	0.85	0.83	0.88	0.95	1	0.98	0.95	0.93	0.9	0.85
Annual Use: 775 kWh/Yr		Peak Value: 106 Watts											
Well Pump	AM	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.1	0.1
% Released: 0	PM	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Annual Use: 0 kWh/Yr		Peak Value: 0 Watts											

Florida Code Summary Report

ZAWOY

, FL,
Registration #:

Title: PF10-072
FLAsBuilt

TMY City: FL_GAINESVILLE_R
Elec Util: Florida Average
Gas Util: Florida Average
Run Date:

Energy Uses	Baseline Home	As-Built Home	e-Ratio
Heating	6.15 MBtu	4.28 MBtu	0.70
Cooling	14.60 MBtu	12.93 MBtu	0.89
Hot Water	6.19 MBtu	6.18 MBtu	1.00
Total	26.94 MBtu	23.39 MBtu	0.87

Building Loads	Baseline Home	As-Built Home	e-Ratio
Heating	11.08 MBtu	7.70 MBtu*	0.70
Cooling	30.95 MBtu	27.42 MBtu*	0.89
Hot Water	5.56 MBtu	5.55 MBtu*	1.00
Total	47.59 MBtu	40.67 MBtu	0.85

* normalized modified loads

Glass/Floor Area: 0.051	Total As-Built Modified Loads:	40.67	**PASS**
	Total Baseline Loads:	47.59	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 85

The lower the EnergyPerformance Index, the more efficient the home.

, , FL,

1. New construction or existing		New (From Plans)	
2. Single family or multiple family		Single-family	
3. Number of units, if multiple family		1	
4. Number of Bedrooms		1	
5. Is this a worst case?		No	
6. Conditioned floor area (ft²)		2321	
7. Windows**	Description		Area
a. U-Factor: SHGC:	Dbl, U=0.35 SHGC=0.37		118.33 ft²
b. U-Factor: SHGC:	N/A		ft²
c. U-Factor: SHGC:	N/A		ft²
d. U-Factor: SHGC:	N/A		ft²
e. U-Factor: SHGC:	N/A		ft²
8. Floor Types		Insulation	Area
a. Slab-On-Grade Edge Insulation		R=6.0	2321.00 ft²
b. N/A		R=	ft²
c. N/A		R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	2945.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2321.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
11. Ducts (combined)		
a. Sup: Interior Ret: Interior AH: Interior	Sup. R= 6, 928.4 ft²	
12. Cooling systems (combined)		
a. Central Unit	Cap: 48.0 kBtu/hr SEER: 13	
13. Heating systems (combined)		
a. Electric Heat Pump	Cap: 48.0 kBtu/hr HSPF: 7.7	
14. Hot water systems		
a. Electric	Cap: 40 gallons EF: 0.92	
b. Conservation features None		
15. Credits	CF	

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge web site at energygauge.com for information and a list of certified Raters. For information about Florida's Energy Efficiency Code for Building Construction, contact the

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 85

The lower the EnergyPerformance Index, the more efficient the home.

, , FL,

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Single-family
3. Number of units, if multiple family		1
4. Number of Bedrooms		1
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		2321
7. Windows**	Description	Area
a. U-Factor: SHGC:	Dbl, U=0.35 SHGC=0.37	118.33 ft²
b. U-Factor: SHGC:	N/A	ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
e. U-Factor: SHGC:	N/A	ft²

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=6.0	2321.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	2945.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2321.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts (combined)
a. Sup: Interior Ret: Interior AH: Interior Sup. R= 6, 928.4 ft²

12. Cooling systems (combined)
a. Central Unit — Cap: 48.0 kBtu/hr SEER: 13

13. Heating systems (combined)
a. Electric Heat Pump — Cap: 48.0 kBtu/hr HSPF: 7.7

14. Hot water systems
a. Electric — Cap: 40 gallons EF: 0.92
b. Conservation features
None

15. Credits — CF

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

Department of Community Affairs at (850) 487-1824.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

Monthly Summary Utility Bill Report

ZAWOY

, FL,
Registration #:

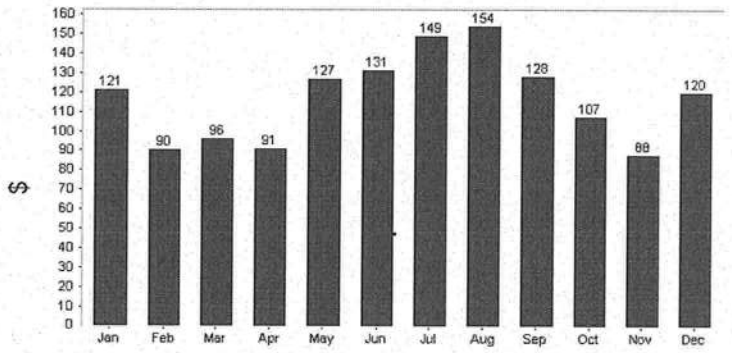
Title: PF10-072
FLAsBuilt

TMY City: FL_GAINESVILLE_R
Elec Util: Florida Average
Gas Util: Florida Average
Run Date: 06/01/2010 10:55:41

End-Use	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Cooling	0	1	5	9	40	46	59	63	43	22	1	1	$283
Cooling Fan	0	0	1	2	8	9	12	13	9	5	0	0	$58
Cooling Vent Fan	0	0	0	0	0	0	0	0	0	0	0	0	$0
Heating	34	13	7	2	0	0	0	0	0	1	8	32	$98
Heat Fan/Pump	5	2	1	0	0	0	0	0	0	0	1	5	$15
Heat Vent Fan	0	0	0	0	0	0	0	0	0	0	0	0	$0
Hot Water	16	15	16	14	13	12	12	12	12	13	14	16	$163
Hot Water Pump	0	0	0	0	0	0	0	0	0	0	0	0	$0
Ceiling Fans	0	0	0	0	0	0	0	0	0	0	0	0	$0
Clothes Washer	0	0	0	0	0	0	0	0	0	0	0	0	$0
Dishwahser	0	0	0	0	0	0	0	0	0	0	0	0	$0
Dryer	7	6	7	7	7	7	7	7	7	7	7	7	$80
Lighting	18	16	18	17	18	17	18	18	17	18	17	18	$208
Miscellaneous	32	29	32	31	32	31	32	32	31	32	31	32	$382
Pool Pump	0	0	0	0	0	0	0	0	0	0	0	0	$0
Range	3	3	3	3	3	3	3	3	3	3	3	3	$40
Refrigerator	6	5	6	6	6	6	6	6	6	6	6	6	$70
Photovoltaics	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost by Month	121	90	96	91	127	131	149	154	128	107	88	120	$1397

Total kWh	15519	$1397
Total Therms	0	$0
Total Oil Gallons	0	$0
Total Propane Gallons	0	$0
Total PV Produced	0	$0

Monthly Utility Bill



RE: ZAWSADD - ADDITION

MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:
Customer Info: SCOTT ZAWOY Project Name: ADDITION Model:
Lot/Block: Subdivision:
Address: 711 SW CALIFORNIA TERRACE
City: FT WHITE State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2007/TPI2002 Design Program: MiTek 20/20 7.1
Wind Code: ASCE 7-05 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 40.0 psf

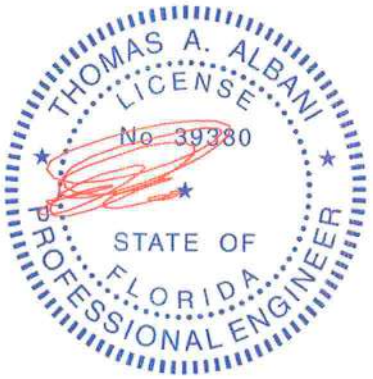
This package includes 11 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T3768744	A	6/8/010
2	T3768745	A1	6/8/010
3	T3768746	A2	6/8/010
4	T3768747	A2ET	6/8/010
5	T3768748	AET	6/8/010
6	T3768749	B	6/8/010
7	T3768750	B1	6/8/010
8	T3768751	BET	6/8/010
9	T3768752	C	6/8/010
10	T3768753	C1	6/8/010
11	T3768754	CET	6/8/010

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Santa Fe Truss.

Truss Design Engineer's Name: Albani, Thomas
My license renewal date for the state of Florida is February 28, 2011.

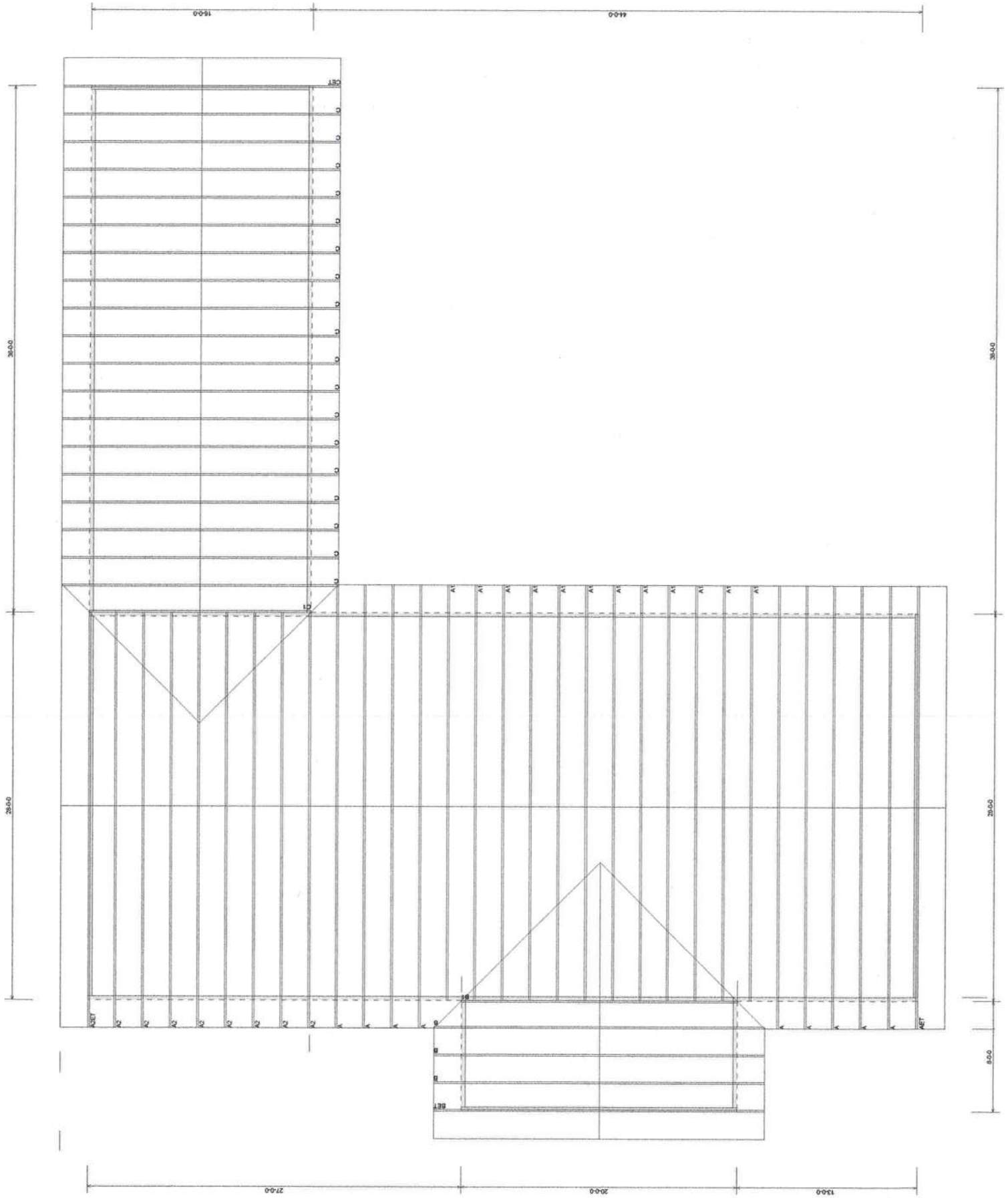
NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.



FL Cert. 6634

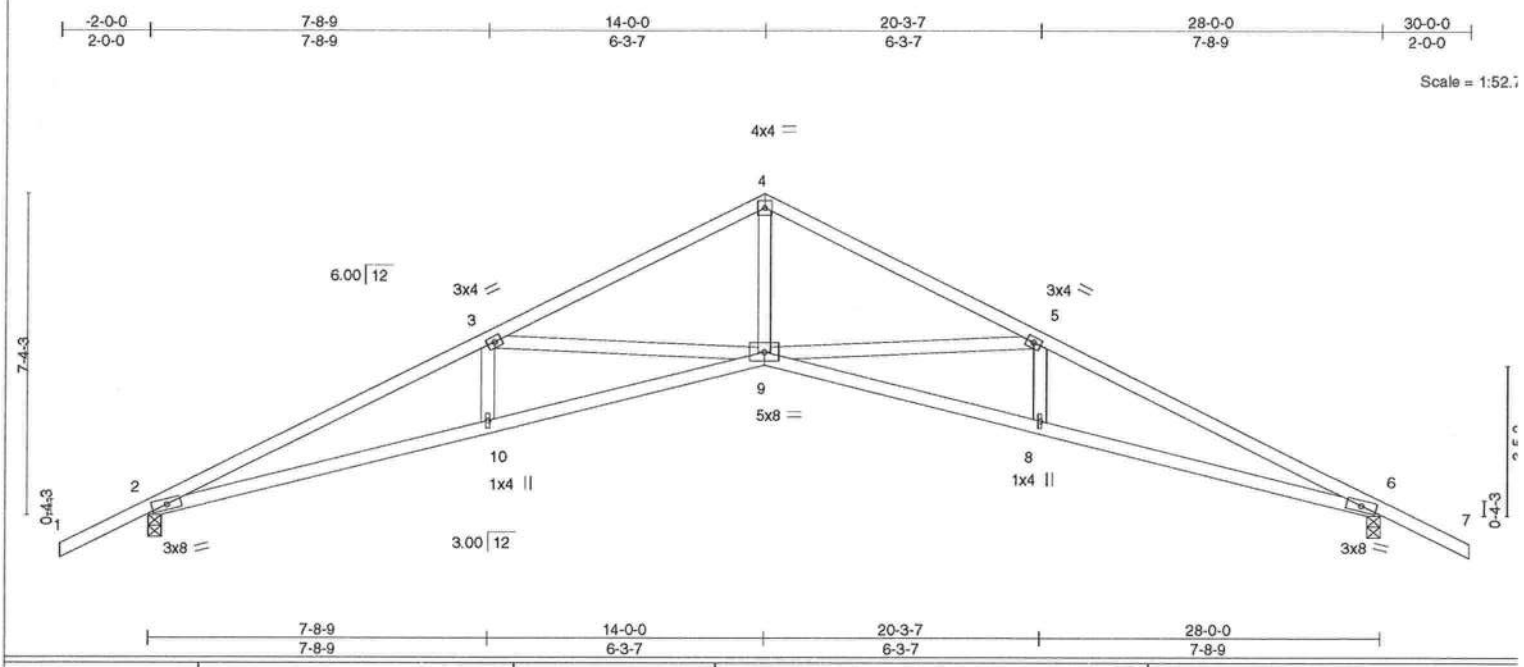
June 8,2010

Albani, Thomas 1 of 1


16-0-0
44-0-0
38-0-0
26-0-0
38-0-0
29-0-0
8-0-0
27-0-0
20-0-0
13-0-0

Job	Truss	Truss Type	Qty	Ply	ADDITION
ZAWSADD	A	ROOF TRUSS	9	1	T376874
					Job Reference (optional)

SANTA FE TRUSS COMPANY, INC., HIGH SPRINGS, FL — 7.140 s Oct 1 2009 MiTek Industries, Inc. Tue Jun 08 08:58:13 2010 Page



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.68	Vert(LL)	-0.27	9	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.72	8-9	>464	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.70	Horz(TL)	0.51	6	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)							Weight: 125 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-7-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1237/0-3-8, 6=1237/0-3-8
Max Horz 2=-118(LC 6)
Max Uplift2=-230(LC 5), 6=-230(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3567/411, 3-4=-2471/235, 4-5=-2471/251, 5-6=-3567/291
BOT CHORD 2-10=-370/3193, 9-10=-370/3186, 8-9=-183/3186, 6-8=-184/3193
WEBS 4-9=-127/1794, 5-9=-992/278, 5-8=0/307, 3-9=-992/271, 3-10=0/307

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 230 lb uplift at joint 2 and 230 lb uplift at joint 6.
6) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard

FL Cert. 6634

June 8,2010

MiTek
POWER TO PERFORM.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Job	Truss	Truss Type	Qty	Ply	ADDITION	T376874
ZAWSADD	A1	ROOF TRUSS	12	1	Job Reference (optional)	

SANTA FE TRUSS COMPANY, INC., HIGH SPRINGS, FL — 7.140 s Oct 1 2009 MiTek Industries, Inc. Tue Jun 08 08:58:15 2010 Pag

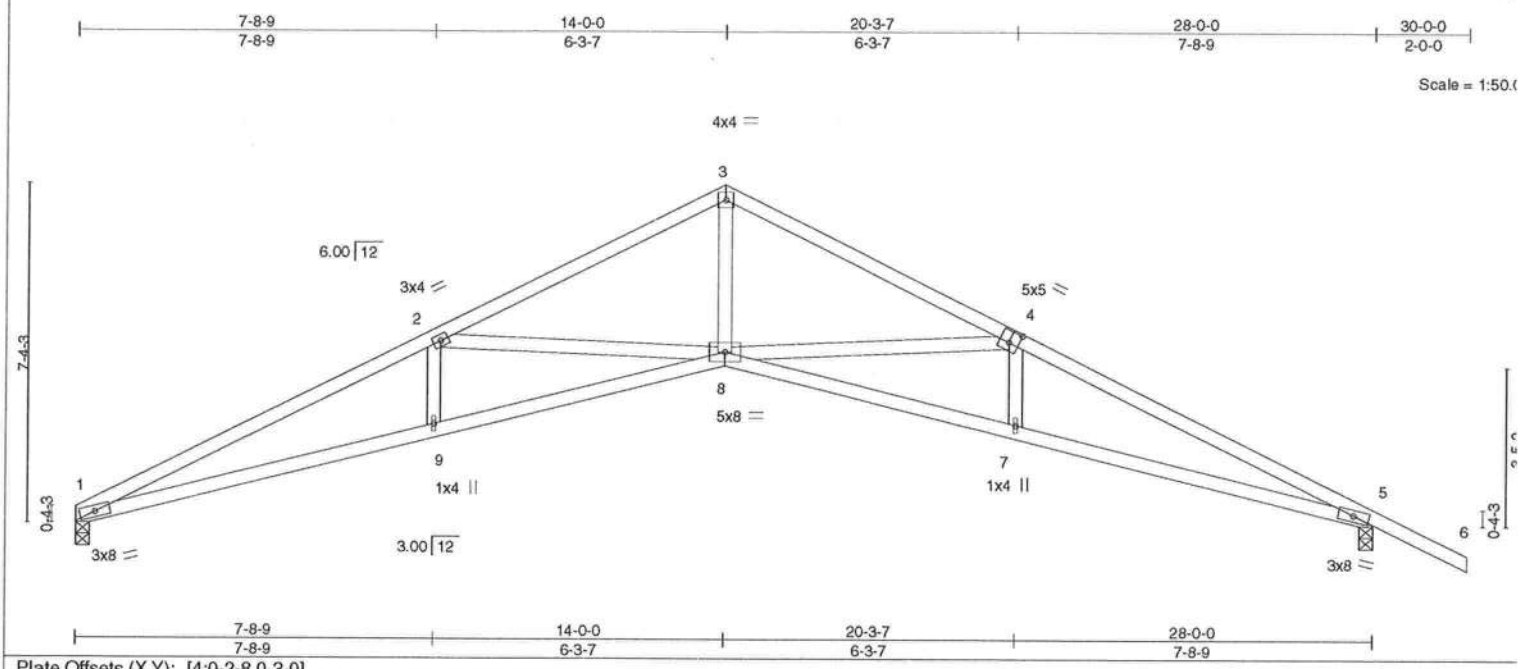


Plate Offsets (X,Y): [4:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.75	Vert(LL)	-0.28	8	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.87	Vert(TL)	-0.73	7-8	>458	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.52	5	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)							Weight: 122 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-4-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-4-3 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=1103/0-3-8, 5=1242/0-3-8
Max Horz 1=-130(LC 6)
Max Uplift 1=-143(LC 5), 5=-230(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3638/468, 2-3=-2492/252, 3-4=-2491/267, 4-5=-3588/293
BOT CHORD 1-9=-426/3265, 8-9=-425/3254, 7-8=-199/3205, 5-7=-200/3213
WEBS 3-8=-144/1816, 4-8=-993/278, 4-7=0/307, 2-8=-1042/310, 2-9=0/312

