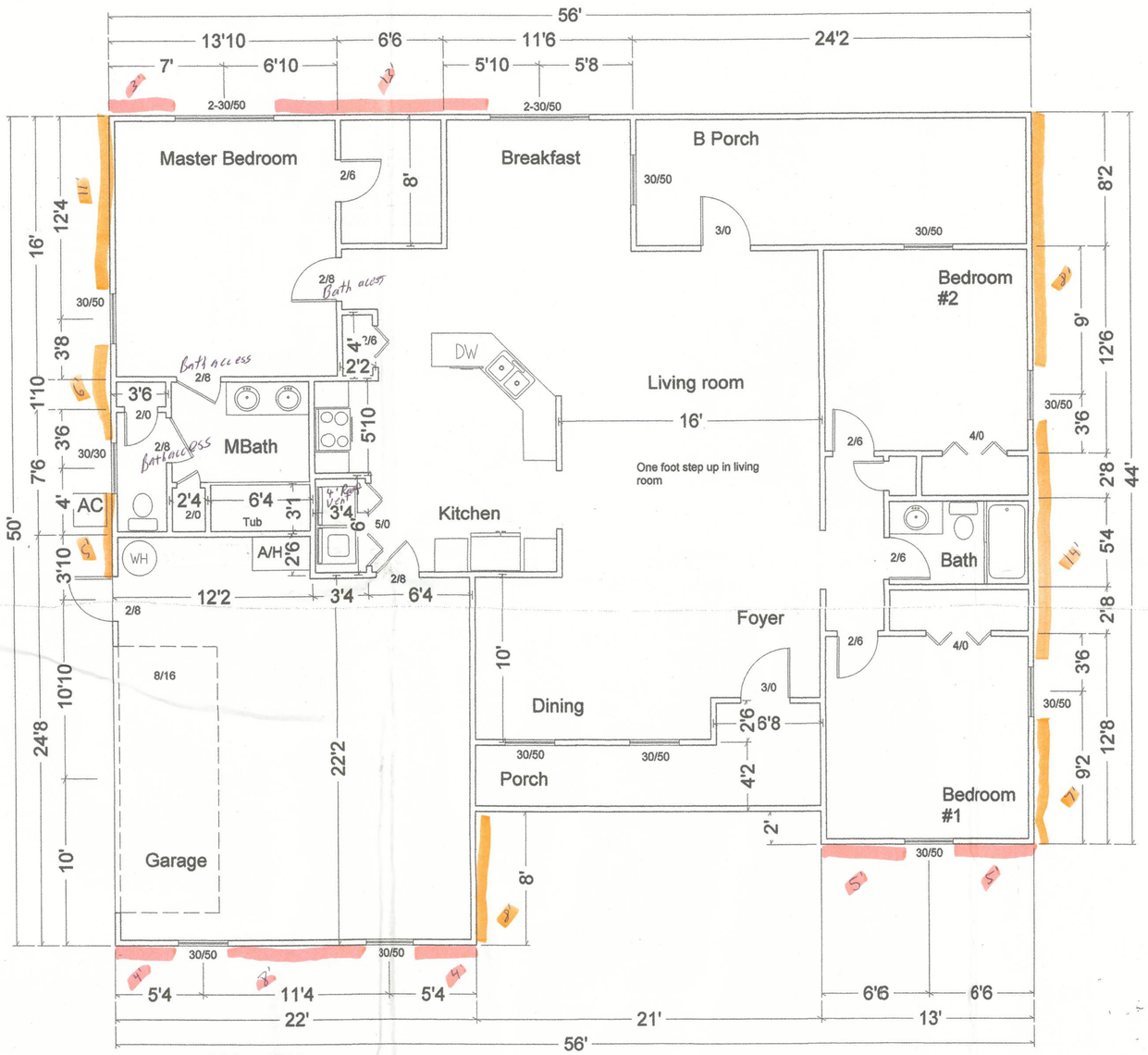


Living 1748
Porch 100
BPorch 192
Garage 514
Total 2554

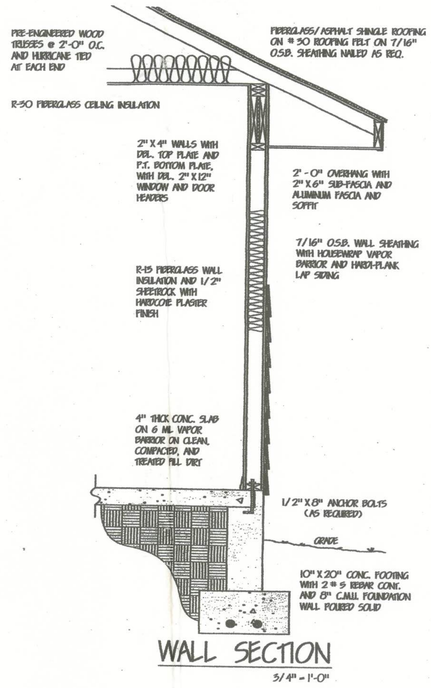
Floor Plan

Plan 9-1

Ronald Clark Construction Inc.

CODES & DESIGN LOADS

JURISDICTION: Columbia
PROJECT NAME: Reed
PROJECT ADDRESS: 2145 SE CR 18 Lake City Fl
ARCHITECT/ENGINEER: Ronald Clark SChafer Engineering
TYPE OF CONSTRUCTION: SFD Frame Ronald Clark
BUILDING DESIGN: CLOSED
BUILDING CODE: FLORIDA BUILDING CODE - 2010 Residential w/2010 Supplements
PLUMBING CODE: FLORIDA PLUMBING CODE -2010 Residential w/2010 supplements
MECHANICAL CODE: FLORIDA MECH. & GAS CODE -2010 Residential w/2010 Supplements
ELECTRICAL CODE: NATIONAL ELECTRICAL CODE -2008
IBHS CODE: N/A
ASCE CODE: ASCE-7.02
CONSTRUCTION TYPE: SFD Frame
ALLOWABLE NO. OF FLOORS: ONE (1)
WIND VELOCITY: 130 (M.P.H.) (3 SECOND GUST)
FLOOR L.L. 40 (P.S.F.) FLOOR D.L. 10 (P.S.F.)
ROOF L.L.: 20 (P.S.F.) ROOF D.L..: 6+4 B.C + 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. ROOF PITCH 6/12
OVERHANG 1'-4" SHUTTERS NO
IMPACT RESISTANT ASSEMBLY NO



