

FRONT OF HOME

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- NOTES:
1. THESE PLANS COMPLY WITH RULE 9B-72 FOR PRODUCT APPROVAL.
 2. THE RAISED SEAL SET OF PLANS ARE ON FILE IN THE THIRD PARTY AGENCY'S OFFICE AS DIRECTED BY THE DCA.
 3. THIS BUILDING HAS NOT BEEN DESIGNED OR APPROVED FOR PLACEMENT IN HIGH VELOCITY HURRICANE ZONES (HVHZ).
 4. THIS BUILDING IS SUBJECT TO REVIEW AND APPROVAL OF THE FIRE INSPECTOR ON SITE WITH COMPLIANCE WITH CH. 633 FIRE SAFETY CODE.
 5. THE MANUFACTURER'S DATA SHEET AND STATE (DCA) INSIGNIA SHALL BE PERMANENTLY MOUNTED TO OR ABOUT THE ELECTRICAL PANEL.
 6. THIS STRUCTURE HAS BEEN DESIGNED FOR ERECTION OR INSTALLATION ON A SITE BUILT PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR INSTALLED.



NOTE: CONTRACTOR TO VERIFY ALL DIMENSIONS BEFORE STARTING CONSTRUCTION.

FLORIDA

DESIGN CODES

DESIGN INFORMATION

2007 FLORIDA RESIDENTIAL CODE W/2009 SUPPLEMENTS	FLOOR: 40 PSF LIVE LOAD	BUILDING AREA: 2,215 Sq.Ft.
2008 NEC	ROOF: 20 PSF LIVE LOAD	TOTAL DOOR AREA: 64.92 Sq.Ft.
ENERGY EFFICIENCY-FL BUILDING CODE 2007-RESIDENTIAL, CHAPTER 11 W/APPENDIX G & 2009 SUPP.	ROOF PITCH: 4:12 Min./6:12 Max.	TOTAL WINDOW AREA: 220.60 Sq.Ft.
COMPONENTS & CLADDING LOADS	SIDEWALL HEIGHT: 96" Min./108" Max.	
ROOF	CONSTRUCTION TYPE: VB	
INTERIOR: 33 PSF	OCCUPANCY USE GROUP:	
CORNER: 40.6 PSF	SINGLE FAMILY	
WALLS	MAXIMUM WIND LOAD: 130 M.P.H. Max.	
ZONE-1: 27.8 PSF	EXPOSURE-B	
ZONE-2: 48.4 PSF	BUILDING LOCATION: FLORIDA	
ZONE-3: 71.6 PSF	NUMBER OF STORIES: CNT (1)	
WIND IMPORTANCE FACTOR (I)=1	SEISMIC PERFORMANCE	
BUILDING CATEGORY=2	CATEGORY-C	
INTER. PRESSURE COEFFICIENT=-.18 & -.18		

DATE:	9-5-10
FLOOR SIZE:	60'x48'
MODEL NUMBER:	EZ-802
PLAN NUMBER:	.

DRAWING:	COVER SHEET
SCALE:	NTS
DRAWN BY:	STEVEN PHILLIPS

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YOUR HOME
YOUR STYLE

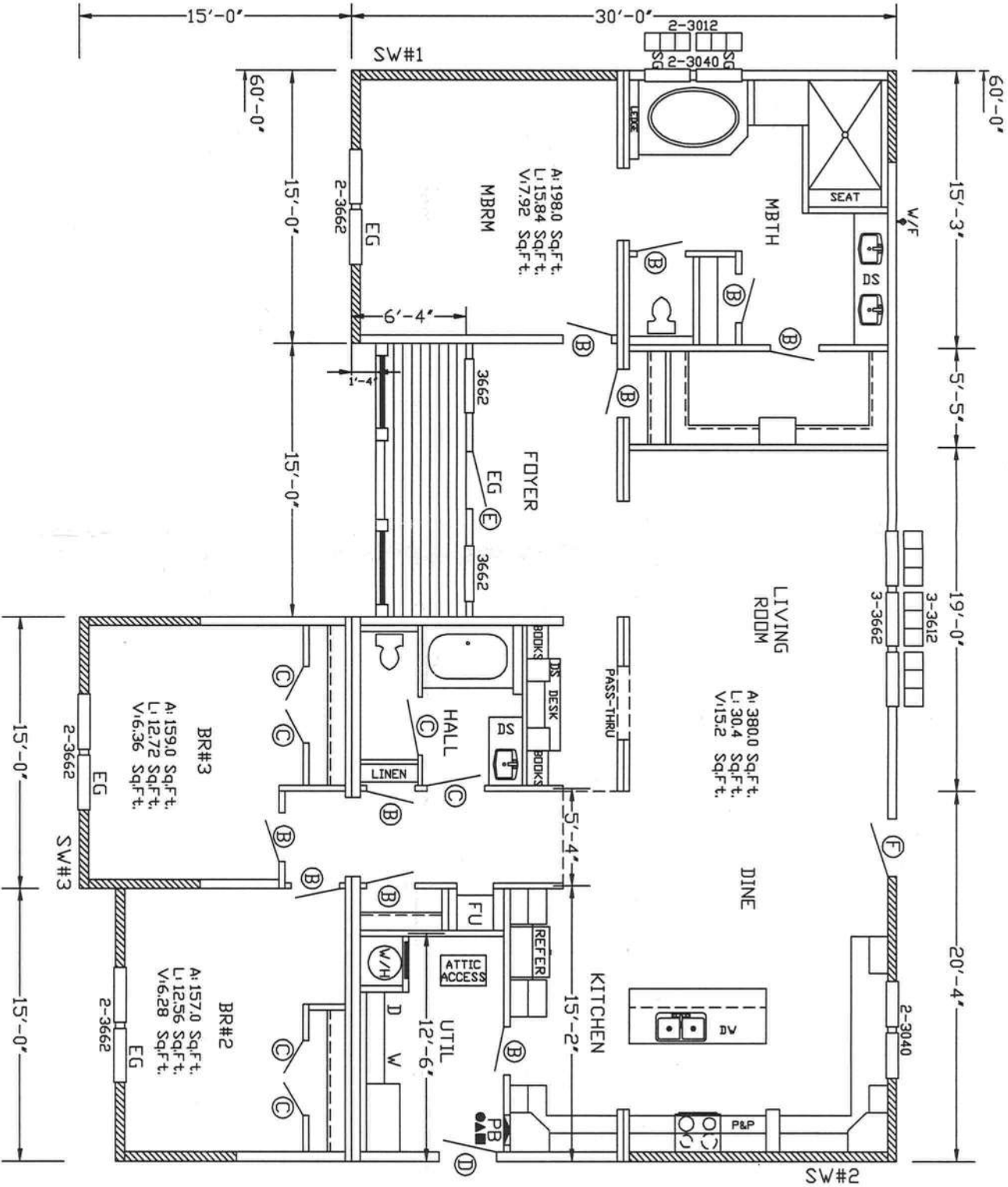
SHEET NO.:

A0



- STATE LABEL:
- ▲ DATA PLATE: PANEL BOX
- ALABAMA OUT-OF-STATE LABEL: PANEL BOX

- NOTES:
1. ALL WINDOWS TO BE THERMOPANES.
 2. ATTIC ACCESS OPENING 22"x30" MIN.
 3. FLAME SPREAD: INSULATION MATERIAL SHALL HAVE A FLAME SPREAD RATING OF NOT GREATER THAN 25, WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD RATING NOT GREATER THAN 200 AND A SMOKE DENSITY RATING NOT GREATER THAN 450 (CLASS-C). THE FLAME SPREAD REQUIREMENTS DO NOT APPLY TO TRIM OR ORNAMENTAL MATERIALS. TESTING SHALL CONFORM TO ASTM-E84.
 4. ALL EXHAUST FROM FANS TO BE RUN THROUGH DUCT TO THE OUTSIDE OF HOUSE AND TERMINATED IN A VENT CAP.
 5. IF HOME IS PLACED ON SITE WHERE ANY WINDOW SILL IS LESS THAN 24" ABOVE FINISHED FLOOR AND 72" OR GREATER ABOVE THE EXTERIOR GRADE, A WINDOW GAURD MUST BE INSTALLED THAT COMPLEIES WITH ASTM E2006 OR E2090.
 6. NO FUEL BURNING APPLIANCES INSTALLED IN BUILDING.



WINDOW SCHEDULE

SIZE QUAN.	DESCRIPTION	ROUGH OPENING		LIGHT	VENT	EGRESS		"U" VALUE		LoE ²	
		HEIGHT	WIDTH			HEIGHT	WIDTH	"U" SHGC	VT	"U" SHGC	VT
3012 2	FIXED TRANSOM (THERMO)	12 1/4"	30 1/4"	N/A	N/A	N/A	N/A	.50	.60	.37	.28
3612 3	FIXED TRANSOM (THERMO)	12 1/4"	36 1/4"	N/A	N/A	26 3/4"	31 1/2"	.50	.60	.37	.28
3040 4	VERTICAL SLIDER W/MULS (THERMO)	40 1/4"	30 1/4"	N/A	N/A	26 3/4"	31 1/2"	.50	.60	.37	.28
3662 11	VERTICAL SLIDER W/MULS (THERMO)	62 1/4"	36 1/4"	12.08	6.04	26 3/4"	31 1/2"	.50	.60	.37	.28

DOOR SCHEDULE

SYM	SIZE	QUAN.	DESCRIPTION	ROUGH OPENING		LIGHT	VENT	EGRESS		"U" VALUE	
				HEIGHT	WIDTH			HEIGHT	WIDTH	"U" SHGC	VT
(A)	2068(24")	10	INTERIOR 6-PANEL DOOR	82"	26"	N/A	N/A	N/A	N/A	N/A	N/A
(B)	2668(30")	1	INTERIOR 6-PANEL DOOR	82"	32"	N/A	N/A	N/A	N/A	N/A	N/A
(C)	3068(36")	1	INTERIOR 6-PANEL DOOR	82"	38"	N/A	N/A	N/A	N/A	N/A	N/A
(D)	3068(36")	1	EXTERIOR 1/2-GLASS STEEL DOOR(9-LITE)	82"	38"	N/A	N/A	N/A	N/A	N/A	N/A
(E)	3068(36")	1	EXTERIOR 1/2-GLASS STEEL DOOR	82"	38"	N/A	N/A	N/A	N/A	N/A	N/A
(F)	3068(36")	1	FULL GLASS/STEEL DOOR	82"	38"	N/A	N/A	N/A	N/A	N/A	N/A

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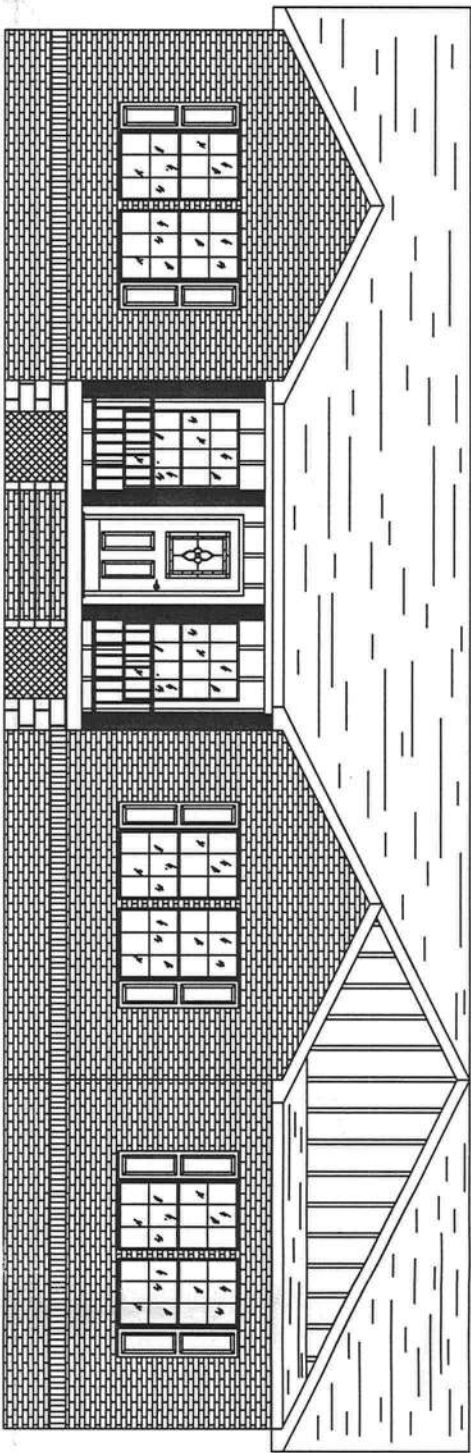
DRAWING:	FLOOR PLAN
SCALE:	1/8" = 1'-0"
DRAWN BY:	STEVEN PHILLIPS

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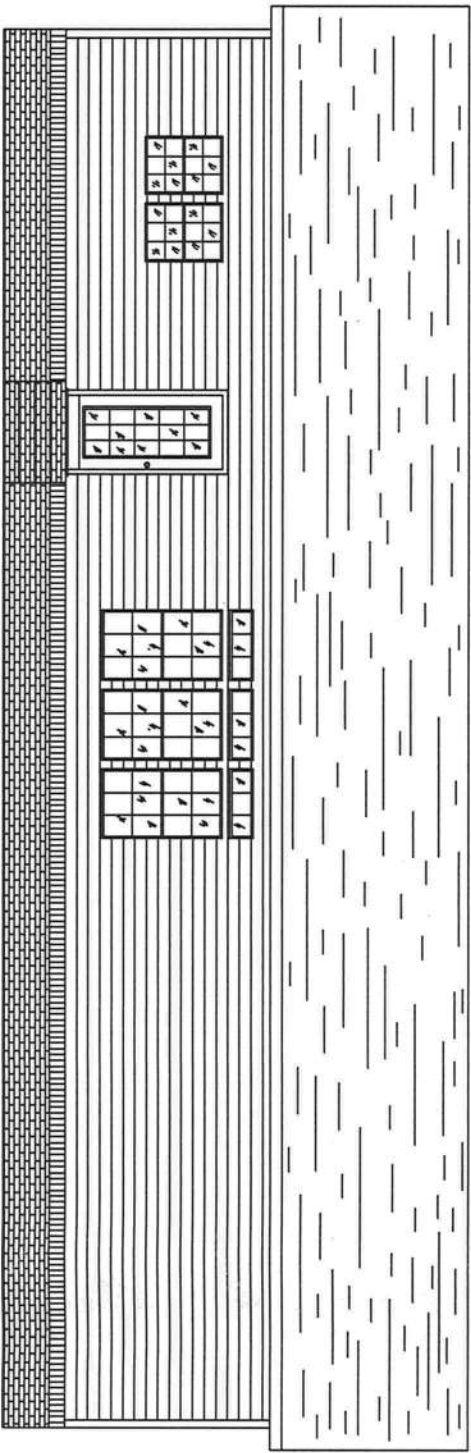
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SHEET NO.:

A1



FRONT ELEVATION



REAR ELEVATION

ATTIC VENTILATION:

VENTILATION REQUIRED:

ENCLOSED ATTICS AND ENCLOSED RAFTERS SPACES FORMED WHERE THE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. VENTILATING OPENINGS SHALL BE PROVIDED WITH CORROSION-RESISTANT WIRE MESH, WITH 1/8" MIN. TO 1/4" MAX. OPENINGS:

MINIMUM AREA:

THE NET FREE VENTILATION SHALL NOT BE LESS THAN 1 TO 150 OF THE AREA OF THE SPACE VENTILATED, EXCEPT THAT THE AREA MAY BE 1 TO 300, PROVIDED AT LEAST 50% AND NOT MORE THAN 80% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3-FEET ABOVE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. AS AN ALTERNATIVE, THE NET FREE CROSS-VENTILATION AREA MAY BE REDUCED TO 1 TO 300 WHEN A VAPOR BARRIER HAVING A TRANSMISSION RATE NOT EXCEEDING 1 PERM IS INSTALLED ON THE WARM SIDE OF CEILING.

ATTIC VENTILATION REQUIREMENTS:

1. NOT LESS THAN 1 TO 150.
2. VENTILATION REQUIRED: 2,040.00 Sq.In.
3. TYPE OF VENTILATION PROVIDED.
ROOF: CONTINUOUS VENTED RIDGE CAP(11.46 Sq.In./L.F.)
EAVES: CONTINUOUS VENTED VINYL SOFFIT (14.34 Sq.In./L.F.)
4. VENTILATION PROVIDED:
ROOF: (50.0 L.F.) 573.0 Sq.In.
EAVES:1,692.12 Sq.In.



