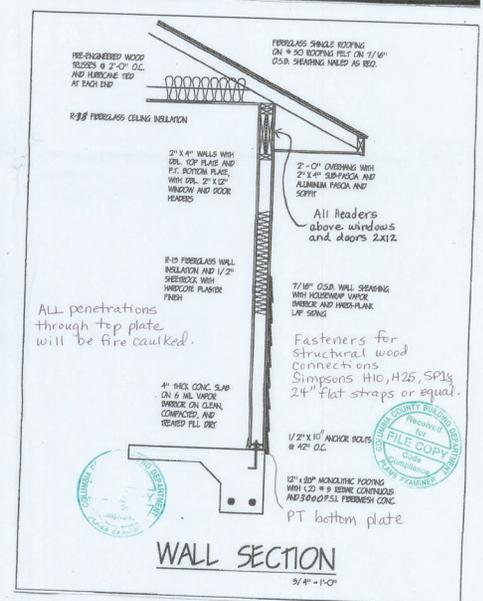


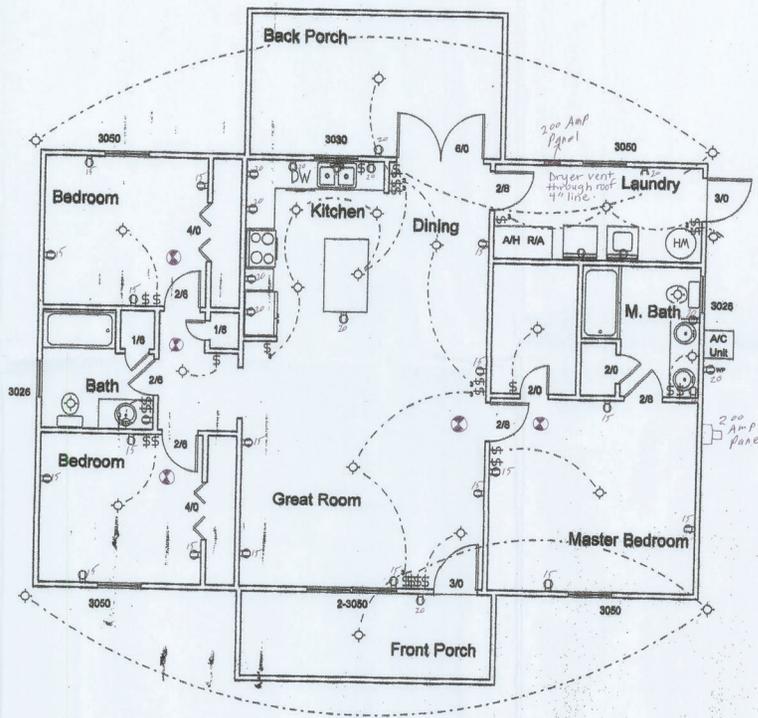
18-41
 Cond-41

CODES & DESIGN LOADS		
JURISDICTION:	Columbia County	
PROJECT NAME:	Harris Residence	
PROJECT ADDRESS:	3192 SW Amanda Court, Ft. White, FL	
ARCHITECT/ENGINEER:	Ronald Clark	
TYPE OF CONSTRUCTION:	Frame	
BUILDING DESIGN:	CLOSED	
BUILDING CODE:	FLORIDA BUILDING CODE - 20	Residential Supplements
PLUMBING CODE:	FLORIDA PLUMBING CODE - 20	Residential Supplements
MECHANICAL CODE:	FLORIDA MECH. & GAS CODE - 20	Residential Supplements
ELECTRICAL CODE:	NATIONAL ELECTRICAL CODE - 20	
IBHS CODE:	N/A	
ASCE CODE:	ASCE-7.02	
CONSTRUCTION TYPE:	Single family	
ALLOWABLE NO. OF FLOORS:	ONE (1)	
WIND VELOCITY:	110	(1)PHI (2) SECOND (1)ST
FLOOR L.L.:	40 (P.S.F.)	FLOOR D.L. 10 (P.S.F.)
ROOF L.L.:	20 (P.S.F.)	ROOF D.L. 6H, 6C + 1C (P.S.F.)
OCCUPANCY TYPE:	R-3	
EXPOSURE:	B	IMPORTANCE FACTOR 1.0
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18	
MEAN BUILDING HEIGHT:	15 FT.	
OVERHANG:	1'-6"	
IMPACT RESISTANT ASSEMBLY:	NO	
SHUTTERS:	NO	

Ronald Clark
 Construction Inc.
 352-538-8829

Living 1380
 FPorch 108
 BPorch 180
 Total 1668
Floor Plan
 1/4" = 1 foot
 13-5





NOTE: All receptacles shall be arc fault protected (CMAA EBC-8)