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 143 lb uplift at joint 1 and 230 lb uplift at joint 5.
6) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard

FL Cert. 6634

June 8,2010

MiTek
POWER TO PERFORM.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Job	Truss	Truss Type	Qty	Ply	ADDITION	
ZAWSADD	A2	ROOF TRUSS	8	1	Job Reference (optional)	T376874

SANTA FE TRUSS COMPANY, INC., HIGH SPRINGS, FL — 7.140 s Oct 1 2009 MiTek Industries, Inc. Tue Jun 08 08:58:16 2010 Page

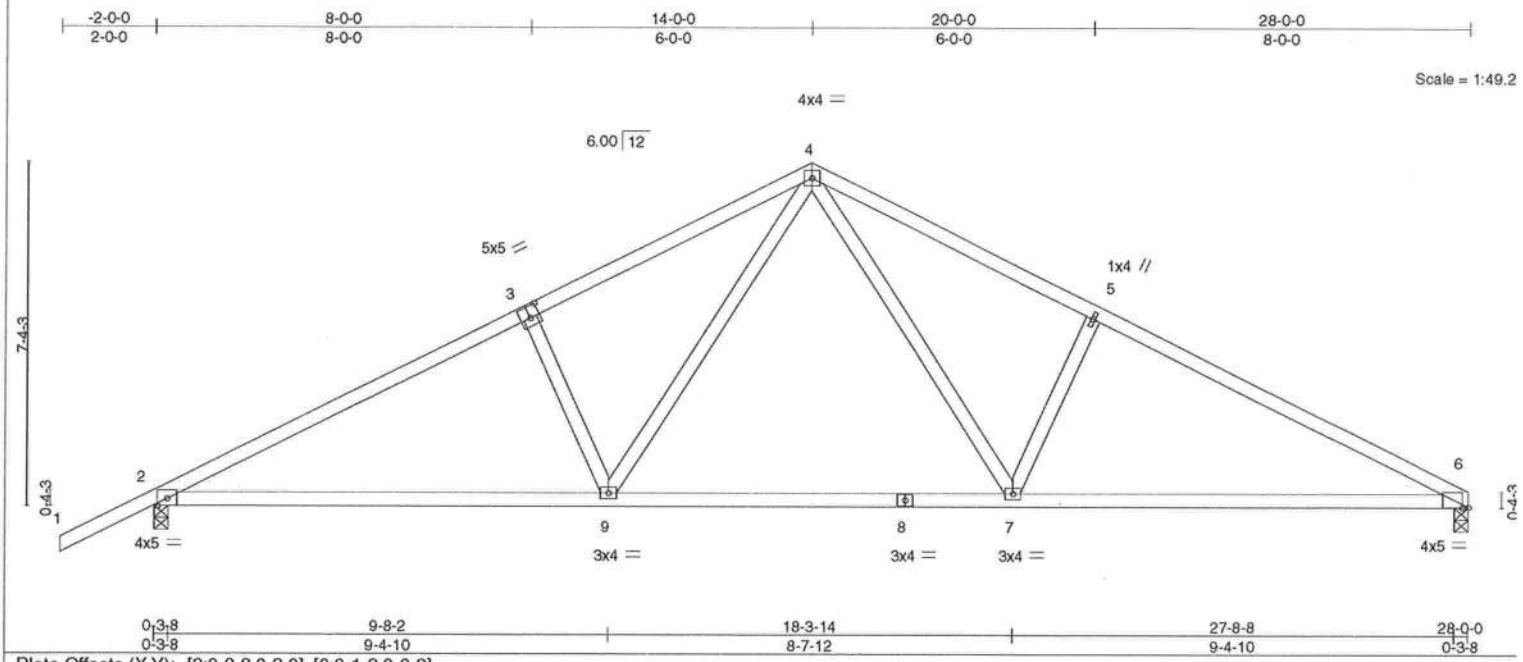


Plate Offsets (X,Y): [3:0-2-8,0-3-0], [6:0-1-8,0-0-2]

LOADING (psf)			SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0		Plates Increase	1.25	TC	0.69	Vert(LL)	-0.22	7-9	>999	240	MT20	244/190
TCDL	10.0		Lumber Increase	1.25	BC	0.99	Vert(TL)	-0.58	7-9	>571	180		
BCLL	10.0	*	Rep Stress Incr	NO	WB	0.30	Horz(TL)	0.09	6	n/a	n/a		
BCDL	10.0		Code FBC2007/TPI2002		(Matrix)							Weight: 128 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
6-8: 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 6=1276/0-3-8, 2=1415/0-3-8
Max Horz 2=132(LC 5)
Max Uplift6=-174(LC 6), 2=-261(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2303/302, 3-4=-2113/345, 4-5=-2134/369, 5-6=-2323/324
BOT CHORD 2-9=-266/1959, 7-9=-105/1344, 6-7=-207/1981
WEBS 4-7=-194/922, 5-7=-412/192, 4-9=-170/890, 3-9=-400/181

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 174 lb uplift at joint 6 and 261 lb uplift at joint 2.
5) Load case(s) 9 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
6) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard Except:
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-6=-60, 2-9=-20, 7-9=-60(F=-40), 6-7=-20
9) User defined: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60(F), 4-6=-60(F), 2-9=-20(F), 7-9=-60(F), 6-7=-20(F)

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Job	Truss	Truss Type	Qty	Ply	ADDITION
ZAWSADD	A2ET	GABLE	1	1	T376874
					Job Reference (optional)

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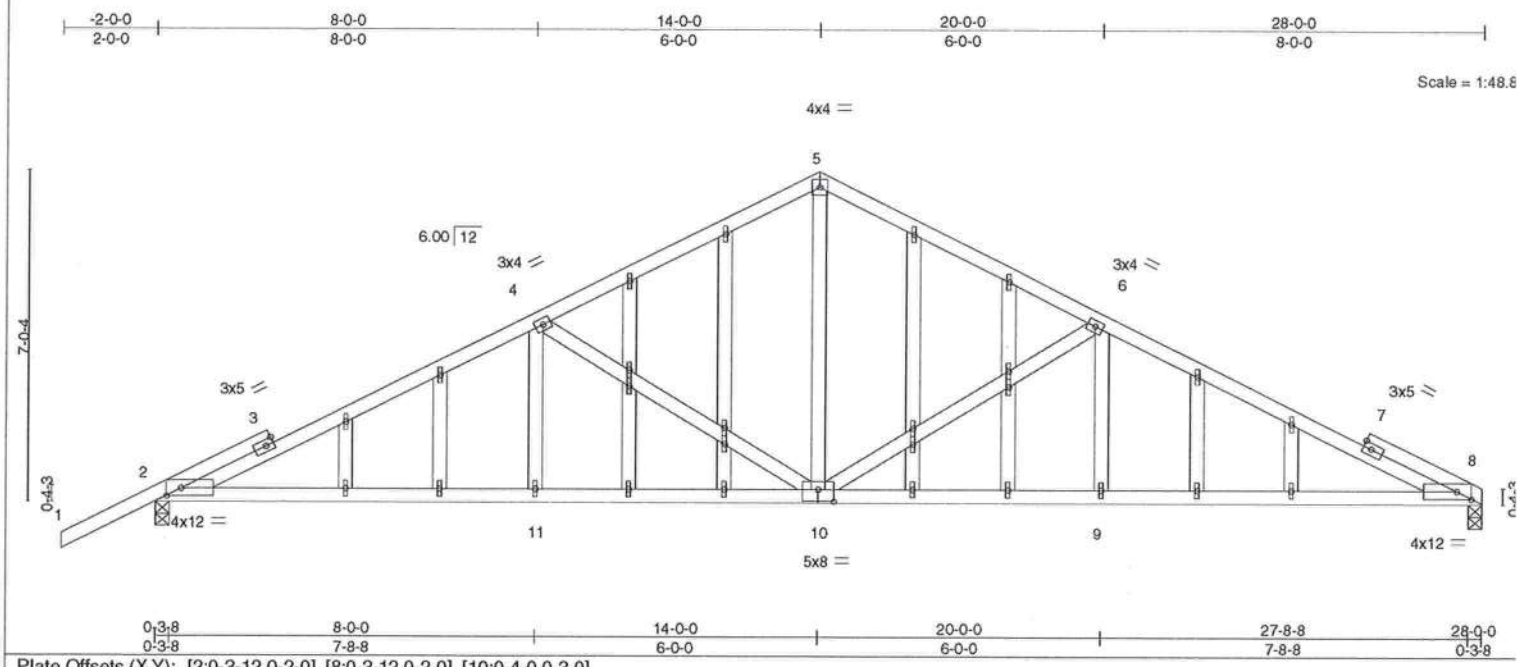

Plate Offsets (X,Y): [2:0-3-12,0-2-0], [8:0-3-12,0-2-0], [10:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.81	Vert(LL)	0.18	8-9	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.43	8-9	>765	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.68	Horz(TL)	0.09	8	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)							Weight: 178 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-6-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-5-15 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1242/0-3-8, 8=1103/0-3-8
Max Horz 2=156(LC 5)
Max Uplift2=-448(LC 5), 8=-328(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-2057/562, 4-5=-1382/452, 5-6=-1383/445, 6-8=-2079/595
BOT CHORD 2-11=-499/1784, 10-11=-499/1784, 9-10=-441/1810, 8-9=-441/1810
WEBS 5-10=-260/887, 6-10=-783/375, 6-9=0/323, 4-10=-753/341, 4-11=0/320

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; Lumber DOL=1.33 plate grip DOL=1.33
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 1x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 448 lb uplift at joint 2 and 328 lb uplift at joint 8.
8) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

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Job,	Truss	Truss Type	Qty	Ply	ADDITION
ZAWSADD	AET	ROOF TRUSS	1	1	T376874
					Job Reference (optional)

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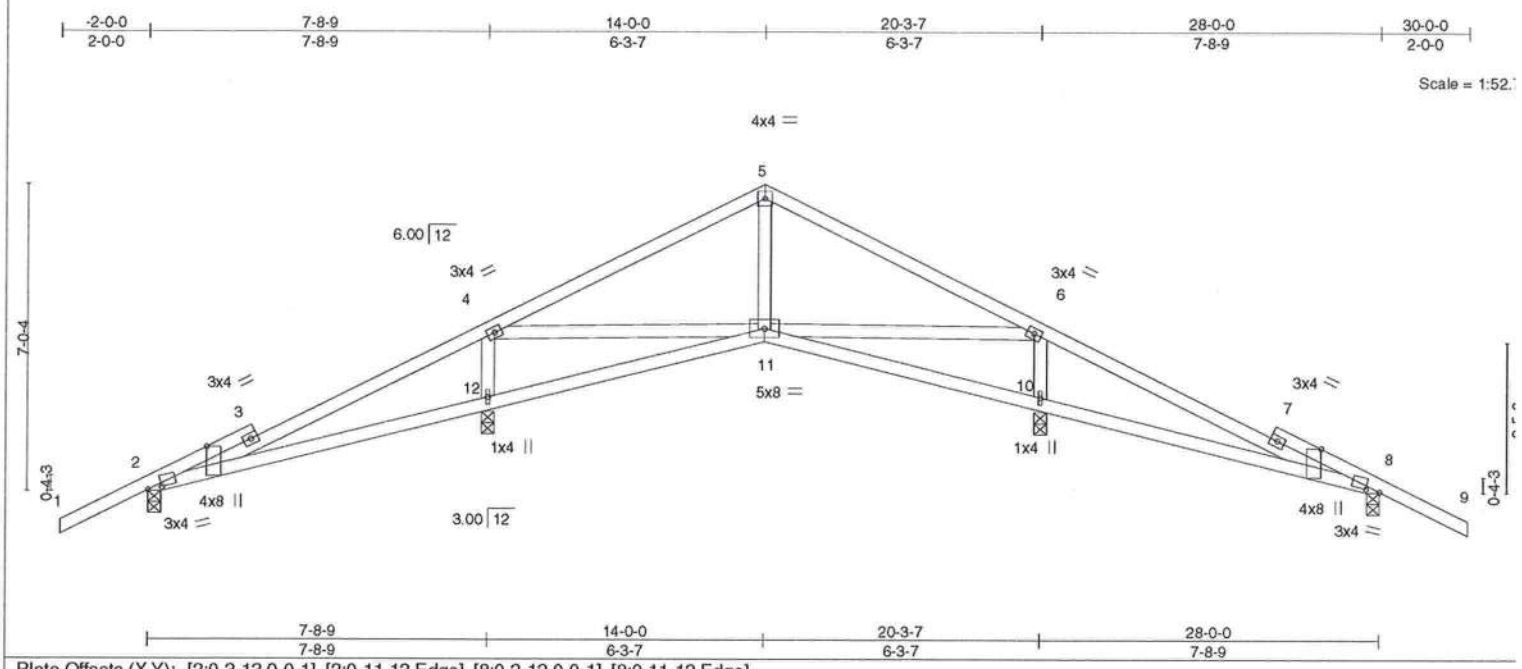

Plate Offsets (X,Y): [2:0-3-13,0-0-1], [2:0-11-13,Edge], [8:0-3-13,0-0-1], [8:0-11-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	-0.05	2-12	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.16	2-12	>586	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.16	Horz(TL)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)							Weight: 128 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 0-3-8.
(lb) - Max Horz 2=-131(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-190(LC 5), 8=-237(LC 6), 10=-243(LC 6), 12=-290(LC 5)
Max Grav All reactions 250 lb or less at joint(s) except 2=341(LC 9), 8=341(LC 10), 10=899(LC 1), 12=899(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-160/382, 4-5=-385/50, 5-6=-385/70, 6-8=-89/382
BOT CHORD 2-12=-263/214, 11-12=-273/215, 10-11=-273/209, 8-10=-263/208
WEBS 6-11=0/502, 6-10=-722/277, 4-11=0/502, 4-12=-722/325

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 2, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 190 lb uplift at joint 2, 237 lb uplift at joint 8, 243 lb uplift at joint 10 and 290 lb uplift at joint 12.
6) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 10, 12.
7) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	ADDITION
ZAWSADD	B	ROOF TRUSS	3	1	T376874
					Job Reference (optional)

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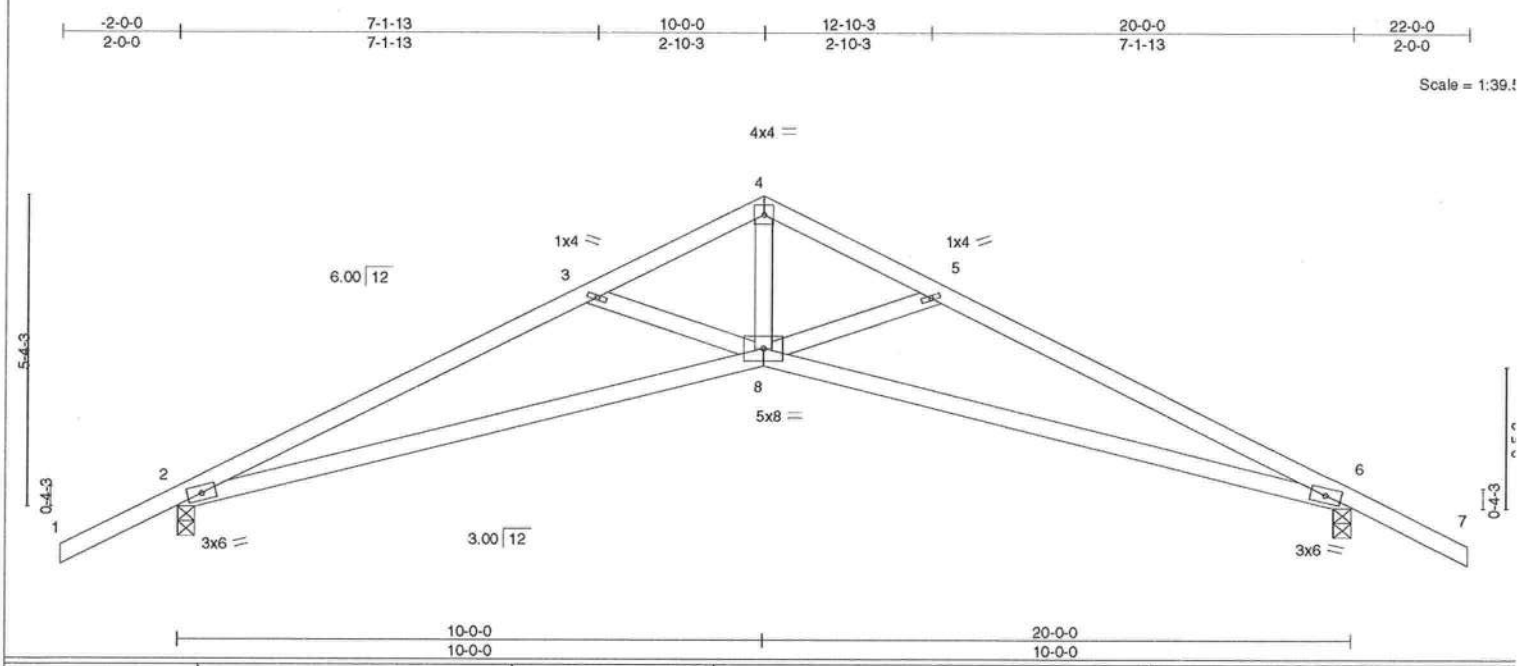

LOADING (psf)			SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0		Plates Increase	1.25	TC	0.41	Vert(LL)	-0.27	2-8	>879	240	MT20	244/190
TCDL	10.0		Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.76	2-8	>311	180		
BCLL	10.0	*	Rep Stress Incr	YES	WB	0.46	Horz(TL)	0.23	6	n/a	n/a		
BCDL	10.0		Code FBC2007/TPI2002		(Matrix)							Weight: 83 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=917/0-3-8, 6=917/0-3-8
Max Horz 2=-94(LC 6)
Max Uplift2=-190(LC 5), 6=-190(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2193/252, 3-4=-1715/144, 4-5=-1715/149, 5-6=-2193/194
BOT CHORD 2-8=-205/1951, 6-8=-115/1951
WEBS 4-8=-108/1424, 5-8=-436/184, 3-8=-436/180

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 190 lb uplift at joint 2 and 190 lb uplift at joint 6.
6) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	ADDITION	T376875
ZAWSADD	B1	ROOF TRUSS	1	1	Job Reference (optional)	

