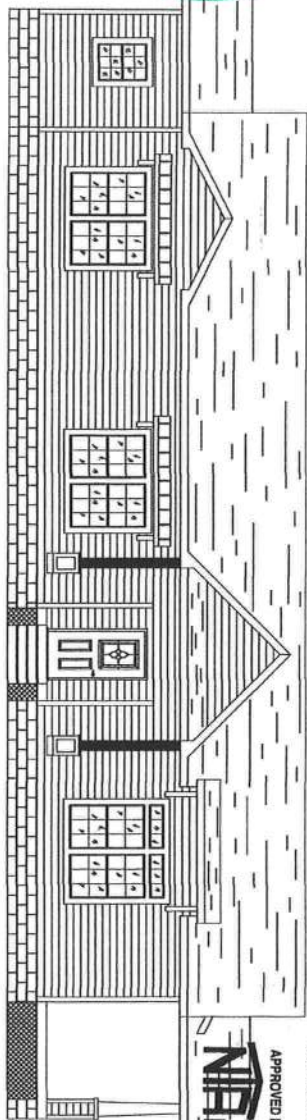


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everything else needs
Scanned



These printed comply with the
Florida Manufactured Building
Act and related Codes and
Ordinances in the following manner:

Code Title	Occurrence	Address No.	Code Title	Occurrence	Address No.
Wind Velocity	130 MPH - Ultimate		Wind Velocity	130 MPH - Ultimate	
Wind Velocity	90 MPH - Ultimate		Wind Velocity	90 MPH - Ultimate	
Wind Velocity	70 MPH - Ultimate		Wind Velocity	70 MPH - Ultimate	
Wind Velocity	50 MPH - Ultimate		Wind Velocity	50 MPH - Ultimate	
Wind Velocity	30 MPH - Ultimate		Wind Velocity	30 MPH - Ultimate	
Wind Velocity	15 MPH - Ultimate		Wind Velocity	15 MPH - Ultimate	
Wind Velocity	10 MPH - Ultimate		Wind Velocity	10 MPH - Ultimate	
Wind Velocity	5 MPH - Ultimate		Wind Velocity	5 MPH - Ultimate	
Wind Velocity	0 MPH - Ultimate		Wind Velocity	0 MPH - Ultimate	

Approved By: **MTF INC.**
Date: **8-3-2012**
Cert. No. **SWP-27**
Plan Number **MTF-2530-EZ-476-1**

FRONT OF HOME

NOTE:
EXTERIOR SLOPE IN PORCH AREA TO BE INSTALLED
ON-SITE BY OTHERS.

DATE **8-3-2012** CERT. NO. **SWP-27**
PLAN NUMBER **MTF-2530-EZ-476-1**
APPROVED BY **WILLIAM TEEBELL**
William Teebelle
Professional Engineer
No. 149712
State of Florida

NOTES:
1. THESE PLANS COMPLY WITH RULE 9N-3 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.
7. THE REQUIRED ADDRESS NUMBERS ARE PROVIDED AND INSTALLED
ON SITE BY OTHERS.

NOTE: CONTRACTOR TO VERIFY ALL
DIMENSIONS BEFORE STARTING
CONSTRUCTION.

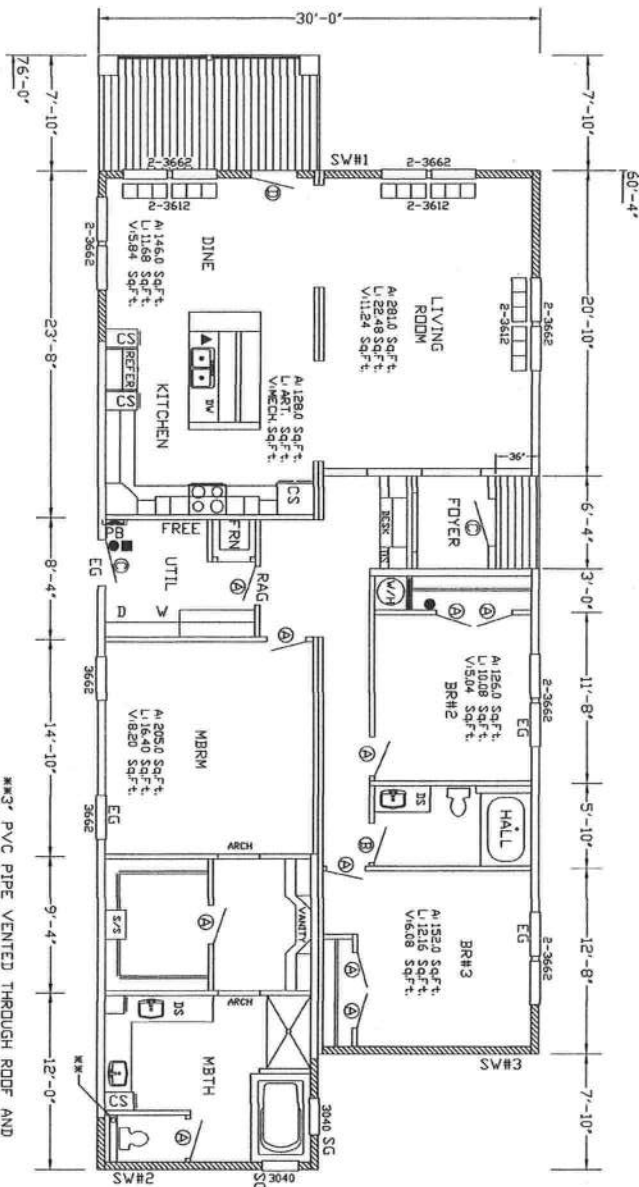
FLORIDA

DESIGN CODES		DESIGN INFORMATION	
A0	COVER SHEET & DESIGN CODES	FLOOR: 40 PSF LIVE LOAD	SEISMIC PERFORMANCE:
A1	FLOORPLAN	ROOF: 20 PSF LIVE LOAD	CATEGORY-C
A2	ELEVATIONS (FRONT & REAR)	ROOF PITCH: 6:12	BUILDING AREA: 1,928 Sq.Ft.
A2a	ELEVATIONS (LEFT & RIGHT)	SIDEWALL HEIGHT: 108"	TOTAL DOOR AREA: 64.92 Sq.Ft.
A3	ELECTRICAL PLAN	CONSTRUCTION TYPE: VB	TOTAL WINDOW AREA: 254.90 Sq.Ft.
A3a	ELECTRICAL GENERAL NOTES	OCCUPANCY USE GROUP:	
A4	PLUMBING, DRAIN LINES	SINGLE FAMILY	
A4a	PLUMBING: SUPPLY LINES (COLD)	DESIGN WIND SPEED: 100 MPH	
A4b	PLUMBING: SUPPLY LINES (HOT)	ULTIMATE WIND SPEED: 126 MPH	
A4c	PLUMBING GENERAL NOTES	EXPOSURE-C	
A4d	WATER SUPPLY AND DWV CONNECTIONS	BUILDING LOCATION: FLORIDA	
A5	HVAC LAYOUT	NUMBER OF STORIES: ONE (1)	
A6	ON-FRAME PIER-SET FOUNDATION LAYOUT		
A6a	ON-FRAME CRAWL SPACE FOUNDATION LAYOUT		
A6b	OFF FRAME FOUNDATION LAYOUT		
A7	OPEN		
A7a	CROSS SECTION OFF FRAME (HINGED ROOF)		
A7b	CROSS SECTION ON FRAME (HINGED ROOF)		
A7c	CROSS SECTION GENERAL NOTES		
A7d	CROSS SECTION GENERAL NOTES		
A7e	OPEN		
A7f	6:12 HINGED ROOF HOME INTERCONNECTIONS		
A7g	OPEN		
A7h	OPEN		
A8	OPEN		
ATTACHMENTS			
HVAC CALCULATIONS			
ELECTRICAL LOAD CALCULATIONS			
TRUSS CALCULATIONS			
FLORIDA PRODUCT APPROVAL LIST			
FLORIDA ENERGY EFFICIENCY CODE FOR			
BUILDING CONSTRUCTION			
MICROLAM RIDGE BEAM & CLAC's			
DORMER DETAILS			
ALTERNATE EYEBROW CONTRUCTION			

SHEET NO.: A0	YOUR LIFE YOUR HOME YOUR STYLE	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: COVER SHEET	DATE: 7-10-12
			SCALE: NTS	FLOOR SIZE: 76'x30'
			DRAWN BY: STEVEN PHILLIPS	MODEL NUMBER: MTF-2530-EZ-476-1
				PLAN NUMBER:



- | | | | | |
|--|-------------|------------|-------------|-----|
| <p>1. ALL WINDOWS TO BE THERMOPORES,
 2. AITIC ACCESS OPENING 22'-30" 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-864.</p> <p>4. ALL EXHAUST FROD 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 IS LESS THAN
 24" ABOVE FINISHED FLOOR AND 72" OR GREATER ABOVE THE EXTERIOR
 GRADE, A WINDOW GAURD MUST BE INSTALLED THAT COMPLIES WITH
 ASTM F2006 OR F2090.</p> <p>6. THESE PLANS MAY BE FLIPPED END TO END, FRONT TO BACK OR
 ROTATED 180°.</p> <p>7. NO FUEL BURNING APPLIANCES INSTALLED IN BUILDING.</p> | | | | |
| CATEGORY-C | MIN. LENGTH | CATEGORY-C | MIN. LENGTH | |
| 100 MPH | SIDE | END | SIDE | END |
| SW#1: 631 PLE | 32' | 87' | SW#1E: PLE | |
| SW#2: 489 PLE | 42' | 75' | SW#2E: PLE | |
| SW#3: 489 PLE | 42' | 126' | SW#3E: PLE | |
| SW#4: N/A PLE | N/A | N/A | SW#4E: PLE | |
| PLE CONSTRUCTION PER SW-31.3, K.EE22 [119], SW-31.3, K.EE22 [119]-1, | | | | |



3' PVC PIPE VENTED THROUGH ROOF AND
TERMINATED BELOW FLOOR JOIST FOR
PASSIVE RADON CONTROL PER APPENDIX-F

WINDOW SCHEDULE											
SIZE	QUAN.	DESCRIPTION	ROUGH OPENING			EGRESS			LoE ²		
			HEIGHT	WIDTH	VENT	HEIGHT	WIDTH	U ²	SHGC	VT	
3612	6	FIXED TRANSOM (THERMO)	12 1/4"	36 1/4"	N/A	N/A	N/A	N/A	.37	.28	.51
3040	2	VERTICAL SLIDER W/UNTUS (THERMO)	40 1/4"	30 1/4"	N/A	N/A	N/A	N/A	.37	.28	.51
3662	14	VERTICAL SLIDER W/UNTUS (THERMO)	62 1/4"	36 1/2"	12.08	6.04	26 3/4"	31 1/2"	.37	.28	.51
DOOR SCHEDULE											
SYM	SIZE	QUAN.	DESCRIPTION	ROUGH OPENING			EGRESS			SHGC	
				HEIGHT	WIDTH	VENT	SO. FT.	SO. FT.	U ² VALUE		
(A)	2066(36")	7	INTERIOR 6-PANEL DOOR	82"	32"	N/A	N/A	N/A	N/A	N/A	
(B)	3046(36")	1	INTERIOR 6-PANEL DOOR	82"	36"	N/A	N/A	N/A	N/A	N/A	
(C)	3046(36")	2	EXTERIOR 1/2-GLASS	82"	36"	N/A	N/A	N/A	18.0	.28	
(D)	3046(36")	1	EXTERIOR FULL-GLASS	82"	36"	N/A	N/A	N/A	18.0	.37	

These points (ply with the
Foods Administration Building
Act and approved C-200 and
advice is the following details:

APPROVED BY

NFI INC.