NOTE: Kitchens, bathrooms, garage and Outside receptacles will be GFI protected

Electrical Plan

1/4" = 1 foot
13-5

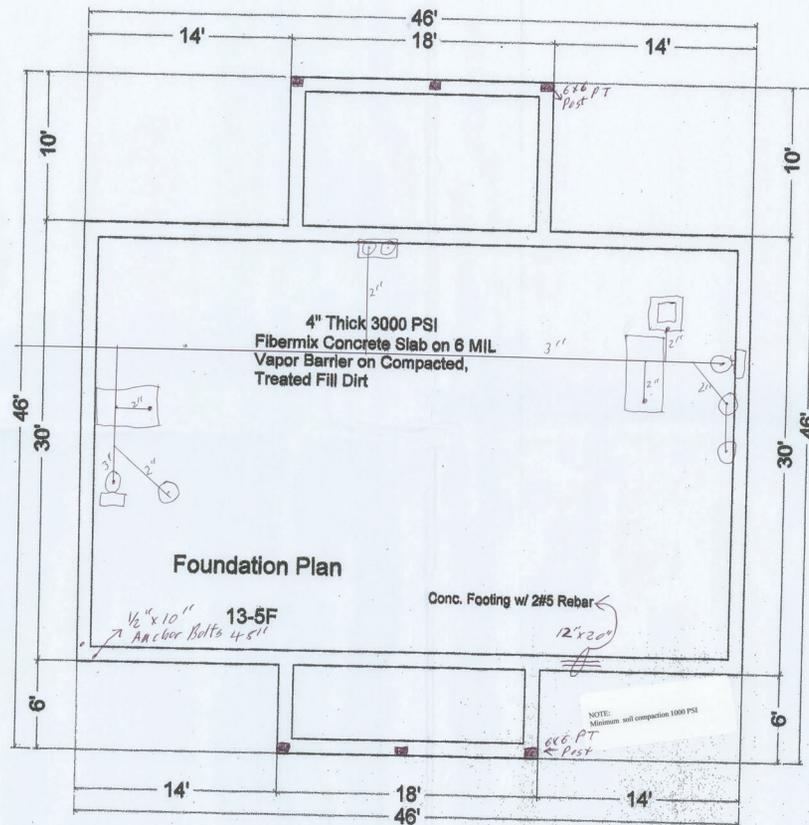
Ronald
Clark
Construction
Inc.
352-538-8929

Living 1380
FPorch 108
BPorch 180
Total 1668

Electrical Plan Notes

- E - 1 Wire all appliances, HVAC units and other equipment per manuf. specifications
- E - 2 Consult the owner for the number of separate telephone lines to be installed
- E - 3 All installations shall be per Nat1. Electric Code
- E - 4 All smoke detectors shall be 120v w/battery backup of the photoelectric type, and shall be interlocked together. Install inside and near all bedrooms.
- E - 5 Telephone, television and other low voltage devices or outlets shall be as per the owner's directions, & in accordance w/applicable sections of the NEC - latest edition.
- E - 6 Electrical contractor shall be responsible for the design & sizing of electrical service and circuits
- E - 7 Entry of service (underground or overhead) to be determined by power company
- E - 8 All receptacles shall be AFI (Arc Fault Circuit Interrupt)
- E - 9 All outlets to be located above base flood elevation
- E - 10 Kitchen, bathrooms, garage and exterior receptacles are GFI

ELECTRICAL LEGEND	
	CEILING FAN (YRB-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	2x4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	BATH EXHAUST FAN WITH LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITCH
	4 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	PHONE JACK
	TELEVISION JACK
	GARAGE DOOR OPENER
	WALL HEATER

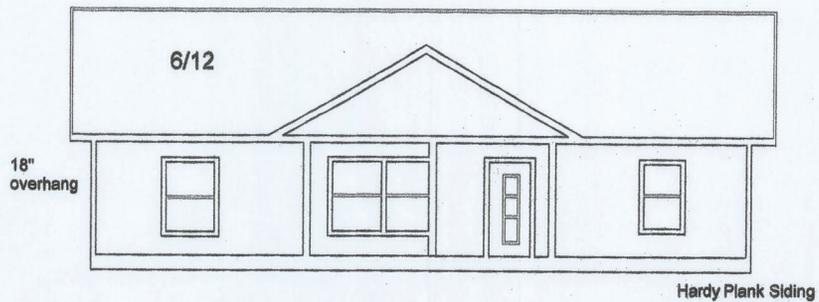


SYMBOL LEGEND	
ELECTRICAL/HVAC	
	EXTERIOR ELECTRICAL METER
	ELECTRICAL PANEL BOX
	POWER SUPPLY
	HVAC AIR HANDLER
APPLIANCES	
	RANGE w/ MICROVAPE
	REFRIGERATOR
	HOOD
	DRYER
WINDOWS	
	EXTERIOR HOOD WINDOW
	EXTERIOR MISCARY WINDOW
	MEDICINE CABINET 8' 4" AP" 8' 4" AP"