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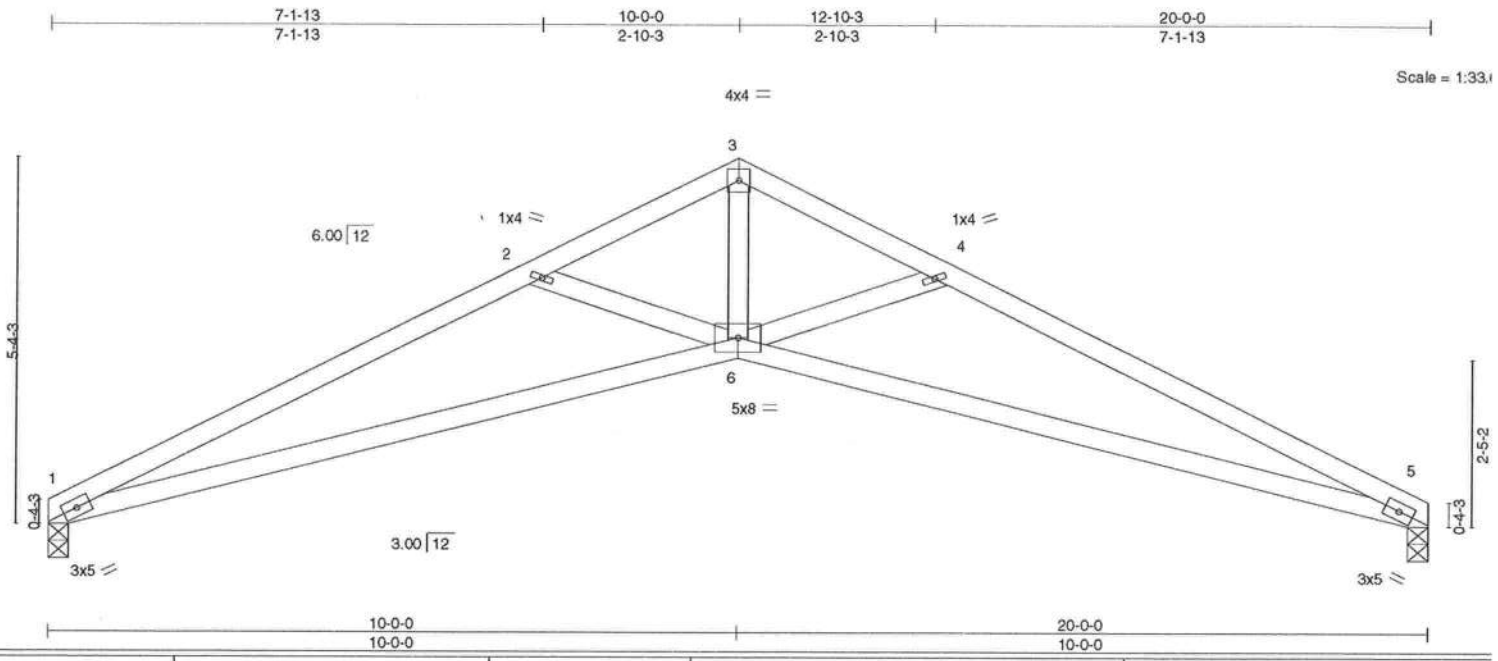

LOADING (psf)			SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0		Plates Increase	1.25	TC	0.57	Vert(LL)	-0.27	1-6	>879	240	MT20	244/190
TCDL	10.0		Lumber Increase	1.25	BC	0.70	Vert(TL)	-0.79	1-6	>300	180		
BCLL	10.0	*	Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.24	5	n/a	n/a		
BCDL	10.0		Code FBC2007/TPI2002		(Matrix)							Weight: 77 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-7-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=788/0-3-8, 5=788/0-3-8
Max Horz 1=-65(LC 3)
Max Uplift1=-102(LC 5), 5=-102(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2264/313, 2-3=-1783/188, 3-4=-1783/190, 4-5=-2264/253
BOT CHORD 1-6=-280/2041, 5-6=-168/2041
WEBS 3-6=-154/1502, 4-6=-467/207, 2-6=-467/204

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 102 lb uplift at joint 1 and 102 lb uplift at joint 5.
6) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADDITION
ZAWSADD	BET	ROOF TRUSS	1	1	T376875
					Job Reference (optional)

SANTA FE TRUSS COMPANY, INC., HIGH SPRINGS, FL — 7.140 s Oct 1 2009 MiTek Industries, Inc. Tue Jun 08 08:58:24 2010 Pag

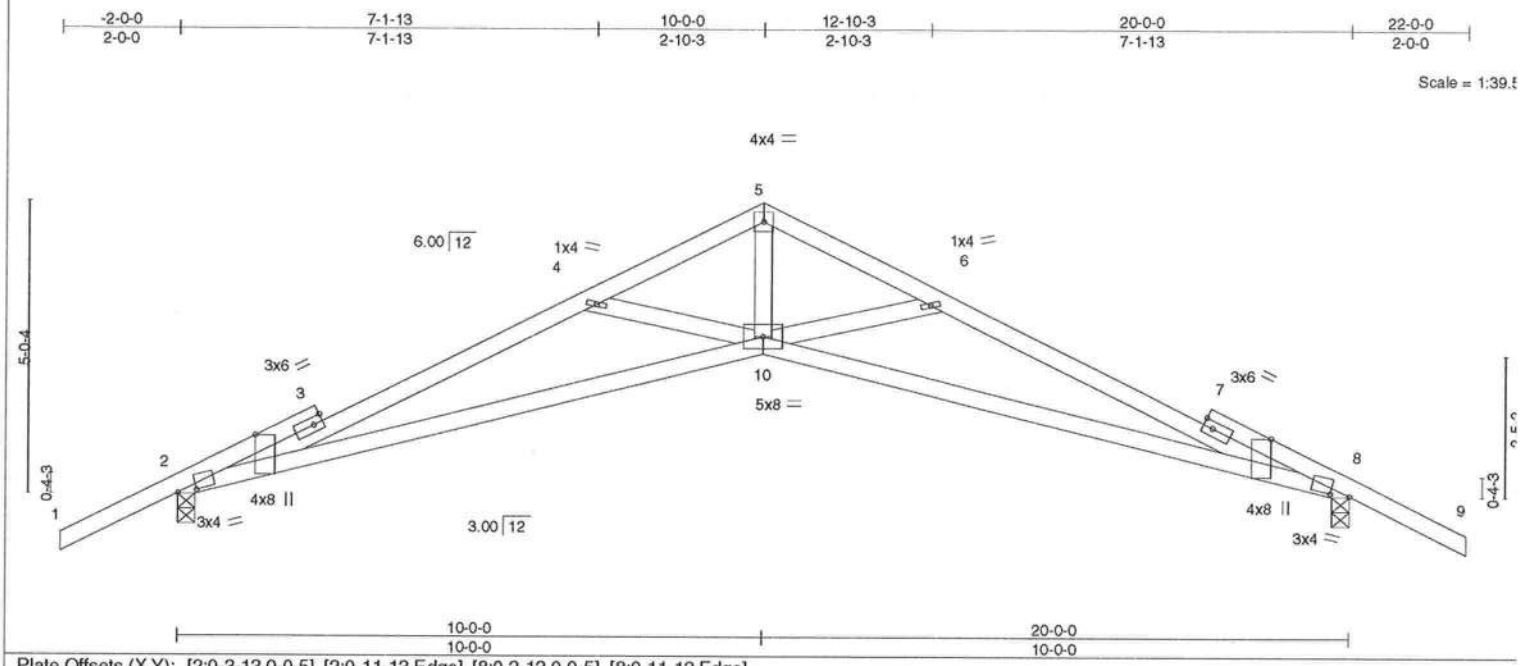

Plate Offsets (X,Y): [2:0-3-13,0-0-5], [2:0-11-13,Edge], [8:0-3-13,0-0-5], [8:0-11-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.83	Vert(LL)	-0.28	2-10	>852	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.66	Vert(TL)	-0.85	2-10	>278	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.35	8	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)							Weight: 88 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-2-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-10-5 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=917/0-3-8, 8=917/0-3-8
Max Horz 2=103(LC 5)
Max Uplift2=-353(LC 5), 8=-353(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-2614/691, 4-5=-1951/431, 5-6=-1951/438, 6-8=-2614/603
BOT CHORD 2-10=-599/2397, 8-10=-475/2397
WEBS 5-10=-352/1666, 6-10=-645/356, 4-10=-645/359

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 2, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 353 lb uplift at joint 2 and 353 lb uplift at joint 8.
6) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

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Job	Truss	Truss Type	Qty	Ply	ADDITION
ZAWSADD	C	ROOF TRUSS	18	1	T376875 Job Reference (optional)

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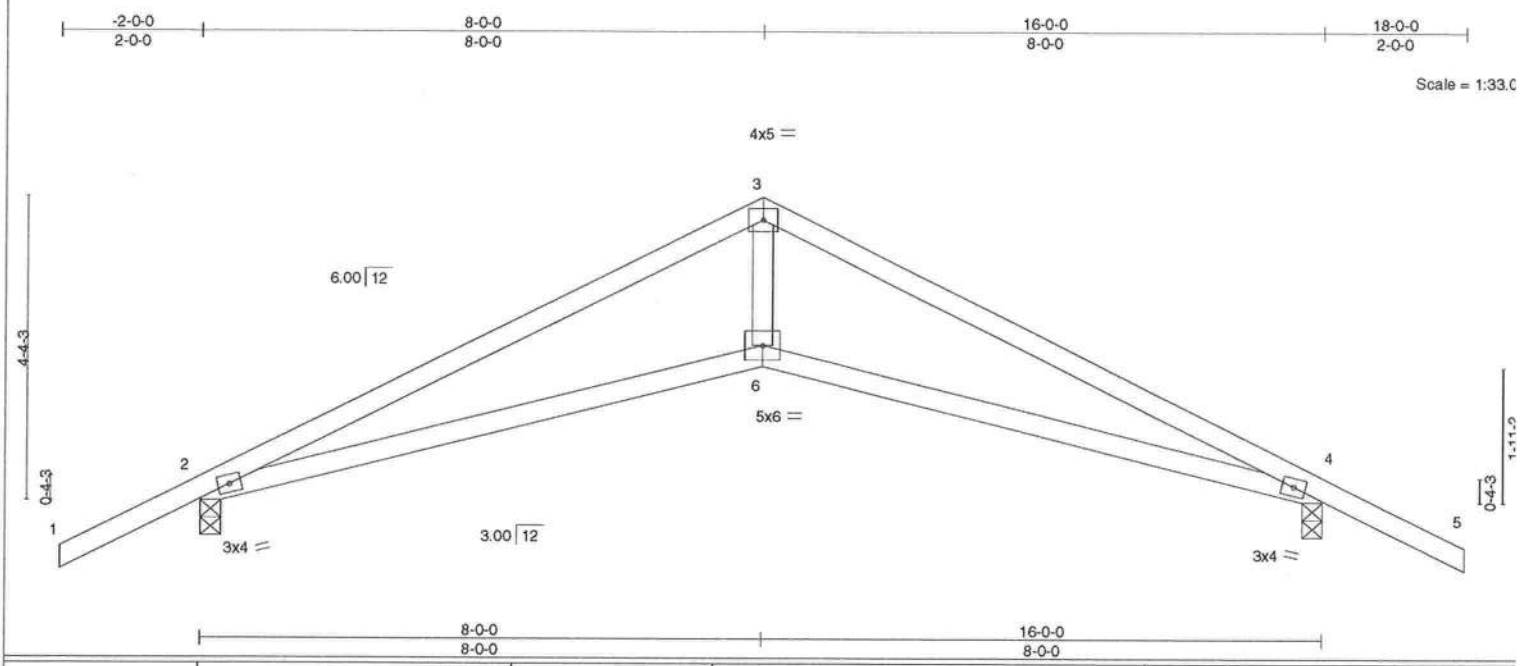

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	-0.12	2-6	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.37	2-6	>504	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.26	Horz(TL)	0.12	4	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)							Weight: 61 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=757/0-3-8, 4=757/0-3-8
Max Horz 2=-82(LC 6)
Max Uplift2=-170(LC 5), 4=-170(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1504/100, 3-4=-1504/120
BOT CHORD 2-6=-42/1300, 4-6=-41/1300
WEBS 3-6=0/815

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 2, 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 170 lb uplift at joint 2 and 170 lb uplift at joint 4.
6) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	ADDITION
ZAWSADD	C1	ROOF TRUSS	1	1	T376875

Job Reference (optional)

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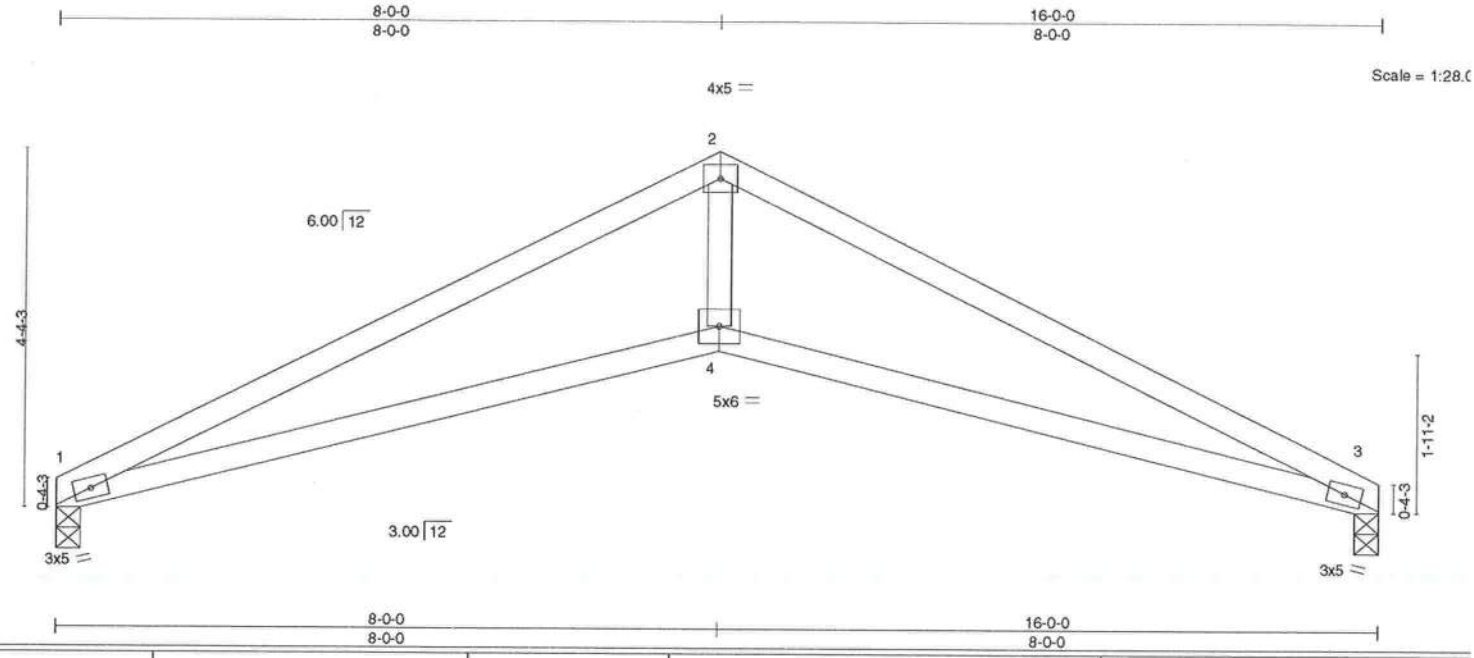

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.53	Vert(LL)	-0.13	1-4	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.60	Vert(TL)	-0.40	1-4	>473	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.28	Horz(TL)	0.13	3	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)							Weight: 54 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=628/0-3-8, 3=628/0-3-8
Max Horz 1=-52(LC 3)
Max Uplift1=-81(LC 5), 3=-81(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1593/150, 2-3=-1593/173
BOT CHORD 1-4=-105/1389, 3-4=-104/1389
WEBS 2-4=-22/880

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise); Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 1, 3 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 81 lb uplift at joint 1 and 81 lb uplift at joint 3.
6) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard

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Job,	Truss	Truss Type	Qty	Ply	ADDITION
ZAWSADD	CET	ROOF TRUSS	1	1	T376875
					Job Reference (optional)

SANTA FE TRUSS COMPANY, INC., HIGH SPRINGS, FL — 7.140 s Oct 1 2009 MiTek Industries, Inc. Tue Jun 08 08:58:27 2010 Pag

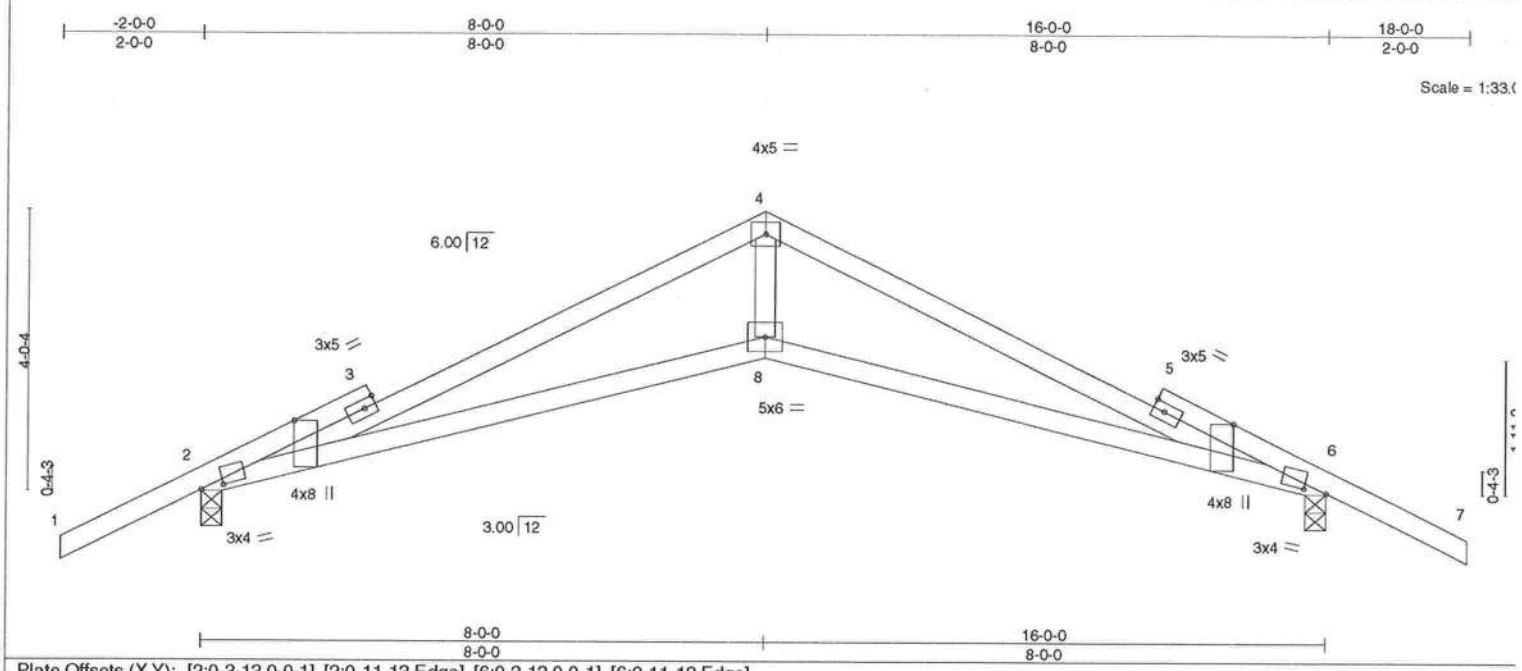


Plate Offsets (X,Y): [2:0-3-13,0-0-1], [2:0-11-13,Edge], [6:0-3-13,0-0-1], [6:0-11-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.68	Vert(LL)	0.17	2-8	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.62	Vert(TL)	-0.49	2-8	>382	180		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.31	Horz(TL)	0.22	6	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)							Weight: 66 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=757/0-3-8, 6=757/0-3-8
Max Horz 2=89(LC 5)
Max Uplift2=-307(LC 5), 6=-307(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1731/336, 4-6=-1731/358
BOT CHORD 2-8=-237/1550, 6-8=-236/1550
WEBS 4-8=-95/951

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=6.0psf; BCDL=3.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; Lumber DOL=1.33 plate grip DOL=1.33
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 307 lb uplift at joint 2 and 307 lb uplift at joint 6.
6) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard

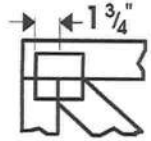
FL Cert. 6634

June 8,2010

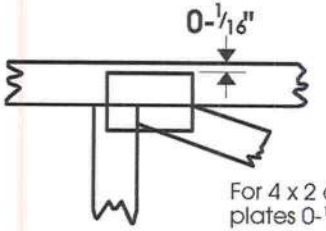
MiTek
POWER TO PERFORM.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION

Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

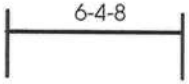
BEARING

Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

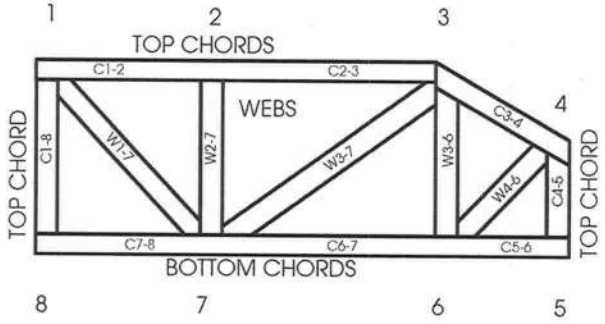
Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



dimensions shown in ft-in-sixteenths (Drawings not to scale)



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ER-5243, 9604B,
95-43, 96-31, 9667A
NER-487, NER-561
95110, 84-32, 96-67, ER-3907, 9432A

MiTek®
POWER TO PERFORM.™

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

COLUMBIA COUNTY BUILDING DEPARTMENT
135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Office: 386-758-1008 Fax: 386-758-2160

OWNER BUILDER DISCLOSURE STATEMENT

I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed and bonded in Florida and to list his or her license numbers on permits and contracts.

