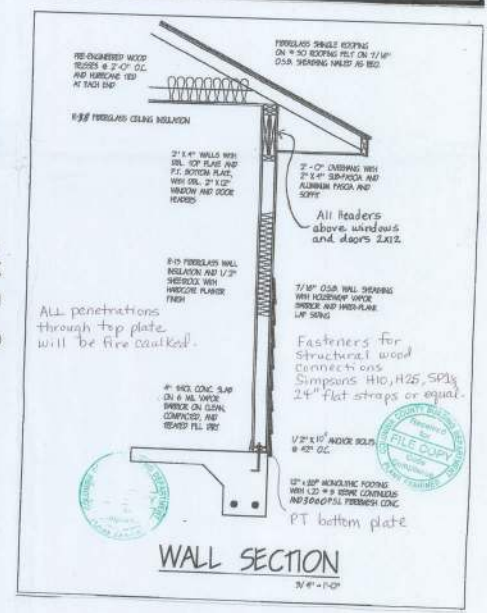


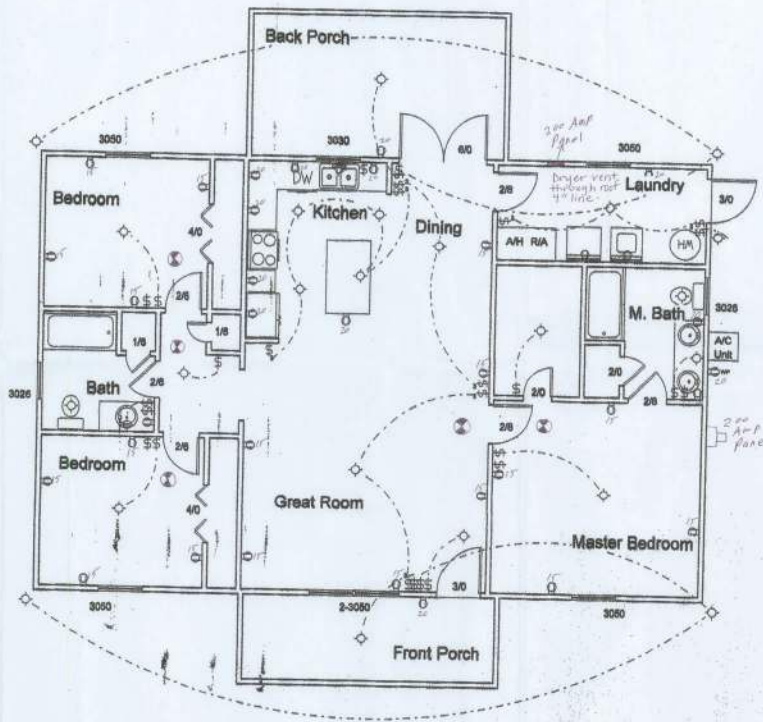
Handwritten notes: 3080 and Door 41

CODES & DESIGN LOADS		
JURISDICTION:	Columbia County	
PROJECT NAME:	Harris Residence	
PROJECT ADDRESS:	3992 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	15 MPH @ SECOND (UST)
FLOOR LL:	40 (P.S.F.)	FLOOR DL: 10 (P.S.F.)
ROOF LL:	20 (P.S.F.)	ROOF DL: 6/4, 6/8 + T.C. (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'-4"	
ROOF PITCH:	6/12	
SHUTTERS:	NO	
IMPACT RESISTANT ASSEMBLY:	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 GFI protected (2504 FBCR)

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

### Electrical Plan

1/4" = 1 foot  
13-5

Ronald  
Clark  
Construction  
Inc.  
352-538-6929

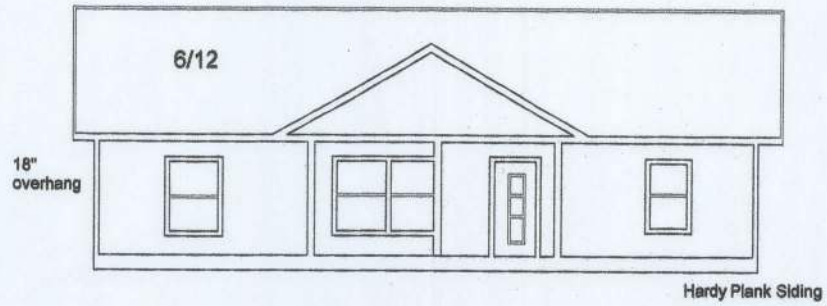
Living 1380  
FPorch 108  
BPorch 180  
Total 1668

### 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 Nat'l. 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 AFC (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

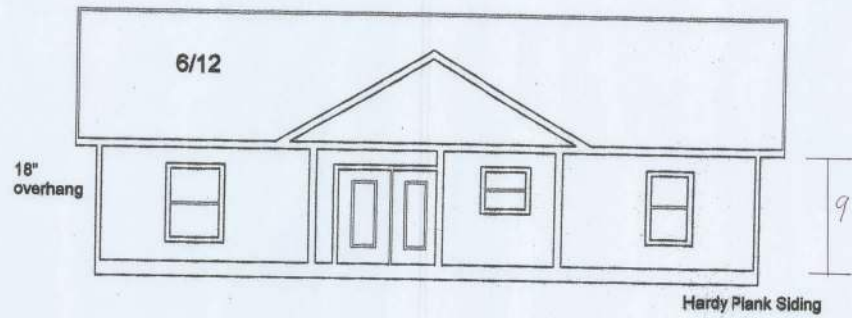
ELECTRICAL LEGEND	
	CEILING FAN (WIRE W/RE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	2x4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	BATH EXHAUST FAN WITH LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	250V OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITCH
	4 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	PHONE JACK
	TELEVISION JACK
	GARAGE DOOR OPENER
	WALL HEATER





Front Elevation

13-5FE



Back Elevation

16-5BE

**VENTILATION SCHEDULE:**  
AS PER FLORIDA BUILDING CODE 2007

**ROOF VENT**  
MIN. NET TOTAL VENT AREA  
LOCATED IN THE UPPER PORTION OF ATTIC (MIN. 7' ABOVE EAVE)  
2000 S.F. / 300 x 30% = 4.7 S.F. ROOF VENT AREA REQUIRED  
18 FEET OF RIDGE VENT PROVIDED x .11 FT2/FT = 1.98 FT2  
4 OFF-RIDGE VENTS PROVIDED x .75 FT2/1 = 3.00 FT2  
TOTAL PROVIDED = 4.98 FT2

**SOFFIT VENT**  
2000 S.F. / 300 x 30% = 4.7 S.F. SOFFIT VENT AREA REQUIRED  
177 FEET OF SOFFIT VENT PROVIDED x .23 FT2/FT = 4.07 FT2

BUILDER MUST VERIFY THE FOLLOWING MINIMUM NET FREE VENT AREAS:  
1. RIDGE VENTS = 18 INCH (1.11 FT2/FT)  
2. OFF-RIDGE VENTS = 75 FT2 PER 4' UNIT  
3. SOFFIT VENTS = 4.8 INCH (0.23 FT2/FT)