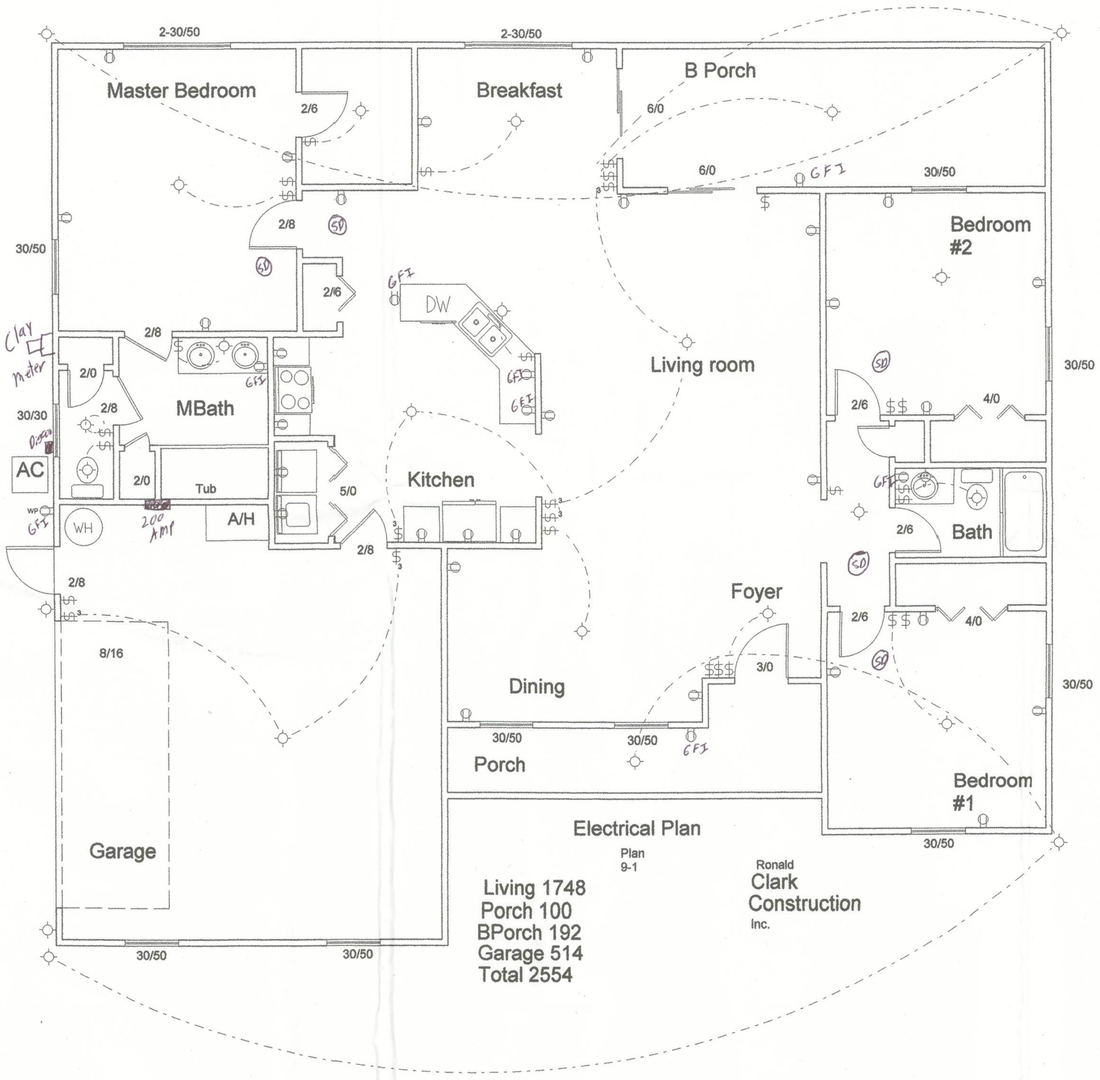
WALL SECTION

3/4" = 1'-0"

Long - 42'

TRS - 59'

Ronald Clark



	ELECTRICAL LEGEND
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	2X4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	BATH EXAUST FAN WITH LIGHT
	BATH EXAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
GFI	GFI DUPLEX OUTLET
	SMOKE DETECTOR
$	WALL SWITCH
$3	3 WAY WALL SWITCH
$4	4 WAY WALL SWITCH
WP/GFI	WATER PROOF GFI OUTLET
	PHONE JACK
TV	TELEVISION JACK
	GARAGE DOOR OPENER
	WALL HEATER

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 SEPERATE 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 NEC-LATEST EDITION.

E -6 ELECTRICAL CONT'R 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 BEDROOM RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT)

