

STATE OF MISSISSIPPI

GEORGE DALE
Commissioner of Insurance
State Fire Marshal

LEE HARRELL
Deputy Commissioner of Insurance

RICKY DAVIS
State Chief Deputy Fire Marshal

LARRY BARR
State Fire Coordinator



DEPARTMENT OF INSURANCE
OFFICE OF THE FIRE MARSHAL
501 N. WEST STREET • 1001 WOOLFOLK BUILDING
JACKSON, MISSISSIPPI 39201
firemarshal@mid.state.ms.us
Website: www.doi.state.ms.us

Post Office Box 79 (39205)
Jackson, Mississippi
State Fire Marshal's Office
(601) 359-1061
1-888-648-0877
Fax: (601) 359-1076
State Fire Coordinator
(601) 359-1062

August 29, 2007

Mr. David J. Barts
Account Manager
NTA, Inc.
Post Office Box 490
Nappanee, IN 46550

(X) Plan Review () Quality Manual (X) New () Revisions

**RE: Oak Creek Homes – Ft. Worth
Model# MS Cottages #1240**

Dear Mr. Barts:

Eugene Humphrey, Assistant Chief Deputy State Fire Marshal, has requested that I contact you concerning the above referenced project dated August 24, 2007.

The State Fire Marshal's Office evaluation of the manual using the codes checked below found said manual **in** compliance and is therefore **approved** as submitted to this office.

- (X) International Residential Code Ed. 2003
- () International Building Code Ed. _____
- (X) National Electrical Code Ed, 2005
- () NFPA Standard _____
- (X) Other ASCE 7-02

If you should have any questions or concerns, please do not hesitate to contact our office.

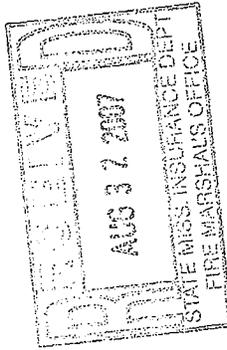
Sincerely,

Handwritten signature of James Jackson in cursive.

James Jackson, Deputy State Fire Marshal, I

Cc: Ricky Davis, Chief, Deputy State Fire Marshal

JJ:sh



Design Codes: (Mississippi)

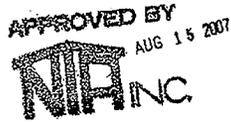
2003 IBC/IRC, 2005 NEC
 MISSISSIPPI MODULAR APPROVAL
 PARK MODEL APPROVAL ANSI A119.5
 FLOOR LIVE LOAD: 40 PSF TCDL = 7 PSF
 FLOOR DEAD LOAD: 10 PSF BCDL = 7 PSF
 GROUND SNOW LOAD: 30 PSF BCLL = 10 PSF
 WIND LOAD:
 A. 150 MPH AT 3 SECOND GUST, EXPOSURE B
 B. $I_w = 1.0$ WIND IMPORTANCE FACTOR
 C. B WIND EXPOSURE CATEGORY.
 D. $G_C p_i = +/- 0.18$ INTERNAL PRESSURE COEFFICIENT.
 E1. $P_w = 54.2$ PSF (END ZONE) WALL COMPONENT & CLADDING LOAD.
 E2. $P_w = 43.9$ PSF (INTERIOR ZONE) WALL COMPONENT & CLADDING LOAD.
 F1. $P_r = 40.5$ PSF (INTERIOR ZONE) ROOF COMPONENT & CLADDING LOAD.
 F2. $P_r = 47.3$ PSF (END ZONE) ROOF COMPONENT & CLADDING LOAD.
 F3. $P_r = 47.3$ PSF (CORNER ZONE) ROOF COMPONENT & CLADDING LOAD.
 G1. OVERHANG = 68.6 PSF (SIDE ZONE)
 G2. OVERHANG = 68.6 PSF (CORNER ZONE)
 H. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT. WALL HEIGHT: 96 1/4" MAX. SEISMIC DESIGN CATEGORY : C

Drawing Description Index	Page #	Drawing Description Index	Page #
Typical Elevations	1A, 1B	Cross Section Details	10A, 10B
Floor Plan	2	Ship Loose Window Protectors	11
Electrical Plan	3	Framing details	12A, B, C, D & E
Pressure System	4	Shearwalls	13A, 13B, 13C
Drain System	5, 6	Connection Details	14A, 15B
HVAC System	7, 8	Porch Framing Details	15
Off-Frame Foundation Plans	9A, 9B	Trusses	16
On-Frame Foundation Plans	9C.1-4, 9D, 9E	Calculation	17

P.E. Seal



3rd Party Stamp



OAK CREEK HOMES

4805 EAST LOOP 820 SOUTH FORT WORTH, TEXAS 76119

1240



Elevation may depict options at additional cost

Thermal Design Criteria (Insulation):