I understand that I may build or improve a one-family or two-family residence or farm outbuilding. I may also build or improve a commercial building if the costs do not exceed $75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased with in 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

I understand that it is frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk.

I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at 850-487-1395 or Internet website address http://www.myflorida.com/dbpr/pro/cilb/index.html for more information about licensed contractors.

I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

711 SW CALIFORNIA TERR Fort white FL 32038.

I agree to notify Columbia County Building Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with any financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if an unlicensed contractor or employee of an individual of firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

I understand that if I hire subcontractors they must be licensed for that type of work in Columbia County, ex: framing, stucco, masonry, and state registered builders. Registered Contractors must have a minimum of $300,000.00 in General Liability insurance coverage and the proper workers' compensation. Specialty Contractors must have a minimum of $100,000.00 in General Liability insurance coverage and the proper workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to Columbia County Building Department.

TYPE OF CONSTRUCTION

(✓) Single Family Dwelling ( ) Two-Family Residence ( ) Farm Outbuilding

(✓) Addition, Alteration, Modification or other Improvement

( ) Commercial, Cost of Construction 28,000 Construction of Addition

( ) Other _____

I Scott J ZAWOY, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes allowing this exception for the construction permitted by Columbia County Building Permit.

Scott Zawoy
Scott Zawoy
Owner Builder Signature

6-16-2010
Date

NOTARY OF OWNER BUILDER SIGNATURE

The above signer is personally known to me or produced identification _____

Notary Signature Gale Tedder Date 6/15/10 (Seal)

GALE TEDDER
MY COMMISSION # DD 805686
EXPIRES: July 14, 2012
Bonded Thru Notary Public Underwriters

FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner builder has been given notice of the restriction stated above.

Building Official/Representative _____

Revised: 7-23-09
DISCLOSURE STATEMENT 09
Documents: B&Z Forms

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full.
This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or othe services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: ***YOU ARE HEREBY NOTIFIED*** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

(Owners Must Sign All Applications Before Permit Issuance.)

Scott Zawoy
Owners Signature ****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Owner Builder
Contractor's Signature (Permitee)

Contractor's License Number_____
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this ____ day of _____ 20___.

Personally known_____ **or Produced Identification**_____

_____ **SEAL:**

State of Florida Notary Signature (For the Contractor)

ZAWOY
RESIDENTIAL PLANS

APPLICABLE CODES

2007 FLORIDA BUILDING CODE WITH 2009 REVISIONS

2007 NATIONAL ELECTRIC CODE (NFPA 70) WITH 2009 REVISIONS

2007 FLORIDA PLUMBING CODE WITH 2009 REVISIONS

2007 FLORIDA MECHANICAL CODE WITH 2009 REVISIONS

2007 FLORIDA FIRE PROTECTION CODE WITH 2009 REVISIONS
(INCLUDES 2007 LIFE SAFETY CODE)

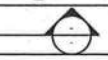
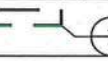
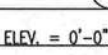
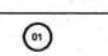
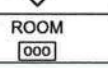
OCCUPANCY CLASS
RESIDENTIAL (R)

CONSTRUCTION DOCUMENTS
1. 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 YOUR SALES REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS
1. 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.

BUILDING CRITERIA
CONSTRUCTION TYPE VB (TABLE 601) UNPROTECTED – NON SPRINKLED
ALLOWABLE AREA:.....9000 S.F.
ACTUAL:.....803 S.F.
ALLOWABLE STORIES:.....2
ACTUAL:.....1

WIND DESIGN INFORMATION
WIND SPEED:.....110 MPH
CATEGORY:.....II
EXPOSURE:.....B
INTERNAL PRESSURE:.....+/- 0.18
CLADDING COMPONANTS
ZONE 1: 10 S.F.....12.543/-19.922 PSF
ZONE 2: 10 S.F.....12.543/-34.679 PSF
ZONE 3: 10 S.F.....12.543/-51.281 PSF
ZONE 4: 10 S.F.....21.767/-23.611 PSF
ZONE 5: 10 S.F.....21.767/-29.145 PSF

LEGEND	
SYMBOL	DESCRIPTION
	ELEVATION MARK
	SECTION MARK
	DETAIL CALLOUT
 ELEV. = 0'-0"	ELEVATION INDICATOR
 01	DOOR TAG
 1	WINDOW TAG
ROOM 000	ROOM TAG
 1	REVISION CLOUD W/ TAG

DRAWING INDEX - BUILDING PACKAGE

SHEET #	SHEET TITLE	REV. #	REV. DATE
T-1.0	TITLE SHEET	0	05-27-10
S-1.0	GENERAL NOTES	0	05-27-10
S-2.0	FOUNDATION PLAN	0	05-27-10
S-3.0	ROOF FRAMING PLAN	0	05-27-10
S-3.1	ROOF FASTENING PLAN	0	05-27-10
S-4.0	SECTIONS	0	05-27-10
S-4.1	WALL SECTIONS	0	05-27-10
S-5.0	DETAILS	0	05-27-10
A-1.0	FLOOR PLAN	0	05-27-10
A-2.0	ELEVATIONS	0	05-27-10

PRODUCT APPROVAL SPECIFICATION TABLE

USED THIS PROJECT	CATAGORY / SUBCATAGORY	MANUFACTURER	PRODUCT DESCRPTION	FLORIDA APPROVAL NUMBERS
		DOORS		
X	SWING	MASONITE INTERNATIONAL	METAL EDGE STEEL DOOR UNITS	19.1
		WINDOWS		
X	VINYL SINGLE HUNG	SCHWINCO INDUSTRIES INC.	DOUBLE PANE	132.1
		ROOFING		
X	ASPHALT SHINGLES	TAMKO BUILDING PRODUCTS	HERITAGE 30 AR	1956.3
X	ASPHALT UNDERLAYMENT	TAMKO BUILDING PRODUCTS	MASTER SMOOTH	1481.1
		STRUCTURAL COMPONANTS		
X	HOLD DOWN	SIMPSON STRONG-TIE	HD2A	503.10
X	COILED STRAP	SIMPSON STRONG-TIE	CS16	1901.4
	STRAP TIE	SIMPSON STRONG-TIE	LSTA36	1901.36
	STRAP TIE	SIMPSON STRONG-TIE	MSTC40	1901.64
	STRAP TIE	SIMPSON STRONG-TIE	MSTCM40	1901.70
	FACE MOUNT HANGER	SIMPSON STRONG-TIE	LUS210	3750.87
	FACE MOUNT HANGER	SIMPSON STRONG-TIE	LUS28	3750.96
X	STUD PLATE TIES	SIMPSON STRONG-TIE	SPH4	538.21
	STUD PLATE TIES	SIMPSON STRONG-TIE	SPH6	538.35
X	HURRICANE TIES	SIMPSON STRONG-TIE	H10	474.109
	HURRICANE TIES	SIMPSON STRONG-TIE	H162	1423.4
X	VALLEY TRUSS CLIP	SIMPSON STRONG-TIE	VTC2	3751.6

5/21/10

P.O. BOX 187
130 W. HOWARD STREET
LIVE OAK, FL 32064
PHONE: (386) 362-3678
FAX: (386) 362-6133

REV #	DATE	REVISION NOTES
0	05-27-10	ISSUED FOR CONSTRUCTION

ZAWOY
RESIDENTIAL PLANS

TITLE SHEET

PROJECT NUMBER: PF10-072
DRAWN BY: F. VULETICH
CHECKED BY: G.J.G.

T-1.0

SHEET 1 OF

DESIGN CRITERIA

DESIGN PER 2007 FLORIDA BUILDING CODE UNLESS OTHERWISE NOTED.

LIVE LOADS:

1. ROOFS AND CANOPIES:
   - 0 TO 200 SF 16PSF
   - 201 TO 600 SF 14PSF
   - OVER 600 SF 12PSF
   - STAIRS 100PSF
   - FLOORS 50PSF
   - CORRIDORS 80PSF
   - LOBBIES 80PSF
   - BALCONIES 60PSF
   - PARTITION LOAD (DEAD LOAD) 20PSF
2. THIS BUILDING IS NOT LOCATED IN THE WIND BORNE DEBRIS REGION. IMPACT RESISTANT GLAZING IS NOT REQUIRED.

CONCRETE

1. ALL CONCRETE DESIGNED PER CURRENT EDITION OF ACI 318
2. ALL CONCRETE SHALL BE CONTROLLED CONCRETE.
3. CONCRETE SHALL HAVE THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:
   - A. FOUNDATION WALLS, PIERS AND FOOTINGS .... 3000 PSI
   - B. SLABS ON GRADE .... 3000 PSI
   - C. ALL OTHER CONCRETE .... 3000 PSI
4. ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE WITH A NOMINAL AIR DRY DENSITY OF 145 PCF.
5. PROVIDE CONSTRUCTION JOINTS WHERE SHOWN. OMIT NONE AND ADD NON WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT/ENGINEER. SUBMI DRAWINGS SHOWING ALL PROPOSED CONSTRUCTION JOINT LOCATIONS FOR APPROVAL PRIOR TO PREPERATION OF AFFECTED REINFORCEMENT SHOP DRAWINGS.
6. MINIMUM ELAPSED TIME BETWEEN ADJACENT CONCRETE PLACEMENTS SHALL BE 48 HRS.
7. CONCRETE MIX DESIGN FOR EACH TYPE AND STRENGTH OF CONCRETE SPECIFIED SHALL BE SUBMITTED FOR ARCHITECT /ENGINEER REVIEW 30 DAYS PRIOR TO PLACEMENT OF CONCRETE.
8. ALL REINFORCING STEEL ASTM A615 GRADE 60, ALL WELDED WIRE FABRIC ASTM A185

REINFORCING

1. ALL BAR REINFORCEMENT SHALL CONFORM TO ASTM 615 GRADE 60
2. WELDED WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A185.
3. CLEARANCE OF MAIN REINFORCEMENT FROM ADJACENT SURFACES SHALL CONFORM TO THE FOLLOWING (UNLESS OTHERWISE SHOWN IN DETAIL)
   - A. UNFORMED SURFACES IN CONTACT WITH GROUND (FOOTING OR WALL BOTTOM) .... 3"
   - B. SLABS ON GRADE .... 2 1/2"
   - C. FORMED SURFACE IN CONTACT WITH GROUND OR EXPOSED TO WEATHER (WALLS, PIERS) .... 2"
   - D. IN ALL CASES, CLEARANCE NOT LESS THAN DIAMETER OF BARS.

   NOTE:MAXIMUM DEVIATION FROM THESE REQUIREMENTS SHALL BE + 1/4" FOR SECTIONS 10" OR LESS AND + 1/2" FOR SECTIONS OVER 10" THICK.
4. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS UNLESS OTHERWISE INDICATED ON DRAWINGS.
5. WHERE REINFORCEMENT IS NOT SHOWN ON DRAWINGS, PROVIDE REINFORCEMENT IN ACCORDANCE WITH APPLICABLE TYPICAL DETAILS OR SIMILAR TO THAT SHOWN FOR MOST NEARLY SIMILAR SITUATIONS, AS DETERMINED BY THE ARCHITECT/ENGINEER. IN NO CASE SHALL REINFORCEMENT BE LESS THAN MINIMUM PERMITTED BY APPLICABLE CODES.
6. ALL WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI-315)
7. ALL REINFORCEMENT SHALL BE INSPECTED AND APPROVED BY THE ARCHITECT/ENGINEER OR OWNER TESTING AGENCY BEFORE CONCRETE IS PLACED.
8. WHERE CONTINUOUS BARS ARE CALLED FOR THEY SHALL BE RUN CONTINUOUSLY AROUND CORNERS, LAPPED AT NECESSARY SPLICES AND HOOKED AT DISCONTINUOUS ENDS.
9. WELDED WIRE FABRIC SHALL BE LAPPED ONE FULL MESH PANEL OR 6" MINIMUM.
10. ALL REINFORCING SPLICES SHALL CONFORM TO THE TABLE(S) PRVIDED IN THE GENERAL NOTES FOR STRENGTH OF CONCRETE BUT IN NO CASE LESS THAN THE REQUIRENMENTS OF THE LATEST EDITION OF ACI-318.
11. SLABS AND WALLS SHALL NOT BE SLEEVED OR BOXED OUT OR HAVE THEIR REINFORCING INTERUPTED EXCEPT AS SPECIFICALLY NOTED ON THE DRAWINGS. PROVIDE ADDITIONAL REINFORCEMENT AROUND OPENINGS AS SHOWN IN THE DETAILS.
12. SUBMIT CHECKED SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO FABRICATION OF REINFORCING. DRAWINGS SHALL SHOW REINFORCING DETAILS, INCLUDING SIZE AND SPACING OF BARS AND SUPPORT DETAILS. SHOP DRAWINGS SHALL INDICATE CONSTRUCTION JOINTS, CURBS, DEPRESSIONS, SLEEVES AND OPENINGS, ETC. WITH ALL ADDITIONAL REINFORCING REQUIRED.
13. BAR SUPPORTS SHALL BE GALVANIZED OR STAINLESS STEEL. BAR SUPPORTS IN CONTACT WITH EXPOSE SURFACES SHALL BE GALVANIZED AND PLASTIC TIPPED.

SLAB AND WALL REINFORCING LAP SPLICE LENGTHS

LAP SPLICE LENGTHS FOR REINFRCING IN **4000 PSI CONCRETE** ARE AS FOLLOWS:

BAR SIZE	TENSION SPLICE		DEVELOPMENT LENGTH
	TOP	OTHER	
3	21	15	13
4	29	20	17
5	35	25	21
6	43	31	25
7	54	39	32
8	71	51	42

LAP SPLICE LENGTHS FOR REINFORCING IN **3000 PSI CONCRETE** ARE AS FOLLOWS:

BAR SIZE	TENSION SPLICE		DEVELOPMENT LENGTH
	TOP	OTHER	
3	21	15	13
4	29	20	17
5	35	25	21
6	46	33	27
7	63	45	37
8	82	59	49

NOTES:

1. LAPPED SPLICE LENGTHS BASED ON ASTM A-615. GADE 60, REBAR
2. REINFORCING BARS ARE CLASSIFIED AS TOP BARS WHEN MORE THAN 12" OF CONCRETE IS CAST BENEATH RESPECTIVE REINFORCING BAR.
3. COMPRESSION SPLICES PERMISSIBLE ONLY WHERE SPECIFICALLY NOTED ON THE DRAWINGS, DETAILS OR SCHEDULS.
4. TENSION SPLICES SHALL BE USED IN ALL BEAMS, SLABS AND WALLS UNLESS OTHERWISE NOTED
5. WHEN LAPPING LARGER BAR WITH SMALLER BAR, LAP LENGTH FOR SMALLER BAR SHALL GOVERN RESPECTIVE SPLICE.
6. SPLICE CONTINUOUS TOP REINFORCING BARS AT CENTER OF CLEAR SPAN WITH COMPRESSION SPLICES.
7. SPLICE CONTINUOUS BOTTOM REINFORCING BARS AT CENTER OF SUPPORTING ELEMENT WITH COMPRESSION SPLICES
8. ALL SPLICE LENGTHS NOTED IN INCHES

FOUNDATIONS

1. ALL FINISHED EXCAVATIONS AND BEARING GRADES SHALL BE INSPECTED AND APPROVED BY THE OWNERS SOIL TESTING AGENCY BEFORE ANY CONCRETE IS PLACED.
2. ALL FOUNDATION WALLS SHALL BE BRACED DURING THE OPERATION OF BACKFILLING AND COMPACTION BRACING SHALL BE LEFT IN POSITION UNTIL PERMANENT RESTRAINTS ARE EFFECTIVE. BACKFILL NO FOUNDATION WALLS UNTIL PERMANENT LATERAL STRUCTURAL SUPPORT SYSTEM IS IN PLACE AND OF ADEQUATE STRENGTH TO WITHSTAND THE APPLIED LATERAL PRESSURES.
3. LOCATE ALL EXISTING BELOW GRADE UTILITIES. PROVIDE UTILITIES WITH POSITIVE PROTECTION AGAINST DAMAGE DUE TO SETTLEMENT AND CONSTRUCTION OPERATIONS.
4. ALL FOOTING SUBGRADES, AS REQUIRED, AND ALL SLAB SUBGRADES SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT BASED ON LABORATORY DESIGNATION ASTM D1557.
5. COMBINED AND INDIVIDUAL FOOTINGS AR DESIGNED TO BEAR ON UNIFORM SOIL CAPABLE OF SUPPORTING 2,500 PSF. CONTINUOUS FOOTINGS ARE DESIGNED TO BEAR ON SOIL CAPABLE OF SUPPORTING 2,500 PSF.

FLOOR SLABS

1. FLOOR SLABS SHALL BE SUPPORTED ON AT LEAST 4" OF RELATIVELY CLEAN GRANULAR MATERIAL SUCH AS SAND, SAND AND GRAVEL, OR CRUSHED STONE . GRANULAR MATERIAL SHALL HAVE 100 % PASSING THE 1 1/2" SIEVE AND A MAXIMUM OF 10% PASSING THE NO. 200 SIEVE.
2. STRUCTURAL FILL SHALL BE PLACED IN THIN LOOSE LIFTS NOT EXCEEDING 12" IN THICKNESS AND COMPACTED WITH A HEAVY ROLLER. EACH LIFT SHALL BE THOROUGHLY COMPACTED WITH THE LABORATORY ROLLER TO PROVIDE DENSITIES TO AT LEAST 95% OFTHE PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557). STRUCTURAL FILL SHALL CONSIST OF AN INORGANIC, NON-PLASTIC, GRANULAR SOIL CONTAINING LESS THAN 10% MATERIAL PASSING THE 200 MESH SIEVE.

SUPPLEMENTARY NOTES

1. ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE, UON. OTHER MANUFACTURERS MAY BE SUBSTITUTED. SCREW SIZE AND NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CATALOG. ROOF TRUSS CLIPS SHALL BE SELECTED TO PROVIDE THE UPLIFT RESISTANCE SHOWN ON THE ROOF TRUSS SHOP DRAWINGS.
2. TRUSS ENGINEER MAY PROVIDE ALTERNATE CONNECTIONS.
3. PROVIDE ALL TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. THE STRUCTURE SHOULD NOT BE CONSIDERED STABLE UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN CONSTRUCTED.
4. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS. ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT SHALL BE VERIFIED WITH EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.
5. EMBEDMENT FOR EXPANSION BOLTS SHALL BE 3 1/4"Ø MINIMUM FOR 3/4" BOLTS IN CONCRETE, 5 1/4" IN GROUTED MASONRY. HILTI KWIK BOLT II OR EQUAL. EPOXY GROUT SHALL BE POWER FAST CARTRIDGE SYSTEM BY RAWL, HY150 CARTRIDGE SYSTEM BY HILTI: (HILTI RE500, IF HOLE IS CORED INSTEAD OF DRILLED) OR APPROVED EQUAL, UON. EMBEDMENT SHALL BE 12 BAR DIAMETERS MINIMUM, UON. HOLES SHALL BE 1/4" LARGER THAN REBAR SIZE, AND 1/8" LARGER THAN THREADED ROD SIZE. HOLE SHALL BE BRUSHED OUT WITH BOTTLE BRUSH AND THEN BLOWN OUT WITH AIR USING A COMPRESSOR WITH A FUNCTIONAL OIL TRAP. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS.
6. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER IN THE STATE OF THE PROJECT. GENERAL CONTRACTOR MUST REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT / ENGINEER. SUBMITTALS WHICH DO NOT CONTAIN THE CONTRACTOR'S SHOP DRAWING STAMP OR HAVE BEEN MERELY "RUBBE STAMPED" SHALL BE RETURNED WITHOUT REVIEW.
7. CHANGES TO THE CONTRACT DOCUMENTS SHALL BE CLOUDED ON SHOP DRAWINGS OR REQUESTED IN WRITING. THE CONTRACTOR IS LIABLE FOR ANY DEVIATIONS UNLESS REVIEWED AND ACKNOWLEDGED BY THE ENGINEER. SHOP DRAWING SUBMITTALS SHALL ONLY BE CHECKED FOR CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION SHOWN ON THE CONSTRUCTION DOCUMENTS.