E -9 ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION

SYMBOL LEGEND

ELECTRICAL/HVAC

- EXTERIOR ELECTRICAL METER
- ELECTRICAL PANEL BOX (POWER SUPPLY)
- H.V.A.C. AIR HANDLER

APPLIANCES

- RANGE W/ MICROWAVE
- REFRIGERATOR
- WASHER
- DRYER

WINDOWS

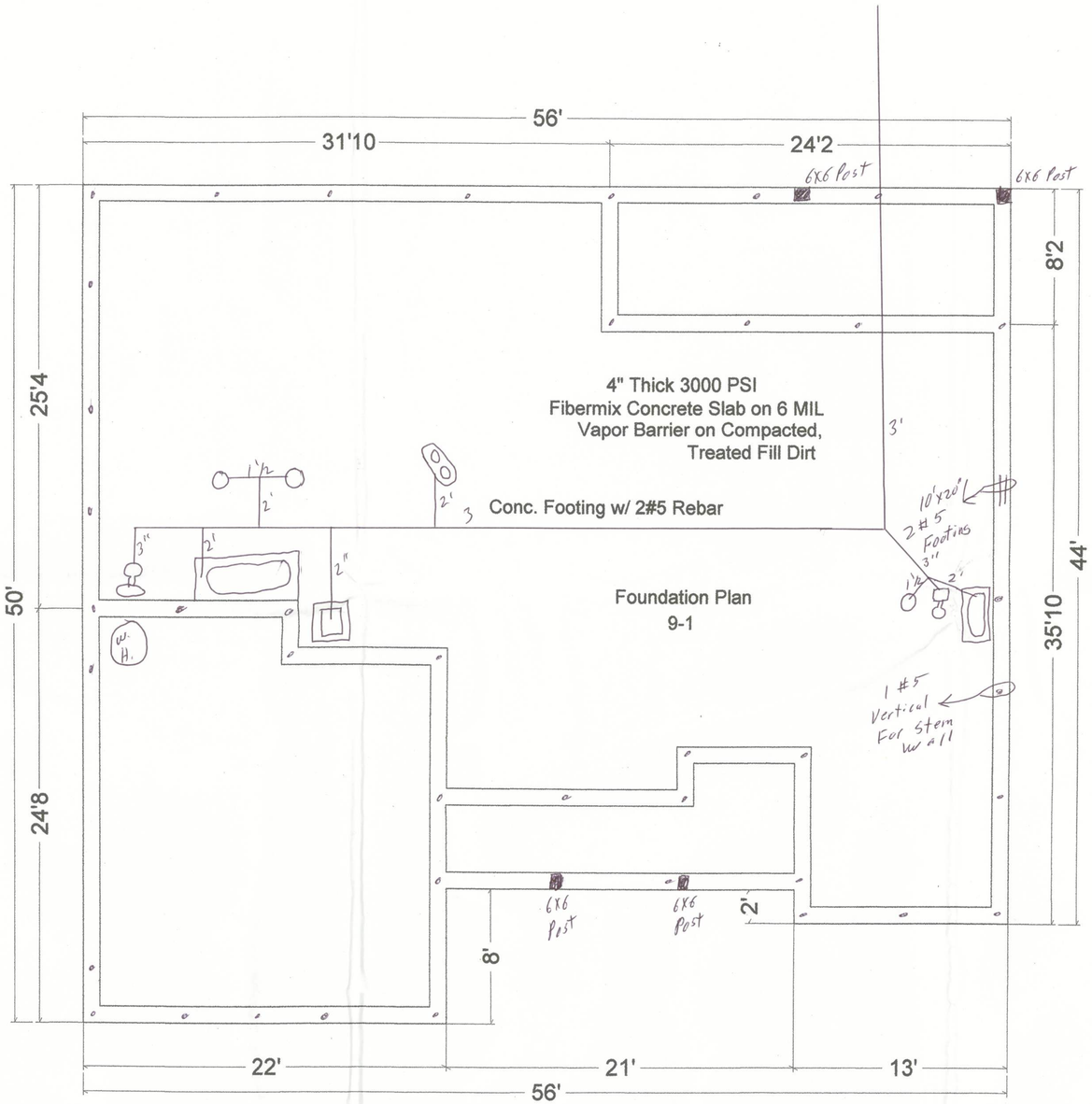
- EXTERIOR WOOD WINDOW
- EXTERIOR MASONRY WINDOW
- MEDICINE CABINET @ 48" AFF

DOORS

- INTERIOR LOUVERED BI-FOLD DOOR
- INTERIOR OR EXTERIOR HINGE TYPE DOOR

PLUMBING

- W.H. — WATER HEATER
- STD. TOILET
- DBL. KIT. SINK
- BATH ROOM VANITY/SINK
- 60" TUB W/ SHOWER
- H.B. — EXTERIOR HOSE BIBB @ 16" AFF
- WASHER BOX @ 36" AFF

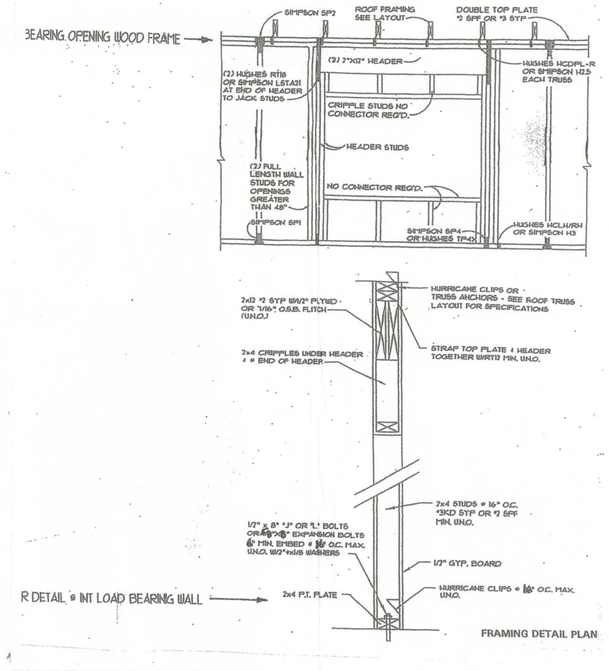


FOUNDATION NOTES:

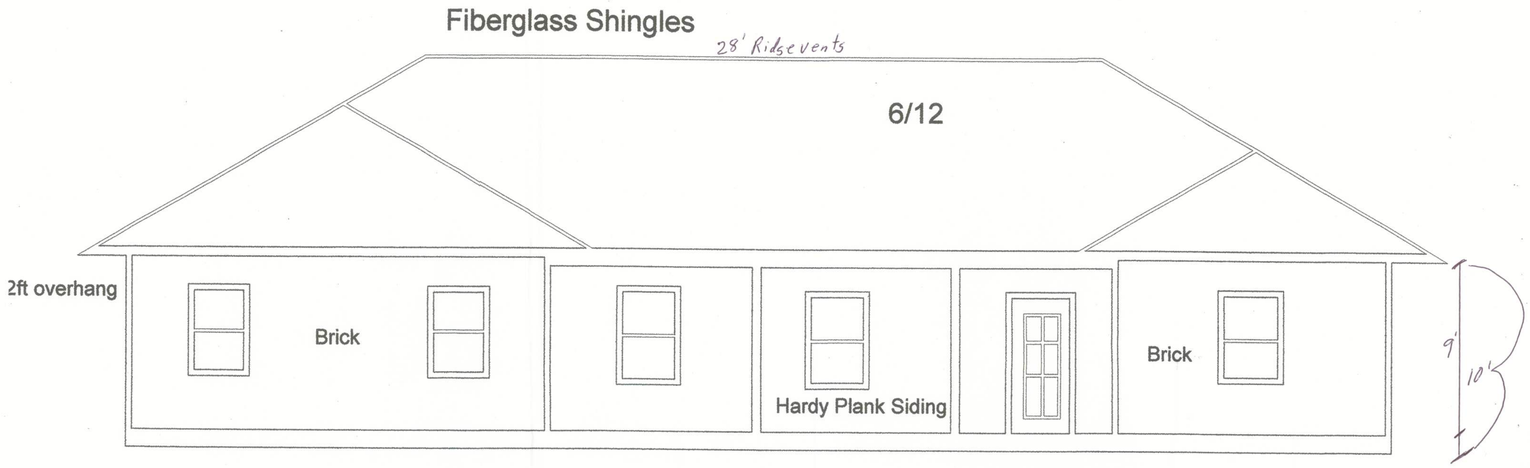
NOTES:

1. ALL LUMBER TO BE SYP or SPF#3 MINIMUM, M.C. of 19% EXTERIOR LUMBER TO BE PRESSURE TREATED.
2. 4" CONCRETE SLAB REINFORCED W/ 6"x 6" - #10-10 WIRE MESH OVER 6mm VISQUEEN ON CLEAN COMPACTED TERMITE TREATED FILL.
3. CONCRETE FOOTINGS SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 2500 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,

   PREDRILL HOLE TO MIN. 8" DEPTH, CLEAN HOLE WITH AIR COMPRESSER FILL HOLE 1/2 TO 2/3 RDS 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