Cost: Type:	VA
Occupancy:	R-3
Address No.:	
of Project:	ONE (1)
Ward Number:	120 MPH - Laramie
Firm Rating:	
ED: White:	D.P.
Plan No.:	ME7-2000-EE-478-1
Allow Road Lane:	At Right
Approval Date:	7/16/2002
Manufacturer:	Southern Erection, Inc.

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

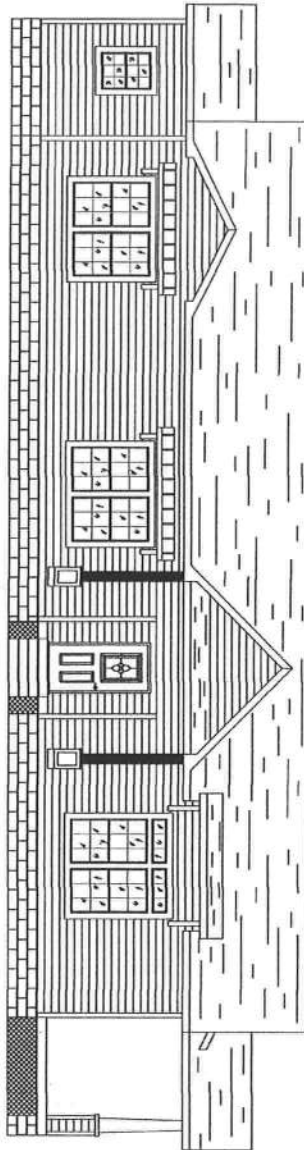
SCALE:
1/8" = 1'-0"
DRAWN BY:
STEVEN PHILLIPS

DATE:	7-10-12
FLOOR SIZE:	76'x30'
MODEL NUMBER:	MTF-2530-EZ-476-1
PLAN NUMBER:	

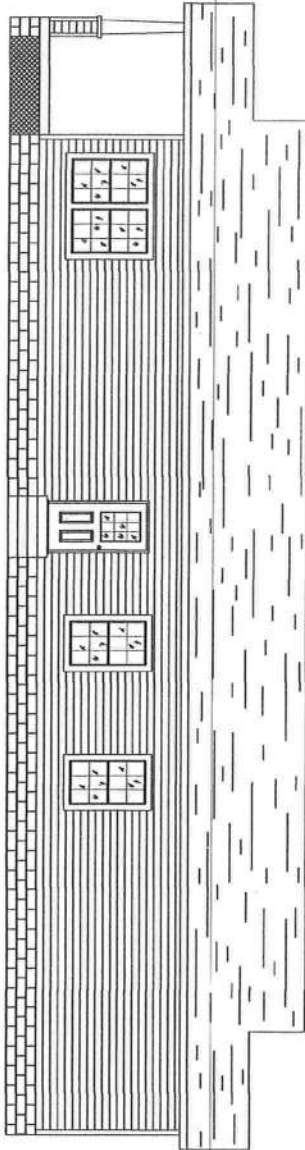
SHEET NO.:

AT

YOUR LIFE
YOUR HOME
YOUR STYLE



FRONT ELEVATION



REAR ELEVATION

These prints comply with the Florida Manufactured Building Act and adopted Codes and adhere to the following statute:

APPROVED BY
NIA INC.

Cond. Type: V8 - Unsprung
Occupancy: R-3
Abandonment No.: 128 MPH - Ultimate
Wind Velocity: 128 MPH - Ultimate
Fire Rating of: 0 hr
Ex. Wall: MFT-2530-EZ-476-1
Roof: 40 PSF
Approx. Floor Load: 7118000.2
Manufacture: Southern Energy Homes, Inc.

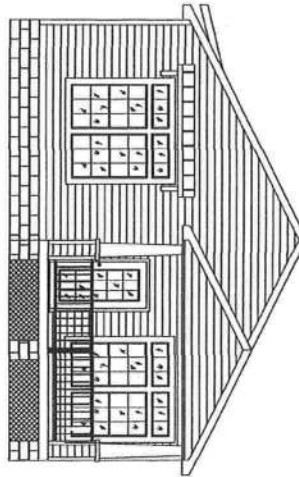
- ATTIC VENTILATION REQUIREMENTS:
1. NOT LESS THAN 1 TO 150.
 2. VENTILATION REQUIRED: 1850.54 Sq. In.
 3. TYPE OF VENTILATION PROVIDED:
ROOF: CONTINUOUS VENTED RIDGE CAP (11.46 Sq. In./L.F.)
EAVES: CONTINUOUS VENTED VINYL SOFFIT (14.34 Sq. In./L.F.)
 4. VENTILATION PROVIDED:
ROOF: (44.0 L.F.) 504.24 Sq. In.
EAVES: 1950.24 Sq. In.



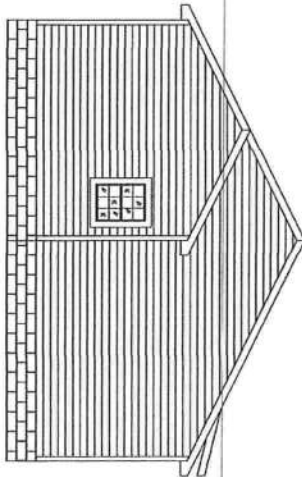
ATTIC VENTILATION:
VENTILATION REQUIRED:
ENCLOSED ATTICS AND ENCLOSED RAFTERS SPACES FORMED WHERE THE CEILING IS APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. VENTILATING OPENINGS 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 360 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 1-1/2 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 360 WHEN A VAPOR BARRIER HAVING A TRANSMISSION RATE NOT EXCEEDING 1 PERM IS INSTALLED ON THE WARM SIDE OF CEILING.

SHEET NO.: A2	YOUR LIFE YOUR HOME YOUR STYLE	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: ELEVATIONS	DATE: 7-10-12
			SCALE: 1/8" = 1'-0"	FLOOR SIZE: 76'x30'
			DRAWN BY: STEVEN PHILLIPS	MODEL NUMBER: MTF-2530-EZ-476-1
				PLAN NUMBER:



RIGHT ELEVATION



LEFT ELEVATION

These plans comply with the Florida Manufactured Building Act and adopted Codes and approve to the following criteria:

APPROVED BY
NPH INC.

- ATLANTIC VENTILATION REQUIREMENTS:
1. NOT LESS THAN 1 TO 150.
 2. VENTILATION REQUIRED: 1800.54 Sq.ft.
 3. TYPE OF VENTILATION PROVIDED:
ROOF: CONTINUOUS VENTED RIDGE CAP/1.46 Sq.ft./L.F.)
EAVES: CONTINUOUS VENTED VINYL SOFFIT (14.34 Sq.ft./L.F.)
 4. VENTILATION PROVIDED:
ROOF: (44.0 L.F.) 504.24 Sq.ft.
EAVES: 1850.54 Sq.ft.

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 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 800, PROVIDED AT LEAST 90% AND NOT MORE THAN 80% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATIONS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3" 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 800 WHEN A VAPOR BARRIER HAVING A TRANSMISSION RATE NOT EXCEEDING 1 PERM IS INSTALLED ON THE WARM SIDE OF CEILING.



A2a

SHEET NO.:

YOUR LIFE
YOUR HOME
YOUR STYLE

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:
ELEVATIONS

SCALE:
1/8" = 1'-0"

DRAWN BY:
STEVEN PHILLIPS

DATE:
7-10-12

FLOOR SIZE:
76'x30'

MODEL NUMBER:
MTF-2530-EZ-476-1

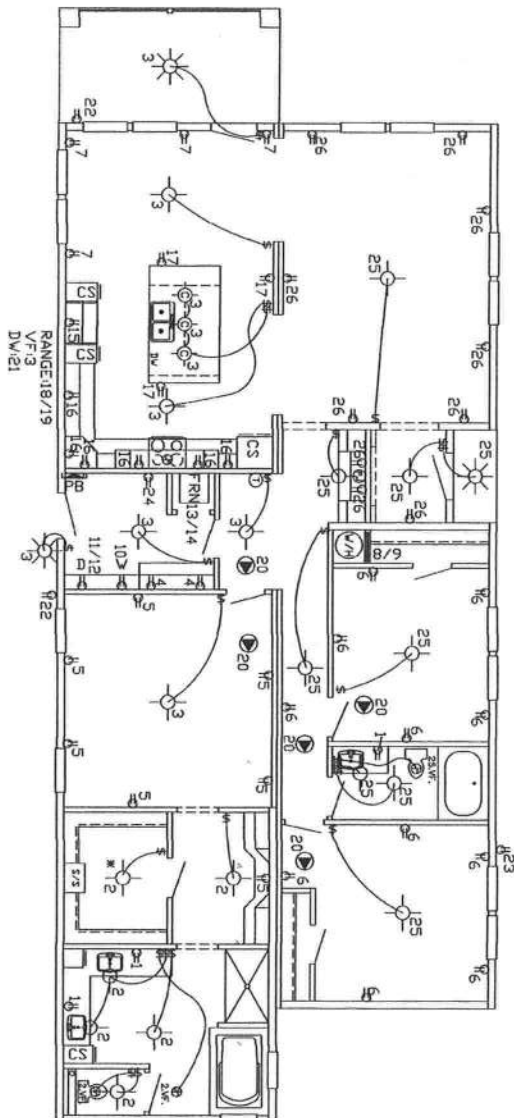
PLAN NUMBER:



*12" MIN. TO SHELF

NOTES:

1. ALL 15 & 20 AMP RECEPES ARE TO BE TAMPER RESISTANT.
2. ALL SMOKE ALARMS ARE TO BE INTERCONNECTED.
3. ALL SMOKE ALARMS SHALL BE PROVIDED WITH BOTH PRIMARY POWER FROM THE BUILDINGS WIRING AND SECONDARY POWER FROM A BATTERY BACK-UP.
4. MAIN BREAKER SIZE: 200 AMP.
5. SERVICE ENTRANCE CONDUCTOR: COPPER-20 ALUMINUM OR COPPER CLAD ALUM.-40



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

ELECTRICAL CIRCUIT LAYOUT

CIRCUIT#	DESCRIPTION	WIRE	AMP	CIRCUIT#	DESCRIPTION	WIRE	AMP
1	RECEPES (GFCI)	12-2	20	16	SMALL APPLIANCE (GFCI)	12-2	20
2	GENERAL LIGHTING (AFCI)	14-2	15	17	SMALL APPLIANCE (GFCI)	12-2	20
3	GENERAL LIGHTING (AFCI)	14-2	15	18/19	RANGE	8-3	40
4	RECEPES (GFCI)	12-2	20	20	SMOKE ALARM (AFCI)	14-3	15
5	RECEPES (AFCI)	14-2	15	21	DISHWASHER	14-2	15
6	RECEPES (AFCI)	14-2	15	22	EXTERIOR RECEPES (GFCI W/R)	12-2	20
7	DINE (AFCI)	14-2	15	23	EXTERIOR RECEPES (GFCI W/R)	12-2	20
8/9	WATER HEATER 2P	10-2	25	24	FREEZER	12-2	20
10	WASHER	12-2	20	25	GENERAL LIGHTING (AFCI)	14-2	15
11/12	DRYER 2P	10-3	30	26	RECEPES (GFCI)	12-2	20
13/14	FURNACE 2P	4-4-6	60				
15	REFERSMALL APP)	4-6	60				