TERMITE PROTECTION NOTES:

1. SOIL CHEMICAL BARREIER METHOD:
   A PERMANNENT SIGN THAT IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHAL L BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1042.6
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
3. IRRIGATION/SPRINKLERS SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO FOUNDATION WALL. FBC 1816.1.1
4. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
5. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
6. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC. SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS, PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ILMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3
7. MINIMUM 6 MIL VAPOR RETATRDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4
8. CONCRTE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC. 1816.1.5
9. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6
10. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1916.1.6
11. ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT. FBC 1816.1.6
12. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLTE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7
13. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 503.1.3
14. NO WOOD, VEGETATION , STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 3203.1.4

ROUGH CARPENTRY

GENERAL

1. COMPLY WITH THE MOST CURRENT ADDITION OF THE "AFPA NATIONAL DESIGN SPECIIFICATION FOR WOOD CONSTRUCTION MANUAL" AND THE MOST CURRENT ADDITION OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION "TIMBER CONSTRUCTION MANUAL"
2. PROVIDE NEW LUMBER AND PLYWOOD WITH GRADE WHICH INDICATES SPECIES, MILL NUMBER, MOISTURE CONTENT WHEN SURFACED, AND GRADE RO STRESS RATING STAMPS FROM THE ASSOCIATIONS HAVING JURISDICTION.
3. FASTEN STUDS AND RAFTERS WITH WIND TIES/CLIPS: JOISTS AND RAFTERS TO SIDE OF BEAMS WITH HANGERS, AND SHEAR WALLS WITH HOLD-DOWNS USING PROPRIETARY STEEL CONNECTORS.
4. PRESSURE TREAT ALL STRUCTURAL LUMBER IN COMPLIANCE WITH SPECIFICATIONS.
5. PROVIDE HOT DIPPED GALVANIZED OR STAINLESS STEEL FASTENERS AND HARDWARE CONNCTORS AT PRESSURE TREATED STRUCTURAL LUMBER.
6. PROVIDE WOOD HARDWARE CONNECTORS AS MANUFACTURED BY "SIMPSON STRONG-TIE COMPANY INC."

WALL CONSTRUCTION

1. PROVIDE SOUTHERN PINE GRADE KILN-DRIED STUDS WITH MAXIMUM MOISTURE CONTENT OF 15% AT TIME OF DRESSING.
2. FRAME INTERIOR WALLS WITH 2"X4" STUDS @ 16" O.C. AND EXTERIOR WALLS WITH 2"X6" @ 16" O.C. FOR HEIGHTS UNDER 10"-0"
3. PROVIDE SOLID WALL BRIDGING SPACED AT 4'-0" VERTICALLY.
4. VERTICALLY ALIGN STUDS AND OPENINGS IN BEARING WALLS UNLESS SPECIAL FRAMING IS PROVIDED.
5. FORM CORNERS WITH A MINIMUM OF 3 STUDS SPIKED TOGETHER.
6. PROVIDE SINGLE BOTTOM SHOE AND DOUBLE TOP PLATE IN ALL BEARING WALLS. OFFSET TOP PLATES A MINIMUM OF 4'-0". TIE SHOE AND TOP PLATE BUTT JOINTS TOGETHER WITH METAL PLATES. ANCHOR SILLS WITH 5/8"Ø BOLTS EMBEDDED 8" AND SPACED NO MORE THAN 4'-0" APART AND LOCATED AT CORNERS AND 12" FROM OPENINGS AND ENDS OF WALLS.
7. FABRICATE BUIT-UP POSTS AS FOLLOWS:
   - A. (2) 2"X4"S FASTENED WITH ONE ROW OF STAGGERED 10d NAILS @6"
   - B. (3) 2"X4"S FASTENED WITH ONE ROW OF STAGGERED 30d NAILS @ 8"
   - C. (3) 2"X6"S FASTENED WITH TWO ROWS OF 30d NAILS

FLOOR AND ROOF CONSTRUCTION

1. PROVIDE SOUTHERN PINE NO. 2 OR BETTER LUMBER FOR JOISTS AND RAFTERS SURFACED DRY WITH MAXIMUM MOISTURE CONTENT OF 19% AT THE TIME OF DRESSING.
2. LOCATE JOISTS AND RAFTERS DIRECTLY OVER WALL STUDS.
3. PROVIDE DOUBLE JOIST UNDER WALL PARALLEL TO JOISTS.
4. NOTCHES IN JOISTS SHALL NOT EXCEED 1/6 OF THE JOIST DEPTH AND SHALL NOT BE IN THE MIDDLE THIRD OF THE SPAN. BORED HOLES SHALL NOT BE WITHIN 2" OF JOIST EDGES AND SHALL NOT EXCEED 1/3 OF THE DEPTH OF THE JOIST.
5. INSTALL ONE LINE OF 1"X3" CROSS BRIDGING FOR EACH 8'-0" OF FLOOR FRAMING. INSTALL 2" SOLID BLOCKING BETWEEN JOISTS OVER ALL BEAMS OR OTHER SUPPORTING MEMBERS.
6. PROVIDE 5/8" APA STRUCTURAL 1 RATED PLYWOOD SHEATHING EXTERIOR EXPOSURE FOR SUBFLOORS AND COVER WITH 5/8" TONGUE AND GROOVE, INTERIOR TYPE WITH EXTERIOR GLUE, UNDERLAYMENT GRADE PLYWOOD.

PREFABRICATED TRUSSES

1. DESIGN, FABRICATE, AND INSTALL METAL PLATE-CONNECTED TRUSSES MEETING TRUSS PLATE INSTITUTE TPI 1-1995 AND THE MOST CURRENT COPY OF THE AMERICAN FOREST AND PAPER ASSOCIATION "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
2. SUBMIT SHOP DRAWINGS TO THE ARCHITECT SHOWING ERECTION PLAN FABRICATED ASSEMBLIES, AND ACCESSORIES. SHOW MEMBER DESIGNATIONS SIZES AND CONNECTIONS. SUBMIT DESIGN CALCULATIONS PREPARED BY A LICENSED ENGINEER INDICATING STRENGTHS, STABILITY, AND SERVICEABILITY OF MEMBERS AND CONNCTIONS.
3. PROVIDE KILN-DRIED LUMBER MEETING OR EXCEEDING THE FOLLOWING DESIGN VALUES:
   F_b = 1,400 PSI: F_t = 925 PSI: F_c = 1,500 PSI: AND E = 1,600,000 PSI.
   APPLY DESIGN ADJUSTMENT FACTORS ACCORDING TO NDS.
4. BRACE ROOF TRUSSES TO PROVIDE STABILITY DURING AND AFTER CONSTRUCTION .

6/2/10

REV #	DATE	REVISION NOTES
0	05-27-10	ISSUED FOR CONSTRUCTION

P.O. BOX 187
130 W. HOWARD STREET
LIVE OAK, FL 32064
PHONE: (386) 362-3678
FAX: (386) 362-6133

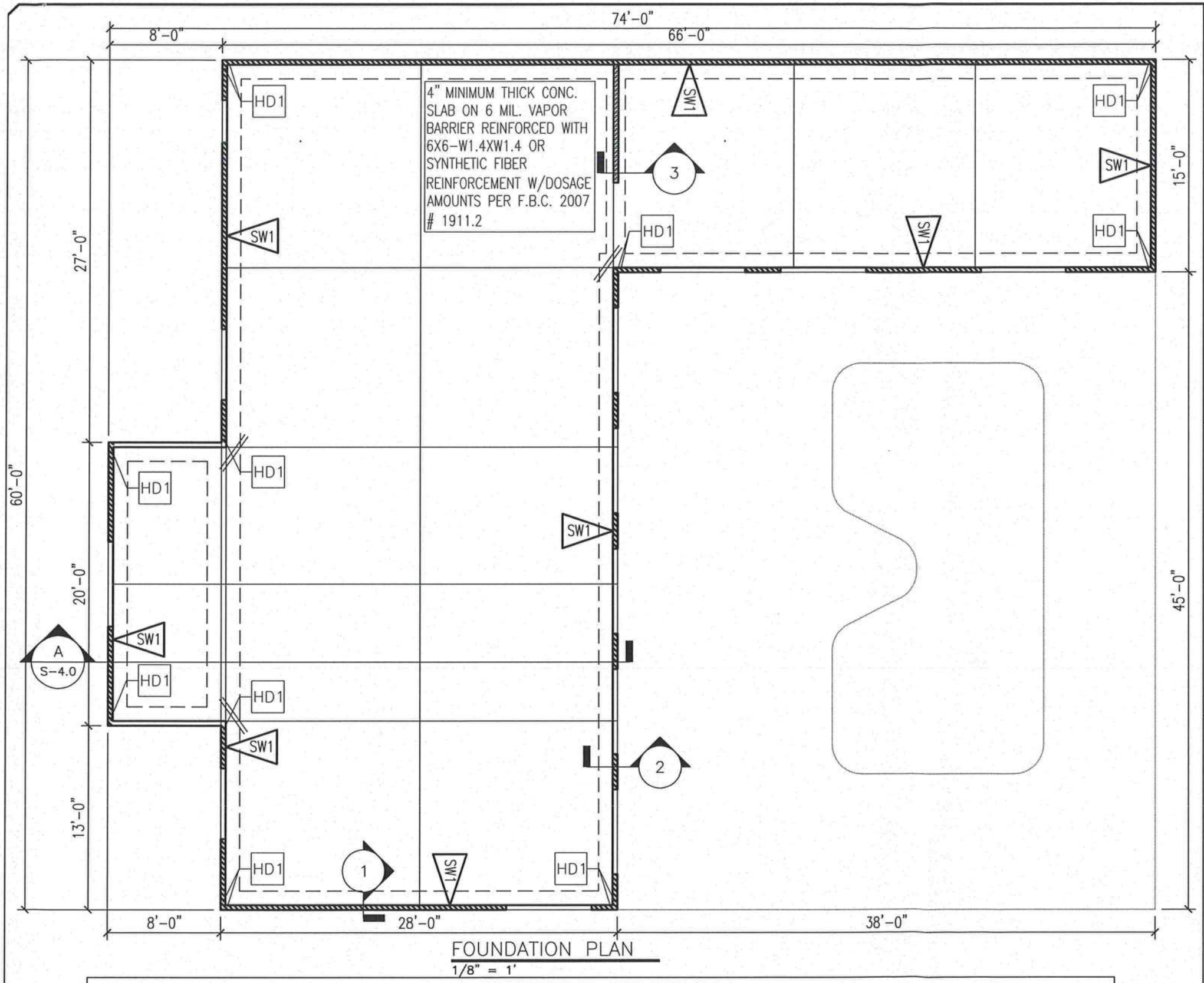
ZAWOY
RESIDENTIAL PLANS

GENERAL NOTES

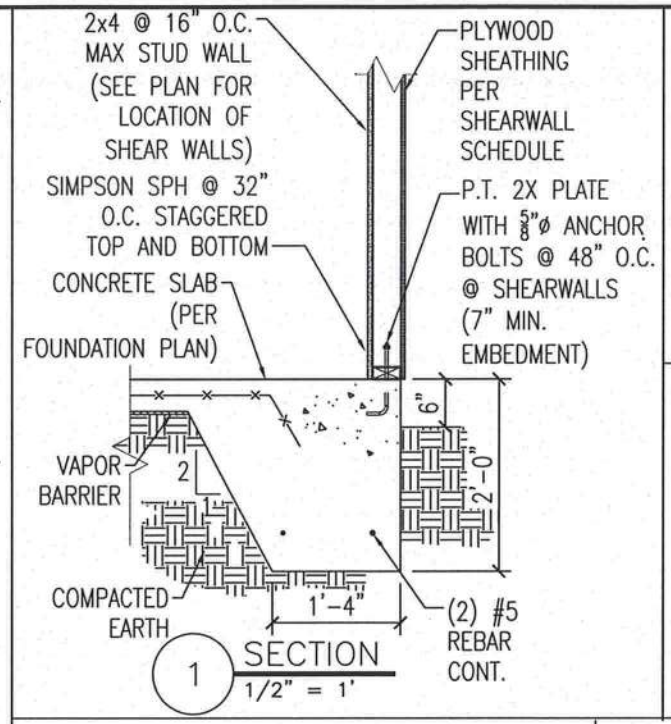
PROJECT NUMBER PF10-072
DRAWN BY F. VULETICH
CHECKED BY G.J.G.

S-1.0

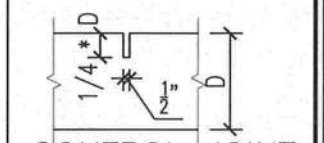
SHEET 1 OF



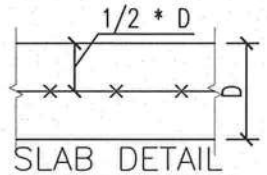
FOUNDATION PLAN
1/8" = 1'



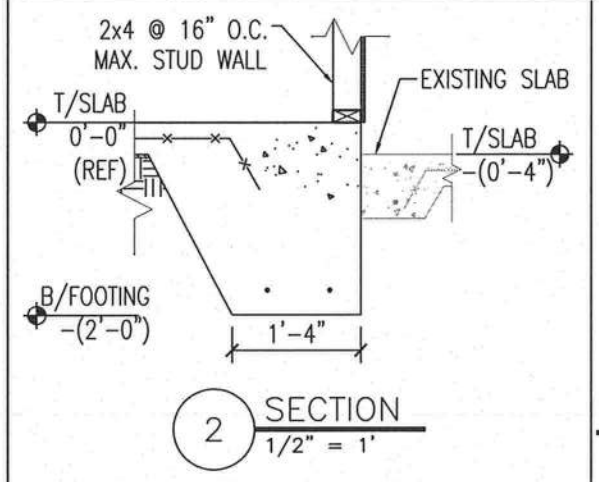
1 SECTION
1/2" = 1'



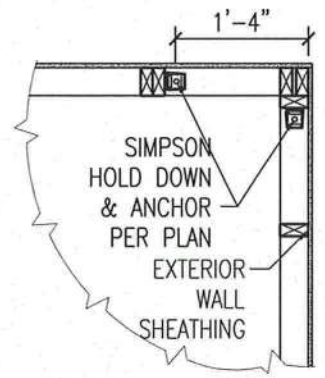
CONTROL JOINT
1 1/2" = 1'



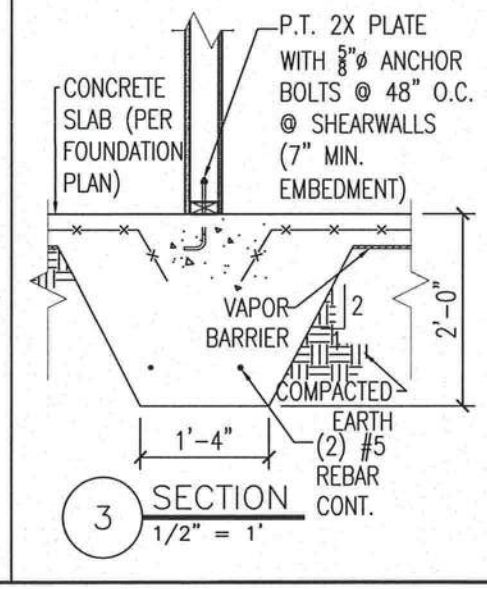
SLAB DETAIL
1 1/2" = 1'



2 SECTION
1/2" = 1'



HOLD DOWN (TYP)
1/2" = 1'



3 SECTION
1/2" = 1'

*NOTES:

(1) HD1 = SIMPSON STRONG-TIE HD2A

(2) CONTRACTOR SHALL VERIFY ALL FOUNDATION DIMENSIONS PRIOR TO CONSTRUCTION. IF A DIMENSION CONFLICT OCCURS BETWEEN FLOOR PLAN AND THE FOUNDATION PLAN, THE FLOOR PLAN SHALL CONTROL.

(3) ADDED FILL SHALL BE APPLIED IN 8" LIFTS. EACH LIFT SHALL BE COMPACTED TO 90% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

(5) ▨ = SHEAR WALL

SHEARWALL SCHEDULE

MARK	SHEATHING TYPE &SIZE	NAILING PATTERN	HOLDDOWN REQUIREMENTS	ANCHOR BOLTS SPACING
SW1	7/16" PLYWOOD SHEATHING	8d NAILS @ 4" O.C. EDGES AND 8" O.C. FIELD	HD2A W/ ANCHOR BOLT @ EACH END OF SHEAR	5/8"ø @ 48" O.C.

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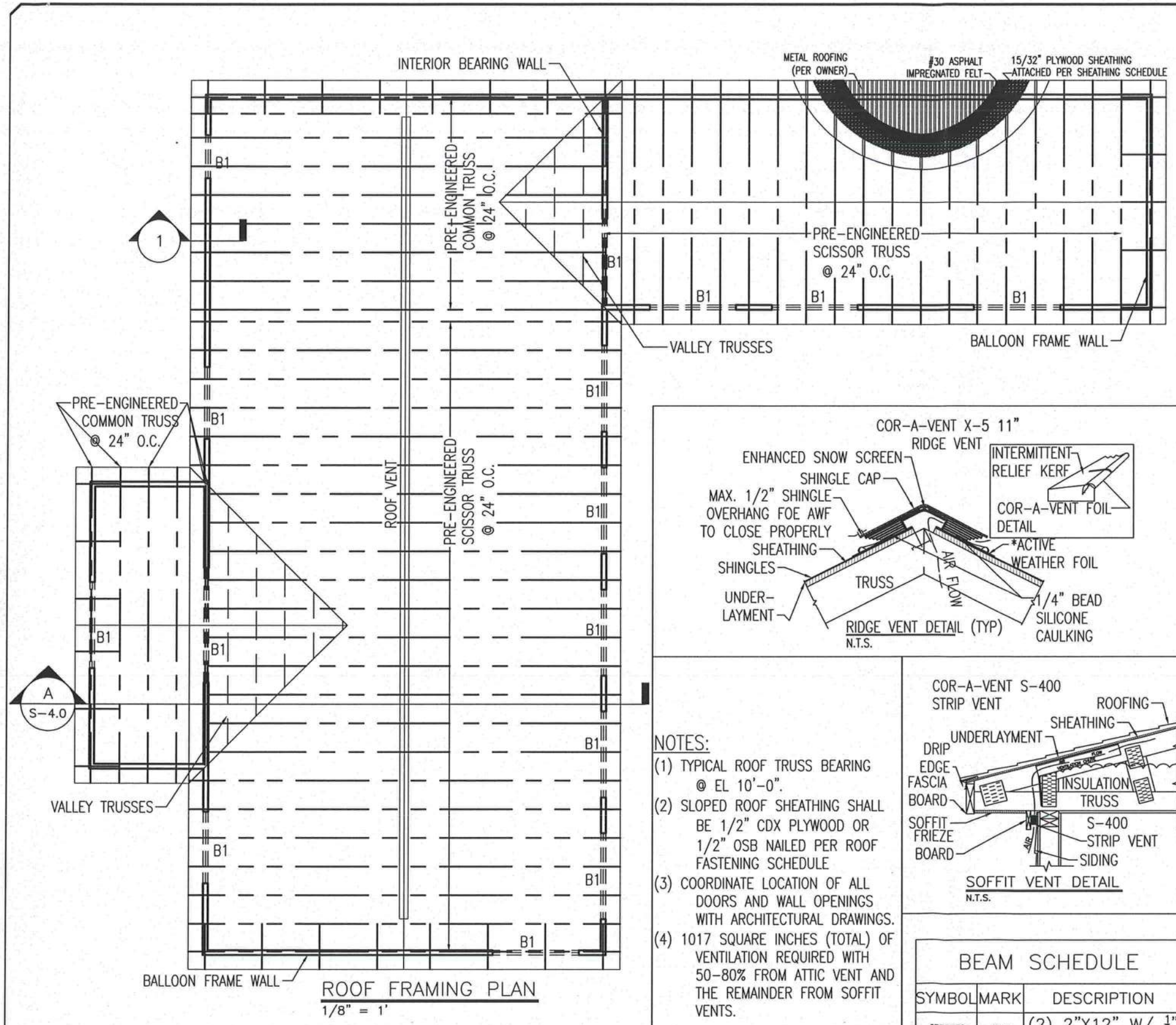
ZAWOY
RESIDENTIAL PLANS

FOUNDATION PLAN

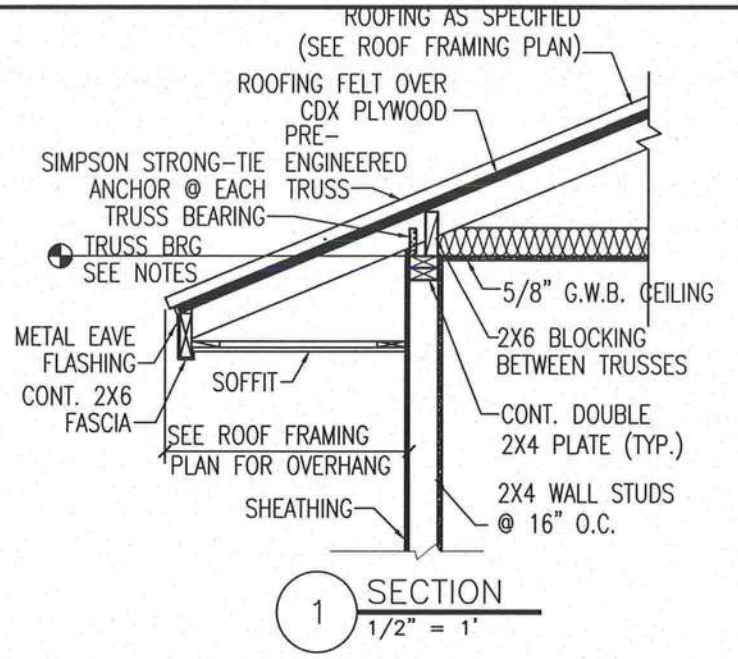
PROJECT NUMBER PF10-072
DRAWN BY F. VULETICH
CHECKED BY G.J.G.