DOORS	
	INTERIOR LEADED 8'-FOLD DOOR
	INTERIOR OR EXTERIOR 8'-FOLD DOOR
	INTERIOR OR EXTERIOR 8'-FOLD DOOR
PLUMBING	
	WATER HEATER
	S/D TOILET
	DEL. KT. SINK
	BATH ROOM VANITY/SINK
	60" TUB w/ SHOWER
	EXTERIOR 1000' TUB 8' 10" AP"
	SHOWER BOX 8' 30" AP"

FOUNDATION NOTES:

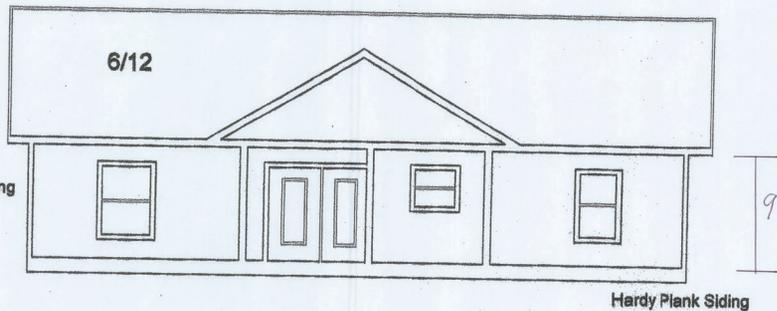
- NOTES:
1. ALL LUMBER TO BE SYP or SPF#3 MINIMUM, M.C. of 15% EXTERIOR LUMBER TO BE PRESSURE TREATED.
 2. 4" CONCRETE SLAB REINFORCED W/ 6" 6" - #10-10 WIRE MESH OVER Green VISQUEEN ON CLEAN COMPACTED TERAMITE TREATED FILL.
 3. CONCRETE FOOTINGS SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 5500 PSI @ 28 DAYS. REINFORCED FOOTINGS WITH #5 REBARS AS INDICATED, ALL BARS SHALL BE DEFORMED AND SHALL CONFORM TO A-615, GR 40, AND BE CLEAN AND FREE FROM RUST AND SCALE. SPLICES SHALL OVERLAP 25" MINIMUM.
 4. EXTEND SLAB 1 1/2" AND RECESS 3/4" FOR SLIDING GLASS DOOR TRACKS.
 5. MISSING DOWEL, PRE-FILL HOLE TO MIN. 8" DEPTH, CLEAN HOLE WITH AIR COMPRESSOR FILL HOLE 1/2 TO 2/3 FULL STARTING FROM BOTTOM OF HOLE TO PREVENT AIR POCKETS, DOWEL MUST BE CLEAN AND OIL FREE, SLOWLY TURN UNTIL THE DOWEL CONTACTS THE BOTTOM OF THE HOLE. ALLOW 24 HOUR CURE TIME. USE ONLY HIGH STRENGTH EPOXY.



Front Elevation

13-5FE

18"
overhang



Back Elevation

15-5BE

VENTILATION SCHEDULE:
AS PER FLORIDA BUILDING CODE 2007

RIDGE VENT
MIN. 50% TOTAL VENT AREA
LOCATED IN THE UPPER PORTION OF ATTIC (MIN. 3" ABOVE DAVIS)
2048 S.F. / 300 x 50% = 4.7 S.F. RIDGE VENT AREA REQUIRED
88 FEET OF RIDGE VENT PROVIDED x .11 FT2/FT = 9.68 FT2
4 OFF-RIDGE VENTS PROVIDED x .70 FT2/FT = 2.80 FT2
TOTAL PROVIDED = 12.48 FT2

SOFFIT VENT
2048 S.F. / 300 x 50% = 4.7 S.F. SOFFIT VENT AREA REQUIRED
177 FEET OF SOFFIT VENT PROVIDED x .03 FT2/FT = 5.31 FT2

BUILDER MUST VERIFY THE FOLLOWING MINIMUM NET FREE VENT AREAS:
1. RIDGE VENTS = 10 INCH (1.11 FT2/FT)
2. OFF-RIDGE VENTS = 20 FT2 PER 4' UNIT
3. SOFFIT VENTS = 4.3 INCH (0.5 FT2/FT)