These prints comply with the
Provisions of the Alabama Building
Code and the National Electrical
Code as amended by the following
ordinances to the following effect:

APPROVED BY
NIA INC.
NIA INC.
175 S. 1st St., Suite 100
Birmingham, AL 35202
Phone: (205) 255-3358
Fax: (205) 255-3358
Email: info@niainc.com
Website: www.niainc.com
Southern Energy Systems, Inc.
Manufactured

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:
**ELECTRICAL
LAYOUT**

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

DATE:
7-10-12
FLOOR SIZE:
76'x30'
MODEL NUMBER:
MTF-2530-EZ-476-1
PLAN NUMBER:

SHEET NO.:

A3

YOUR LIFE
YOUR HOME
YOUR STYLE

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 EACH BASIN WITH A GFCI PROTECTED OUTLET.
4. EACH BASIN WITH A GFCI PROTECTED OUTLET SHALL BE PROVIDED WITH A GFCI PROTECTED OUTLET AT COUNTERTOP AREA. 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 SUCH USE.
6. EVERY APPLIANCE SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE REPAIR OR REPLACEMENT WITHOUT REMOVAL OF PERMANENT CONSTRUCTION.
7. NONMETALLIC CABLES 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.
10. ELECTRICAL CABLES LESS THAN 1 1/4" FROM ANY SURFACE OF WOOD FRAMING MEMBERS IT PASSES THROUGH SHALL BE PROTECTED WITH STEEL DEVICE OF 1/8" THICKNESS IN WALL STUDS 3/4" AND LARGER OR USE A CABLE STACKER ON WALL STUDS LESS THAN 3/4".
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 FUNCTION 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. OUTDOOR RECEPTACLES SHALL BE OF A GASKETED TYPE AND GFCI PROTECTED. WEATHERPROOF EXTERIOR GFCI RECEPTACLES SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF WITH THE 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 25 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 LINENAIRS OUTLETS IN CEILING SHALL BE DESIGNED FOR THAT PURPOSE AND RATED TO SUPPORT A MIN. OF 50 LBS. BOXES USED AT LINENAIRS OUTLETS IN A WALL SHALL BE PERMITTED IF OTHER THAN 50 LBS. A WALL MOUNTED LINENAIRS WEIGHING NOT MORE THAN 6 LBS. MAY BE SUPPORTED ON OTHER BOXES OR PLASTER NINGS.
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/USE TYPE OVER CURRENT PROTECTION. 3/4" WIDE x 3/4" 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 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, DEN'S, 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 ILLUMINATION 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 IMPORTANCE OF PROPER ELECTRICAL CONNECTIONS IT IS ADVISABLE TO HAVE A QUALIFIED ELECTRICIAN DO ALL WORK AND CONNECTIONS OF THE ELECTRICAL SYSTEM.

EACH UNIT WILL HAVE ELECTRICAL 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 LINE 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 2008 NEC.

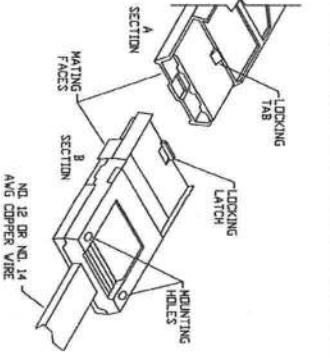
These items comply with the Federal Manufacture and Building Code and are listed on the following circuit.

Approved by **NEA INC.**

Circuit Type	Occupancy	Approved By
120V, 1-Phase <td>Residential <td>NEA INC. </td></td>	Residential <td>NEA INC. </td>	NEA INC.
240V, 1-Phase <td>Residential <td>NEA INC. </td></td>	Residential <td>NEA INC. </td>	NEA INC.
240V, 3-Phase <td>Residential <td>NEA INC. </td></td>	Residential <td>NEA INC. </td>	NEA INC.
240V, 3-Phase <td>Commercial <td>NEA INC. </td></td>	Commercial <td>NEA INC. </td>	NEA INC.
240V, 3-Phase <td>Industrial <td>NEA INC. </td></td>	Industrial <td>NEA INC. </td>	NEA INC.

Approval Date: 7/14/2015

Signature: [Signature]



1. LOCATE ELECTRICAL CROSSOVER(S) BY RED "X" ON BOTTOM BOARD AT MARRIAGE LINE. REMOVE TAB AND PULL OUT AMP CONNECTIONS.
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.

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:
ELECTRICAL
GENERAL NOTES

SCALE:
NTS
DRAWN BY:
STEVEN PHILLIPS

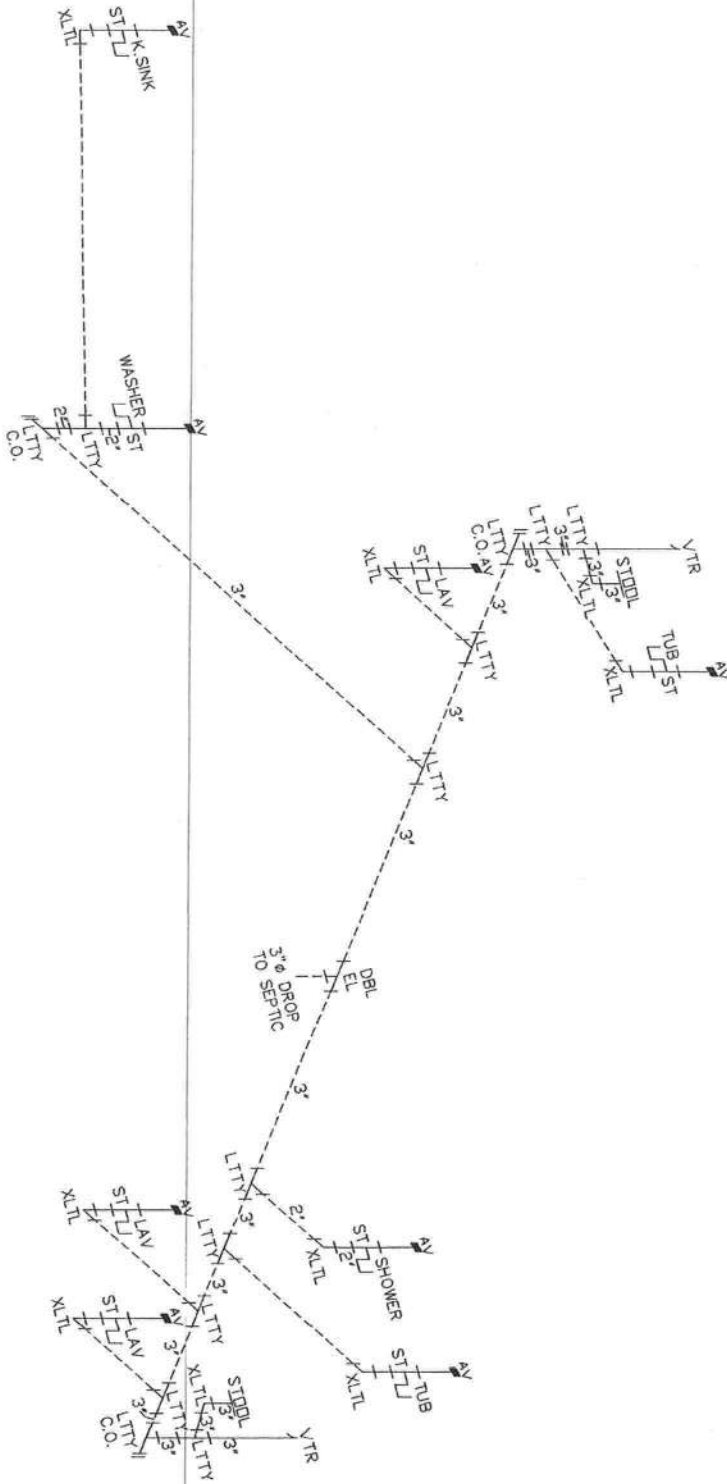
DATE:
7-10-12
FLOOR SIZE:
76'x30'
MODEL NUMBER:
MTF-2530-EZ-476-1
PLAN NUMBER:

SHEET NO.:

A3a

YOUR LIFE
YOUR HOME
YOUR STYLE

- DWV DRAIN LINE NOTES:**
1. ALL DRAIN LINE 1 1/2" Ø UNLESS NOTED.
 2. REFERENCE SHT.-44c FOR GENERAL NOTES.
 3. SHOWER AND WASHER REQUIRE 2" MIN. P-TRAP AND DRAIN.
 4. ----- FIELD INSTALLED PLUMBING.



These plans comply with the National Manufacture Building Act and associated Codes and adhere to the following criteria.

APPROVED BY

NFI INC.

Detail Type: VP - Unbonded
 Occupancy: P-3
 Assembly No.:
 at Floor: One (1)
 Wind Velocity: 120 mph - 150 mph
 Fire Rating of: 0 hr
 Etc. Water:
 Plan No.: MFT-2530-EZ-476-1
 Allow Floor Load: 40 PSF
 Approval Date: 7/18/2012
 Manufacturer: Southern Energy Systems, Inc.