S-2.0

SHEET 1 OF

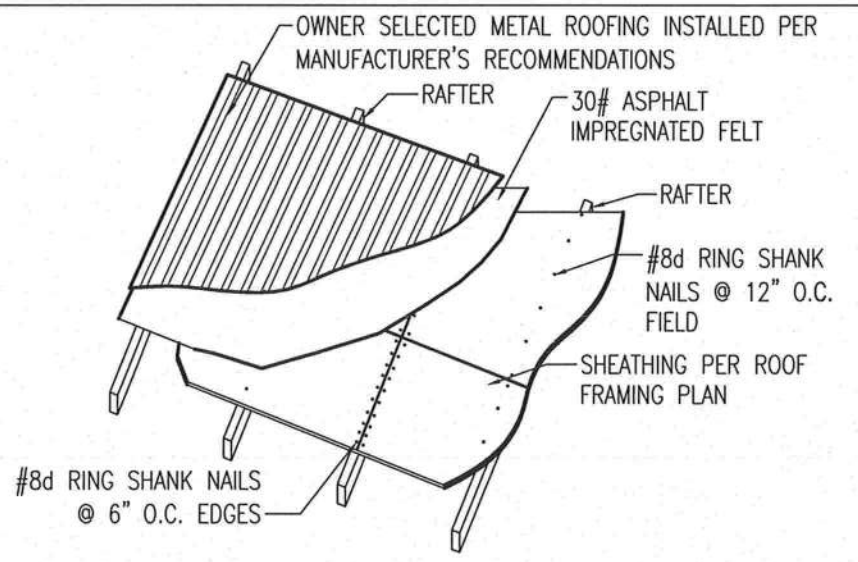


ROOF FRAMING PLAN
1/8" = 1'



1 SECTION
1/2" = 1'

RIDGE VENT DETAIL (TYP)
N.T.S.



ROOFING & SHEATHING CONNECTIONS TO TRUSSES

NOTES:

(1) TYPICAL ROOF TRUSS BEARING @ EL 10'-0".

(2) SLOPED ROOF SHEATHING SHALL BE 1/2" CDX PLYWOOD OR 1/2" OSB NAILED PER ROOF FASTENING SCHEDULE

(3) COORDINATE LOCATION OF ALL DOORS AND WALL OPENINGS WITH ARCHITECTURAL DRAWINGS.

(4) 1017 SQUARE INCHES (TOTAL) OF VENTILATION REQUIRED WITH 50-80% FROM ATTIC VENT AND THE REMAINDER FROM SOFFIT VENTS.

SOFFIT VENT DETAIL
N.T.S.

BEAM SCHEDULE

SYMBOL	MARK	DESCRIPTION
======	B1	(2) 2"X12" W/ 1/2" PLYWOOD FILLER

TRUSS FASTENER SCHEDULE

LOCATION	PLY	UPLIFT	FASTENER		NAILS REQUIRED	
			QUANT.	ITEM #	TRUSS	PLATE
ROOF TRUSS	1	<415 #	1	H2.5	(5) 8d	(5) 8d
	1	<905 #	1	H10	(8) 8dX1 1/2	(8) 8dX1 1/2
	1	<1200 #	2	H2.5	(10) 8d	(10) 8d
	2	<870 #	1	H10S	(8) 8dX1 1/2	(8) 8dX1 1/2
	2	<2150 #	1	LGT2	(14) 16d SINKERS	(16) 16d SINKERS
	3	<3685 #	1	LGT3-S DS2.5	(26) 16d SINKERS	(12) SDS 1/4"X2 1/2"

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ZAWOY
RESIDENTIAL PLANS

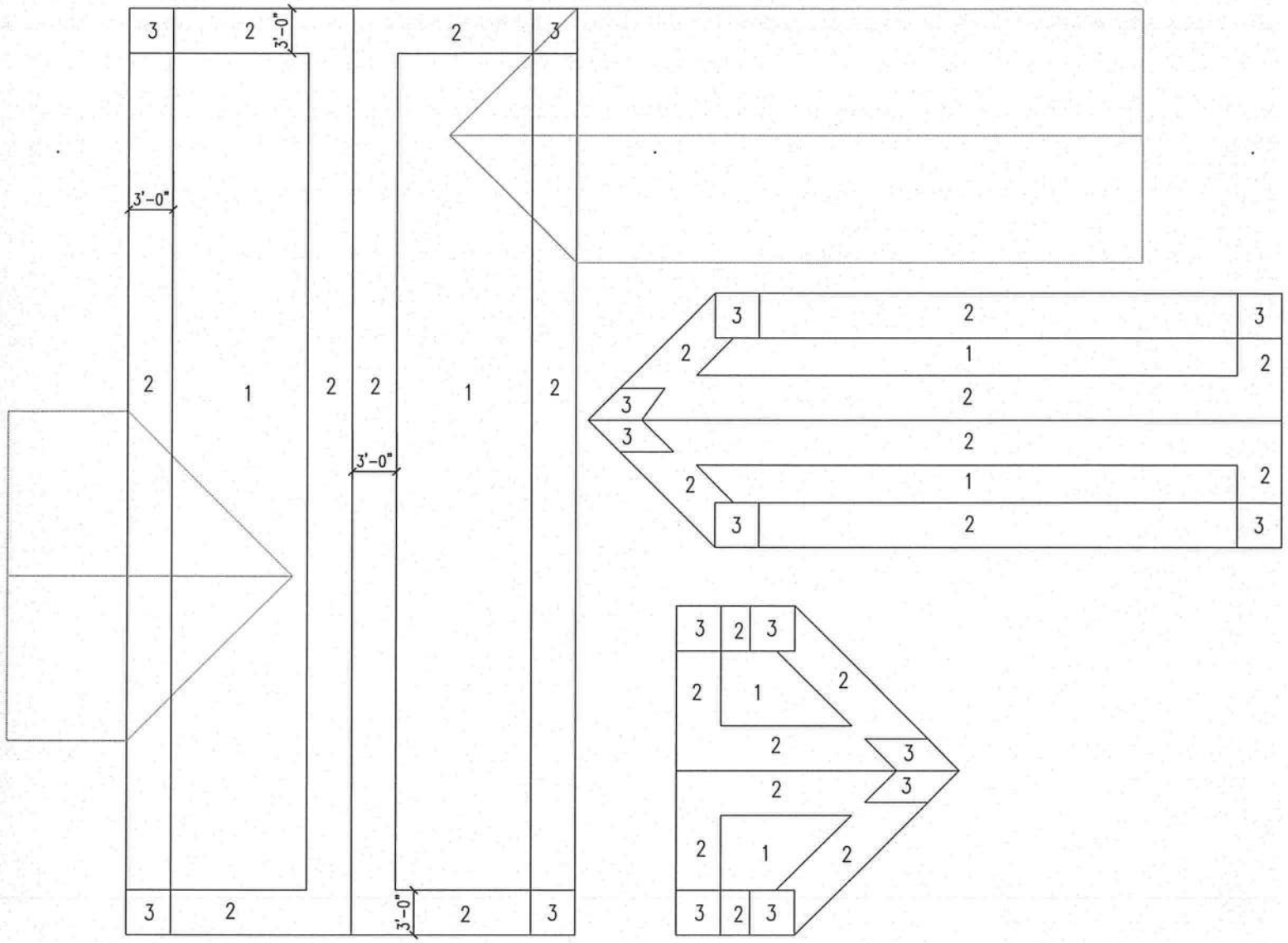
ROOF FRAMING PLAN

PROJECT NUMBER PF10-072
DRAWN BY F. VULETICH
CHECKED BY G.J.G.

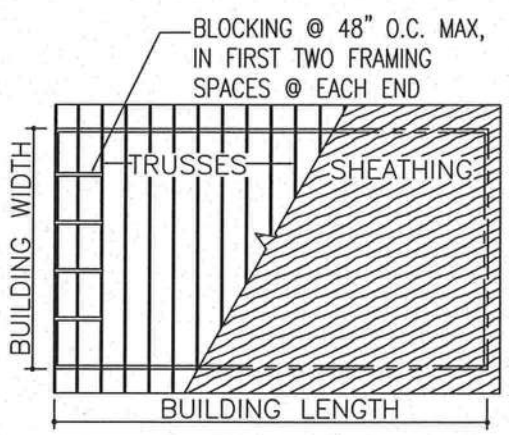
S-3.0

SHEET -

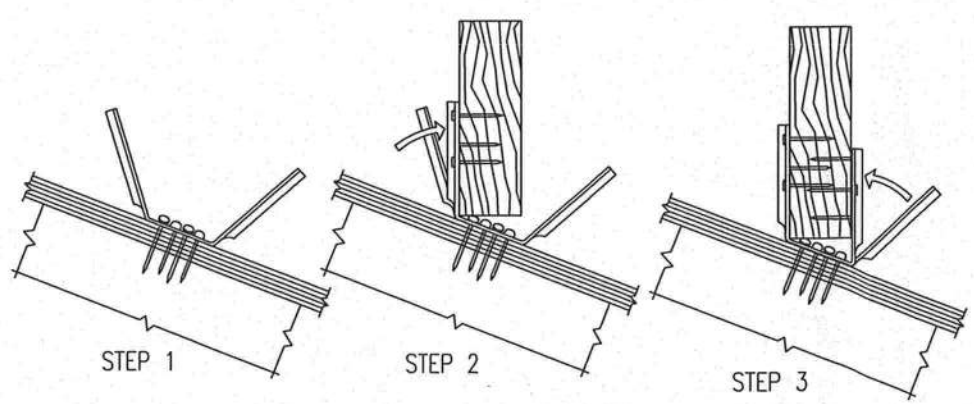
2/2/10



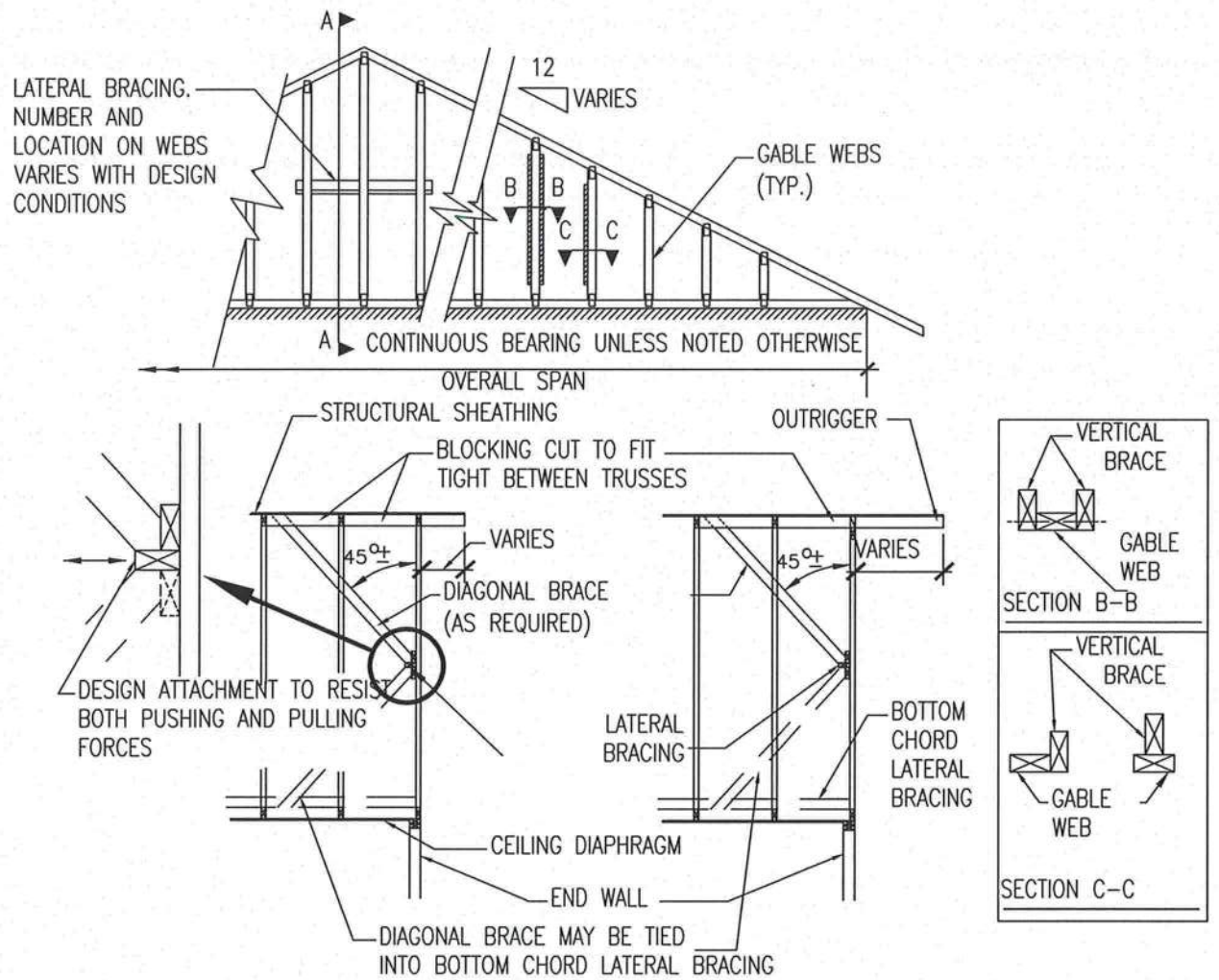
ROOF FASTENING PLAN
3/32" = 1'



ROOF SHEATHING LAYOUT AND ENDWALL ROOF BRACING



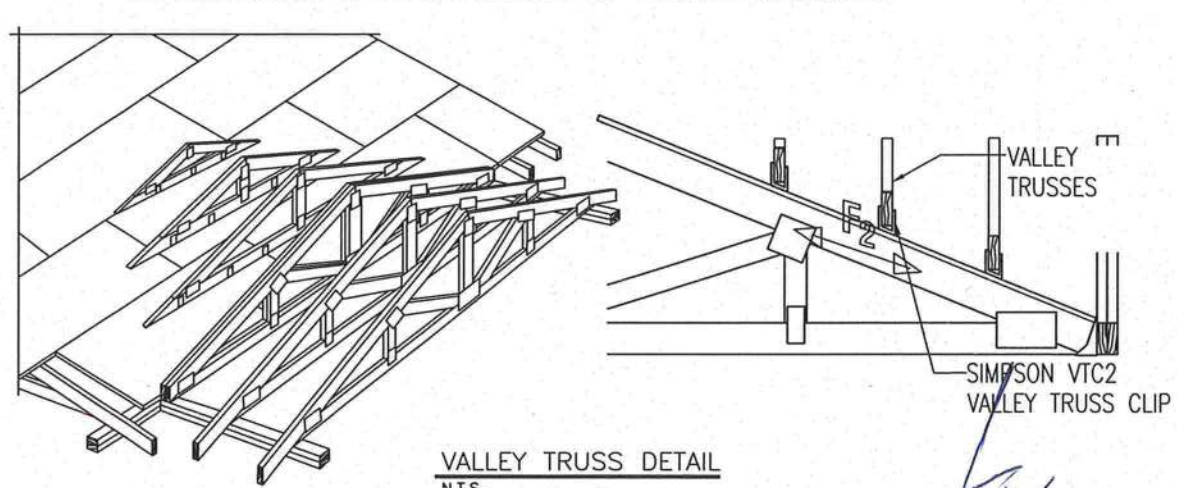
SIMPSON VTC2 VALLEY TRUSS CLIP INSTALLATION



STANDARD END — SECTION A–A — DROPPED TOP CHORD

NOTES:

1. ACTUAL BRACING REQUIREMENTS WILL VARY DUE TO WIND LOAD, CODE CRITERIA BUILDING HEIGHT, TRUSS SPAN, WEB LUMBER (GRADE AND SPECIES), ON CENTER SPACING, AND OTHER VARIABLES. BRACING AND ATTACHEMENT REQUIREMENTS SHOULD BE DESIGNED FOR EACH SPECIFIC JOB.
2. CONNECTION BETWEEN BOTTOM CHORD OF GABLE END TRUSS AND WALL, AS WELL AS THE DESIGN AND SPECIFICATION OF TEMPORARY AND PERMANENT BRACING OF THE ROOF SYSTEM IS THE RESPONSIBILITY OF THE BUILDING DESIGNER.



VALLEY TRUSS DETAIL
N.T.S.

6/2/10

REV #	DATE	REVISION NOTES
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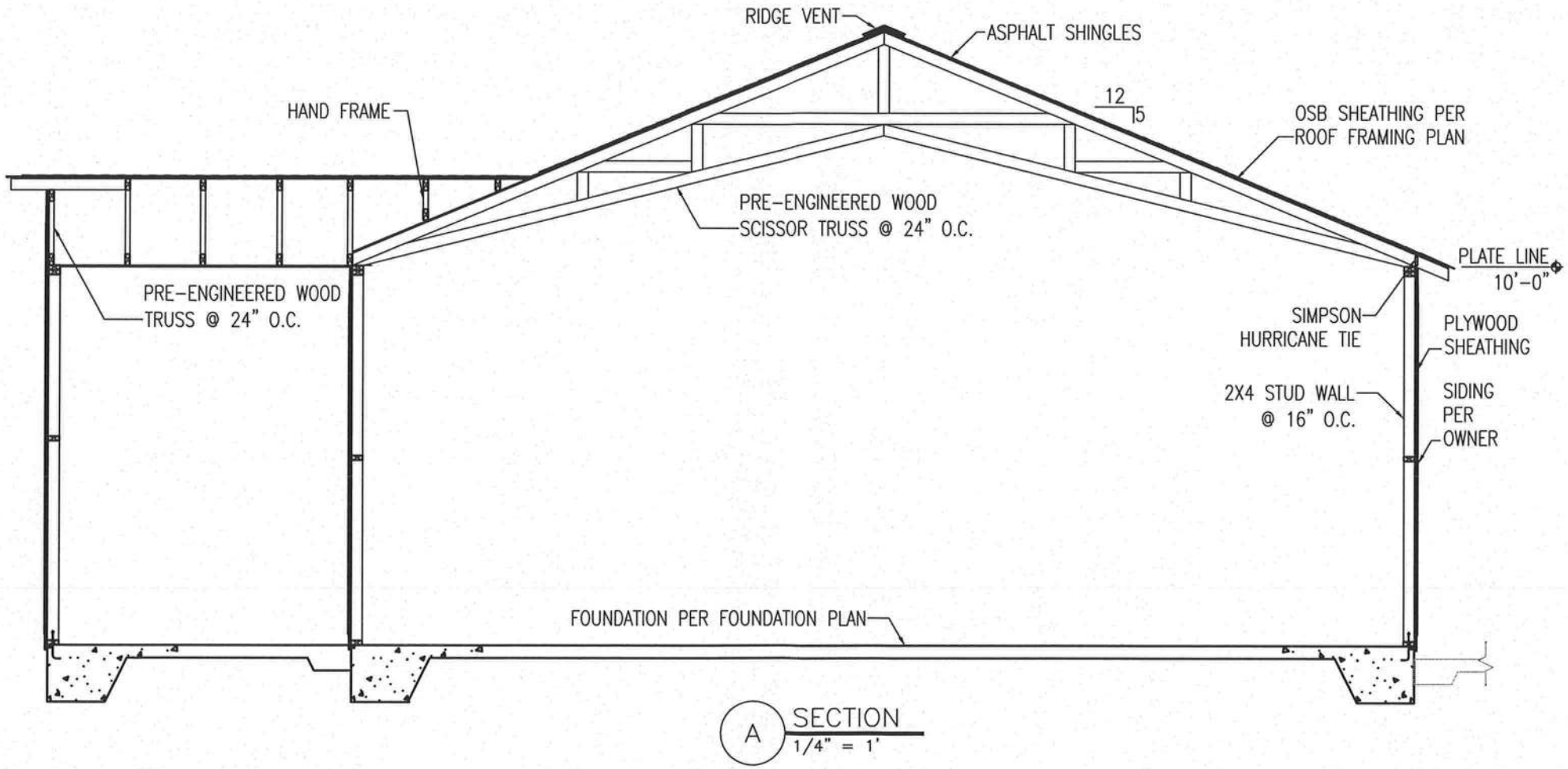
ZAWOY
RESIDENTIAL PLANS

ROOF FASTENING PLAN

PROJECT NUMBER PF10-072
DRAWN BY F. VULETICH
CHECKED BY G.J.G.