R-11 Floors; R-19 Walls; R-30 Min. Roof (Doors - U=.40 min.; Windows - U=.35 or better)

Building Site Installation Requirements:

The following items have not been completed by the building manufacturer, have not been inspected by the third party inspection agency, and are not certified by the state modular label and/or certification. Code compliance for these items must be determined at the local level:

- 1). The completed foundation support system and tie down and/or anchorage system.
- 2). Electrical service hookup (including any feeders or service wires/cables, or the Service Panel if not installed in factory).
- 3). Building drains, cleanouts, and hookups to plumbing system, or a portion thereof, and any/and/or all finish plumbing.
- 4). Ramps, stairs, and general means of access to the building.
- 5). Install R-6.5 insulation on all piping installed in unconditioned spaces.
- 6). HVAC system crossover ducts and/or entire HVAC systems or a portion thereof. (including but not limited to: below floor ducting, external heat pumps, A/C units, etc.)
- 7). Crawl space or basement light and switch.
- 8). Manufacturer's installation instructions shall be available on the job site at the time of inspection.

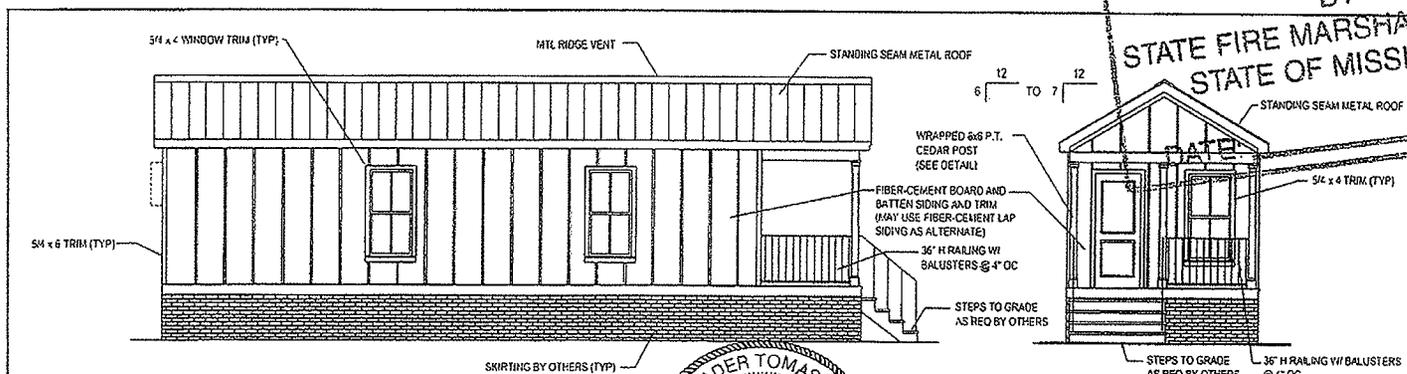
Additional Notes:

Typical foundation details provided w/ this drawing set. The design criteria herein is for this system only as shown. For other design deviations or special site requirements, consult a licensed Professional Engineer locally. If the foundation plans are designed by others, the designer of the building plans shall not be held responsible or liable for the foundation design and the consequential performance of the superstructure's structural components and systems related thereto.
 Areas within hurricane prone regions within one mile of the coastal mean high water line w/ wind speed of 110 or greater or a basic wind speed of 120 mph or greater must have window protection installed on-site by others. Window protection must meet the requirements of the code and the "Large Missile Test".
 STRUCTURE NOT TO BE LOCATED IN FLOOD PLANE AREAS UNLESS A LOCAL P.E. DESIGNS FOUNDATION FOR SUCH AREAS.
 ASCE 7-02 - Construction in areas where basic wind speeds exceed 110 mph to be designed by one of four methods described in section R301.2.1.1