DATE:

9-5-10

FLOOR SIZE:

60'x48'

MODEL NUMBER:

EZ-802

PLAN NUMBER:

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DRAWING:

ELEVATIONS

SCALE:

1/8" = 1'-0"

DRAWN BY:

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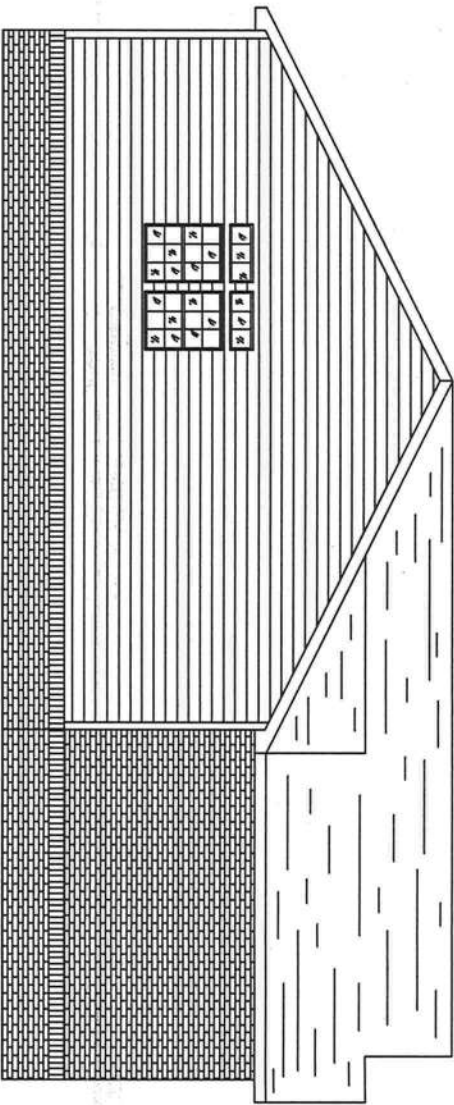
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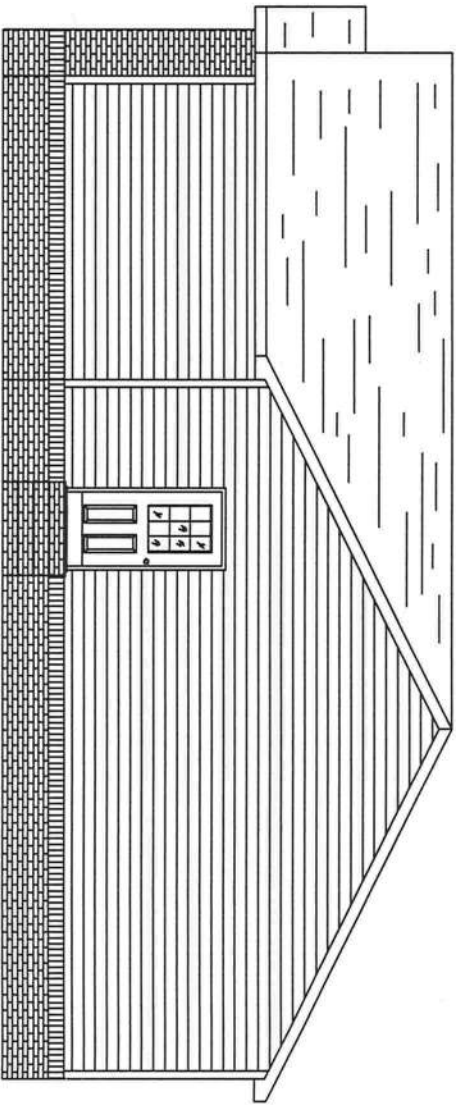
YOUR STYLE

SHEET NO.:

A2



LEFT ELEVATION



RIGHT ELEVATION

ATTIC VENTILATION:

VENTILATION REQUIRED:

ENCLOSED ATTICS AND ENCLOSED RAFTERS SPACES FORMED WHERE THE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. VENTILATING OPENINGS SHALL BE PROVIDED WITH CORROSION-RESISTANT WIRE MESH, WITH 1/8" MIN. TO 1/4" MAX. OPENINGS: MINIMUM AREA:

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60'x48'

MODEL NUMBER:

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DRAWING:

ELEVATIONS

SCALE:

1/8" = 1'-0"

DRAWN BY:

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SHEET NO.:

A2a

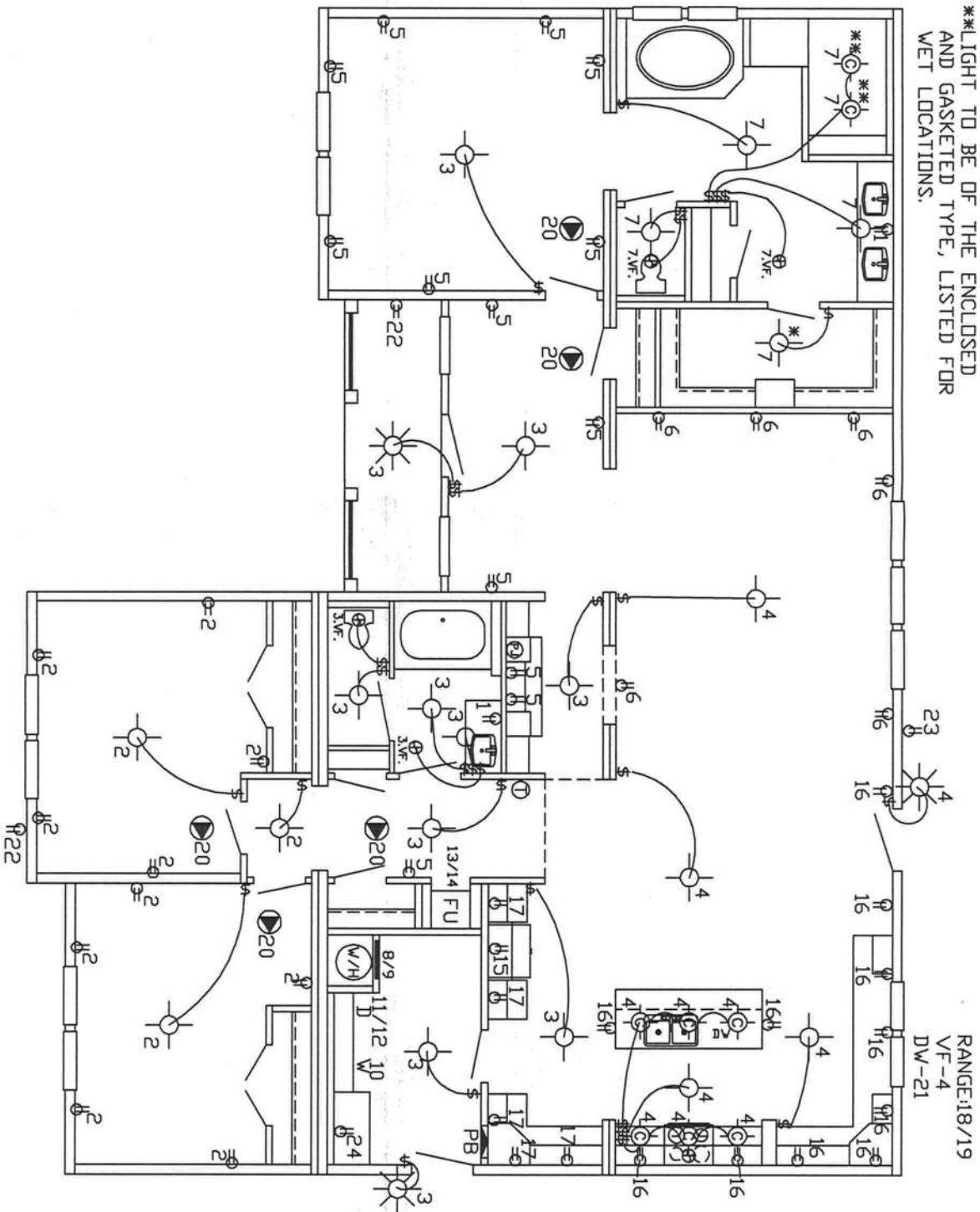


- NOTES:
1. ALL 15 & 20 AMP RECEPITS ARE TO BE TAMPER RESISTANT.
 2. ALL SMOKE ALARMS ARE TO BE INTERCONNECTED.
 3. MAIN BREAKER SIZE: 200 AMP.
 4. SERVICE ENTRANCE CONDUCTOR:
COPPER=2/0
ALUMINUM OR COPPER CLAD ALUM.=4/0

LEGEND

- FLUORESCENT LIGHT
- OVERHEAD GLOBE LIGHT
- RECESSED CAN LIGHT
- PANEL BOX
- THERMOSTAT LOCATION
- EXTERIOR LIGHT W/P
- RECEPTACLE PLUG
- SWITCH
- VENT FAN SYMBOL:
75 CFM VENTED TO OUTSIDE FOR BATHS
100 CFM VENTED TO OUTSIDE FOR KITCHEN
- CEILING MOUNTED SMOKE ALARM
- CEILING MOUNTED CARBON MONOXIDE DETECTOR
- EXTERIOR FLOOD LIGHT W/P
- PHONE JACK

**LIGHT TO BE OF THE ENCLOSED AND GASKETED TYPE, LISTED FOR WET LOCATIONS.



*12' MIN. TO SHELF

ELECTRICAL CIRCUIT LAYOUT

2P= TWO POLE BREAKER
ITE #FE-415153 UL LISTED

CIRCUIT#	DESCRIPTION	WIRE	AMP	CIRCUIT#	DESCRIPTION	WIRE	AMP
1	RECEPS (GFCI)	12-2	20	20	SMOKE ALARM (AFCI)	14-3	15
2	GENERAL LIGHTING (AFCI)	14-2	15	21	DISHWASHER	14-2	15
3	GENERAL PURPOSE (AFCI)	14-2	15	22	EXTERIOR RECEPS (GFCI W/R)	12-2	20
4	GENERAL LIGHTING (AFCI)	14-2	15	23	EXTERIOR RECEPS (GFCI W/R)	12-2	20
5	RECEPS. (AFCI)	14-2	15	24	SMALL APPLIANCE (GFCI)	12-2	20
6	RECEPS. (AFCI)	14-2	15				
7	GENERAL LIGHTING (AFCI)	14-2	15				
8/9	WATER HEATER 2P	10-2	25				
10	WASHER	12-2	20				
11/12	DRYER 2P	10-3	30				
13/14	FURNACE 2P	4-4-6	60				
15	REFER(SMALL APP)	12-2	20				
16	SMALL APPLIANCE (GFCI)	12-2	20				
17	SMALL APPLIANCE (GFCI)	12-2	20				
18/19	RANGE	8-3	40				

DATE:	9-5-10
FLOOR SIZE:	60'x48'
MODEL NUMBER:	EZ-802
PLAN NUMBER:	

DRAWING:	ELECTRICAL LAYOUT
SCALE:	1/8" = 1'-0"
DRAWN BY:	STEVEN PHILLIPS

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SHEET NO.:

A3

1. ALUMINUM CONDUCTORS SHALL NOT BE USED.

2. DISTRIBUTION EQUIPMENT SHALL BE LOCATED A MINIMUM OF 24" ABOVE THE FLOOR LEVEL OF THE HOME.

3. RECEPTACLE OUTLETS LOCATED IN COMPARTMENTS ACCESSIBLE FROM OUTDOORS SHALL BE PROVIDED WITH A GFCI PROTECTED OUTLET.

4. EACH BASIN WITHIN A BATHROOM SHALL BE PROVIDED WITH A GFCI PROTECTED OUTLET AT COUNTERTOP AREA. THIS OUTLET SHALL BE ON A SEPARATE 20 AMP. CIRCUIT.

5. LIGHTING FIXTURES INSTALLED OVER A BATHTUB OR SHOWER SHALL BE OF THE ENCLOSED AND GASKETED TYPE, LISTED FOR WET AREA USE.

6. EVERY APPLIANCE SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE REPAIR OR REPLACEMENT WITHOUT REMOVAL OF PERMANENT CONSTRUCTION.

7. NONMETALLIC BOXES ARE USED WITH NONMETALLIC CABLE ONLY.

8. NONMETALLIC CABLE IN STORAGE AREAS AND/OR LESS THAN 15" ABOVE THE FLOOR SHALL BE PROTECTED FROM DAMAGE.

9. ELECTRICAL CABLES SHALL BE SECURED IN PLACE AT INTERVALS NOT EXCEEDING 4 1/2 FT. AND WITHIN 12" FROM EVERY CABINET BOX OR FITTING.

10. ELECTRICAL CABLES LESS THAN 1 1/4" FROM ANY SURFACE OF WOOD FRAMING MEMBERS IT PASSES THROUGH SHALL BE PROTECTED WITH A STEEL DEVICE OF 16 ga. THICKNESS IN IN WALL STUDS 3 1/2" AND LARGER OR USE A CABLE STACKER ON WALL STUDS LESS THAN 3 1/2".

11. METALLIC FACE PLATES SHALL BE EFFECTIVELY GROUNDED.

12. APPLIANCES CONNECTED BY METAL-CLAD CABLE OR FLEXIBLE CONDUIT SHALL HAVE AT LEAST 3" OF FREE CABLE OR CONDUIT TO PERMIT MOVING THE APPLIANCE.

13. TYPE "NM" OR TYPE "SE" CABLE SHALL NOT BE USED TO CONNECT A RANGE OR DRYER DIRECTLY BUT CAN BE USED TO A JUNCTION BOX OR RECEPTACLE FOR RANGE OR DRYER.

14. SWITCHES SHALL BE ADEQUATELY RATED FOR LOAD CONTROL.

15. AT LEAST 6" OF FREE CONDUCTOR, MEASURED FROM THE FACE OF THE OUTLET BOX, SHALL BE LEFT AT EACH OUTLET BOX UNLESS CONDUCTORS LOOP WITHOUT JOINTS.

16. EXPOSED WIRING OUTSIDE THE HOME SHALL BE IN CONDUIT.

17. OUTLET BOXES SHALL FIT CLOSELY TO OPENINGS AND SHALL BE FLUSH WITH THE SURFACE.

18. GROUNDING OF ALL ELECTRICAL AND NON-ELECTRICAL METAL PARTS SHALL BE THROUGH A CONNECTION TO THE GROUNDING BUS IN THE MAIN DISTRIBUTION PANEL.

19. THE GREEN COLORED WIRE IN THE SUPPLY CORD OR FEEDER WIRING SHALL BE CONNECTED TO THE GROUNDING BUS IN THE MAIN DISTRIBUTION PANEL.

20. OUTDOOR ELECTRICAL FIXTURES AND EQUIPMENT SHALL BE LISTED FOR OUTDOOR USE.

21. EXTERIOR RECEPTACLES SHALL BE OF A GASKETED TYPE AND GFCI PROTECTED. WET LOCATION ATTACHMENT PLUG CAP INSERTED OR REMOVED.

22. ARRANGEMENTS SHALL BE MADE TO ASSURE THAT THE COLOR CODING MATERIALS ARE NOT OBLITERATED BY PAINTING.

23. AT LEAST TWO (2) EXTERIOR RECEPTACLES, APPROVED FOR SUCH USE, SHALL BE INSTALLED ON THE EXTERIOR OF THE HOME ACCESSIBLE AT GRADE LEVEL. ONE (1) ON THE FRONT DOOR SIDE AND ONE (1) ON THE REAR DOOR SIDE (OPPOSITE LONG WALL SIDE). AN ADDITIONAL EXTERIOR RECEPTACLE SHALL BE INSTALLED WITHIN THE PERIMETER OF ALL BALCONIES, DECKS, OR PORCHES GREATER THAN 20 sq. ft. IN AREA THAT ARE ACCESSIBLE FROM INSIDE THE DWELLING UNIT (THIS ADDITIONAL RECEPTACLE SHALL BE PROVIDED AND INSTALLED BY OTHERS ON SITE).

24. ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES, FITTINGS AND OTHER EQUIPMENT SHALL BE LISTED OR LABELED BY A NATIONALLY RECOGNIZED TESTING AGENCY AND SHALL BE CONNECTED IN AN APPROVED MANNER WHEN IN SERVICE.

25. EACH STRAP OR YOKE CONTAINING ONE OR MORE DEVICES MUST BE COUNTED AS (2) CONDUCTORS FOR BOX FILL.

26. ALL KITCHEN COUNTERTOP RECEPTACLES SHALL BE GFCI PROTECTED AND CANNOT BE SPACED MORE THAN 48" O.C..

27. EXTERIOR GFCI RECEPTACLES SHALL BE SUPPLIED BY AN ADJACENT LIGHTING CIRCUIT.

28. NO WIRING IS TO BE INSTALLED IN THE RETURN AIR PLenums.

29. ELECTRICAL TYPE HEATING ELEMENTS ARE TO BE SUBDIVIDED WITHIN THE UNIT SUCH THAT EACH SUBDIVIDED LOAD DOES NOT EXCEED 48 AMPS.