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

DATE:
 7-10-12
FLOOR SIZE:
 76'x30'
MODEL NUMBER:
 MTF-2530-EZ-476-1
PLAN NUMBER:

A4

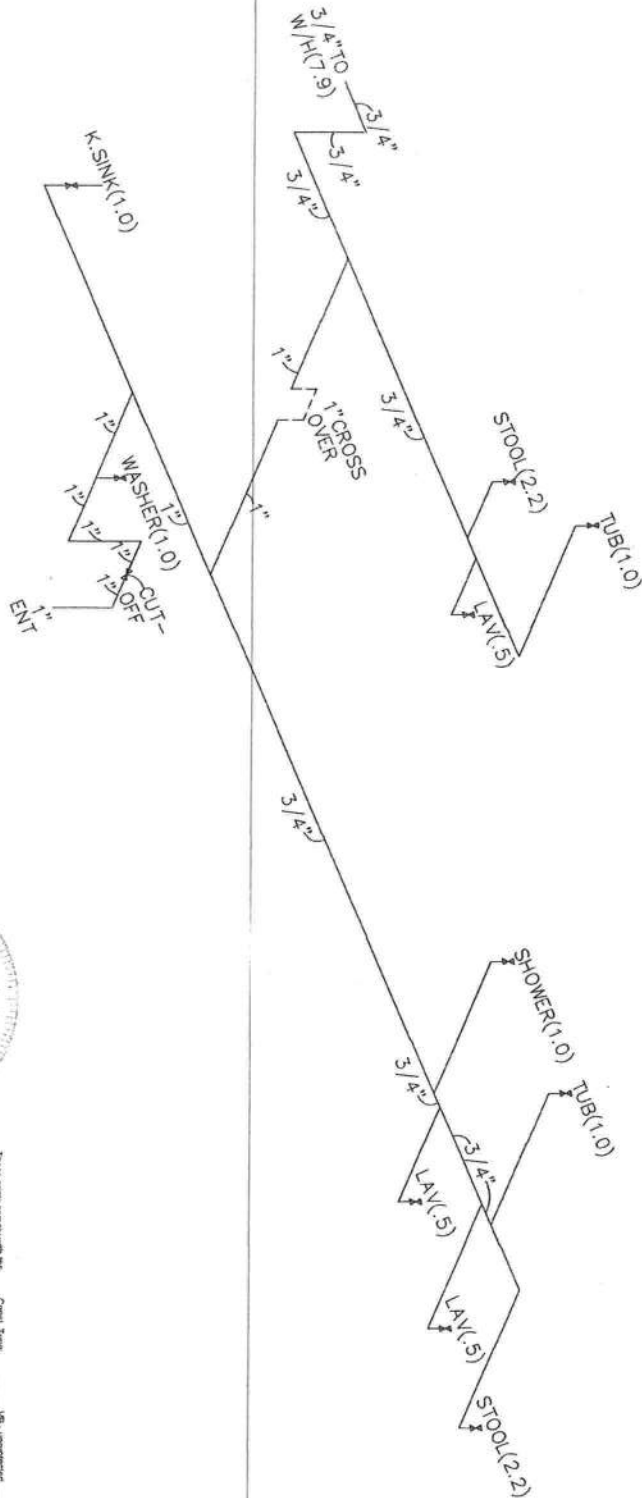
SHEET NO.:

**YOUR LIFE
 YOUR HOME
 YOUR STYLE**

FIXTURE UNITS PER TABLE P2903.6
 (2) 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: 7.9-COLD

TOTAL FIXTURE UNITS ON COLD WATER SUPPLY: 10.9
 TOTAL FIXTURE UNITS ON HOT WATER SUPPLY: 7.9
 TOTAL FIXTURE UNITS (INLET): 18.8

MAXIMUM FIXTURE UNITS ON A SUPPLY LINE
 PER TABLE P2903.6 FOR 50-60 PSI AND 60' MAXIMUM ALLOWABLE LENGTH
 1/2"=3
 3/4"=5.5
 1"=32
 1 1/4"=80



- SUPPLY LINE NOTES:**
1. ALL PIPE 1/2" UNLESS NOTED.
 2. CUT-OFF FOR ALL WATER TO HOME.
 3. WATER HEATER IS A 40 GAL. MFG. 80 GAL. MAX. ELECTRIC.
 4. REFERENCE SHT-A4c FOR PLUMBING GENERAL NOTES.
 - 5.----- FIELD INSTALLED PLUMBING.



These prints comply with the
 Florida Manufactured Building
 Act and associated Codes and
 adhere to the following criteria:

APPROVED BY
NFA INC.

Contract Type: _____
 Occupancy: _____
 Address: _____
 City: _____
 State: _____
 Zip: _____
 Fire Rating of _____
 E.N. Value: _____
 Allow. Floor Load _____
 Approved Date: _____
 Manufacturer: _____

VB: Unapproved
 RLS
 One (1)
 128 MFG - Lumber
 0.00
 MFT-2530-EZ-476-1
 40 PSF
 7/18/2012
 Southern Energy Homes, Inc.

A4a

SHEET NO.:

YOUR LIFE
YOUR HOME
 YOUR STYLE

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:
 PLUMBING SUPPLY
 LINES (COLD)

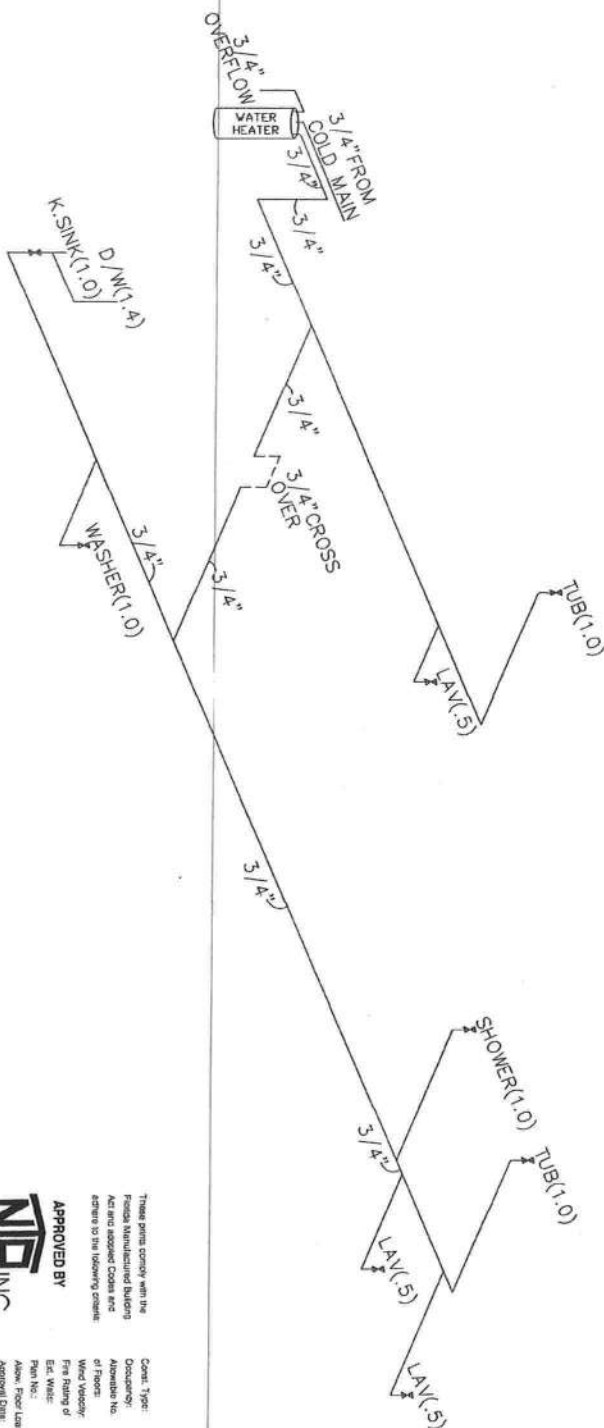
SCALE:
 NTS
 DRAWN BY:
 STEVEN PHILLIPS

DATE:
 7-10-12
 FLOOR SIZE:
 76'x30'
 MODEL NUMBER:
 MTF-2530-EZ-476-1
 PLAN NUMBER:

FIXTURE UNITS PER TABLE P2903.6
 (2) FULL BATH GROUPS: 3.0-HOT, 5.4-COLD, 7.2-COMBINED
 KITCHEN GROUP: 1.0-HOT, 1.0-COLD, 2.0-COMBINED
 LAUNDRY GROUP: 1.0-HOT, 1.0-COLD, 1.4-COMBINED
 WATER HEATER: 7.9-COLD

TOTAL FIXTURE UNITS ON COLD WATER SUPPLY: 10.9
 TOTAL FIXTURE UNITS ON HOT WATER SUPPLY: 7.9
 TOTAL FIXTURE UNITS (INLET): 18.8

MAXIMUM FIXTURE UNITS ON A SUPPLY LINE
 PER TABLE P2903.6 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. CUT-OFF FOR ALL WATER TO HOME.
 3. WATER HEATER IS A 40 GAL. MIN. 80 GAL. MAX. ELECTRIC.
 4. REFERENCE SHT-A4C FOR PLUMBING GENERAL NOTES.
 5. --- FIELD INSTALLED PLUMBING.



APPROVED BY
NFA INC.

These prints comply with the
 Federal Manufactured Building
 Act and adopted Codes and
 Orders to the following extent:

Contract Type: VBS UNBUNDLED
 Division No. 15.2
 Assembly No. 15.2
 Unit No. 15.2
 Pipe Sizing of 1/2" or 3/4"
 Pipe Material: 1/2" or 3/4"
 Pipe Size: 1/2" or 3/4"
 Approved Date: 5/14/2012
 Manufacturer: Southern Energy Systems, Inc.

A4b

SHEET NO.:

YOUR LIFE
YOUR HOME
 YOUR STYLE

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:
**PLUMBING SUPPLY
 LINES (HOT)**

SCALE:
 NTS

DRAWN BY:
 STEVEN PHILLIPS

DATE:

7-10-12

FLOOR SIZE:

76'x30'

MODEL NUMBER:

MTF-2530-EZ-476-1

PLAN NUMBER:

1. ALL PLUMBING MATERIALS, DEVICES, FIXTURES, FITTING, EQUIPMENT, APPLIANCES AND ACCESSORIES INSTALLED SHALL BE LISTED OR CERTIFIED BY AN APPROVED LISTING AGENCY (NFI, LPMO, CPT, 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 DETEIORATION AND/OR DAMAGE DURING TRANSIT.
4. ALL EXTERIOR OPENINGS AROUND PIPING AND EQUIPMENT SHALL BE SEALED TO RESIST THE ENTRY 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 THREE 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. FUTURE TRAP PIECES 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 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 24 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, 3/4" DIELECTRIC FITTINGS OR OTHER APPROPRIATE MATERIALS SHALL BE USED WHEN DISSIMILAR METALS ARE JOINED.
32. EACH HOME SHALL HAVE A 3 INCH MAIN VENT EXTENDING THROUGH AND TERMINATING 6 INCHES (MIN.) ABOVE THE ROOF AT THE HIGHEST POINT.

APPROVED BY
NFI INC.

These plans comply with all applicable codes and regulations and are approved for building and are subject to change without notice to the building official.

Project Name: _____
Address: _____
City: _____
State: _____
Zip: _____
Date: _____
By: _____
For: _____
Approved Date: _____
Signature: _____
Title: _____

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/MEETER.

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 90 50 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.

48. 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.

49. DOMESTIC FOOD-WASTE GRINDERS WILL BE CONNECTED TO DRAINS NOT LESS THAN 1 1/2 INCHES IN DIAMETER.

50. DISH WASHING MACHINES SHALL DISCHARGE INTO THE DRAINAGE SYSTEM THROUGH AN APPROVED AIR GAP FITTING.

51. 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.

52. WATER DISTRIBUTION SYSTEM PIPES MAY BE BRASS PIPE, COPPER TUBE (TYPE "M" MIN.) GALVANIZED STEEL PIPE, POLYBUTYLENE (PB) OR CHLORINATED PLASTIC TUBING OR PIPE (PVC) PIPE WILL BE USED ONLY WHEN WATER TEMPERATURE DOES NOT EXCEED 180° F.

53. 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 101.1.

54. ALL STORAGE WATER HEATER TANKS WILL BE PROTECTED BY THE APPROPRIATE TEMPERATURE AND PRESSURE RELIEF VALVE APPROVED BY ASME, ACA OR UL. THE RELIEF VALVE PIPE WILL BE METAL.

55. ALL WATER PIPING LOCATED IN CRAWL SPACES OR OTHER LOCATIONS SUBJECT TO FREEZING WILL BE PROTECTED WITH MINIMUM TWO INCHES OF INSULATION.