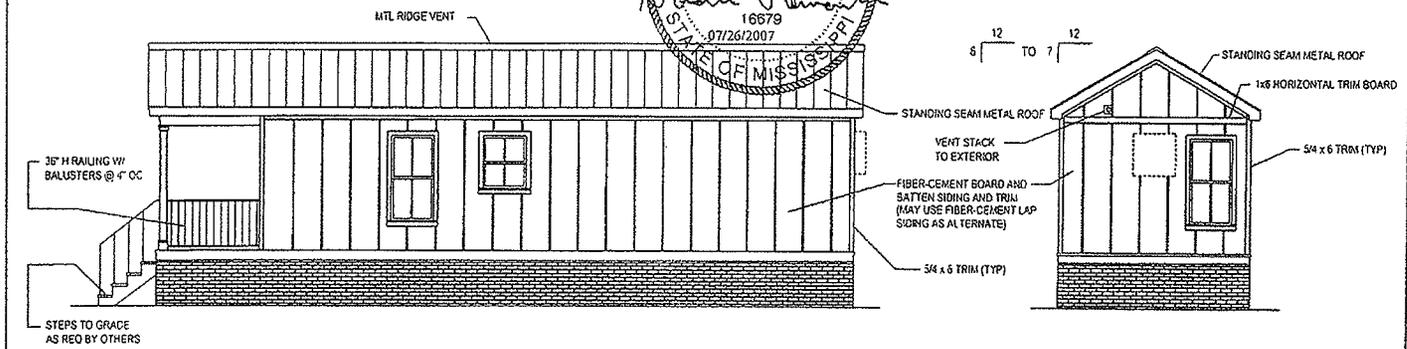
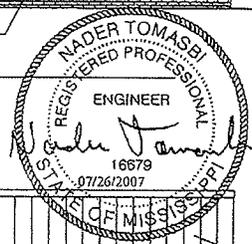
Disclaimer: These drawings have been prepared and reviewed in accordance with all applicable codes. This drawing set is not intended to be all inclusive, nor does this set detail every code required aspect of this building. Compliance with all applicable codes per local authority having jurisdiction whether detailed in this set or not must be met. This document is developed based on information provided by State of Mississippi Emergency Management Agency (project # STMS012507).

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STATE FIRE MARSHAL'S OFFICE
STATE OF MISSISSIPPI



LEFT ELEVATION

FRONT ELEVATION



RIGHT ELEVATION

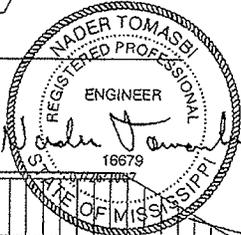
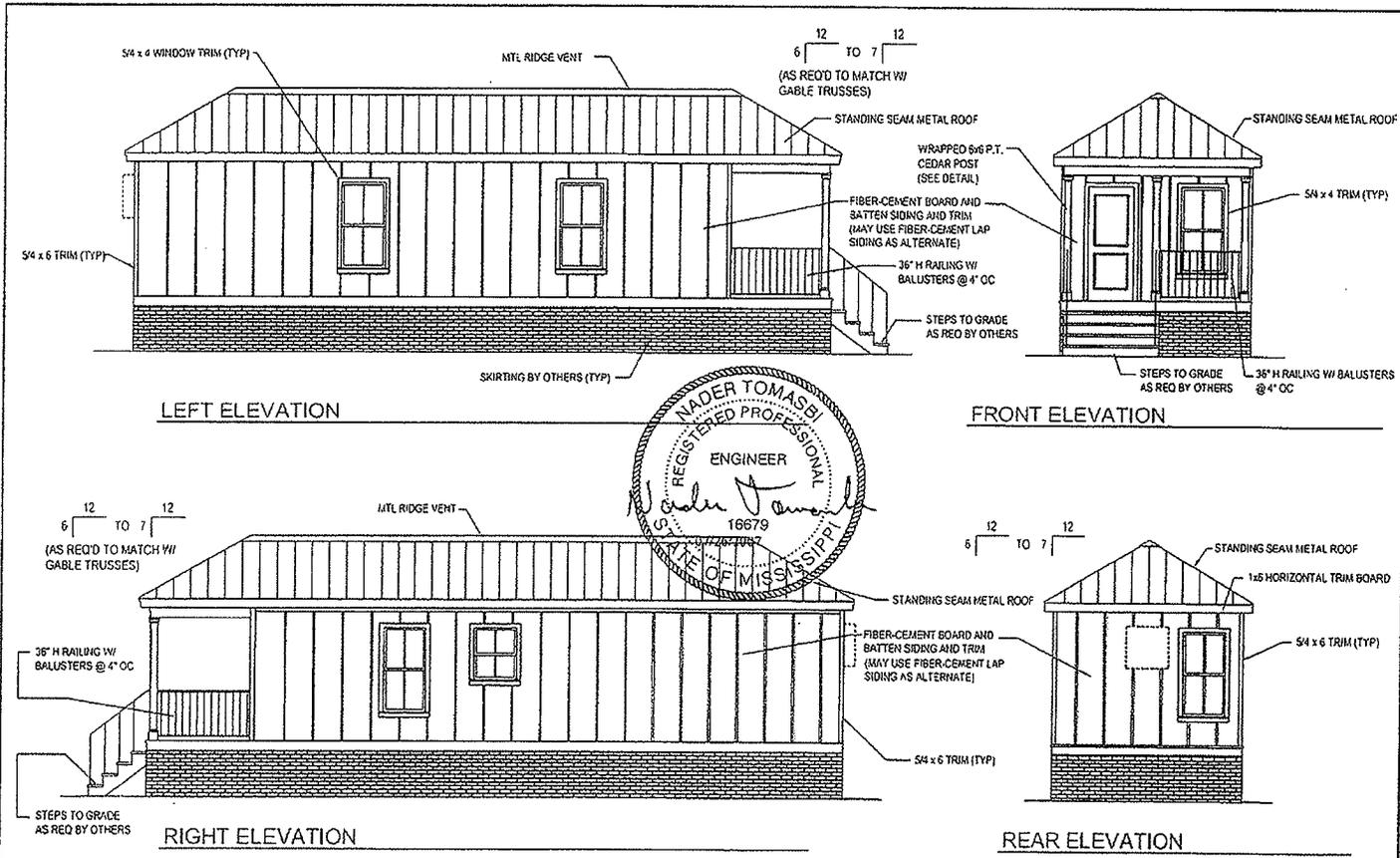
REAR ELEVATION