S-3.1

SHEET -



A SECTION
1/4" = 1'

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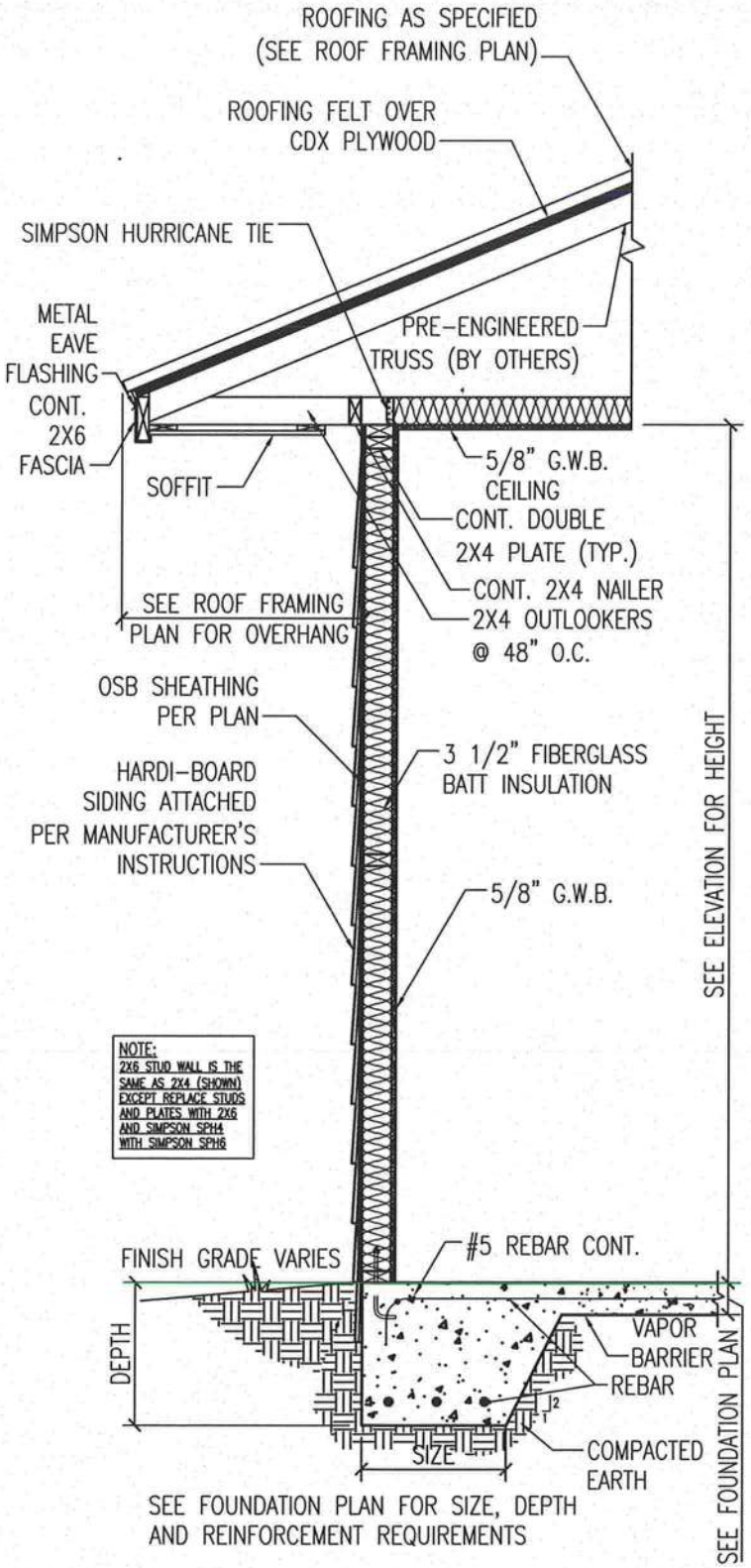
SECTIONS

PROJECT NUMBER
PF10-072
DRAWN BY
F. VULETICH
CHECKED BY
G.J.G.

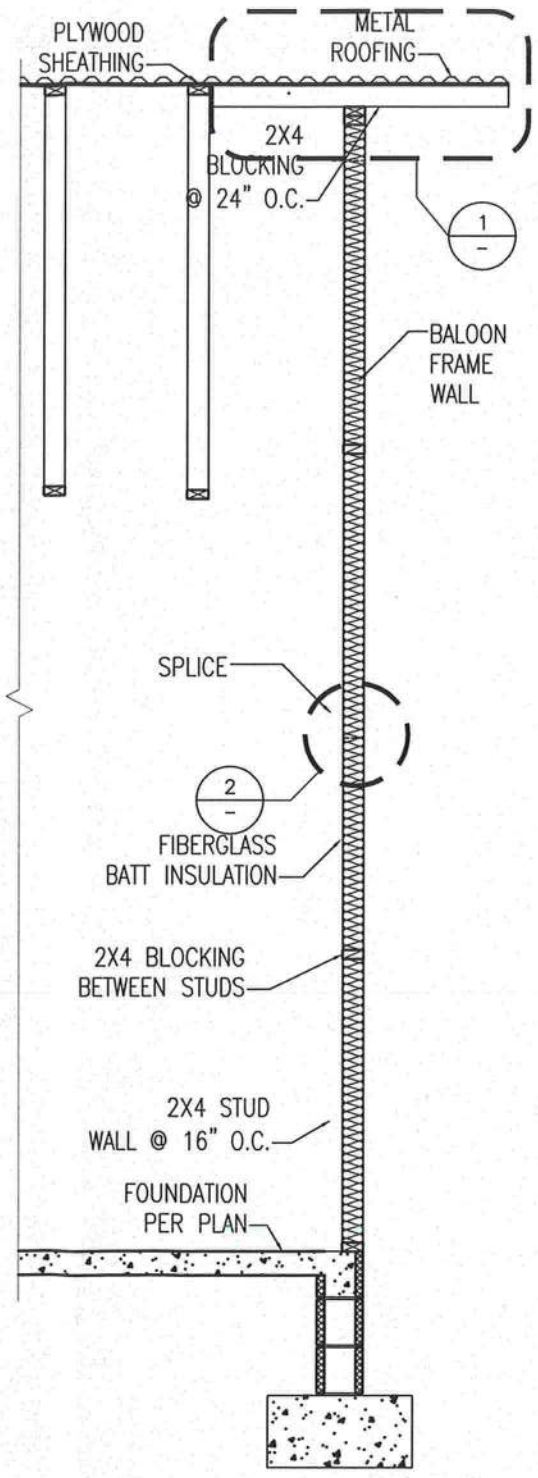
S-4.0

SHEET -

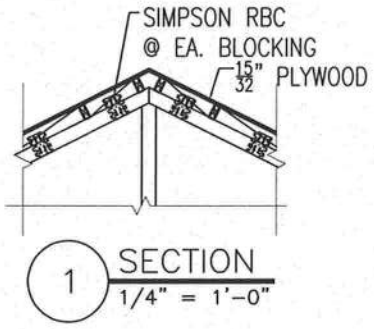
6/2/10



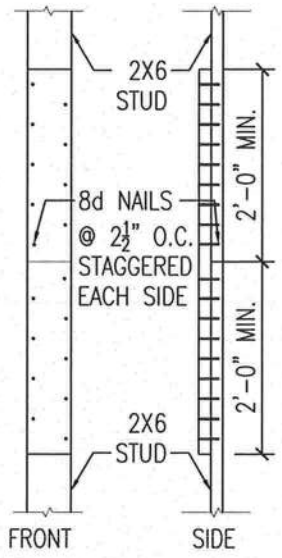
2X4 WALL SECTION
1/2" = 1'



BALLOON FRAME WALL (TYP)
3/8" = 1'



1 SECTION
1/4" = 1'-0"



2 DETAIL
1/2" = 1'

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RESIDENTIAL PLANS

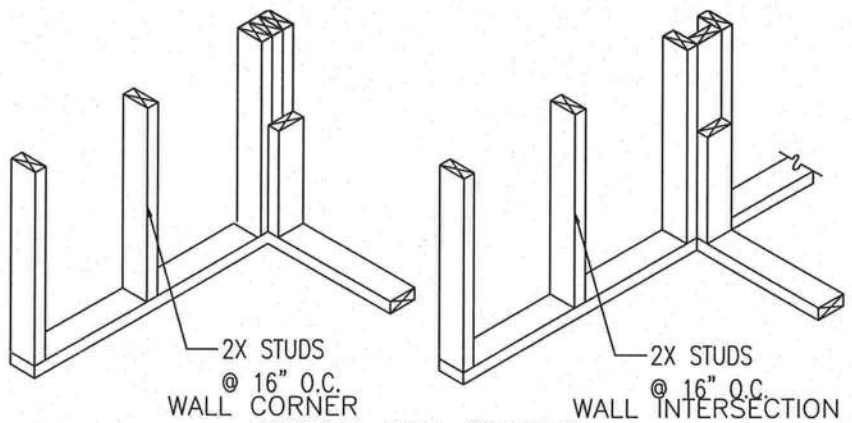
WALL SECTIONS

PROJECT NUMBER PF10-072
DRAWN BY F. VULETICH
CHECKED BY G.J.G.

S-4.1

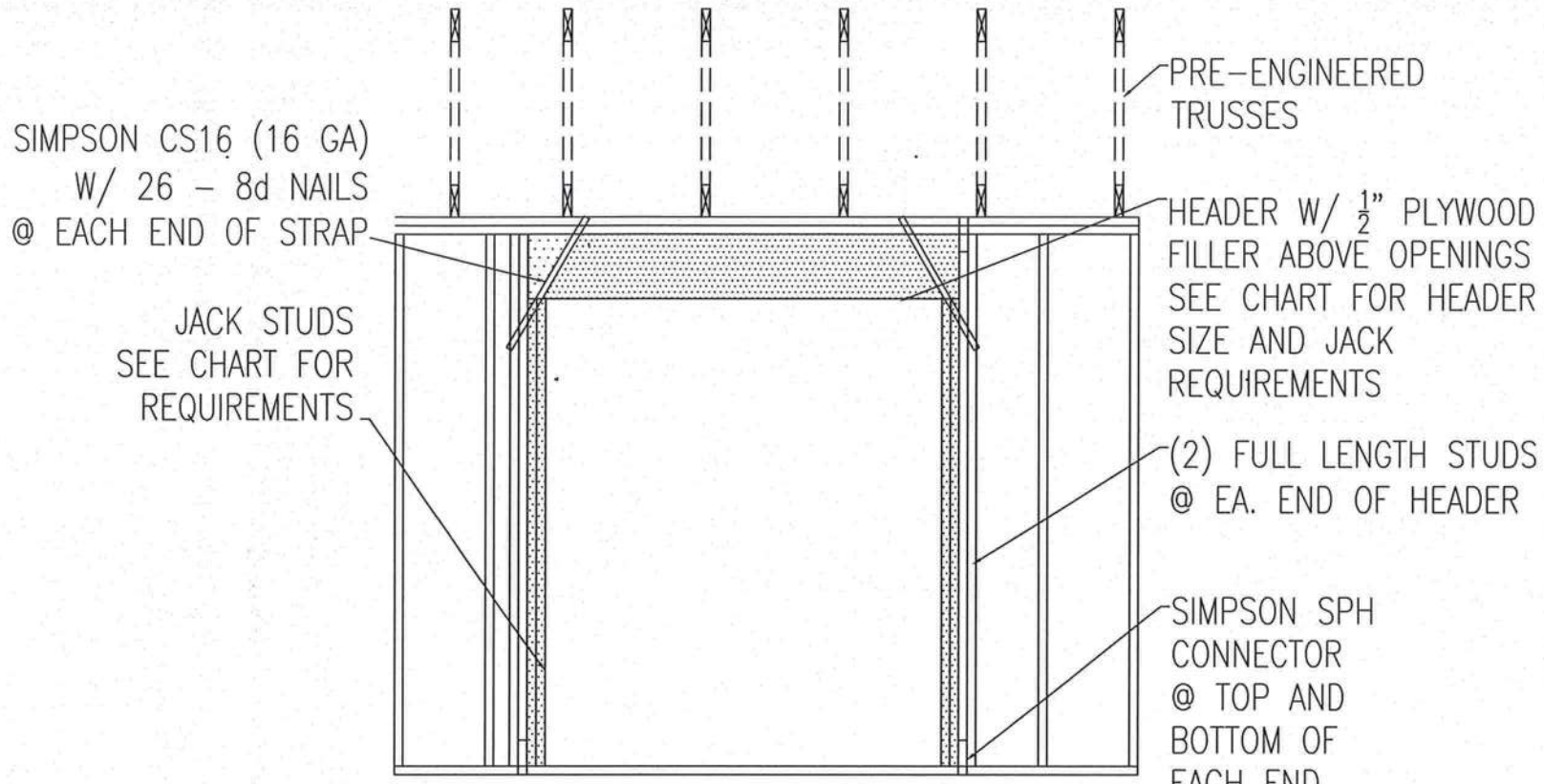
SHEET -

HEADER SPANS FOR EXTERIOR BEARING WALLS							
SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)					
		20'		28'		36'	
		SPAN	JACKS	SPAN	JACKS	SPAN	JACKS
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1	2'-10"	1
ROOF, CEILING	2-2x6	5'-5"	1	4'-8"	1	4'-2"	1
ROOF, CEILING	2-2x8	6'-10"	1	5'-11"	2	5'-4"	1
ROOF, CEILING	2-2x10	8'-5"	2	7'-3"	2	6'-6"	2
ROOF, CEILING	2-2x12	9'-9"	2	8'-5"	2	7'-6"	2
ROOF, CEILING	3-2x8	8'-4"	1	7'-5"	1	6'-8"	1
ROOF, CEILING	3-2x10	10'-6"	1	9'-1"	2	8'-2"	1
ROOF, CEILING	3-2x12	12'-2"	2	10'-7"	2	9'-5"	2
ROOF, CEILING	4-2x8	9'-2"	1	8'-4"	1	9'-2"	1
ROOF, CEILING	4-2x10	11'-8"	1	10'-6"	1	9'-5"	1
ROOF, CEILING	4-2x12	14'-1"	1	12'-2"	2	10'-11"	1

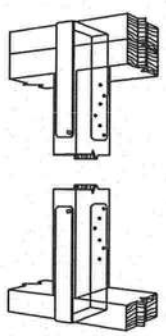


TYPICAL WALL FRAMING

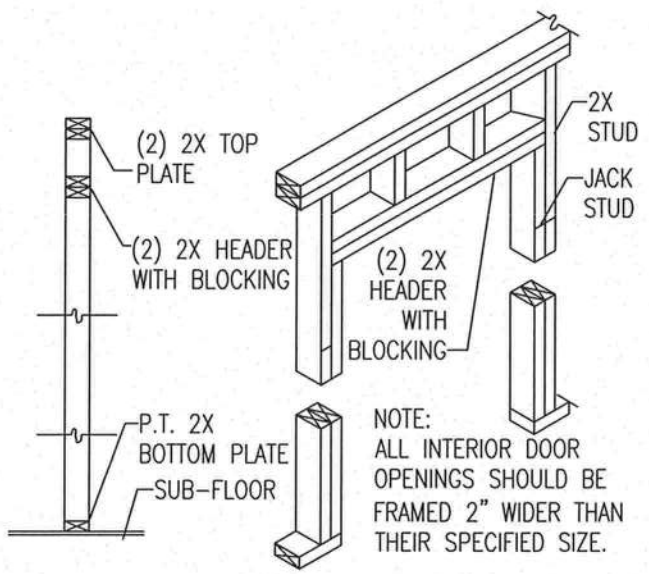
NOTE: SEE PLANS FOR SIZE AND SPACING



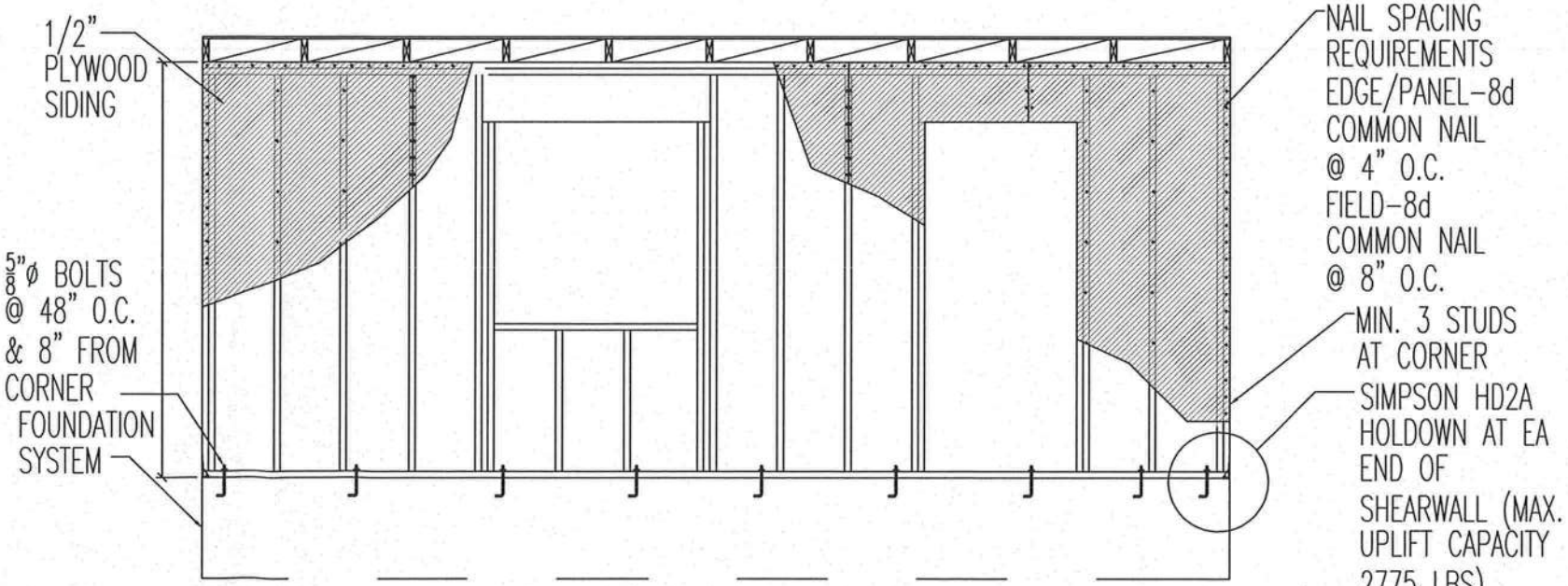
TYP. FRAMING & UPLIFT
CONNECTIONS FOR OPENINGS



SIMPSON SPH
STUD PLATE TIE



NON-BEARING WALL HEADER



TYPICAL PERFORATED SHEARWALL

N.T.S.