30. BOXES USED AT LUMINAIRES OUTLETS IN CEILINGS SHALL BE DESIGNED FOR THAT PURPOSE AND REQUIRED TO SUPPORT A MIN. OF 50 Lbs.. BOXES USED AT LUMINAIRE OUTLETS IN A WALL SHALL BE DESIGNED FOR THAT PURPOSE AND MARKED ON INTERIOR TO INDICATE THE MAX. WEIGHT THAT IS PERMITTED IF OTHER THAN 50 Lbs.. A WALL MOUNTED LUMINAIRE WEIGHING NOT MORE THAN 6 Lbs. MAY BE SUPPORTED ON OTHER BOXES OR PLASTER RINGS.

31. OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANT WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS TO MAINTAIN THE FIRE RESISTANCE RATING.

32. SERVICE EQUIPMENT SHALL BE SUITABLE FOR THE SHORT CIRCUIT (FAULT) CURRENT AVAILABLE AT ITS SUPPLY TERMINALS.

33. ALL RECEPTACLES TO BE OF THE GROUNDING TYPE.

34. ALL WIRING TO BE PER 2008 NEC W/TYPE "NM" ROMEX (CU) W/GROUND.

35. MAIN PANEL TO BE MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT" AND BE EQUIPPED WITH BREAKER/FUSE TYPE OVER CURRENT PROTECTION. 30" WIDE x 36" DEEP CLEAR WORKING SPACE SHALL BE PROVIDED IN FRONT OF THE ELECTRICAL PANEL.

36. PROPER THERMAL OVERLOAD PROTECTION TO BE PROVIDED FOR ALL MOTORS.

37. DISCONNECTING MEANS TO BE LOCATED WITHIN SIGHT FOR ALL MOTORS.

38. WEATHERPROOF PROTECTION REQUIRED FOR ALL OUTDOOR LIGHTS, RECEPTACLES AND DISCONNECTS.

39. ALL EXTERIOR RECEPTACLE DEVICES SHALL BE LISTED AND LABELED AS WEATHER RESISTANT (WR).

38. PROPER WORKING CLEARANCE TO BE PROVIDED AND MAINTAINED AROUND ABOUT ALL ELECTRICAL EQUIPMENT.
39. ALL FLOURESCENT AND INCANDESCENT FIXTURES REQUIRE THERMAL PROTECTION AND AND PROPER CLEARANCE FROM INSULATION.
40. COMBINATION FAN/LIGHT AND ALL RECESSED INCANDESCENT FIXTURES TO BE WITH THERMAL PROTECTION.
41. EXIT LIGHTS (IF ELECTRIC) MUST BE FED FROM AN APPROVED EMERGENCY SERVICE CONNECTED AHEAD OF BUT NOT WITHIN MAIN SERVICE DISCONNECTING MEANS ENCLOSURE.
42. ALL EQUIPMENT TO BE LISTED AND INSTALLED IN ACCORDANCE WITH ITS LISTING.
43. PROVIDE GFCI RECEPTACLE AND SWITCHED LIGHT FIXTURE AT CRAWL SPACE ACCESS FOR SERVICE OF ALL MECHANICAL SYSTEMS.
44. ALL FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSET, HALLWAYS OR SIMILAR AREA SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER DEVICE OF THE COMBINATION TYPE.
45. REQUIRED RECEPTACLE OUTLETS SHALL NOT BE LOCATED ON ISLANDS OR PENINSULAS WHERE THE OVERHANG OF THE COUNTERTOP EXCEEDS 6 INCHES.
46. ALL 15 & 20 AMP RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT (TR).
47. A WALL SWITCH-CONTROLLED DUPLEX RECEPTACLE FOR ILLINATION SHALL BE SPLIT OR AN ADDITIONAL RECEPTACLE SHALL BE ADDED TO MEET THE GENERAL WALL SPACE RECEPTACLE PLACEMENT REQUIREMENTS.
48. A MIN. OF ONE (1) COMMUNICATIONS OUTLET SHALL BE PROVIDED IN EACH DWELLING UNIT. SEE PLAN FOR LOCATION.

ON-SITE ELECTRICAL CONNECTIONS

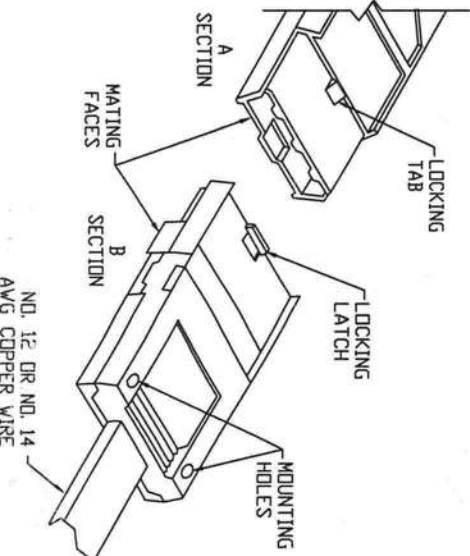
BECAUSE OF THE IMPOTANCE OF PROPER ELECTRICAL CONNECTIONS IT IS ADVISABLE TO HAVE A QUALIFIED ELECTRICIAN DA ALL WORK AND CONNECTIONS OF THE ELECTRICAL SYSTEM.

EACH UNIT WILL HAVE ELETRICAL CROSSOVERS LOCATED NEAR THE MARRIAGE LINE OF THE FLOOR. CONNECTIONS ARE TO BE MADE IN JUNCTION BOXES. CIRCUITS WILL BE IDENTIFIED FOR RANGE, DRYER, FURNACE, ETC. CONNECT LIKE CIRCUITS TOGETHER USING APPROPRIATE CONNECTORS. CONNECT BLACK TO BLACK, RED TO RED & WHITE TO WHITE ETC..

SOME HOMES MAY USE A "SNAP TOGETHER" QUICK CONNECT DEVICE AS SHOWN BELOW, FOLLOW INSTRUCTIONS AS SHOWN.

ALL ELECTRICAL MUST COMPLY WITH NORTH CAROLINA ELECTRIC AL CODE, 2009 EDITION.

DANGER: MAKE SURE POWER IS TURNED "OFF" BEFORE CONNECTING.



1. LOCATE ELECTRICAL CROSSOVERS/SPICES ON BOTTOM BOARD AT MARRIAGE LINE. REMOVE TAPE AND PULL OUT AMP CONNECTOR(S).
2. ORIENT THE SPLICES SO THE MATING ENDS ALIGN WITH EACH OTHER.
3. SLIDE THE SPLICES INTO EACH OTHER UNTIL THE LOCKING LATCH ENGAGES THE LOCKING TAB. ONCE COUPLED, THE SPLICES "CANNOT" BE UNCOUPLED AND REUSED, THEY MUST BE REPLACED WITH A NEW DEVICE.
4. COUPLED SPLICES CAN BE MOUNTED TO STUDS OR JOIST WITH 4d COMMON NAILS. CAUTION: "DO NOT" USE OVERSIZE NAILS OR DRIVE NAIL HEADS INTO SPLICES.
5. AFTER ALL ELECTRICAL CROSSOVERS ARE LOCKED TOGETHER, PLACE ANY EXCESS "NM" CABLE BACK INTO THE FLOOR CAVITY. PLACE BOTTOM BOARD PATCH OVER ALL "NM" CABLES AND AMP CONNECTORS. SECURE ALL AROUND WITH APPROVED BOTTOM BOARD TAPE TO EXISTING BOTTOM BOARD.

DATE:	9-5-10
FLOOR SIZE:	60'x48'
MODEL NUMBER:	EZ-802
PLAN NUMBER:	.

DRAWING:	ELECTRICAL GENERAL NOTES
SCALE:	NTS
DRAWN BY:	STEVEN PHILLIPS

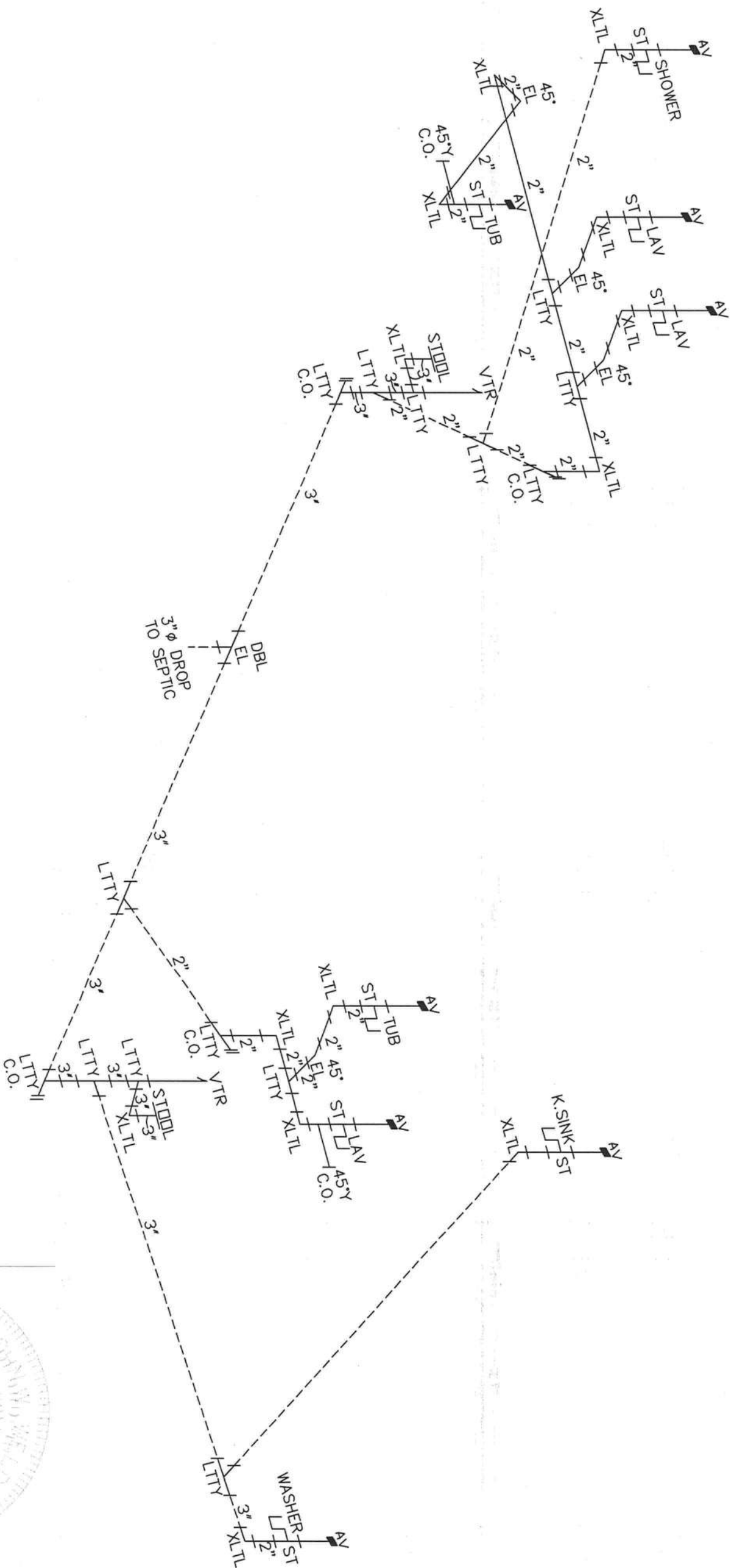
ENERGY HOMES
a division of SEhomes, Inc.
18025 COUNTY ROAD 41
P.O. BOX 269
ADDISON, AL 35540
PHONE:(256)747-1544
FAX:(256)255-3358

YOUR LIFE
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SHEET NO.:

A3a

DWV DRAIN LINE NOTES:
1. ALL DRAIN LINE 1 1/2" Ø
UNLESS NOTED.
2. REFERENCE SHT-A4B FOR
GENERAL NOTES.
3. SHOWER AND WASHER REQUIRE
2" MIN. P-TRAP AND DRAIN.
4. ----- FIELD INSTALLED PLUMBING.



DATE:	9-5-10
FLOOR SIZE:	60'x48'
MODEL NUMBER:	EZ-802
PLAN NUMBER:	.

DRAWING:	PLUMBING DRAIN LINES
SCALE:	NTS
DRAWN BY:	STEVEN PHILLIPS

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SHEET NO.:

A4

FIXTURE UNITS PER TABLE P2903.6

(2) FULL BATH GROUPS: 3.0-HOT, 5.4-COLD, 7.2-COMBINED
KITCHEN GROUP: 1.9-HOT, 1.0-COLD, 2.5-COMBINED
LAUNDRY GROUP: 1.0-HOT, 1.0-COLD, 1.4-COMBINED
WATER HEATER: 3.7-COLD
HOSE BIBB: 2.5-COLD

TOTAL FIXTURE UNITS ON COLD WATER SUPPLY: 18.1

TOTAL FIXTURE UNITS ON HOT WATER SUPPLY: 8.9

TOTAL FIXTURE UNITS (INLET): 18.1

MAXIMUM FIXTURE UNITS ON A SUPPLY LINE

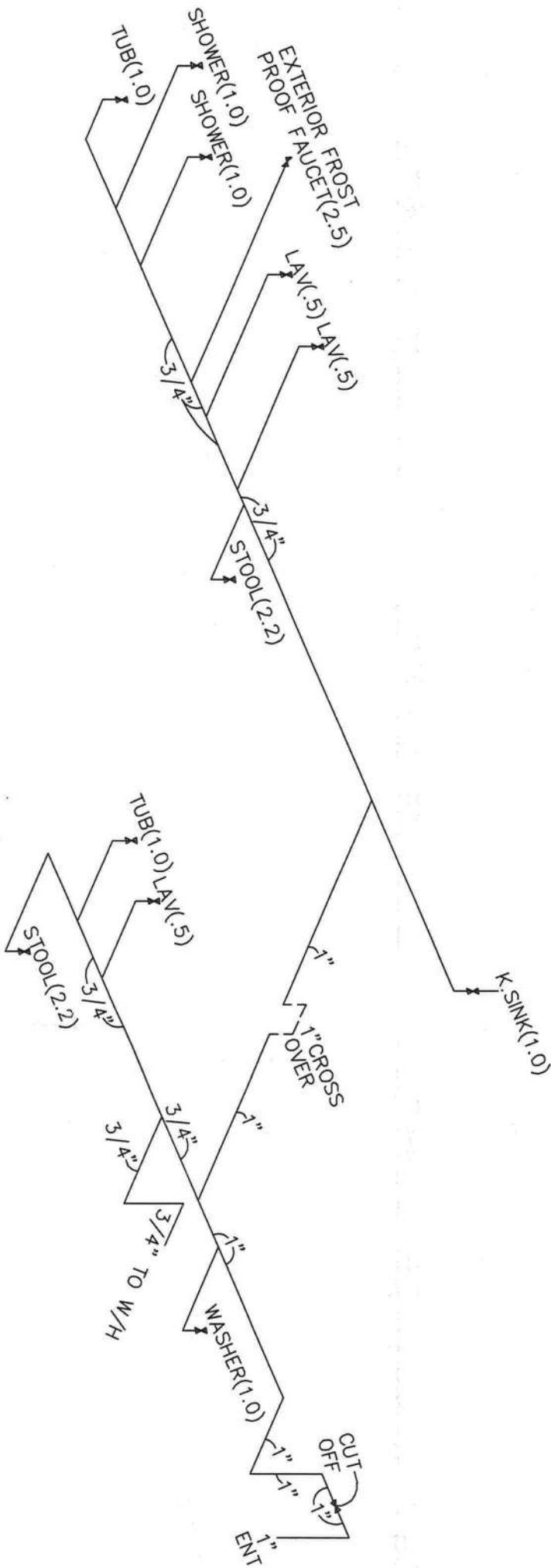
PER TABLE P2903.7 FOR 50-60 PSI AND 60' MAXIMUM ALLOWABLE LENGTH

1/2"=3

3/4"=9.5

1"=32

1 1/4"=80



SUPPLY LINE NOTES:

1. ALL PIPE 1/2"Ø UNLESS NOTED.
2. HOT WATER THE SAME AS SHOWN EXCEPT DROP THE STOOL'S, ENTRANCE AND OUTSIDE FAUCET.
3. CUT-OFF FOR COLD WATER SUPPLY TO WATER HEATER ONLY.
4. WATER HEATER IS A 30 gal. min., 50 gal. max, ELECTRIC.
5. REFERENCE SHT-A4c FOR PLUMBING GENERAL NOTES.
6. ---= FIELD INSTALLED PLUMBING.