56. 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 101.6. THE HIGH LIMIT STOPS SHALL BE SET TO LIMIT WATER TEMP. TO A MAXIMUM 120°F (49°C).

57. 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. 1/8" 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.

58. THE PUMP SHALL BE ACCESSIBLE ON ALL WHIRLPOOL BATHTUBS.

59. THE VALVE INSIDE THE HOME FOR SILENCE SHUTOFF SHALL BE IDENTIFIED WITH A TAG THAT IDENTIFIES THE DEVICE IT SERVES OFF.

60. 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 AND REPAIR.

A4C

SHEET NO.:

YOUR LIFE
YOUR HOME
YOUR STYLE

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:
PLUMBING GENERAL NOTES

SCALE:
NTS

DRAWN BY:
STEVEN PHILLIPS

DATE:
7-10-12

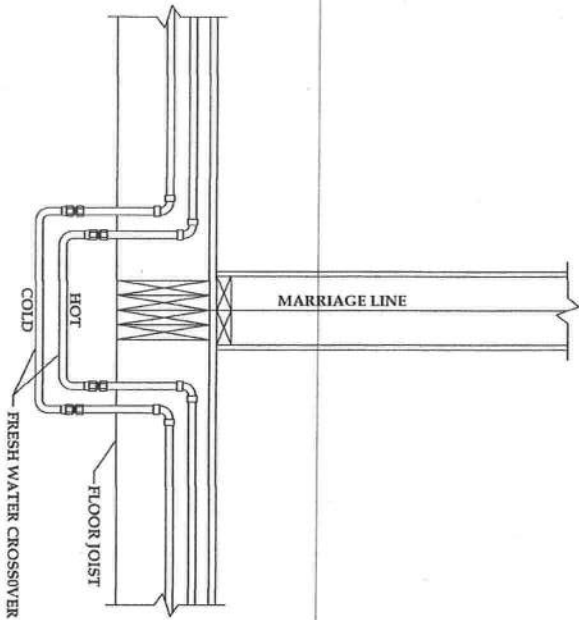
FLOOR SIZE:
76'x30'

MODEL NUMBER:
MIT-2530-EZ-476-1

PLAN NUMBER:
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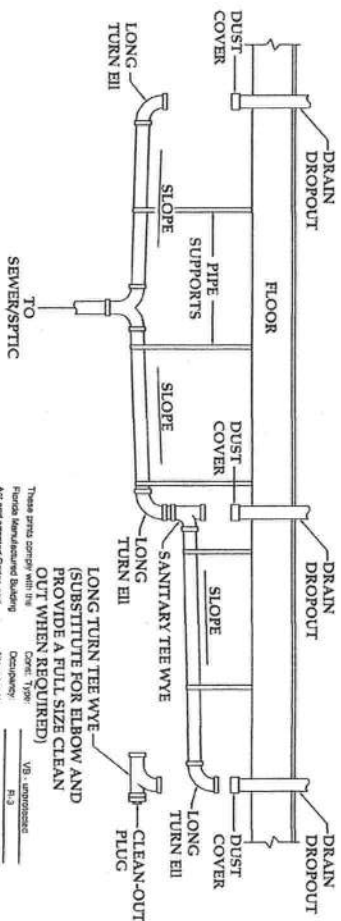
FRESH WATER CROSSOVER CONNECTION UNDER FLOOR

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 SIMILAR TO PROTECT INSULATION. ALL FIELD CONNECTIONS MUST BE TESTED FOR LEAKS AFTER COMPLETION.



DRAIN, WASTE AND VENT LINE CONNECTIONS

1. REMOVE SHIP CHANNEL FROM PIPES EXTENDING THROUGH THE BOTTOM BOARD, INSPECT PIPES AND FITTINGS AND CLEAN THEM OF DIRT, OBSTRUCTIONS AND BLOCKS.
 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 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 UPPEMOST 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.
- A. ALL FIELD CONNECTIONS MUST BE TESTED FOR LEAKS AFTER COMPLETION.



APPROVED BY
NFA
INC.

Correl. Type:	VB - uncorrelated
Occupancy:	P, J
Allowance No. of Floors:	One (1)
Wind Velocity:	120 MPH - Ultimate
Free Raining of Eel Water:	0 hr
Plan No.:	MFT-2530-CZ-476-1
Allow. Floor Load:	40 PSF
Approval Date:	7/19/2015
Manufacturer:	Southern Energy Homes, Inc.

SHEET NO.:

A4d

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:
**WATER SUPPLY AND
DWV CONNECTIONS**

SCALE:
NTS

DRAWN BY:
STEVEN PHILLIPS

DATE:

7-10-12
FLOOR SIZE:
76'x30'

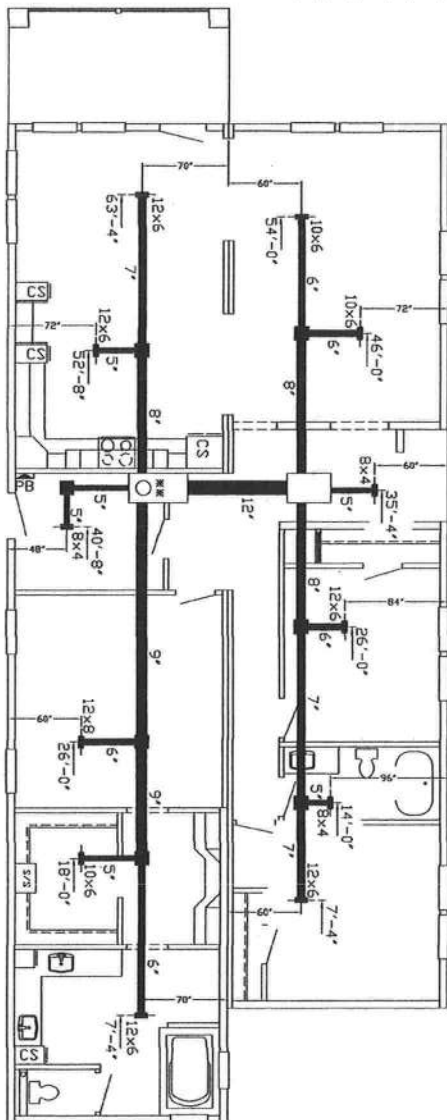
MODEL NUMBER:
MTE 2530-EZ-476-1

PLAN NUMBER:

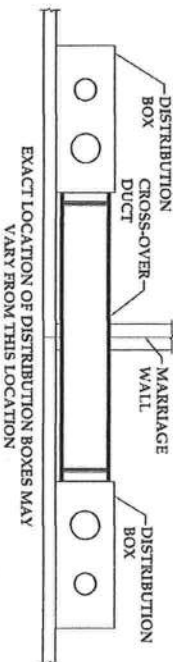
These prices comply with the
Federal Manufacture Building
Act and associated codes and
adhere to the following criteria:

APPROVED BY
NFI INC.

Contract Type	VA - underground
Occupancy	R-3
Address	One (1)
Address No.	128 MPH - Ultimate
Wind Velocity	128 MPH - Ultimate
Fire Rating	0 hr
Est. Value	MTF-2530-EZ-476-1
Plan No.	40 PSF
Allow. Floor Load	71/82015
Approval Date	Southern Energy Homes, Inc.
Manufacturer	



CROSS-OVER INSTALLATION



EXACT LOCATION OF DISTRIBUTION BOXES MAY VARY FROM THIS LOCATION

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 AREA, 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.

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"x24" RETURN AIR GRILL PROVIDED IN THEM. THIS 24"x24" GRILL MANUFACTURED BY CARPATHIAN INDUSTRIES PROVIDES 70 Sq. Ft. 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 SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTION M601 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 NORDYNE, E3EB-020H.
10. PORTIONS OF THE FLOOR PLAN HAVE BEEN REMOVED FOR CLARITY.
11. AIR TO BE PROVIDED BY OTHERS.

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:
HVAC LAYOUT

SCALE:
1/8" = 1'-0"

DRAWN BY:
STEVEN PHILLIPS

DATE:

7-10-12

FLOOR SIZE:

76'x30'

MODEL NUMBER:

MTF-2530-EZ-476-1

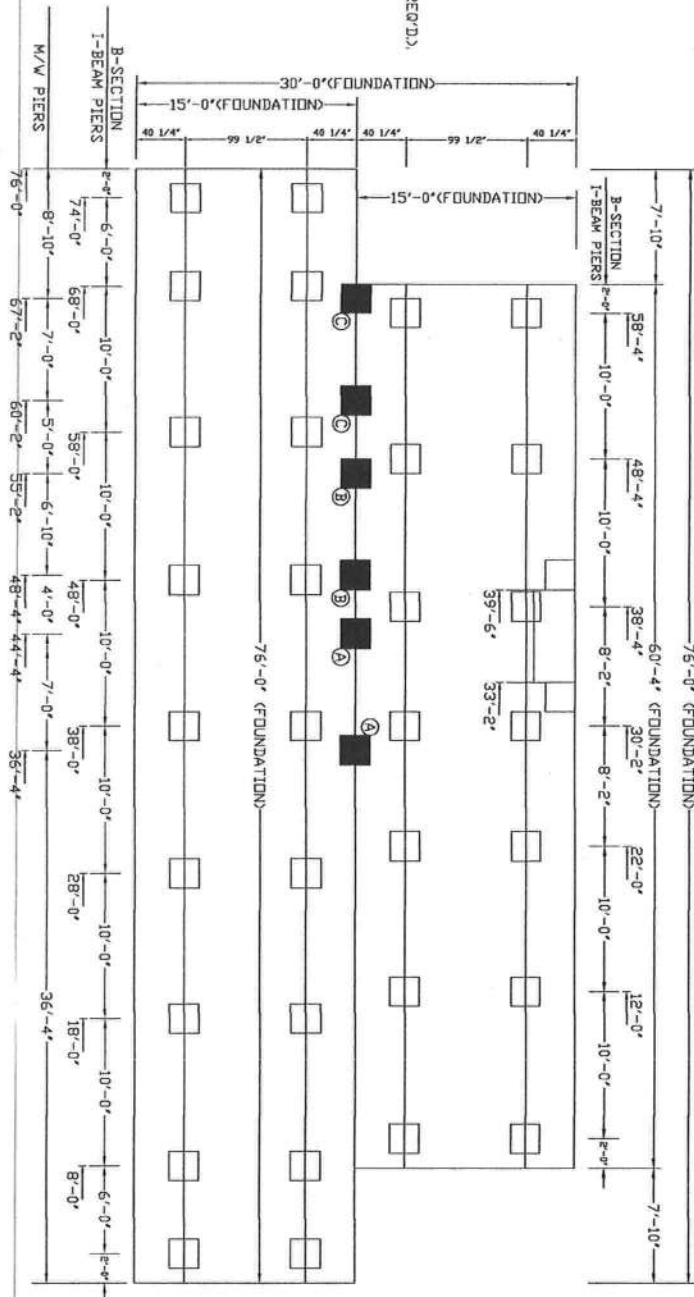
PLAN NUMBER:

SHEET NO.:

A5

YOUR LIFE
YOUR HOME
YOUR STYLE

- ☒ SUPPORT @ COLUMN LOAD
☐ SUPPORT UNDER MAIN BEAM (TYP.)
☒ SUPPORT UNDER MATING WALL (IF REQ'D.)