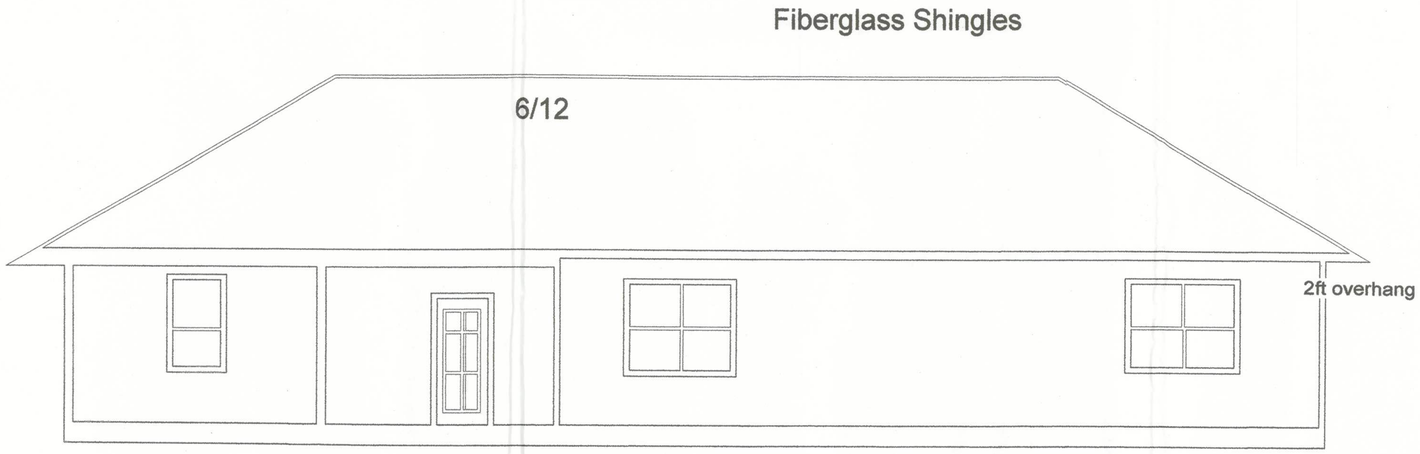


FRAMING DETAIL PLAN



Front Elevation

9-1FE



Back Elevation

9-1BE

(A) 2x6 OR LARGER SO. PINE #2 VALLEY RAFTER
(B) 2x4 SO. PINE #3 CRIPPLE (MAX. HEIGHT 6'-3")
(C) 2x4 SO. PINE #3 CRIPPLE (MAX. HEIGHT 6'-3")
(D) 2x6 OR LARGER SO. PINE #2 VALLEY RAFTER
(E) 2x OR LARGER SO. PINE #2 LAYFLAT

NOTE: VALLEY RAFTER (D) MUST NOT BE LESS SIZE THAN THAT OF VALLEY RAFTER (A)

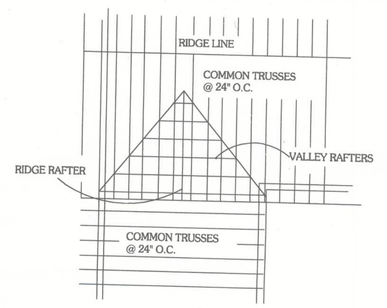
NOTE: REFER TO VALLEY DETAIL A105 FOR SUPPORTING TRUSS BRACING DETAILS.

(B), (C) MAX. HEIGHT W/ 1x4 "T" BRACE IS 9'-10"

(B), (C) MAX. HEIGHT W/ 2x4 "T" BRACE IS 11'-2"

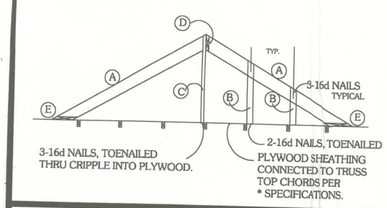
FOR 1x4 & 2x4 "T" BRACING, BRACE TO BE SAME GRADE AS CRIPPLE.
FASTEN 1x4 "T" BRACE TO CRIPPLE W/8d NAILS @ 4" O.C.
FASTEN 2x4 "T" BRACE TO CRIPPLE W/16d NAILS @ 4" O.C.

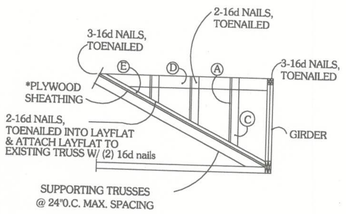
* IN LIEU OF PLYWOOD SHEATHING, 1x4 CONTINUOUS LATERAL BRACING (HEM-FUR OR BETTER) AT 24" O.C. MUST BE ATTACHED TO THE UNDERSIDE OF THE TOP CHORD OF THE TRUSSES SUPPORTING THE VALLEY AREA. THE CONTINUOUS LATERAL BRACING MUST EXTEND AND BE ATTACHED TO THE FIRST TRUSS THAT HAS SHEATHING DIRECTLY ATTACHED TO THE TOP CHORD, AT EACH END OF THE VALLEY.
ATTACH CONTINUOUS LATERAL BRACING TO EACH TRUSS W/2-8d NAILS. NOTE: THIS OPTION MAY ONLY BE USED IF THE SUPPORTING TRUSS HAS BEEN DESIGNED WITH PURLINS AT 24" O.C. SPACING ON TOP CHORD.