A4a

SHEET NO.:

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DRAWING:

PLUMBING SUPPLY
LINES (COLD)

SCALE:

NTS

DRAWN BY:

STEVEN PHILLIPS

DATE:

9-5-10

FLOOR SIZE:

60'x48'

MODEL NUMBER:

EZ-802

PLAN NUMBER:

.

FIXTURE UNITS PER TABLE P2903.6

(2) FULL BATH GROUPS: 3.0-HOT, 5.4-COLD, 7.2-COMBINED
KITCHEN GROUP: 1.9-HOT, 1.0-COLD, 2.5-COMBINED
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TOTAL FIXTURE UNITS ON COLD WATER SUPPLY: 18.1

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MAXIMUM FIXTURE UNITS ON A SUPPLY LINE

PER TABLE P2903.7 FOR 50-60 PSI AND 60' MAXIMUM ALLOWABLE LENGTH

1/2"=3

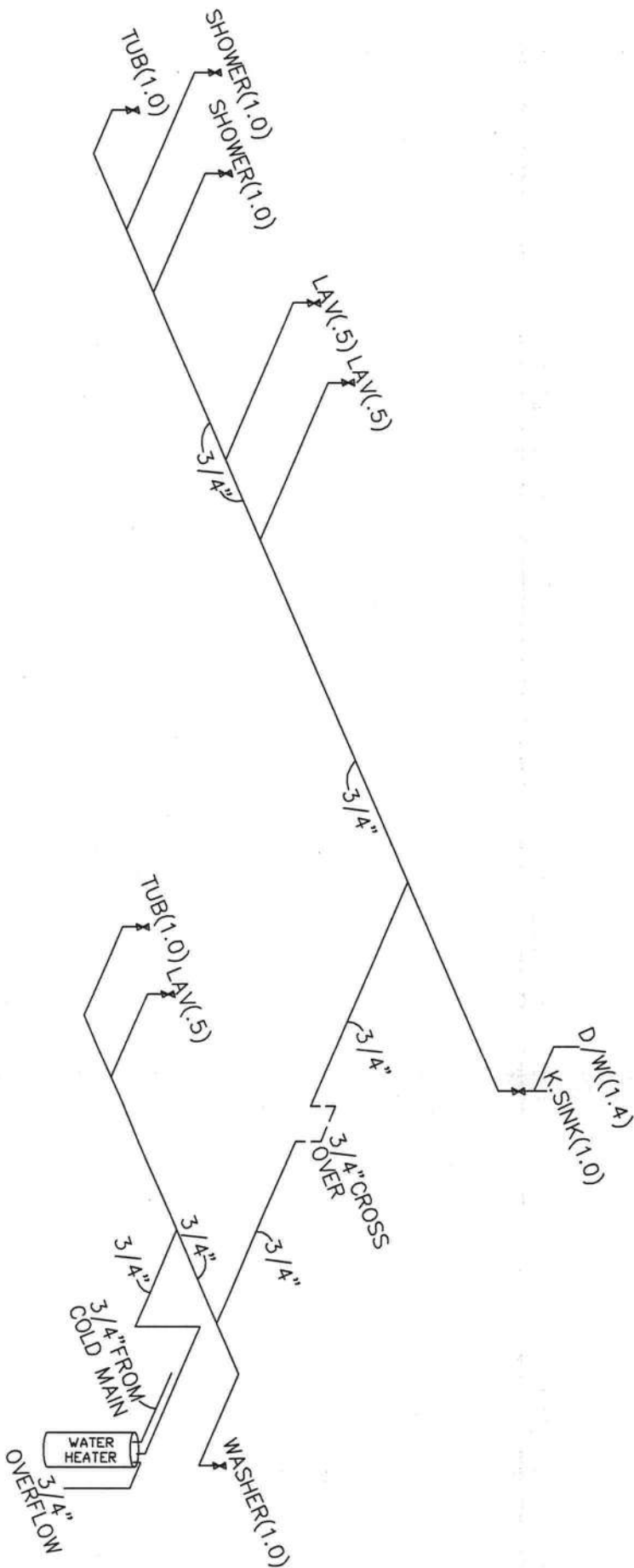
3/4"=9.5

1"=32

1 1/4"=80

SUPPLY LINE NOTES:

1. ALL PIPE 1/2"Ø UNLESS NOTED.
2. HOT WATER THE SAME AS SHOWN EXCEPT DROP THE STOOL'S, ENTRANCE AND OUTSIDE FAUCET.
3. CUT-OFF FOR COLD WATER SUPPLY TO WATER HEATER ONLY.
4. WATER HEATER IS A 30 gal. min., 50 gal. max, ELECTRIC.
5. REFERENCE SH1-A4c FOR PLUMBING GENERAL NOTES.
6. FIELD INSTALLED PLUMBING.



DATE:	9-5-10
FLOOR SIZE:	60'x48'
MODEL NUMBER:	EZ-802
PLAN NUMBER:	.

DRAWING:	PLUMBING SUPPLY LINES (HOT)
SCALE:	NTS
DRAWN BY:	STEVEN PHILLIPS

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SHEET NO.:

A4b

1. ALL PLUMBING MATERIALS, DEVICES, FIXTURES, FITTING, EQUIPMENT, APPLIANCES AND ACCESSORIES INSTALLED SHALL BE LISTED OR CERTIFIED BY AN APPROVED LISTING AGENCY (NSF, LAPMO, GFI, ETC...) OR SHALL BE SPECIFICALLY APPROVED.
2. ALL VALVES, PIPES AND FITTINGS SHALL BE INSTALLED IN CORRECT RELATIONSHIP TO THE DIRECTION OF FLOW.
3. ALL PIPING, PIPE THREADS, HANGERS AND SUPPORTS WHICH ARE EXPOSED TO THE WEATHER, WATER, MUD AND/OR ROAD DAMAGE SHALL BE ADEQUATELY PROTECTED FROM DETERIORATION AND/OR DAMAGE DURING TRANSIT.
4. ALL EXTERIOR OPENINGS AROUND PIPING AND EQUIPMENT SHALL BE SEALED TO RESIST THE ENTRANCE OF RODENTS, FIRE BLOCKING SHALL BE PROVIDED AT OPENINGS AROUND VENTS, PIPES AND DUCTS AT CEILING AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION.
5. PLUMBING, PIPING AND ELECTRICAL WIRING SHALL NOT PASS THROUGH THE SAME HOLES IN WALLS, FLOORS OR ROOFS.
6. PLASTIC PIPING SHALL NOT BE EXPOSED TO HEAT IN EXCESS OF MANUFACTURERS RECOMMENDATION OR RADIATION FROM HEAT PRODUCING APPLIANCES.
7. TWO LAVATORIES CONNECTED WITH CONTINUOUS WASTE CONNECTED TO ONE "P" TRAP SHALL HAVE THEIR WASTE OUTLETS NOT MORE THAN 30 INCHES APART.
8. EACH "P" TRAP SHALL HAVE WATER SEAL OF NOT LESS THAN 2 INCHES AND NOT MORE 4 INCHES AND SHALL BE SET TRUE TO ITS SEAL.
9. FIXTURE TAILPIECES SHALL NOT EXCEED 24 INCHES IN LENGTH.
10. TRAP ARMS SHALL BE GRADED 1/4 INCH PER FOOT TOWARDS VENT AND SHALL NOT HAVE A SLOPE GREATER THAN ITS DIAMETER.
11. TRAPS SHALL BE ACCESSIBLE FOR REPAIR AND INSPECTION AND SHALL BE DESIGNED AND INSTALLED SO THE U BEND IS REMOVABLE.
12. CLEAN OUTS SHALL BE THE SAME NOMINAL SIZE AS THE PIPE THEY ARE CONNECTED TO UP TO 4" (102 mm). FOR PIPES LARGER THAN 4" (102 mm) NOMINAL SIZE, THE MINIMUM SIZE OF THE CLEAN OUT SHALL BE 4" (102 mm).
13. CLEAN OUTS ON 6" (153 mm) AND SMALLER PIPES SHALL BE PROVIDED WITH A CLEARANCE OF NOT LESS THAN 18" (457 mm) FOR RODDING. CLEAN OUTS ON 8" (203 mm) AND LARGER PIPES SHALL BE PROVIDED WITH A CLEARANCE OF NOT LESS THAN 36" (914 mm) FOR RODDING.
14. WATER CLOSET FLOOR FLANGE SECUREMENT TO THE FLOOR SHALL BE MADE USING CORROSION RESISTANT SCREWS AND THE TOILET SHALL BE SECURED TO THE FLANGE USING BOLTS MADE OF OF BRASS OR OTHER CORROSION RESISTANT MATERIAL.
15. THE WALLS OF SHOWER COMPARTMENT SHALL BE CONSTRUCTED OF SMOOTH, NON-CORROSIVE AND NONABSORBENT WATERPROOF MATERIALS TO HEIGHT NOT LESS THAN 6 FEET ABOVE BATHROOM FLOOR LEVEL. SUCH WALLS SHALL FORM A WATER TIGHT JOINT WITH EACH OTHER AND WITH THE BATHTUB, RECEPTOR OR SHOWER FLOOR.
16. CLOTHES WASHING MACHINE STANDPIPE SHALL EXTEND NOT LESS THAN 18 INCHES OR MORE THAN 42 INCHES ABOVE ITS "P" TRAP.
17. EACH PLUMBING FIXTURE AND STANDPIPE RECEPTOR SHALL BE LOCATED AND INSTALLED IN A MANNER TO BE ACCESSIBLE FOR USAGE, CLEANING, REPAIR AND REPLACEMENT.
18. FIXTURES SHALL BE SET LEVEL AND IN TRUE ALIGNMENT WITH ADJACENT WALLS AND WHERE PRACTICAL PIPING FROM FIXTURES SHALL EXTEND TO NEAREST WALL.
19. WALL HUNG FIXTURES SHALL BE RIGIDLY ATTACHED TO WALLS BY METAL BRACKETS OR SUPPORTS WITHOUT ANY STRAIN BEING TRANSMITTED TO THE PIPING CONNECTION.
20. FLUSH TANKS SHALL BE SECURELY FASTENED TO TOILETS WITH CORROSION-RESISTANT MATERIALS.
21. BATHTUB RIMS AT WALL SHALL BE SUPPORTED ON METAL HANGERS OR ON WOOD BLOCKING ATTACHED TO THE WALL. UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER OF THE TUB.
22. PIPING SHALL BE INSTALLED WITHOUT UNDUE STRAIN AND STRESS WITH PROVISION FOR EXPANSION, CONTRACTION AND STRUCTURAL SETTLEMENT.
23. ABS OR PVC PIPING SHALL BE SUPPORTED AT 4 FOOT INTERVALS UNLESS OTHERWISE STATED IN THE APPLICABLE MATERIAL STANDARDS OR BY THE PIPING MANUFACTURER.
24. THE OUTLETS OF FAUCETS, SPOUTS AND SIMILAR DEVICES SHALL BE SPACED AT LEAST 1 INCH ABOVE THE FLOOD LEVEL OF THE FIXTURE.
25. FLUSH TANKS SHALL BE EQUIPPED WITH AN APPROVED OR LISTED ANTI SIPHON BALL COCK INSTALLED AND MAINTAINED WITH ITS OUTLET OR CRITICAL LEVEL MARK NOT LESS THAN 1 INCH ABOVE THE FULL OPENING OF THE OVERFLOW PIPE.
26. PIPE JOINT COMPOUNDS SHALL BE APPLIED TO MALE THREADS ONLY.
27. LINE VALVES WHICH CONTROL THE WATER FLOW TO MORE THAN ONE FIXTURE SHALL HAVE A CROSS-SECTIONAL AREA OF AT LEAST EQUAL TO THAT OF THE PIPING WHEN FULLY OPENED.
28. VENT PIPES SHALL EXTEND THROUGH THEIR FLASHING AND TERMINATE VERTICALLY NOT LESS THAN 6 INCHES (MIN.) ABOVE THE ROOF AT THE HIGHEST POINT.
29. VENT CAPS, IF APPROVED, SHALL BE OF THE REMOVABLE TYPE WITHOUT REMOVING THE FLASHING FROM THE ROOF.
30. ALL HOMES EQUIPPED WITH HOSE BIBS SHALL BE SUPPLIED WITH APPROPRIATE BACK FLOW PREVENTION DEVICES ON EACH HOSE BIB. APPROPRIATE BACK FLOW PREVENTION DEVICES SHALL INCLUDE THREADED DEVICES WHICH CONNECT THE OUTLET AS WELL AS INLINE DEVICES. DIELECTRIC FITTINGS OR OTHER APPROPRIATE MATERIALS SHALL BE USED WHEN DISSIMILAR METALS ARE JOINED.
31. EACH HOME SHALL HAVE A 3 INCH MAIN VENT EXTENDING THROUGH AND TERMINATING 6 INCHES (MIN.) ABOVE THE ROOF AT THE HIGHEST POINT.

33. BRANCH TYPE VALVES SHALL COMPLY WITH ASSE 1051 OR STACK TYPE (IF USED) SHALL COMPLY WITH ASSE 1050. THEY SHALL BE INSTALLED PER THEIR INSTALLATION INSTRUCTIONS.
34. ALL SHOWERS AND CLOTHES WASHER STANDPIPES SHALL HAVE 2 INCH "P" TRAPS.
35. PLUMBING FIXTURES WILL BE OF WATER CONSERVING TYPES, PER CODE LISTINGS.
36. EXTERIOR LOAD BEARING WALL PENETRATIONS FOR PLUMBING VENTS ARE REQUIRED TO BE REINFORCED WITH 24 GAUGE STEEL ANGLE OR EQUIVALENT.
37. WATER SUPPLY LINES TO BE: COPPER, POLYBUTYLENE OR CPVC.
38. WATER PIPING TO BE SUPPORTED AT COPPER/GALVANIZED 4 FOOT O.C., CPVC 3 FOOT O.C.
39. A SHUT OFF VALVE IS TO BE LOCATED AT EACH FIXTURE.
40. FULL SIZED SHUT OFF VALVE TO BE LOCATED BETWEEN BUILDING AND WATER MAIN/METER.
41. WHEN A LAVATORY IS MOUNTED IN A COUNTER THE FRONT EDGE OF THE LAVATORY SHALL BE WITHIN 3 INCHES OF THE FRONT OF THE COUNTER.
42. DWV MATERIAL TO ABS OR PVC.
43. MAXIMUM TRAP TO VENT DISTANCE:
- | | |
|--------|--------------|
| 1 1/4" | 5'-0" |
| 1 1/2" | 6'-0" |
| 2" | 8'-0" |
| 3" | 12'-0" |
| 4" | 16'-0" |
44. ALL LAVATORIES MUST HAVE WASTE OUTLETS NOT LESS THAN 1 1/4 INCHES IN DIA..
45. ALL TUBS MUST HAVE WASTE OUTLETS NOT LESS THAN 1 1/2 INCHES IN DIA..
46. ALL SHOWER COMPARTMENTS WILL HAVE AT LEAST 900 SQ. INCHES OF FLOOR AREA AND BE OF SUFFICIENT SIZE TO INSCRIBE A CIRCLE WITH A DIAMETER NOT LESS THAN 30"
47. SINKS WILL HAVE WASTE OUTLETS NOT LESS THAN 1 1/2 INCHES IN DIAMETER.
- A STRAINER OR A CROSS BAR SHALL BE PROVIDED IN DRAIN. A STRAINER OR A CROSS BAR SHALL BE PROVIDED AS TO RESTRICT THE CLEAR OPENING OF THE SINK WASTE OUTLET.
48. DOMESTIC FOOD-WASTE GRINDERS WILL BE CONNECTED TO DRAINS NOT LESS THAN 1 1/2 INCHES IN DIAMETER.
49. DISH WASHING MACHINES SHALL DISCHARGE INTO THE DRAINAGE SYSTEM THROUGH AN APPROVED AIR GAP FITTING.
50. THE WATER SUPPLY TO A CLOTHES WASHER SHALL BE PROTECTED AGAINST BACK FLOW BY USE OF AN AIR GAP OR BACK FLOW PREVENTER. THE WASTE FROM THE CLOTHES WASHER WILL DISCHARGE THROUGH AN AIR BREAK.
51. WATER DISTRIBUTION SYSTEM PIPES MAY BE BRASS PIPE, COPPER TUBE (TYPE "M" MIN.) GALVANIZED STEEL PIPE, POLYBUTYLENE (PB) OR CHLORINATED PLASTIC TUBING OR PIPE (PB PIPE WILL BE USED ONLY WHEN WATER TEMPERATURE DOES NOT EXCEED 180° F.)
52. WATER HAMMER. THE FLOW VELOCITY OF THE WATER DISTRIBUTION SYSTEM SHALL BE CONTROLLED TO REDUCE THE POSSIBILITY OF WATER HAMMER. A WATER-HAMMER ARRESTOR SHALL BE INSTALLED WHERE QUICK-CLOSING VALVES ARE UTILIZED, UNLESS OTHERWISE APPROVED. WATER HAMMER ARRESTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. WATER-HAMMER ARRESTORS SHALL CONFORM TO ASS/ANSI 1010.
53. ALL STORAGE WATER HEATER TANKS WILL BE PROTECTED BY THE APPROPRIATE TEMPERATURE AND PRESSURE RELIEF VALVE APPROVED BY ASME, AGA OR LJI. THE RELIEF VALVE PIPE WILL BE METAL.
54. ALL WATER PIPING LOCATED IN CRAWL SPACES OR OTHER LOCATIONS SUBJECT TO FREEZING WILL BE PROTECTED WITH MINIMUM TWO INCHES OF INSULATION.
55. SHOWER CONTROL VALVES, SHOWER AND TUB/SHOWER COMBINATIONS SHALL BE EQUIPPED WITH CONTROL VALVES OF THE PRESSURE BALANCE, THE THERMOSTATIC MIXING OR THE COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING VALVE TYPE WITH HIGH LIMIT STOPS IN ACCORDANCE WITH ASS/ANSI 1016. THE HIGH LIMIT STOPS SHALL BE SET TO LIMIT WATER TEMP. TO A MAXIMUM 120°F(49°C).
56. IN CONCEALED LOCATIONS WHERE PIPING IS INSTALLED THROUGH HOLES OR NOTCHES LESS THAN 1 1/2 INCHES FROM NEAREST EDGE OF MEMBER, THE PIPE SHALL BE PROTECTED BY SHIELD PLATES. THE PLATES (MIN. 1/16" STEEL) SHALL COVER THE AREA OF THE PIPE WHERE THE MEMBER IS NOTCHED OR BORED AND SHALL EXTEND A MINIMUM 2 INCHES ABOVE THE BOTTOM PLATE AND BELOW THE TOP PLATE.
57. THE PUMP SHALL BE ACCESSIBLE ON ALL WHIRLPOOL BATHTUBS.
58. THE VALVE INSIDE THE HOME FOR SILENT SHUTOFF SHALL BE IDENTIFIED WITH A TAG THAT IDENTIFIES THE DEVICE IT SHUTS OFF.
59. ALL TRAPS WITH CONCEALED SLIP JOINT CONNECTIONS SHALL BE PROVIDED WITH A ACCESS PANEL AT LEAST 12 INCHES IN ITS SMALLEST DIMENSION TO PROVIDE ACCESS FOR INSPECTION