These plans comply with the
 Florida Manufactured Building
 Act and adopted Codes and
 provisions to the following extent:
 APPROVED BY
NIA INC.
 Chief Engineer
 License No. 54250
 State of Florida
 Professional Engineer
 Seal No. 84912



NOTE:
 THIS IS A SUGGESTED FOUNDATION TO PROVIDE DIMENSIONAL AND
 LOAD INFORMATION ONLY. THE FOUNDATION MUST BE DESIGNED BY
 A REGISTERED PROFESSIONAL ENGINEER FOR THE EXISTING SITE
 CONDITIONS AND IN ACCORDANCE WITH ALL STATE AND LOCAL
 LOCAL CODES. THE LOADS & SPACING REQUIREMENTS SHOWN
 ARE BASED ON THE FOLLOWING INFORMATION:
 BUILDING CODE INFORMATION: IRC (2009), ASCE 7-10
 MAXIMUM WIND SPEED & EXPOSURE: 100 MPH, EXPOSURE: C
 MINIMUM SOIL BEARING CAPACITY: 2000
 MAXIMUM GROUND SNOW(S): 20 PSF
 SEISMIC DESIGN CATEGORY: C
 DESIGN SPECTRAL RESPONSE (Sps): 0.50
 SEISMIC SOIL SITE CLASS: D

HOMES INFORMATION:
 UNIT WIDTH: 30'-0"
 MAX. UNIT LENGTH: 76'-0"
 ROOF PITCH: 6/12
 DESIGN LOADS: 40 PSF FL. LL, 7 PSF T.C.D.L., 8 PSF B.C.D.L.,
 8 PSF FL. DL & 10 PSF B.C.L.L.
 MAX. SIDEWALL HEIGHT: 10' INCHES
 TOTAL MATING WALL RIM JOIST BEAMS: (4) 2x8 #2 SPF
 RIM JOIST SPICES: 5'x8" WHITE M20 METAL PLATES EACH SIDE
 CHASSIS BEAM: 12"x10" SPIR
 DESIGN TYPE: PIER SET (FRAME TIED) FOUNDATION

PIER	KIPS.
A	2.55
B	2.24
C	2.28

A6

SHEET NO.:

YOUR LIFE
YOUR HOME
 YOUR STYLE

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:

ON-FRAME
 FOUNDATION PLAN
 PIER-SET

SCALE:

1/8"=1'-0"

DRAWN BY:

STEVEN PHILLIPS

DATE:

7-10-12

FLOOR SIZE:

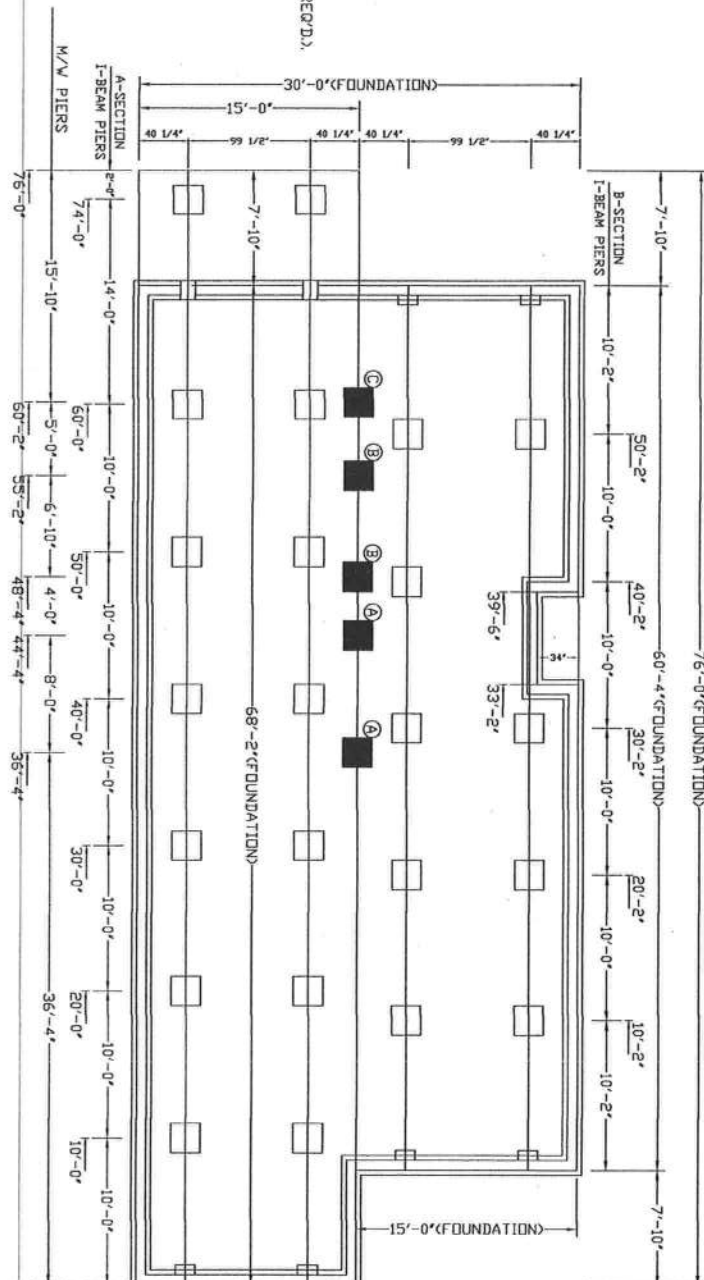
76'x30'

MODEL NUMBER:

MTF-2530-EZ-476-1

PLAN NUMBER:

SUPPORT UNDER MATING WALL (IF REQ'D.).



These prints comply with the Florida Manufactured Building Act and adopted Codes and adhere to the following criteria.

Coast Type:	VB - uncoastal
Occupancy:	R-3
Admissible No. of Floors:	One (1)
Wind Velocity:	138 MPH - Ultimate
Fire Rating of Ex. Wall:	2 hr
Plan No.:	MFT-2550-EZ-476-1
Allow Floor Load:	40 PSF
Approved Date:	8/20/12
Manufacturer:	Southern Energy Homes, Inc.

HOMES INFORMATION:

UNIT WIDTH: 30'-0"

ROOF PITCH: 6/12

DESIGN LOADS: 40 PSF FL.

9 10111112
MAY EVIDENTIARY HEICHT.

TOTAL MATING WALL RIN

KIMI JOISI SPLICES: 5 X8 M
CUT ABOVE THE 1ST JOINT TO 10'

DESIGN TYPE: ON FRAME

[illegible]

NOTE: THIS IS A SUGGESTED FOUNDATION TO PROVIDE DIMENSIONAL AND LOAD INFORMATION ONLY. THE FOUNDATION MUST BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR THE EXISTING SITE CONDITIONS, AND IN ACCORDANCE WITH ALL STATE AND LOCAL CODES. THE LOADS AND SPACING REQUIREMENTS SHOWN ARE BASED ON THE FOLLOWING INFORMATION.

BUILDING CODE INFORMATION: IRC (2009), ASCE 7-10

BUILDING SITE INFORMATION:

MAXIMUM WIND SPEED & EXPOSURE: 100 MPH DESIGN WIND SPEED, 12 MPH ULTIMATE WIND SPEED, EXPOSURE C

MINIMUM SOIL BEARING CAPACITY: 2000

MAXIMUM GROUND SNOW(S): 20 PSF

SEISMIC DESIGN CATEGORY: C

DESIGN SPECTRAL RESPONSE (S_{ps}): 0.50

SEISMIC SOIL SITE CLASS: D

HOMES INFORMATION:
 UNIT WIDTH: 30'-0"
 MAX. UNIT LENGTH: 78'-0"
 ROOF PITCH: 9/12
 DESIGN LOADS: 40 PSF FL. LL., 7 PSF T.C.D.L., 8 PSF B.C.D.L.,
 8 PSF FL. DL. & 10 PSF B.C.L.
 MAX. SIDEWALL HEIGHT: 108" INCHES
 TOTAL MATING WALL RIM JOIST BEAMS: (4) 2x8 #2 SPF
 RIM JOIST SPLICES: 5"x8" MITER 420 METAL PLATES EACH SIDE
 CHASSIS BEAM: 12"x10" 99H
 DESIGN TYPE: ON FRAME CRAWL SPACE (PERIMETER ANCHORED) FOUNDATION

PIER IDENTIFICATION	KIPS.
A	2.55
B	2.24
C	2.28

A6a

SHEET NO.:

**YOUR LIFE
YOUR HOME
YOUR STYLE**

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:

ON-FRAME
FOUNDATION PLAN
CRAWL SPACE

SCALE:

$$1/8^n = 1'-0''$$

DRAWN BY:

STEVEN PHILLIPS

DATE: _____

7-10-12

FLOOR SIZE:

76'x30"

MODEL NUMBER:

MTF-2530-EZ-476-1

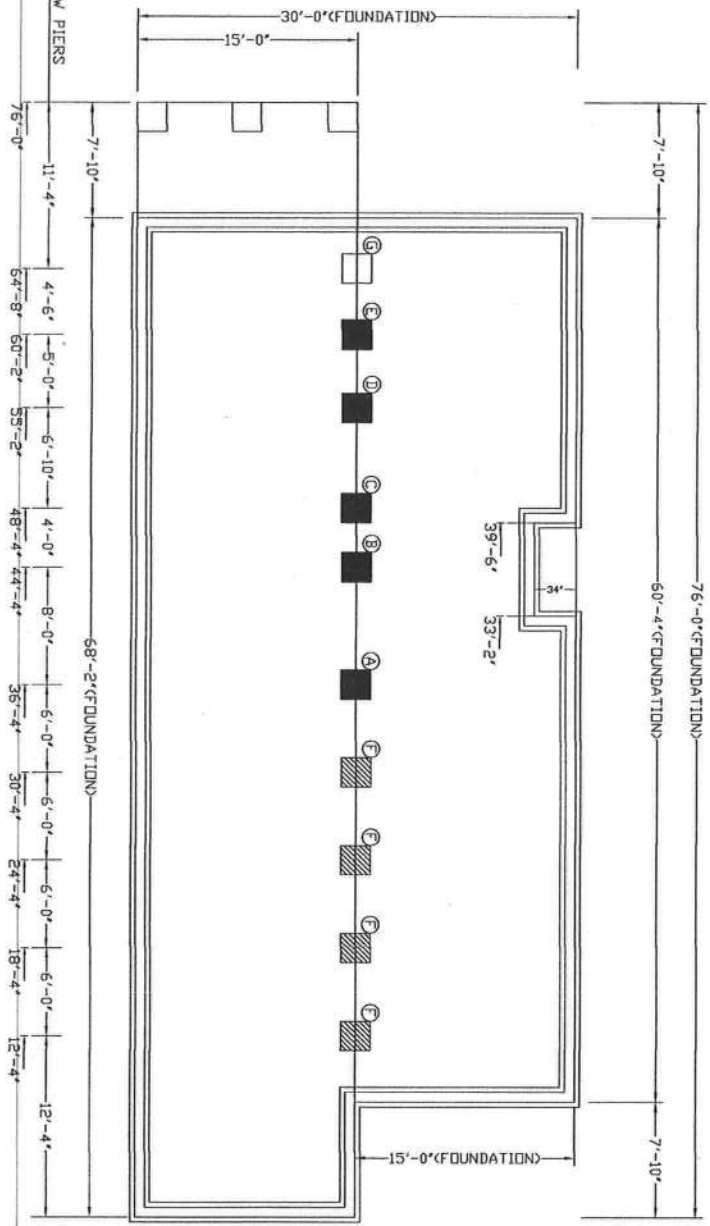
PLAN NUMBER:

These prints comply with the Florida Manufactured Building Act and adopted Codes and refers to the following criteria:

APPROVED BY

NEA INC.