FRAMING PLAN

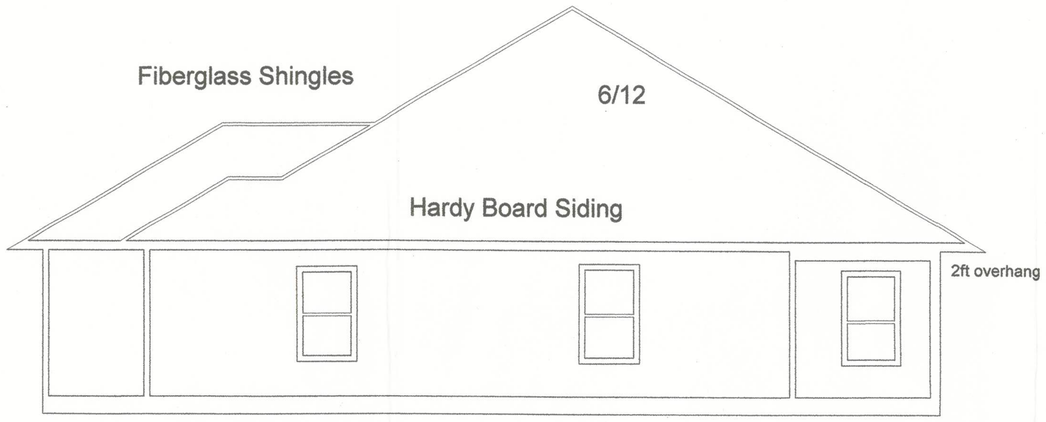
(2) 16d NAILS, TOENAILED THRU CRIPPLE INTO RIDGE BOARD.





CONVENTIONAL VALLEY FRAMING

SCALE: NONE



Right
Elevation

9-1RE

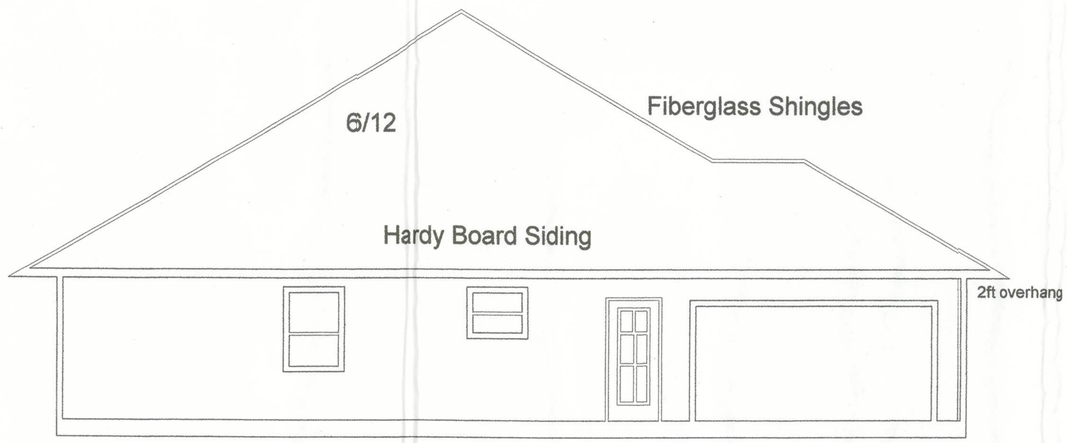
VENTILATION SCHEDULE:
AS PER FLORIDA BUILDING CODE 2309.7

RIDGE VENT
MIN. 50% TOTAL VENT AREA
LOCATED IN THE UPPER PORTION OF ATTIC (MIN. 3' ABOVE EAVE)
2848 S.F. / 300 x 50% = 4.7 S.F. RIDGE VENT AREA REQUIRED
58 FEET OF RIDGE VENT PROVIDED x .11 FT2/FT = 6.38 FT2
____ 4' OFF-RIDGE VENTS PROVIDED x .70 FT2/FT = ____ FT2
TOTAL PROVIDED = 6.38 FT2

SOFFIT VENT
2848 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 = 16 IN2/FT (.11 FT2/FT)
2. OFF-RIDGE VENTS = .70 FT2 PER 4' UNIT
3. SOFFIT VENTS = 4.3 IN2/FT (.03 FT2/FT)



Left
Elevation

9-1LE