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DRAWING:

PLUMBING GENERAL
NOTES

SCALE:

NTS

DRAWN BY:

STEVEN PHILLIPS

DATE:

9-5-10

FLOOR SIZE:

60'x48'

MODEL NUMBER:

EZ-802

PLAN NUMBER:

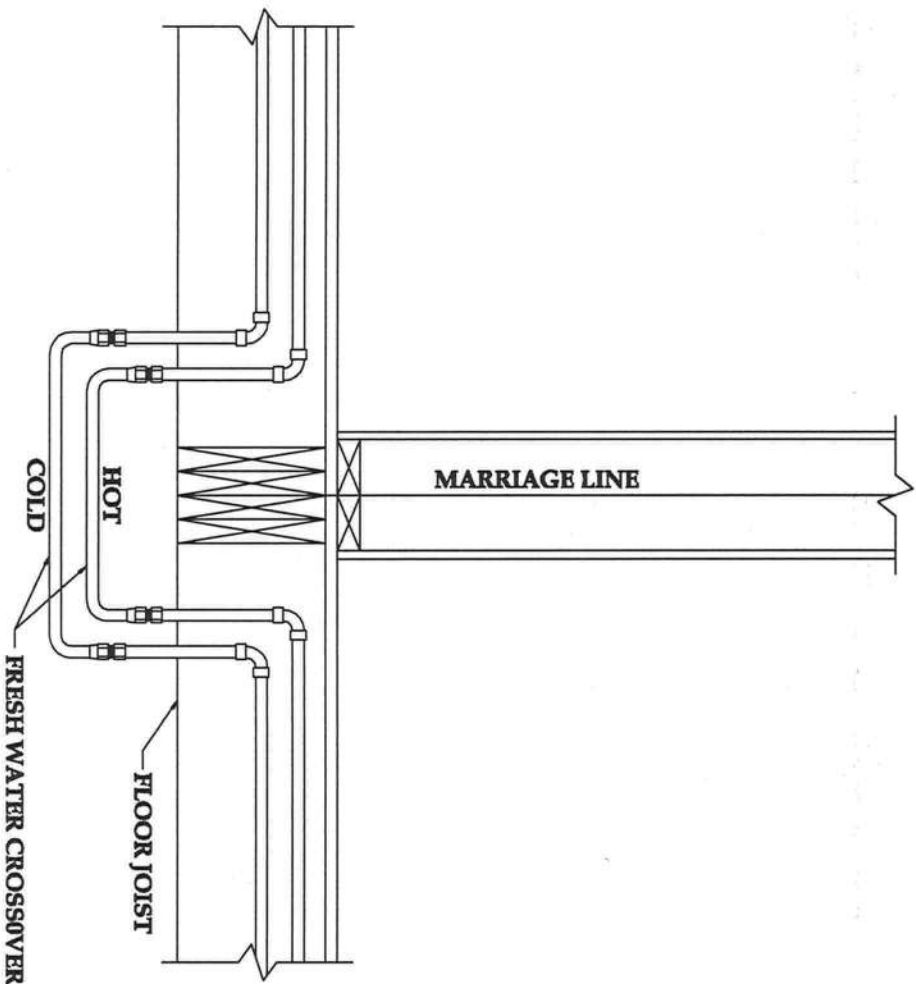
SHEET NO.:

A4C

WATER SUPPLY CONNECTIONS

FRESH WATER CROSSOVER CONNECTION
UNDER FLOOR

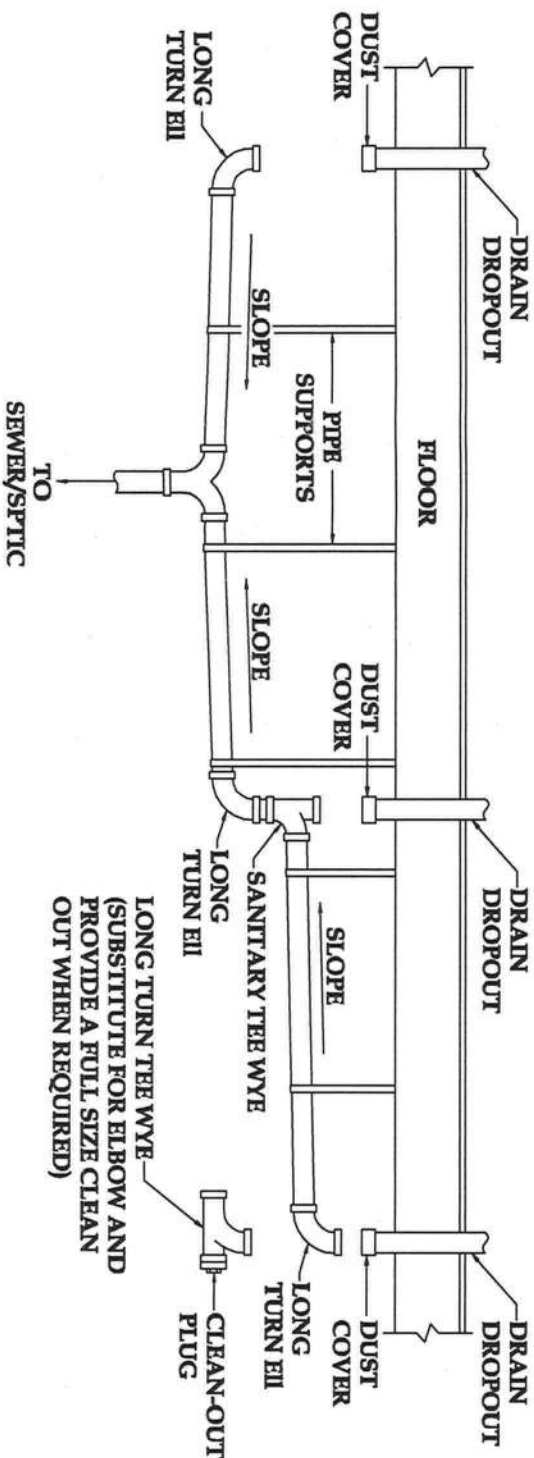
- NOTES:
1. WATER LINES TO BE CAPPED OR PLUGGED WHEN NOT CONNECTED.
 2. CONNECT WATER LINES, HOT TO HOT, COLD TO COLD. HOT WATER LINES ARE COLOR CODED FOR IDENTIFICATION.
 3. TO PROTECT WATER LINES FROM FREEZING, WRAP LINE IN INSULATION (Min. R7) INSULATION. WRAP INSULATION IN PLASTIC OR SIMPLEX TO PROTECT INSULATION.
 4. ALL FIELD CONNECTIONS MUST BE TESTED FOR LEAKS AFTER COMPLETION.



DWV CONNECTIONS

DRAIN, WASTE AND VENT LINE CONNECTIONS

1. REMOVE SHIPPING COVERS FROM PIPES EXTENDING THROUGH THE BOTTOM BOARD; INSPECT PIPES AND FITTINGS AND CLEAN THEM OF DIRT, OBSTRUCTIONS AND BURRS.
2. USING THE DRAIN SCHEMATIC DRAWING PROVIDED WITH THE HOME, BEGIN ASSEMBLING THE DWV SYSTEM STARTING AT THE LOCATION FARTHEST FROM THE SEWER/SEPTIC CONNECTION AND WORKING TOWARDS THE OUTLET, FASTENING THE PIPE WITH CEMENT. AS THE SYSTEM IS ASSEMBLED, SUPPORT THE PIPING WITH TEMPORARY BLOCKING. UNLESS OTHERWISE NOTED ON THE SCHEMATIC DIAGRAM, PROVIDE A MINIMUM 1/4" PER FOOT SLOPE TOWARDS THE SEWER/SEPTIC USING A PLUMBER'S LEVEL. WHERE A SLOPE OF 1/4" PER FOOT CANNOT BE MAINTAINED, USE A MINIMUM SLOPE OF 1/8" PER FOOT AND INSTALL A FULL-SIZED CLEAN-OUT AT THE UPPERMOST POINT OF THE RUN.
3. CONNECT THE MAIN DRAIN LINE TO THE SITE SEWER/SEPTIC HOOKUP.
4. INSTALL PERMANENT DRAIN LINE SUPPORTS AT A DISTANCE OF FOUR FEET O.C. OR LESS.
5. REPLACE ALL INSULATION AND MAKE SURE ALL POTENTIALLY EXPOSED PORTIONS OF THE DWV SYSTEM ARE WELL INSULATED TO PROTECT AGAINST FREEZING.
6. ALL FIELD CONNECTIONS MUST BE TESTED FOR LEAKS AFTER COMPLETION.



DATE:

9-5-10

FLOOR SIZE:

60'x48'

MODEL NUMBER:

EZ-802

PLAN NUMBER:

.

DRAWING:

WATER SUPPLY AND
DWV CONNECTIONS

SCALE:

NTS

DRAWN BY:

STEVEN PHILLIPS

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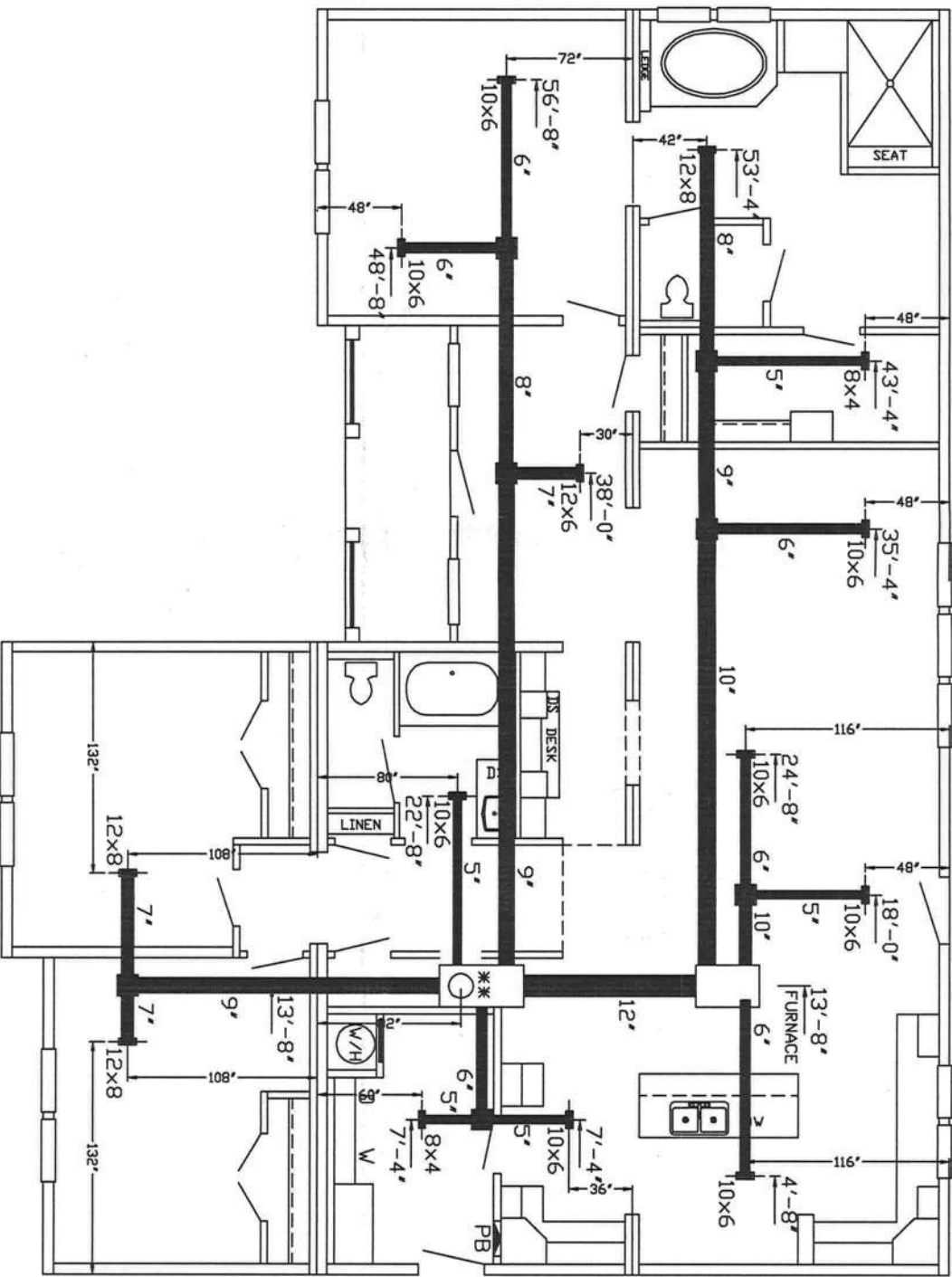
A4d



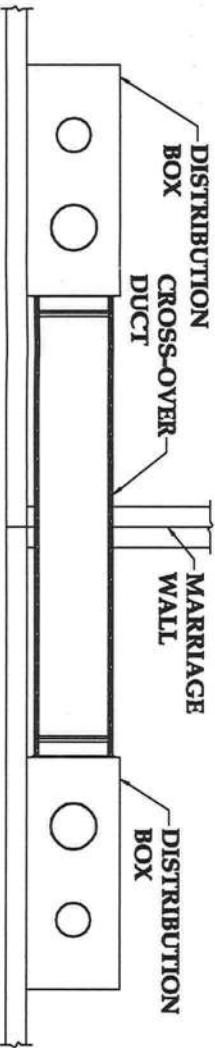
** FURNACE LOCATION

NOTES:

1. ALL APPLIANCES ARE TO BE LISTED.
2. .016 METAL REGISTERS W/ALUM. RISER AND 3/4" FIBERGLASS REGISTER BOX (TYP).
3. ALL FLEX DUCT INSULATED R-8 (TYP).
4. CROSS OVER DUCT 12" FLEX, INSULATED TO R-8 (FIELD INSTALLED)
5. PRIMARY RETURN PROVIDED BY METAL LOUVERED DOOR AT FURNACE.
6. ALL INTERIOR DOORS, EXCEPT CLOSETS AND SECONDARY BATHROOMS WILL HAVE A 24"x4" RETURN AIR GRILL PROVIDED IN THEM. THIS 24"x4" GRILL MANUFACTURED BY CARPATHIAN INDUSTRIES PROVIDES 70 Sq. In. OF FREE AIR WHICH WILL ACCOMMODATE A ROOM AREA UP TO 350 Sq. Ft. ANY ROOM OR COMBINATION OF ROOMS GREATER THAN 350 Sq. Ft. WILL HAVE AN INDICATION OF "RAG" ON THE SUBMITTED FLOOR PLAN INDICATING ADDITIONAL RETURN AIR PROVISIONS SHALL BE PROVIDED.
7. WHEN A FURNACE OR AIR-HANDLER IS INSTALLED IN THE UTILITY ROOM WHICH IS PROVIDED WITH A DOOR, THE UTILITY ROOM DOOR SHALL BE PROVIDED WITH A "RAG" SATISFYING THE RETURN AIR REQUIREMENTS OF THE FURNACE/AIR-HANDLER.
8. DUCT INSULATION: ALL PORTIONS OF THE AIR DISTRIBUTION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION M1601 AND BE INSULATED TO AN INSTALLED R-5 WHEN THE SYSTEM COMPONENTS ARE LOCATED WITHIN THE BUILDING, BUT OUTSIDE THE OF CONDITIONED SPACE, AND R-8 WHEN LOCATED OUTSIDE OF THE BUILDING. WHEN LOCATED WITHIN A BUILDING ENVELOPE ASSEMBLY, AT-LEAST R-8 SHALL BE APPLIED BETWEEN THE DUCT AND THAT PORTION OF THE ASSEMBLY FURTHEST FROM CONDITIONED SPACE.
9. FURNACE TO BE A NORDDYNE, E3EB-020H.
10. PORTIONS OF THE FLOOR PLAN HAVE BEEN REMOVED FOR CLARITY.
11. AIR TO BE PROVIDED BY OTHERS.