Contract: 1501
Occasion: R.S.
Address: No. 1501
Wind Velocity: 120 mph - Ultimate
Fire Rating of Deck: 0.15
Floor No.: 1
Area: 1000 sq. ft.
Approved Date: 05/05/05
Manufacturer: Southern Energy Systems, Inc.



NOTE:
THIS IS A SUGGESTED FOUNDATION TO PROVIDE DIMENSIONAL AND LOAD INFORMATION ONLY. THE FOUNDATION MUST BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR THE EXISTING SITE CONDITIONS AND IN ACCORDANCE WITH ALL STATE AND LOCAL LOCAL CODES. THE LOADS & SPACING REQUIREMENTS SHOWN ARE BASED ON THE FOLLOWING INFORMATION:

BUILDING CODE INFORMATION: IRC (2009), ASCE 7-10

BUILDING SITE INFORMATION:
MAXIMUM WIND SPEED & EXPOSURE: 100 MPH DESIGN WIND SPEED, 125 MPH ULTIMATE WIND SPEED, EXPOSURE-C
MAXIMUM SOIL BEARING CAPACITY: 2000
MAXIMUM GROUND SNOW(S): 20 PSF
SEISMIC DESIGN CATEGORY: C
DESIGN SPECTRAL RESPONSE (Sps): 0.50
SEISMIC SOIL SITE CLASS: D
HOMES INFORMATION:
UNIT WIDTH: 30'-0"
MAX. UNIT LENGTH: 76'-0"
ROOF PITCH: 6/12
DESIGN LOADS: 40 PSF FL, 1L, 7 PSF T.C.D.L, 8 PSF B.C.D.L, 13 PSF FL, DL, & 10 PSF B.C.L.L.
MAX. SIDEWALL HEIGHT: 108 INCHES
TOTAL MATING WALL RIM JOIST BEAMS: (4) 2x10 #2 SPF
RIM JOIST SPLICES: 5'-8" MITER M20 METAL PLATES EACH SIDE
CHASSIS BEAM: 17'-10 5/8" IPE
DESIGN TYPE: OFF FRAME BASEMENT & CRAWL SPACE FOUNDATION

☒ SUPPORT @ COLUMN LOAD
☐ SUPPORT UNDER CLEAR SPAN (IF APPLICABLE)
☒ SUPPORT UNDER MATING WALL (IF REQ'D).



PIER IDENTIFICATION	KIPS.
A	9.34
B	8.12
C	7.34
D	7.94
E	8.71
F	7.30
G	4.70

A6b

SHEET NO.:

YOUR LIFE
YOUR HOME
YOUR STYLE

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:
OFF-FRAME FOUNDATION PLAN

SCALE:
1/8" = 1'-0"

DRAWN BY:
STEVEN PHILLIPS

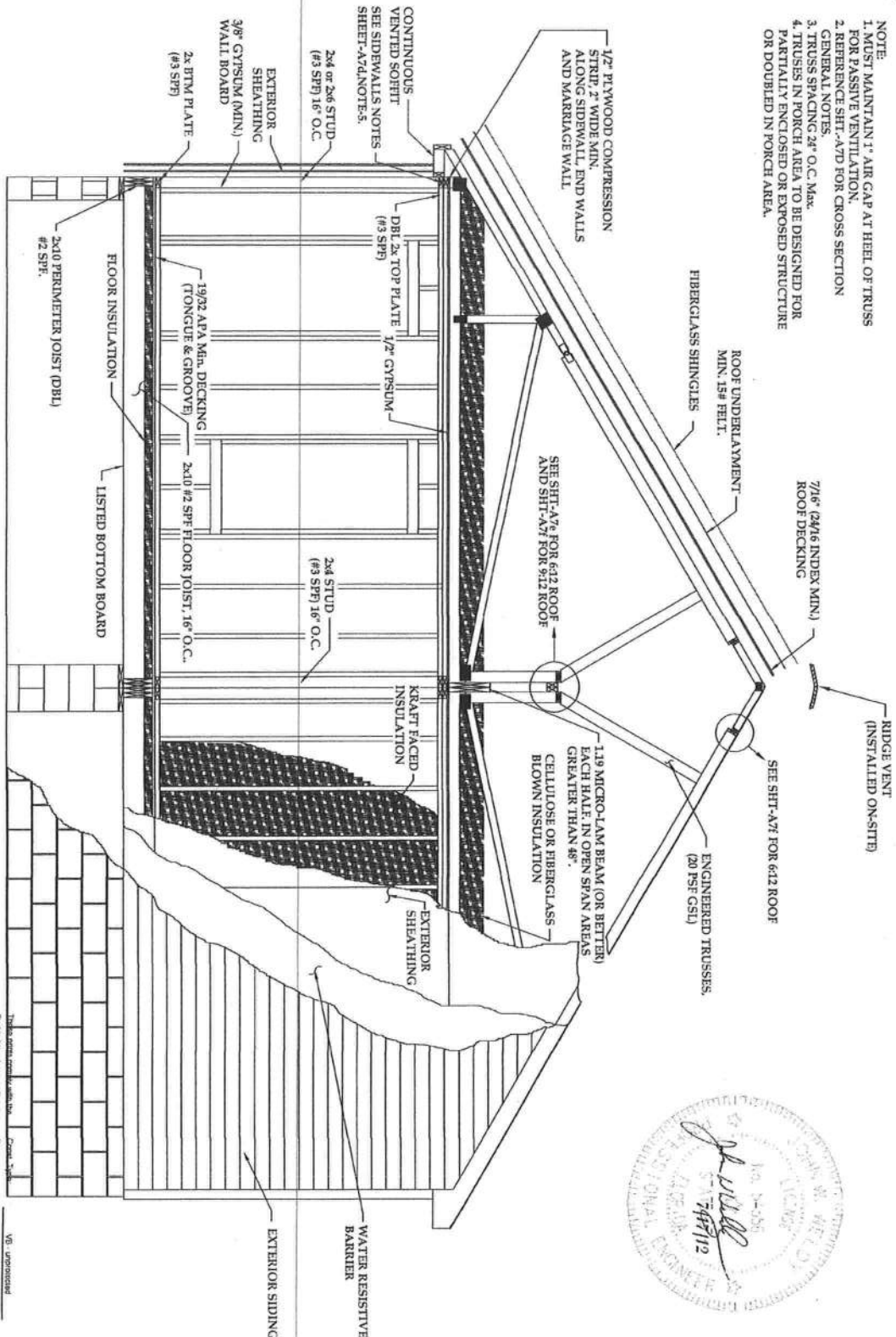
DATE:
7-10-12

FLOOR SIZE:
76'x30'

MODEL NUMBER:
MTF-2530-EZ-476-1

PLAN NUMBER:

- NOTE:
1. MUST MAINTAIN 1" AIR GAP AT HEEL OF TRUSS FOR PASSIVE VENTILATION.
2. REFERENCE SHT-A7D FOR CROSS SECTION.
3. TRUSS SPACING 24" O.C. MAX.
4. TRUSSES IN PORCH AREA TO BE DESIGNED FOR PARTIALLY ENCLOSED OR EXPOSED STRUCTURE OR DOUBLED IN PORCH AREA.



APPROVED BY
NFA INC.
NFA INC.
10000 N. 10th Ave.
Suite 100
Tucson, AZ 85747
Phone: (520) 298-1111
Fax: (520) 298-1112
www.nfa-inc.com

A7a

SHEET NO.:

YOUR LIFE
YOUR HOME
YOUR STYLE

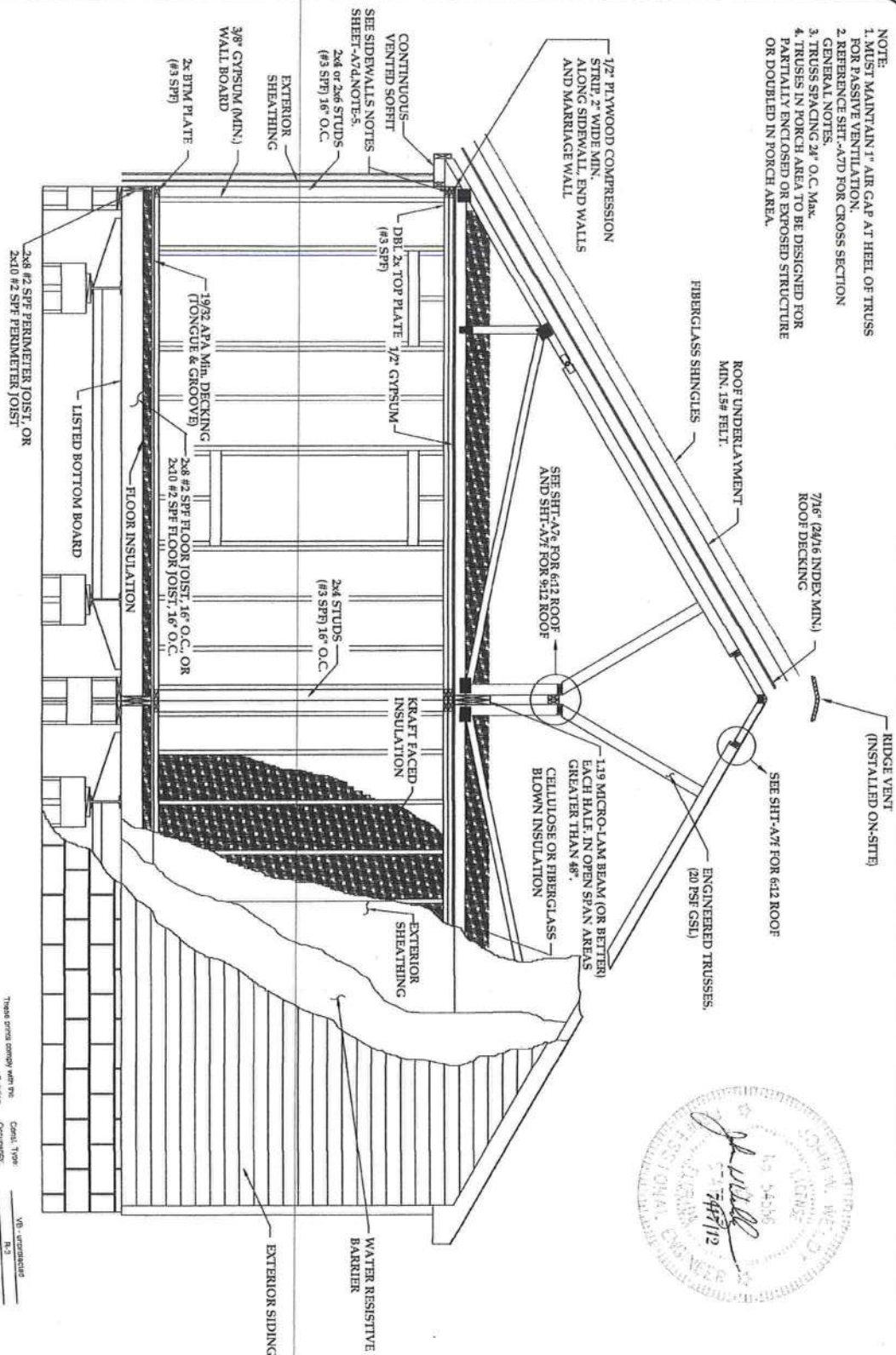
ENERGY HOMES
a division of SEHomes, Inc.
18025 COUNTY ROAD 41
P.O. BOX 269
ADDISON, AL 35540
PHONE: (256) 747-1544
FAX: (256) 255-3358