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ZAWOY
RESIDENTIAL PLANS

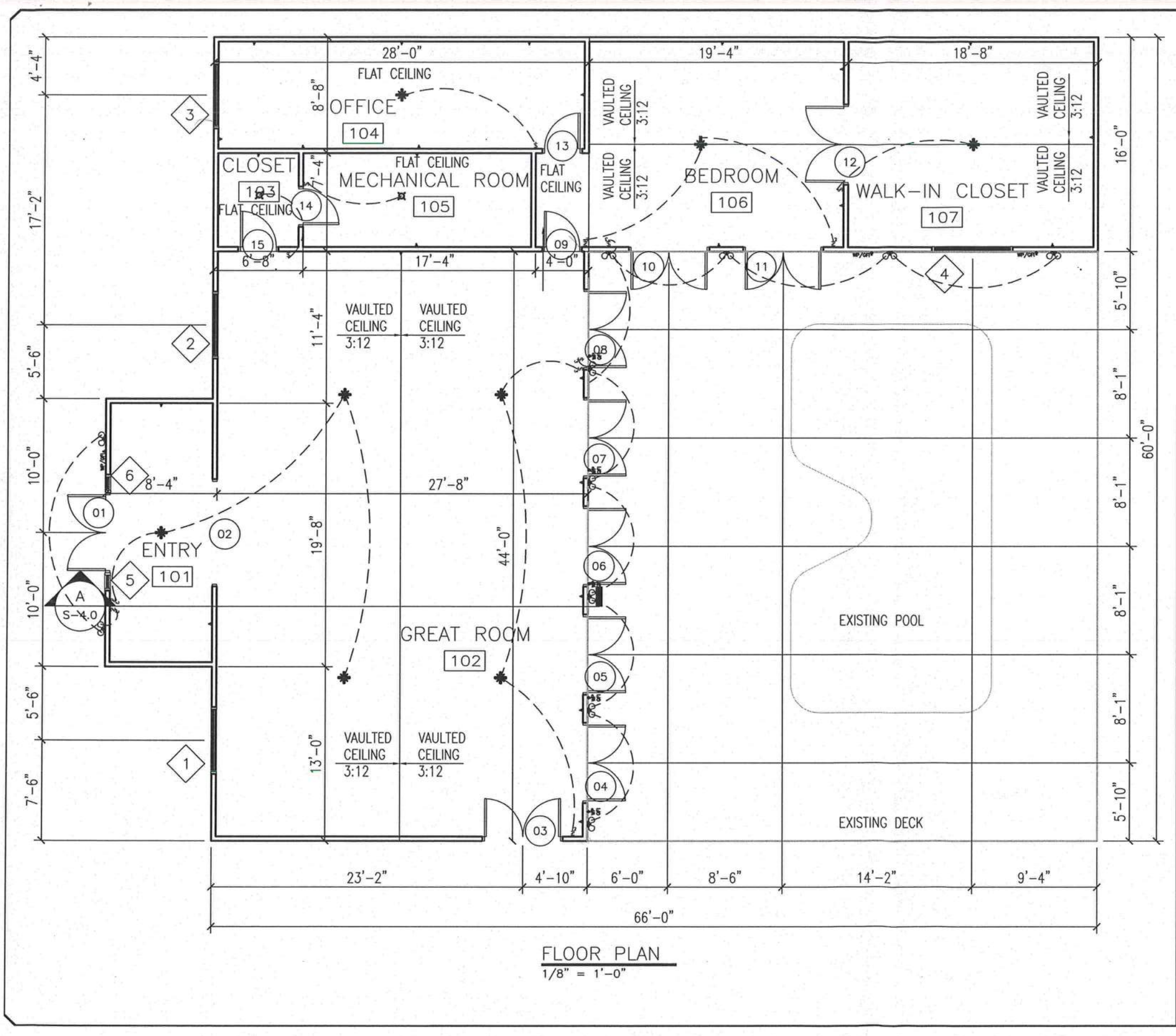
DETAILS

PROJECT NUMBER PF10-072
DRAWN BY F. VULETICH
CHECKED BY G.J.G.

S-5.0

SHEET -

6/2/10



FLOOR PLAN
1/8" = 1'-0"

ELECTRICAL PLAN NOTES:

1. WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
2. CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
3. INSTALLATION SHALL BE PER NATIONAL ELECTRIC CODE.
4. ALL SMOKE DETECTORS SHALL BE 120V WITH BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
5. TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER OWNER'S DIRECTIONS, & IN ACCORDANCE WITH APPLICABLE SECTIONS OF NEC LATEST ADDITION.
6. ELECTRICAL CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELECTRICAL PLAN, ADDITIONS TO THE ELCTRICAL PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE WITH ALL CIRCUITS IDENTIFIED WITH CIRCUIT NUMBER, DESCRIPTION, AND BREAKER SERVICE ENT. AND ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIAGRAM SHALL INCLUDE WIRE SIZES/TYPE AND EQUIPMENT TYPE WITH RATINGS AND LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF "AS-BUILT" DRWINGS TO OWNER AND 1 COPY TO PERMITTING AUTHORITY.
7. ALL BEDROOM RECEPTACLES SHALL BE ON AFCI PROTECTED CIRCUITS.
8. ALL BATHROOM RECEPTICALS SHALL BE GFIC.

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	ELECTRICAL PANEL
	ELECTRICAL METER
GFI	GFCI OUTLET
WP/GFI	WEATHER PROOF GFCI OUTLET
220V	220 V OUTLET
	STANDARD OUTLET
$	SINGLE POLE SWITCH
$3	3 WAY SWITCH
	CEILING LIGHT
	EXHAUST FAN
	CEILING FAN/LIGHT
	EXTERIOR LIGHT
SD	SMOKE DETECTOR
	3 LIGHT FIXTURE

ROOM SCHEDULE

#	ROOM NAME	AREA
101	ENTRY	148.22 SF
102	GREAT ROOM	1193.56 SF
103	CLOSET	42.00 SF
104	OFFICE	218.67 SF
105	MECHANICAL ROOM	119.00 SF
106	BEDROOM	319.33 SF
107	WALK-IN CLOSET	281.11 SF

WINDOW SCHEDULE

#	SIZE		TYPE	MATL	NOTES
	WIDTH	HEIGHT			
1	5'-0"	5'-0"	DOUBLE HUNG	WOOD	--
2	5'-0"	5'-0"	DOUBLE HUNG	WOOD	--
3	5'-0"	5'-0"	DOUBLE HUNG	WOOD	--
4	6'-0"	5'-0"	DOUBLE HUNG	WOOD	--
5	1'-0"	6'-8"	PICTURE	WOOD	--
6	1'-0"	6'-8"	PICTURE	WOOD	--

DOOR SCHEDULE

#	DOOR SIZE WD	DOOR SIZE HGT	DOOR SIZE THK	MATL	STYLE
1	6'-0"	6'-8"	1 3/4"	HOLLOW METAL	HINGED - DOUBLE - FULL LITE
2	8'-0"	6'-8"	NA	N/A	CASED OPENING
3	6'-0"	6'-8"	1 3/4"	HOLLOW METAL	HINGED - DOUBLE - FULL LITE
4	6'-0"	6'-8"	1 3/4"	HOLLOW METAL	HINGED - DOUBLE - FULL LITE
5	6'-0"	6'-8"	1 3/4"	HOLLOW METAL	HINGED - DOUBLE - FULL LITE
6	6'-0"	6'-8"	1 3/4"	HOLLOW METAL	HINGED - DOUBLE - FULL LITE
7	6'-0"	6'-8"	1 3/4"	HOLLOW METAL	HINGED - DOUBLE - FULL LITE
8	6'-0"	6'-8"	1 3/4"	HOLLOW METAL	HINGED - DOUBLE - FULL LITE
9	3'-0"	6'-8"	1 3/4"	WOOD	HINGED - SINGLE
10	6'-0"	7'-0"	1 3/4"	HOLLOW METAL	HINGED - DOUBLE - FULL LITE
11	6'-0"	7'-0"	1 3/4"	HOLLOW METAL	HINGED - DOUBLE - FULL LITE
12	6'-0"	6'-8"	1 3/4"	WOOD	HINGED - DOUBLE
13	3'-0"	6'-8"	1 3/4"	WOOD	HINGED - SINGLE
14	3'-0"	6'-8"	1 3/4"	WOOD	HINGED - SINGLE
15	3'-0"	6'-8"	1 3/4"	WOOD	HINGED - SINGLE

6/4/10

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ZAWOY
RESIDENTIAL PLANS

FLOOR PLAN

PROJECT NUMBER: PF10-072
DRAWN BY: F. VULETICH
CHECKED BY: G.J.G.

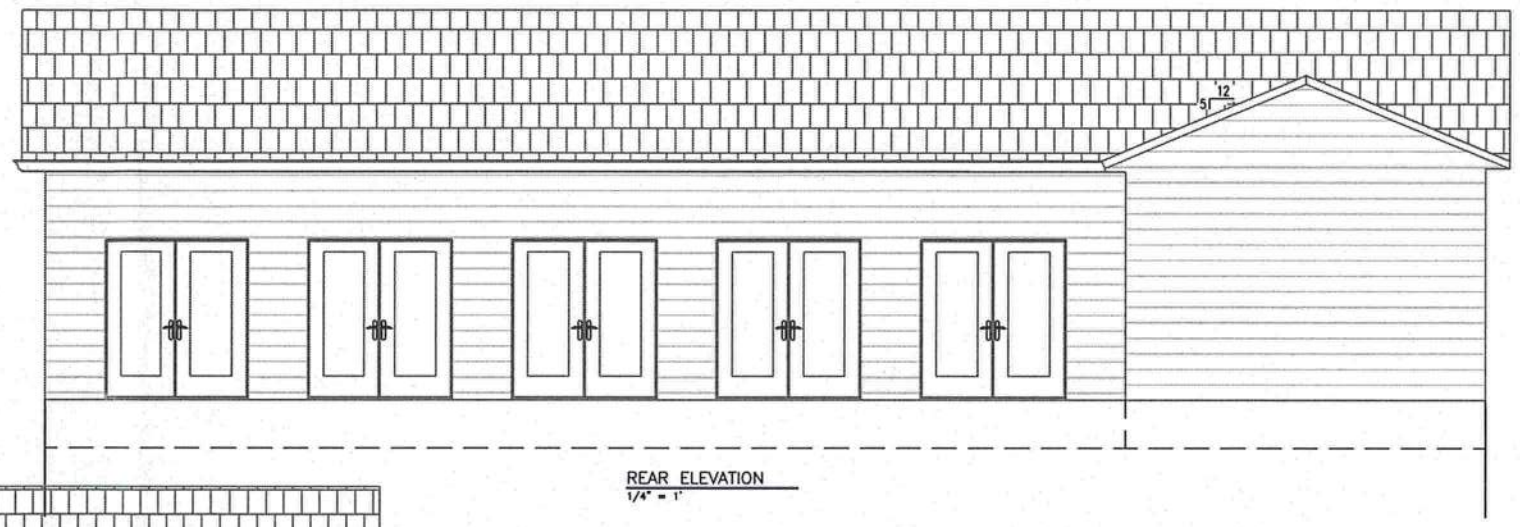
A-1.0

SHEET -

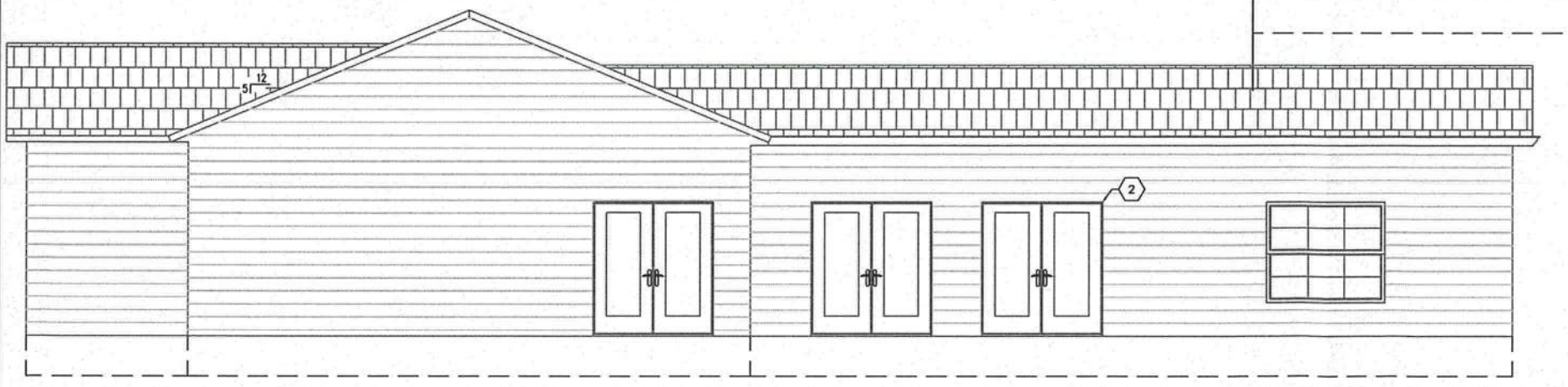
FRONT ELEVATION
1/4" = 1'

SHEET KEYNOTES

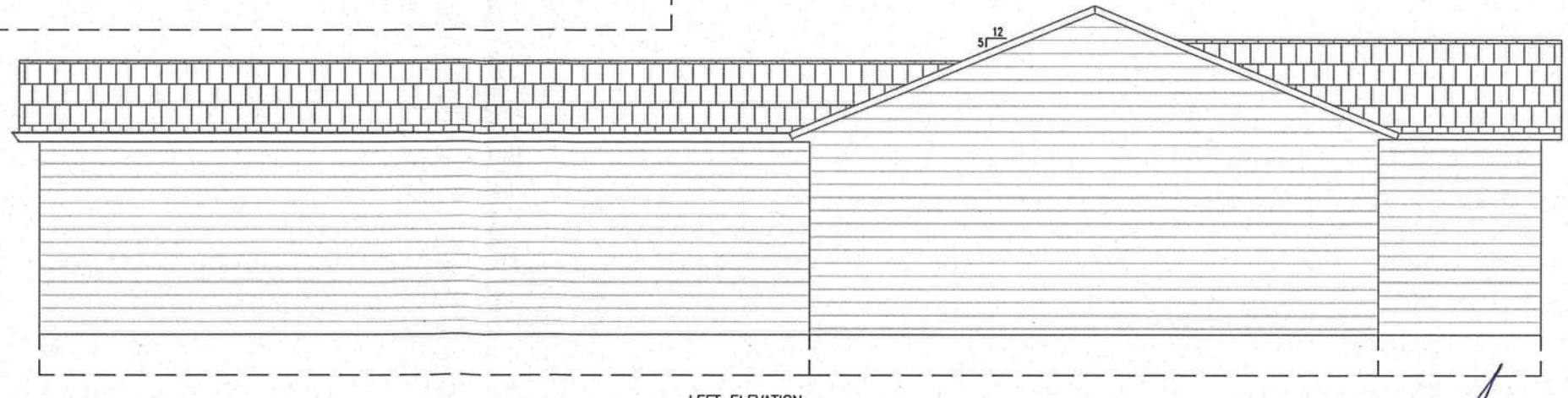
1	ASPHALT SHINGLES
2	HOLLOW METAL FRENCH EXTERIOR DOUBLE DOOR WITH SIDE LIGHTS
3	HOLLOW METAL FULL LITE EXTERIOR DOUBLE DOOR
4	CLAD WOOD DOUBLE HUNG WINDOW MEETING – DOUBLE GLAZED
5	VINYL SIDING PER OWNER



REAR ELEVATION
1/4" = 1'



RIGHT ELEVATION
1/4" = 1'



LEFT ELEVATION
1/4" = 1'

6/2/10

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dg

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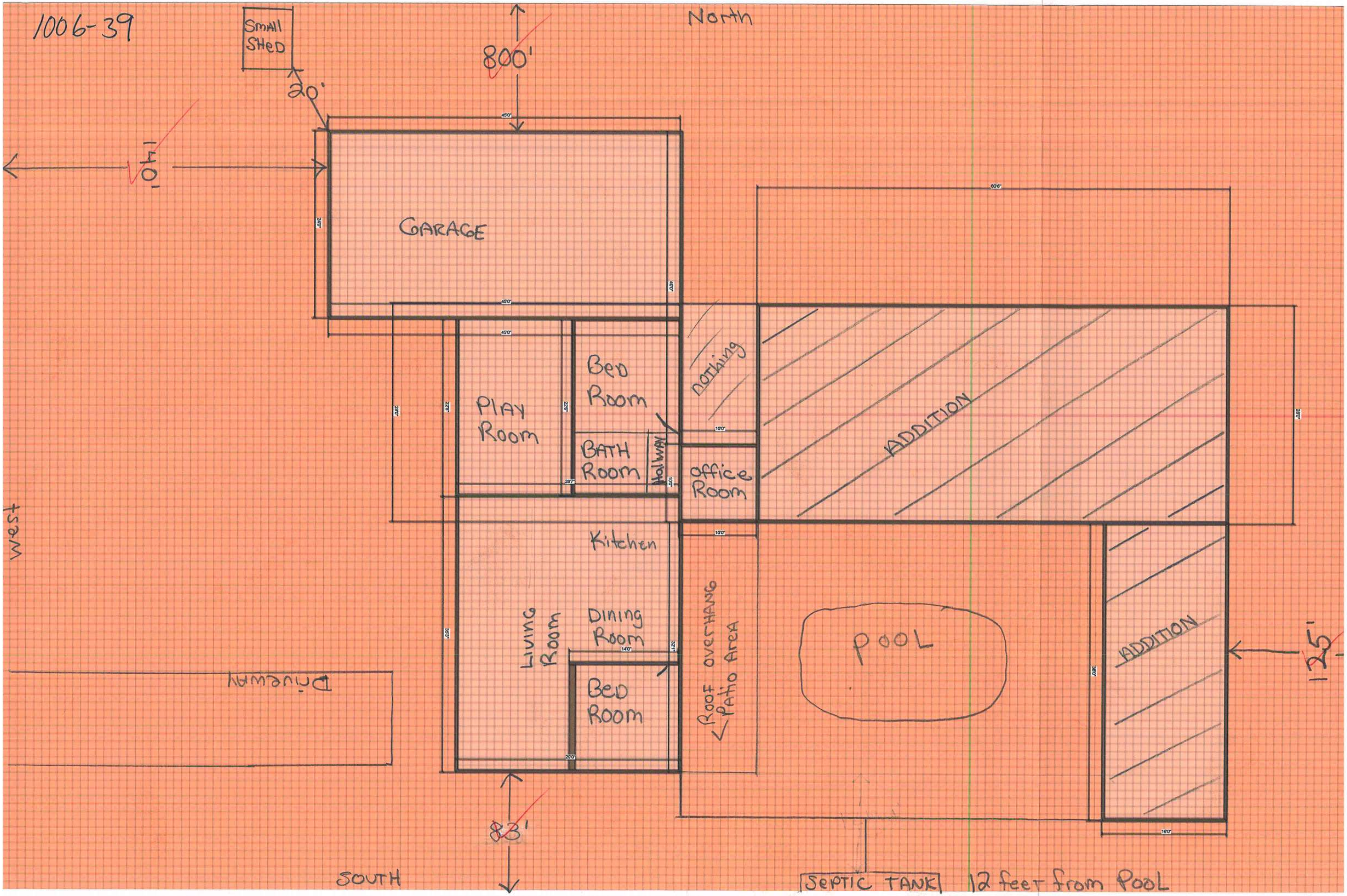
RESIDENTIAL PLANS

ELEVATIONS

PROJECT NUMBER
PF10-072
DRAWN BY
F. VULETIC
CHECKED BY
G.J.G.

A-2.0

SHEET -



1006-39
SMALL SHED
20'
800'
North
140'
GARAGE
West
PLAY Room
BED Room
nothing
ADDITION
BATH Room
Hallway
office Room
Kitchen
Dining Room
Living Room
BED Room
Roof overhang
< Patio Area
POOL
ADDITION
125'
Driveway
83'
SOUTH
SEPTIC TANK
12 feet from Pool