CROSS-OVER INSTALLATION



1. ONE SIDE OF THE CROSS-OVER DUCT HAS BEEN INSTALLED/ATTACHED TO A DIFFUSER/DISTRIBUTION BOX AT THE FACTORY. AN ADEQUATE LENGTH OF DUCT WILL BE LOCATED ON THE ATTACHED SIDE TO COMPLETE THE CROSS-OVER PROCESS.
2. ACCESS THE CROSS-OVER LOCATION THROUGH AN ACCESS PANEL IN THE CEILING AND REMOVE ANY TEMPORARY SHIPPING PROTECTION.
3. USING THE PROVIDED FLEXIBLE DUCT, JOIN THE DISTRIBUTION BOXES IN EACH SECTION OF THE HOME AS SHOWN IN THE DETAIL ABOVE, CUTTING OFF ANY EXTRA DUCT LENGTH TO KEEP THE DUCT AS STRAIGHT AS POSSIBLE. THE DUCT MUST BE JOINED WITH THE PROVIDED CONNECTORS.
4. AT EACH CONNECTION POINT BETWEEN DUCTS AND DISTRIBUTION BOXES OR CONNECTORS, SECURE THE INNER LINER WITH A NYLON STRAP, APPLY MASTIC COMPLETELY OVER THE CONNECTION ARE, PULL THE DUCT INSULATION AND OUTER LINER OVER THE CONNECTION AREA AND SECURE THEM WITH A SECOND NYLON STRAP.
5. REINSTALL AND SECURE THE ACCESS PANEL.

DATE:	9-5-10
FLOOR SIZE:	60'x48'
MODEL NUMBER:	EZ-802
PLAN NUMBER:	.

DRAWING:	HVAC LAYOUT
SCALE:	1/8" = 1'-0"
DRAWN BY:	STEVEN PHILLIPS

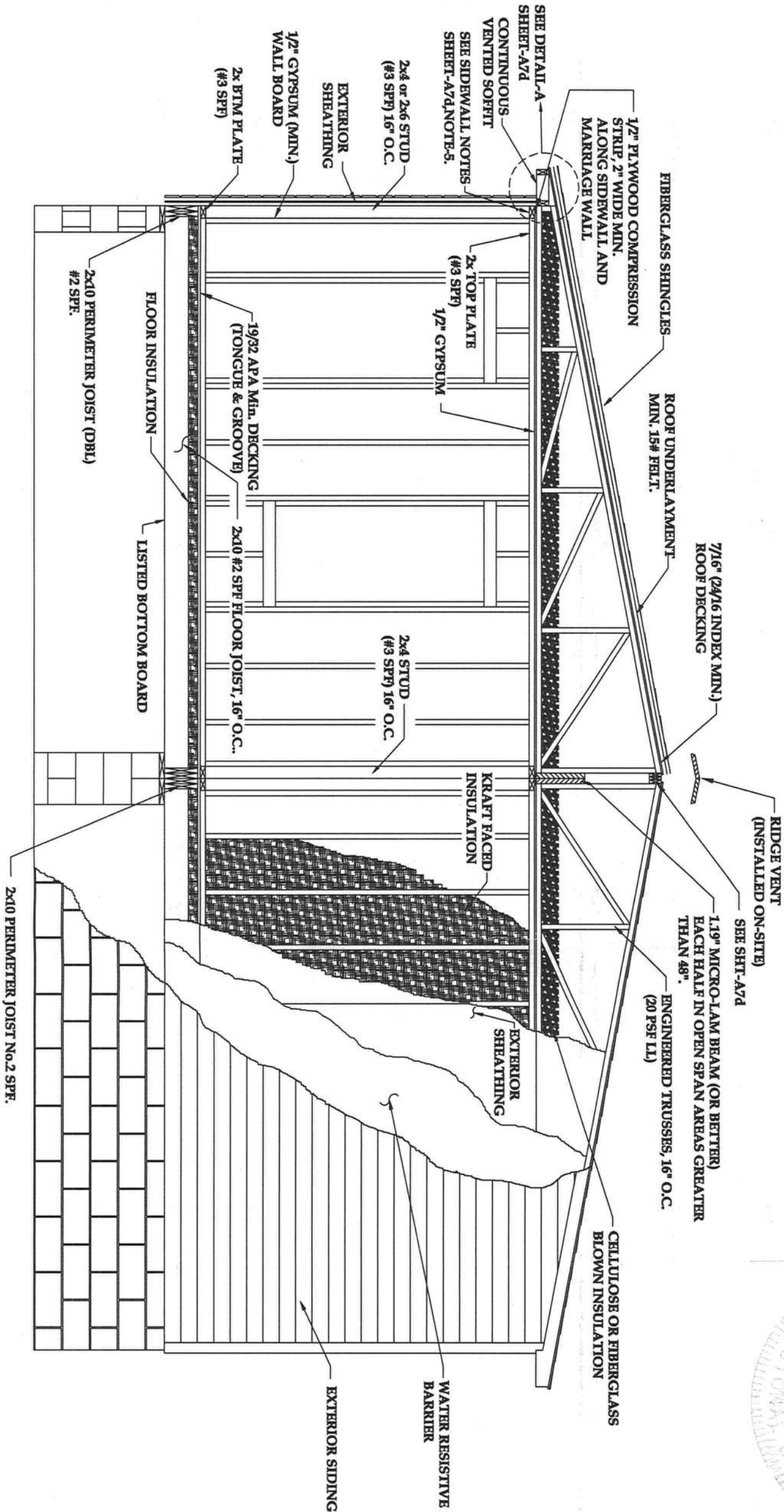
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SHEET NO.:

A5

NOTE: 1. MUST MAINTAIN 1" AIR GAP AT
HEEL OF TRUSS FOR PASSIVE
VENTILATION.
2. REFERENCE SHT. A7d FOR
CROSS SECTION GENERAL NOTES.
3. TRUSS SPACING: 16" O.C.



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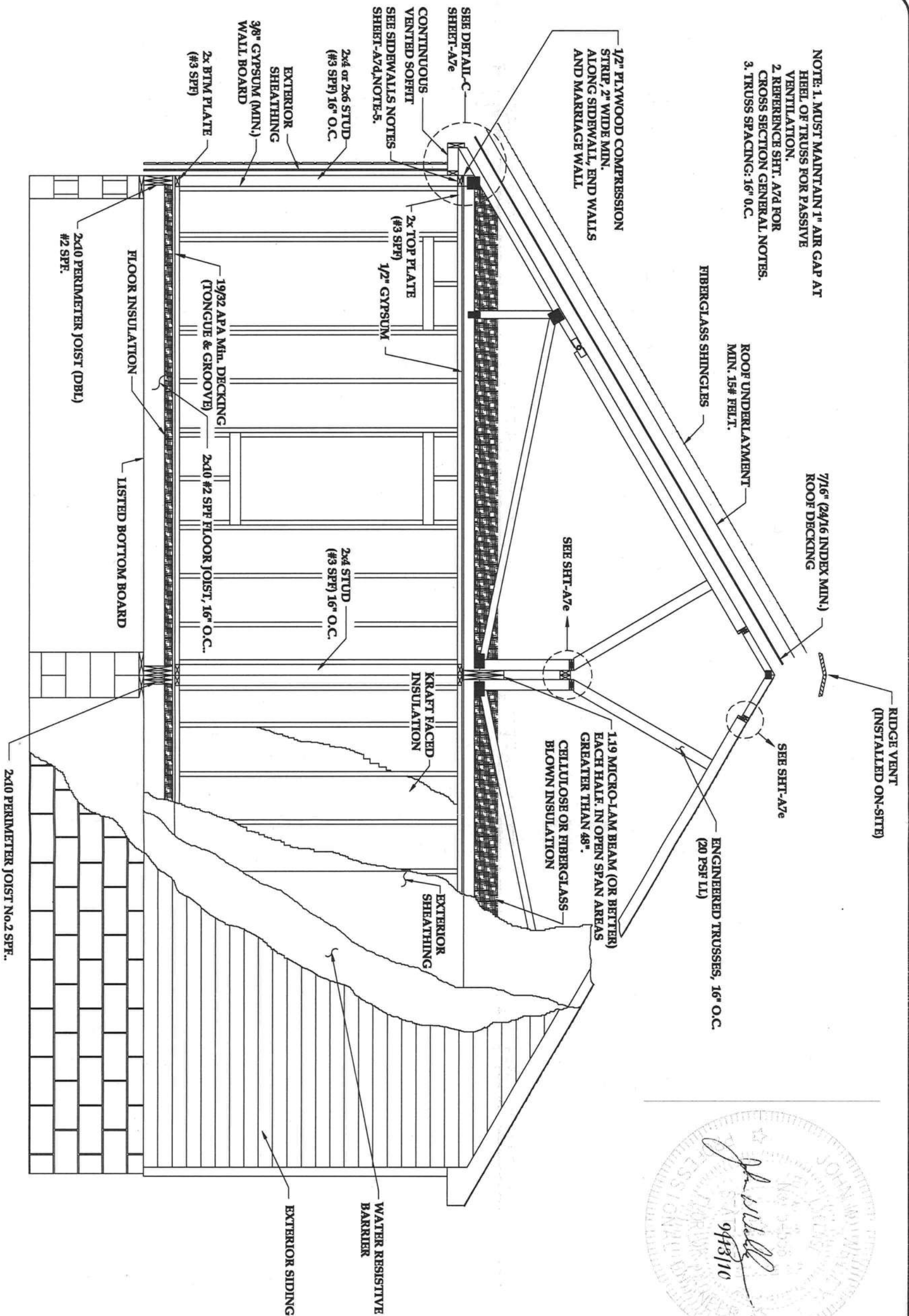
DRAWING:
OFF-FRAME
CROSS SECTION
SCALE:
NTS
DRAWN BY:
STEVEN PHILLIPS

DATE:
9-5-10
FLOOR SIZE:
60'x48'
MODEL NUMBER:
EZ-802
PLAN NUMBER:
.

YOUR LIFE
YOUR HOME
YOUR STYLE

SHEET NO.:

A7



YOUR LIFE
YOUR HOME
 YOUR STYLE

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DRAWING:
OFF-FRAME
CROSS SECTION

SCALE:
 NTS
DRAWN BY:
 STEVEN PHILLIPS

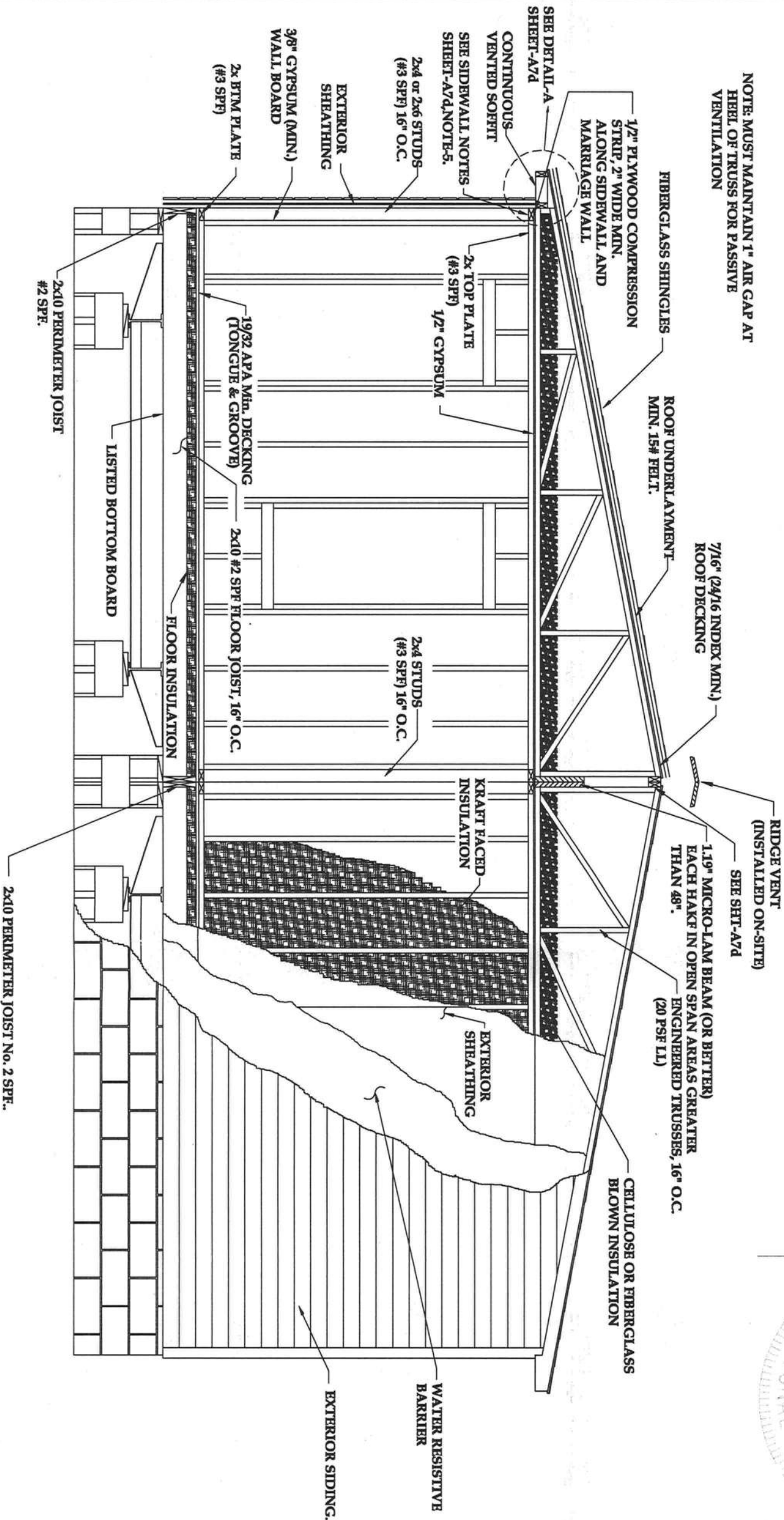
DATE:
 9-5-10
FLOOR SIZE:
 60'x48'
MODEL NUMBER:
 EZ-802
PLAN NUMBER:
 .