DRAWING:
OFF-FRAME CROSS SECTION

SCALE:
NTS
DRAWN BY:
STEVEN PHILLIPS

DATE:
7-10-12
FLOOR SIZE:
76'x30'
MODEL NUMBER:
MTF-2530-EZ-476-1
PLAN NUMBER:

- NOTE:
1. MUST MAINTAIN 1" AIR GAP AT HEEL OF TRUSS FOR PASSIVE VENTILATION.
2. REFERENCE SHT-A7D FOR CROSS SECTION.
3. TRUSS SPACING 24" O.C. MAX.
4. TRUSSES IN PORCH AREA TO BE DESIGNED FOR PARTIALLY ENCLOSED OR EXPOSED STRUCTURE OR DOUBLED IN PORCH AREA.



These items comply with the
Florida Manufactured Building
Act and associated Codes and
pertains to the following details:

APPROVED BY
NEA INC.

Cell. Type: V8, unventilated
Occupancy: R-3
Allowable No. of Floors: One (1)
Wind Velocity: 150 MPH - Ultimate
Fins Rating of: 0 or
Ekt. White
Plan No.: MTF-2530-EZ-476-1
Assoc. Floor Label: 718/0012
Approved Date: Southern Energy Materials, Inc.
Manufacturer:

<div data-bbox="203 1785 316 1953"> <p>A7C</p> <p>SHEET NO.:</p> </div>	<div data-bbox="324 1785 617 1953"> <p>YOUR LIFE YOUR HOME YOUR STYLE</p> </div>	<div data-bbox="625 1774 917 1953"> <p>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</p> </div>		<div data-bbox="933 1764 1177 1963"> <p>DRAWING: ON-FRAME CROSS SECTION</p> <p>SCALE: NTS</p> <p>DRAWN BY: STEVEN PHILLIPS</p> </div>	<div data-bbox="1185 1764 1421 1963"> <p>DATE: 7-10-12</p> <p>FLOOR SIZE: 76'x30'</p> <p>MODEL NUMBER: MTF-2530-EZ-476-1</p> <p>PLAN NUMBER:</p> </div>
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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 3/4" 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. 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.
12. 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.
13. 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.
14. INTERIOR FINISH:
- a) 3/8" GYPSUM: FASTEN WITH 13ga, 1 3/8" LONG, 19/64" HEAD, 0.0980, 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, 0.0980, 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., NAILS: 8" O.C., WITH ADHESIVE, SCREWS: 24" O.C., NAILS: 16" O.C.
15. 3"x6"x0.086" GALV. STEEL PLATE WITH (6) 8d NAILS AT EACH WALL SEGMENT. REFER-100 NOTE-9 OF THE Q.C. MANUAL.

SIDE WALLS:

DESIGN WIND SPEED: 100 MPH
ULTIMATE WIND SPEED: 126 MPH EXPOSURE-C

96"-SIDEWALLS:

2x4 #3 SPF STUDS, 16" O.C.

108"-SIDEWALLS:

2x4 #3 SPF STUDS, 16" O.C.



These plans comply with the
Florida Manufactured Building
Act and associated Codes and
are subject to the following credits:

APPROVED BY
NFI INC.

Drawn: JWP
Checked: JWP
Approved: JWP
Date: 5-11-2012
Project: 126 MPH EXPOSURE-C
Manufacturer: Southern Energy Homes, Inc.

A7d

SHEET NO.:

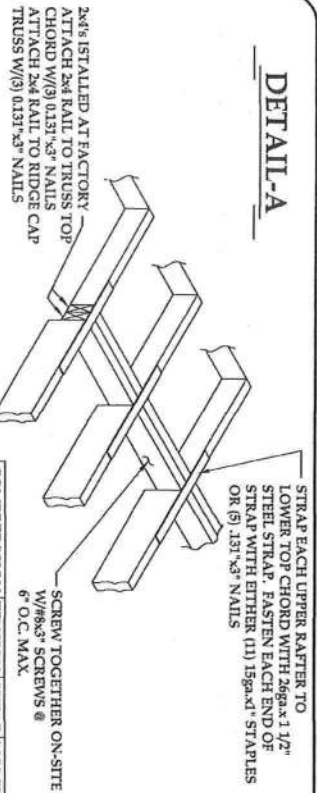
YOUR LIFE
YOUR HOME
YOUR STYLE

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:
CROSS SECTION
GENERAL NOTES.
SCALE:
NTS
DRAWN BY:
STEVEN PHILLIPS

DATE:
7-10-12
FLOOR SIZE:
76'x30'
MODEL NUMBER:
MTF-2530-EZ-476-1
PLAN NUMBER:

DETAIL-A



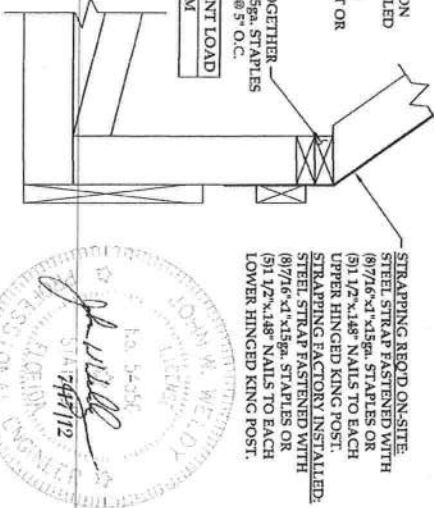
COMPRESSION	TENSION	SHEAR	MOMENT LOAD
250	484	159	0M

2x4 PLATE FACTORY INSTALLED TO EACH SECTION OF THE KINGPOST W/ (6) 131x43 NAILS TO BE INSTALLED THROUGH KINGPOST INTO 2x4 PLATE. (6) ON ONE SIDE, (6) ON THE OTHER OR (131) 5ga x 2 1/2" STAPLES THROUGH 2x4 PLATE INTO KING POST OR (7) 0.131"x3" NAILS THROUGH 2x4 PLATE INTO KINGPOST.

2x4 PLATES CONNECTED TOGETHER ON-SITE WITH: 7/16"x2 1/2"x15ga STAPLES @ 3" O.C. OR 0.131"x3" NAILS @ 5" O.C.

COMPRESSION	TENSION	SHEAR	MOMENT LOAD
453	424	213	0M

DETAIL-B



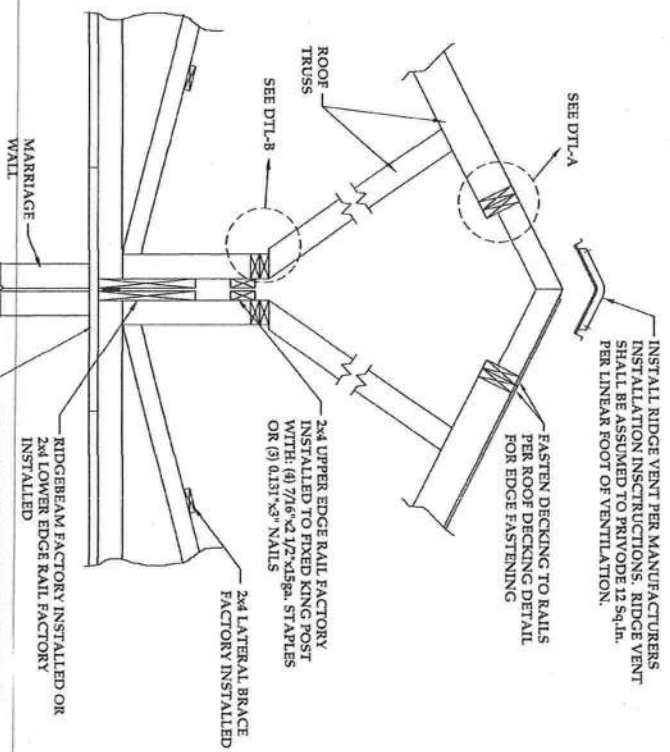
STRAPPING REQUIRED ON-SITE. STEEL STRAP FASTENED WITH (8) 7/16"x1"x15ga STAPLES OR (5) 1/2"x148 NAILS TO EACH UPPER HINGED KING POST. STRAPPING FACTORY INSTALLED. STEEL STRAP FASTENED WITH (8) 7/16"x1"x15ga STAPLES OR (5) 1/2"x148 NAILS TO EACH LOWER HINGED KING POST.

SITE INSTALLED - FASTEN RAFTS TOGETHER WITH EITHER 131x43 NAILS @ 10" O.C. OR 7/16"x2 1/2"x15ga STAPLES @ 6" O.C. STRAP EACH TOP CHORD ACROSS PEAK WITH SIMPSON 1512A2, FASTEN EACH END WITH (6) 131x43 NAILS

FACTORY INSTALLED - FASTEN 2x4 RAIL TO EACH TRUSS CHORD WITH EITHER (6) 15ga x 2 1/2" STAPLES OR (3) 131x43 NAILS

2x4 LATERAL BRACE FACTORY INSTALLED WITH EITHER (2) 131x43 NAILS OR (3) 15ga x 2 1/2" STAPLES TO EACH TRUSS

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



APPROVED BY

MA INC.

FLOOR

MARRIAGE WALL GASKET FACTORY INSTALLED AROUND THE ENTIRE MARRIAGE WALL TO PREVENT AIR INFILTRATION

FLOOR CONNECTION: SITE INSTALL 1/2" BOLTS AND WASHERS OR 3/8"x5" LAG SCREWS @ 16" O.C. THRU RIM JOIST. MUST PENETRATE 1 1/2" MINIMUM INTO ADJACENT SECTION RIM JOIST.

MARRIAGE WALL CONNECTION: FASTEN JOINING WALLS (MATE OR ENDWALL) AND INTERIOR COLUMNS WITH TOE-SCREWED #10 x 12" WOOD SCREWS STAGGERED @ 6" O.C. WITH MINIMUM 1 1/2" PENETRATION INTO SECOND STUD.

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: 6:12 HINGE ROOF HOME INTERCONNECTIONS
SCALE: NTS
DRAWN BY: STEVEN PHILLIPS

DATE: 7-10-12
FLOOR SIZE: 76'x30'
MODEL NUMBER: MTF-2530-EZ-476-1
PLAN NUMBER:

A7f

SHEET NO.:

YOUR LIFE
YOUR HOME
YOUR STYLE