SHEET NO.:

A7a

NOTE: 1. MUST MAINTAIN 1" AIR GAP AT
HEEL OF TRUSS FOR PASSIVE
VENTILATION.
2. REFERENCE SHT. A7d FOR
CROSS SECTION GENERAL NOTES.
3. TRUSS SPACING: 16" O.C.

NOTE: MUST MAINTAIN 1" AIR GAP AT
HEEL OF TRUSS FOR PASSIVE
VENTILATION



ENERGY HOMES

a division of SEHomes, Inc.

18025 COUNTY ROAD 41
P.O. BOX 269
ADDISON, AL 35540
PHONE: (256) 747-1544
FAX: (256) 255-3358

YOUR LIFE
YOUR HOME
YOUR STYLE

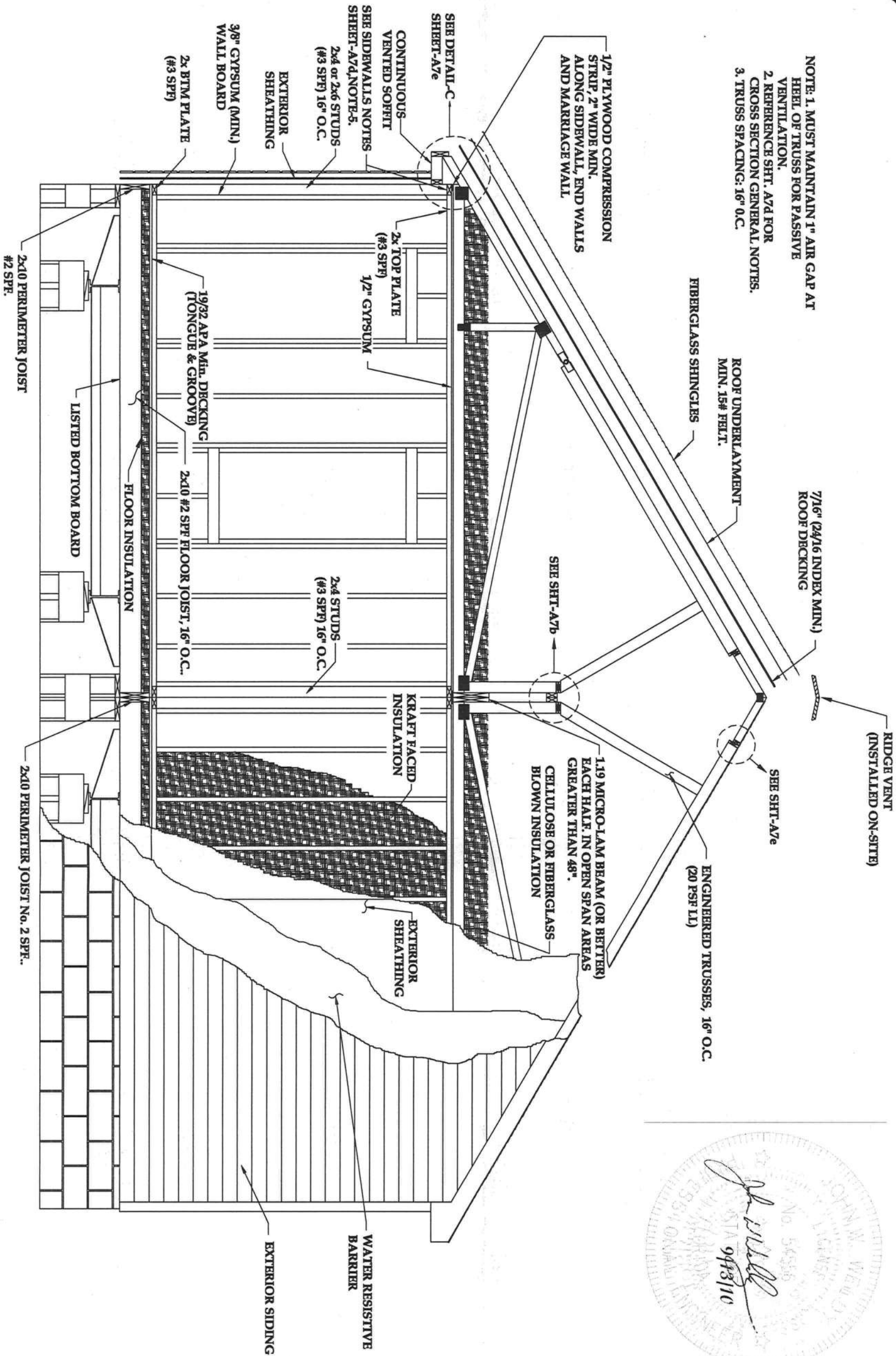
SHEET NO.:

A7b

DRAWING:
ON-FRAME
CROSS SECTION

SCALE:
NTS
DRAWN BY:
STEVEN PHILLIPS

DATE:
9-5-10
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A7C	SHEET NO.:	<div><div>YOUR LIFE</div><div>YOUR HOME</div><div>YOUR STYLE</div></div>	ENERGY HOMES a division of SEhomes, Inc. 18025 COUNTY ROAD 41 P.O. BOX 269 ADDISON, AL 35540 PHONE:(256)747-1544 FAX:(256)255-3358	DRAWING:	DATE:
				ON-FRAME CROSS SECTION	9-5-10
				SCALE:	FLOOR SIZE:
				NTS	60'x48'
				DRAWN BY:	MODEL NUMBER:
				STEVEN PHILLIPS	EZ-802
					PLAN NUMBER:

GENERAL NOTES

- 1. EXTERIOR SIDING WILL COMPLY WITH ASTM D3679 AND IS LIMITED TO TYPE V CONSTRUCTION.
- 2. TRUSSES/RAFTERS TO BE ENGINEERED FOR THE LISTED LOADS AND APPLICATIONS USED.
- 3. INTERIOR PARTITIONS TO BE CONSTRUCTED TO WITHSTAND "5" PSF HORIZONTAL LOAD.
- 4. ALL LUMBER TO BE GRADED AND MARKED.
- 5. WOOD TO WOOD CONTACT TO OCCUR AT ALL ROOF TO BEARING WALL LOCATIONS. COMPRESSION STRIP MUST BE 1/2 THE WALL PLATE WIDTH, FOR 2x4 WALL 1 3/4" MIN., FOR 2x6 WALL 2 3/4" MIN.
- 6. DADO AND NOTCHING ARE NOT TO OCCUR IN THE CENTER 1/3 OF THE LENGTH OF THE WALL STUDS.
- 7. ALL PLYWOOD USED FOR STRUCTURAL APPLICATIONS WILL COMPLY WITH PRODUCT STANDARD PS1.
- 8. ALL LUMBER AND PLYWOOD TWO (2) INCHES AND LESS IN THICKNESS WILL HAVE A MOISTURE CONTENT NOT EXCEEDING 19%.
- 9. RIM JOIST AND ANY BLOCKING TO BE #2 SPF EQUAL OR BETTER, SAME SIZE AND GRADE AS FLOOR JOIST, UNLESS NOTED OTHERWISE.
- 10. ONE (1) JOIST IN A GIVEN LOCATION MAY BE MOVED UP TO (3) INCHES MAX. FOR OBSTRUCTIONS (I.E. PLUMBING DROPS, HEAT REGISTERS AND PLENUM DROPS.
- 11. 2x10 FLOOR SYSTEMS DO NOT REQUIRE BLOCKING OR BRIDGING. FRONT AND REAR JOIST ARE STABILIZED BY THE DECKING.
- 12. HOLES BORED IN THE JOIST SHALL HAVE A DIAMETER NOT EXCEEDING 1/3 OF THE DEPTH AND CANNOT BE WITHIN (2) INCHES OF THE TOP OR BOTTOM EDGE.
- 13. NOTCHES IN THE JOIST SHALL NOT EXCEED 1/6 OF THE DEPTH OF THE JOIST AND THE WIDTH OF THE NOTCH CANNOT EXCEED 1/3 OF THE DEPTH OF THE JOIST. NOTCHES SHALL NOT OCCUR IN THE CENTER 1/3 OF THE JOIST.
- 14. KRAFT FACED INSULATION STAPLED TO WIDE FACE OF THE STUD WITH STAPLES ALONG EACH SIDE OF BATT, WITH VAPOR BARRIER TO BE VINYL COVERING ON THE GYPSUM OR A PAINT RATED AT LESS THAN 1 PERM, ON FINISHED SHEETROCK.
- 15. INTERIOR FINISH:
 - a) 3/8" GYPSUM: FASTEN WITH 13ga, 1 3/8" LONG, 19/64" HEAD; 0.0988Ø, 1 1/4" LONG, ANNULAR-RINGED, OR 4d COOLER NAIL, 0.080"Ø, 1 3/8" LONG, 7/32" HEAD.
 - b) 1/2" GYPSUM: FASTEN WITH 13ga, 1 3/8" LONG, 19/64" HEAD; 0.0988Ø, 1 1/4" LONG, ANNULAR-RINGED, OR 5d COOLER NAIL, 0.086"Ø, 1 5/8" LONG, 15/64" HEAD, OR GYPSUM BOARD NAIL, 0.086"Ø, 1 5/8" LONG, 9/32" HEAD.
 - c) SPACING WITHOUT ADHESIVE, SCREWS: 16" O.C., NAIL: 8" O.C. WITH ADHESIVE, SCREW: 24" O.C., NAILS: 16" O.C.
- 16. WALL BRACING (SHEATHING): 3/8" STRUCTURALLY RATED SHEATHING FASTENED WITH 7/16"x1 3/8", 6" O.C. ALONG EDGES AND IN THE FIELD.
- 17. 3"x6"x.036" GALV. STEEL PLATE WITH (6) 8d NAILS AT EACH WALL SEGMENT. REF:EW-10.0 NOTE-9 OF THE O.C. MANUAL.

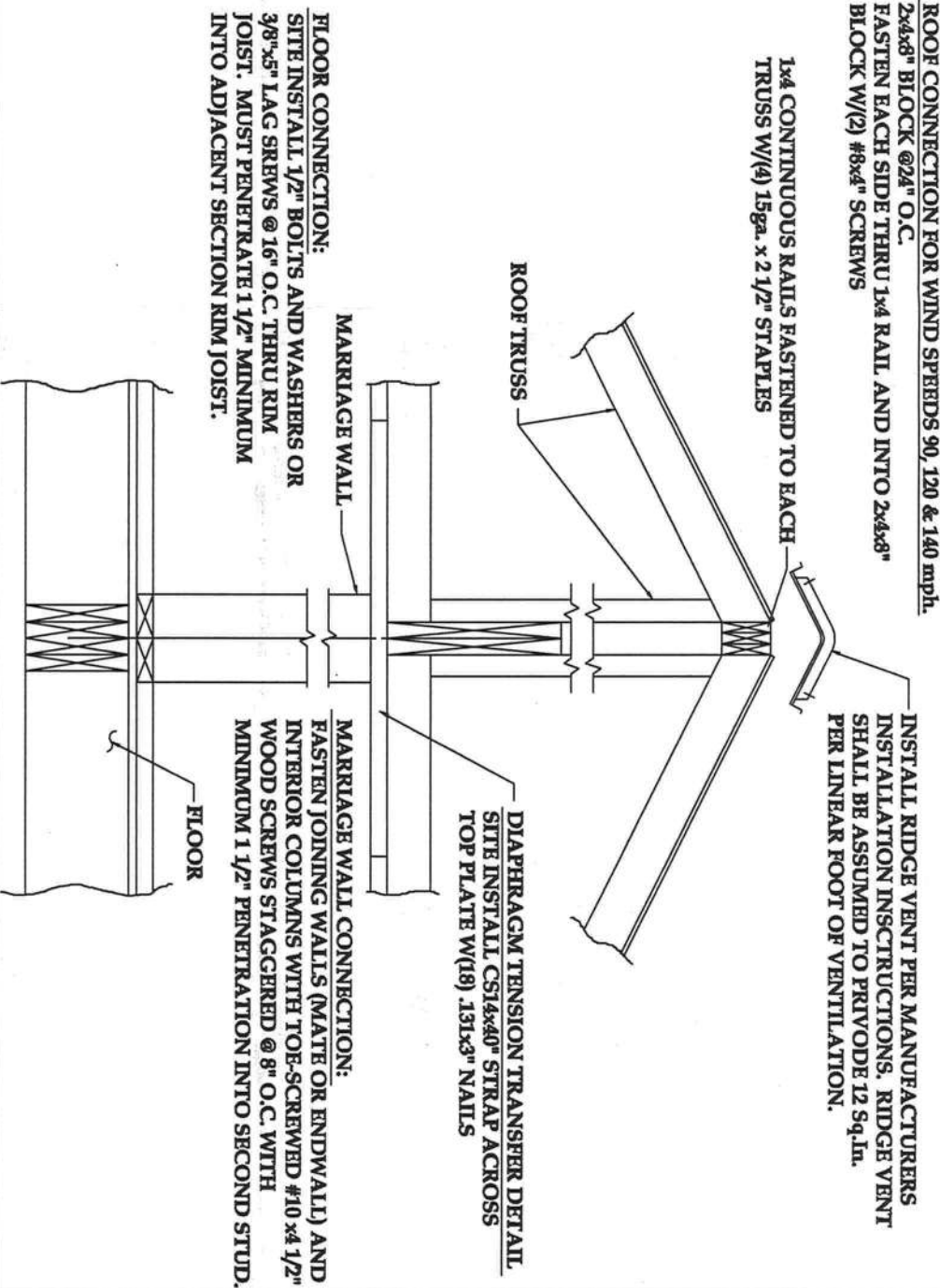
SIDE WALLS:

120 M.P.H. EXPOSURE-C:

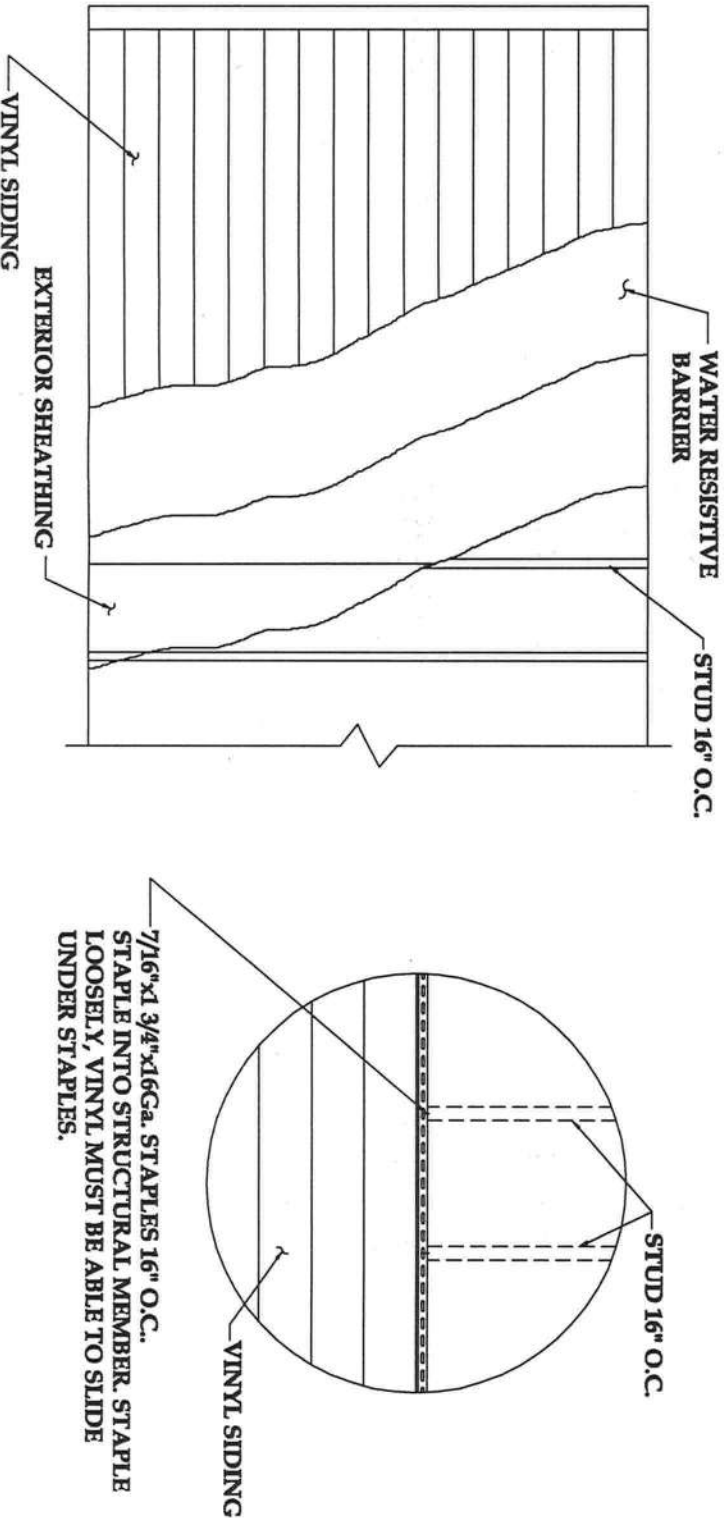
- 96"-SIDEWALLS:
 - 2x4 #3 SPF STUDS, 16" O.C.
- 108"-SIDEWALLS:
 - 2x4 #2 SPF STUDS, 16" O.C.



HOME INTERCONNECTIONS



VINYL SIDING INSTALLATION



DATE:	9-5-10
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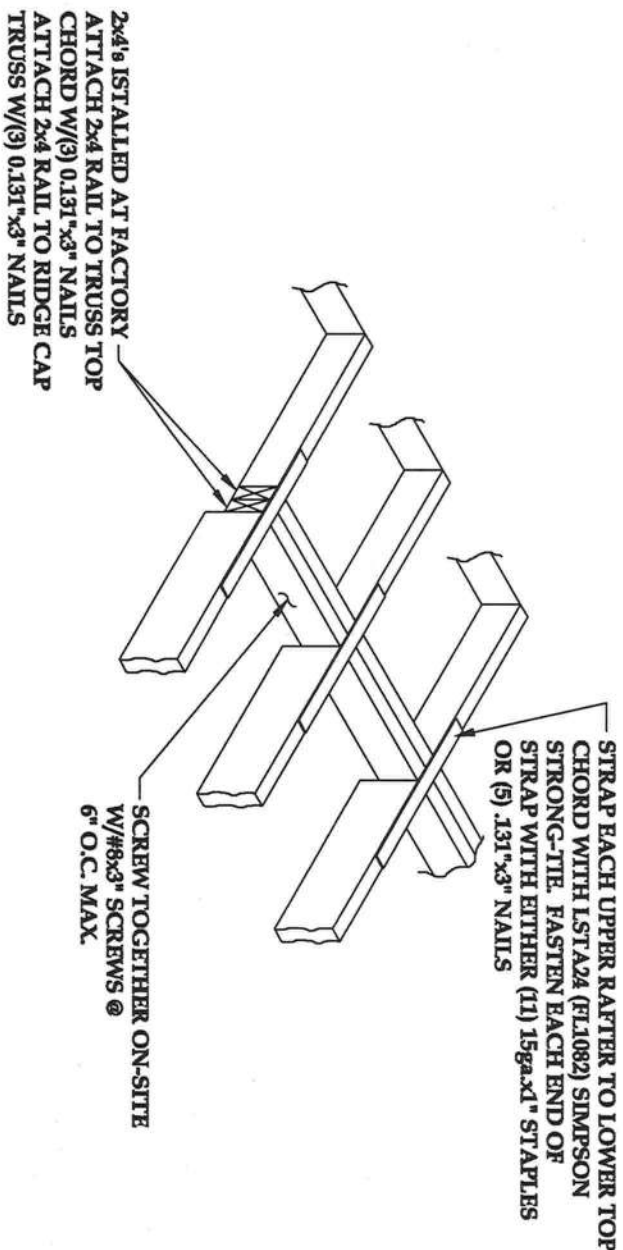
DRAWING:	CROSS SECTION GENERAL NOTES.
SCALE:	NTS
DRAWN BY:	STEVEN PHILLIPS

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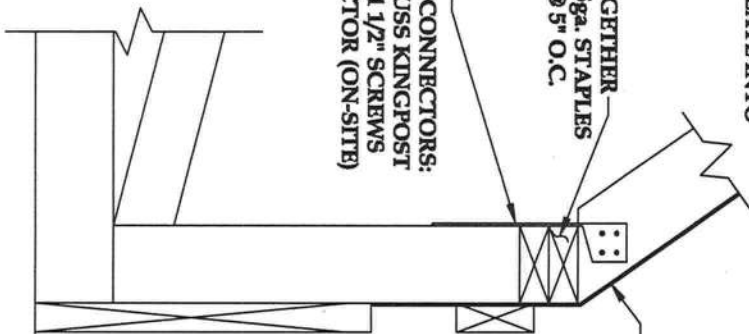
DETAIL-A

2x4 PLATE FACTORY INSTALLED TO EACH SECTION OF THE KINGPOST W/ (3) .131 x 3" NAILS TO ENAILLED THROUGH KINGPOST INTO 2x4 PLATE (2) ON ONE SIDE, (1) ON THE OTHER OR (6) 15ga x 1/2" STAPLES THROUGH 2x4 PLATE INTO KING POST OR (3) .131 x 3" NAILS THROUGH 2x4 PLATE INTO KINGPOST.

2x4 PLATES CONNECTED TOGETHER ON-SITE WITH: 7/16 x 2 1/2 x 15ga STAPLES @ 4" O.C. OR .131 x 3" NAILS @ 5" O.C.

ALTERNATE CONNECTION: RST-3 SIMPSON STRONG-TIE CONNECTORS: ONE EACH SIDE AT EACH TRUSS KINGPOST LOCATION. FASTEN W/ (4) #8 x 1 1/2" SCREWS EACH END OF EACH CONNECTOR (ON-SITE)

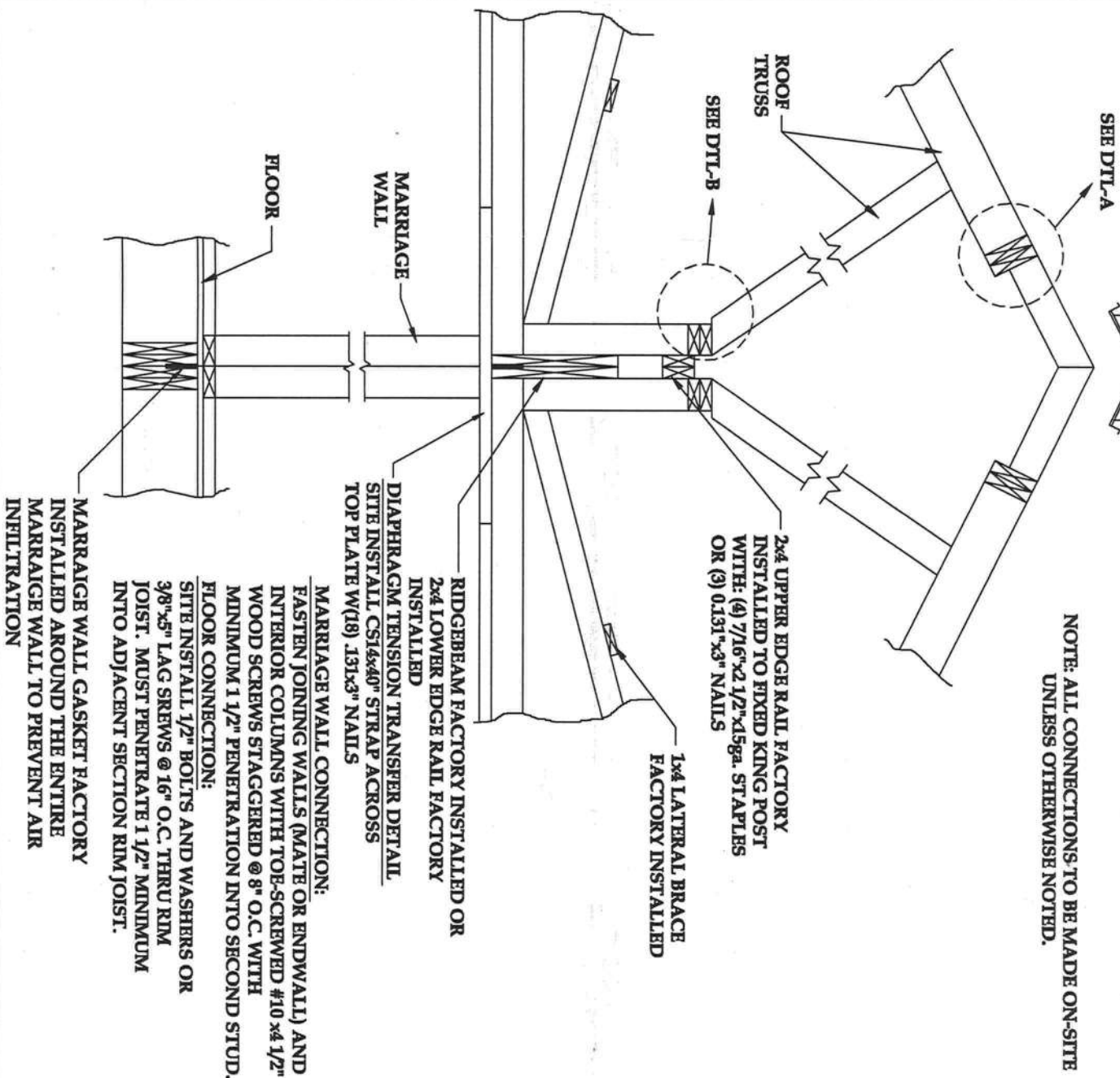
STRAPPING REQ'D ON-SITE: LST-24 (FL1082) SIMPSON STRONG-TIE FASTENED ON-SITE W/ (7) 7/16 x 1 x 15ga STAPLES TO EACH HINGED KING POST. STRAPPING FACTORY INSTALLED: LST-24 (FL1082) SIMPSON STRONG-TIE FASTENED W/ (7) 7/16 x 1 x 15ga STAPLES TO EACH LOWER HINGED KING POST.



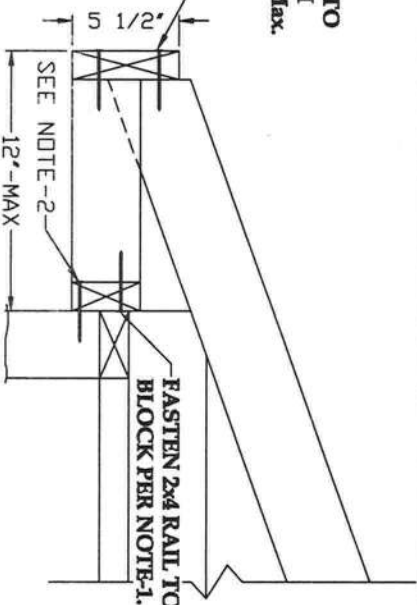
DETAIL-B

INSTALL RIDGE VENT PER MANUFACTURERS INSTALLATION INSTRUCTIONS. RIDGE VENT SHALL BE ASSUMED TO PROVIDE 12 Sq.ft. PER LINEAR FOOT OF VENTILATION.

NOTE: ALL CONNECTIONS TO BE MADE ON-SITE UNLESS OTHERWISE NOTED.



NOTES:
1. EITHER (2) 15ga x 2 1/2" STAPLES OR (2) .131 x 3" NAILS PER CONNECTION
2. FASTEN SIDEWALL OVERHANG RAIL TO TRUSS TOP OR SIDEWALL STUDS WITH EITHER 15ga x 2 1/2" STAPLES @ 12" O.C. MAX. OR .131 x 3" NAILS @ 20" O.C. MAX.
FASTEN FASCIA TO TOP CHORD AND BOTTOM BLOCKS PER NOTE-2.



DETAIL-C

DATE:	9-5-10
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DRAWING:	HINGE ROOF HOME INTERCONNECTIONS
SCALE:	NTS
DRAWN BY:	STEVEN PHILLIPS

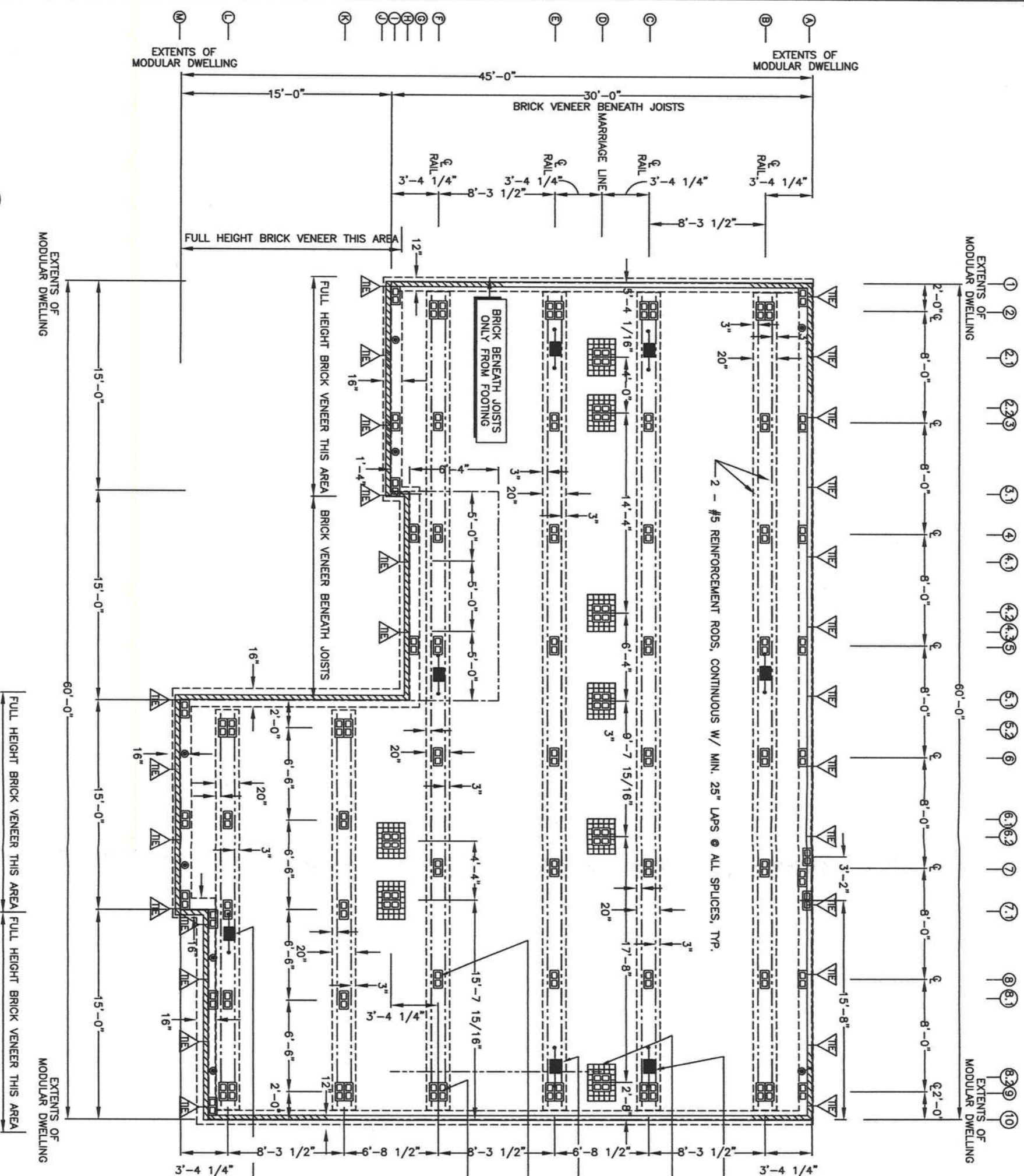
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YOUR HOME
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SHEET NO.:

A7e

SCALE NOTE:
PLAN VIEW: 1/8"=1'-0"



NOTE:
THE PRESCRIPTIVE REQUIREMENTS DETAILED AND NOTED ON THESE PLANS ARE SPECIFIC TO THE CONDITIONS FOR THIS SITE AND APPLICATION. USE OF THE REQUIREMENTS INDICATED IN THESE PLANS FOR ALTERNATIVE CONDITIONS OR SITES WILL NOT PROVIDE COMPLIANCE W/ SECTION 1600 OF THE 2007 FLORIDA BUILDING CODE.
USE OF THESE PLANS WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER IS A VIOLATION OF THE U.S. COPYRIGHT LAWS AND IS SUBJECT TO CRIMINAL AND CIVIL PROSECUTION.

CERTIFICATION:

THIS FOUNDATION PLAN FOR THE MODEL EZ 802 ENERGY HOME COMPLIES WITH SECTION 1600 OF THE 2007/2009 SUPPLEMENT FLORIDA BUILDING CODE, 110 MPH WIND LOAD, 3 SECOND GUST, EXPOSURE B, WITH THE INTERNAL PRESSURE OF + 0.18 AND - 0.18 INCLUDED IN THESE LOADS. THIS DESIGN IS FOR THE FOOTINGS, COLUMNS AND CONNECTIONS. HOME IS NOT A PART.

Curtis E. Keen
10/6/10