Must install 15/32" OSB or plywood, 32/16 rated sheathing under metal roof. Fasten sheathing to trusses with 7/16" x 1 1/2" x 15ga. staples or 0.131 x 2" nails 3" OC at edges and 3" OC field. Metal roof approval and installation must be provided by metal roof manufacturer for applied wind load (PE sealed) and is not part of this package.

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AUG 15 2007

REQUIRED ATTIC VENTILATION 1/300 WITH VENTILATED RIDGE AND SOFFIT 1.32 SQ. FT.

STMS012507 MS MODULAR	Title: Elevations		Drawn By: . Date: . Revised By: . Date: .	Model No. 1240	Pg. 1A
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NIA INC
 AUG 15 2007

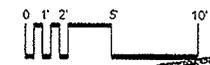
REQUIRED ATTIC VENTILATION 1/300 WITH VENTILATED RIDGE AND SOFFIT 1.32 SQ. FT.

Must install 15/32" OSB or plywood, 32/16 rated sheathing under metal roof. Fasten sheathing to trusses with 7/16" x 1 1/2" x 15ga. staples or 0.131 x 2" nails 3" OC at edges and 3" OC field. Metal roof approval and installation must be provided by metal roof manufacturer for applied wind load (PE sealed) and is not part of this package.

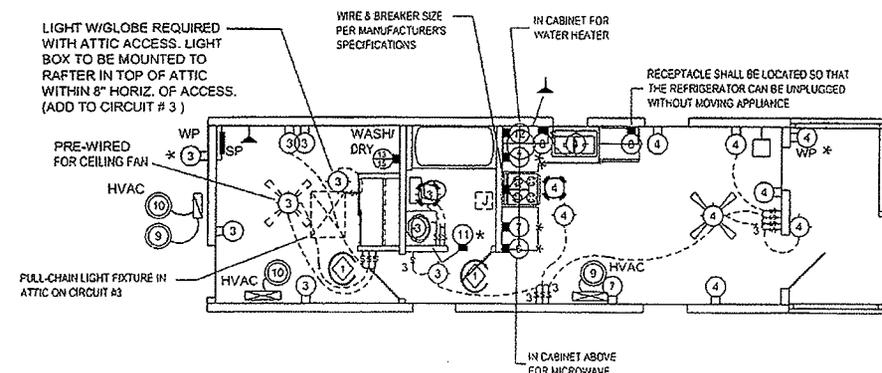
STMS012507 MS MODULAR	Title: Hip Roof Elevations		Drawn By: . Date: . Revised By: . Date: .	Model No. 1240	Pg. 1B
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SYMBOLS X = CIRCUIT NUMBER

- (X) 15A RECEPT (X) CEILING LIGHT † SINGLE SWITCH (T) THERMOSTAT ⬡ AC/DC SMOKE ALARM, ALL TO BE INTERCONNECTED PER MANUFACTURER'S INSTRUCTIONS AND ALL APPLICABLE CODES
- (X) MECHANICAL FAN (X) WALL MOUNTED LIGHT † 3-WAY SWITCH - - - SWITCH RUN ⬡ COMBINATION SMOKE ALARM AND CARBON MONOXIDE ALARM, TO BE INTERCONNECTED PER MANUFACTURER'S INSTRUCTIONS AND ALL APPLICABLE CODES
- (X) 20A RECEPT * GFCI PROTECTED † DOUBLE SWITCH □ TV JACK
- [] - J-BOX FOR ELECTRICAL CONNECTION † PHONE JACK Ⓢ
- ⊠ HVAC UNIT



APPROVED
BY
STATE FIRE MARSHAL'S OFFICE
STATE OF MISSISSIPPI
DATE: 8/19/07



APPROVED BY
AUG 15 2007
NIA INC

NOTE:
ALL HOMES ARE BUILT TO MEET THE 2005 NATIONAL ELECTRICAL CODE

NOTES:
ALL SMOKE ALARMS W/ BATTERY BACK-UP TO BE INTERCONNECTED WITH A 14 GAUGE MIN. INTERCONNECTION WIRE OR EQUIVALENT PER MANUFACTURER'S RECOMMENDATIONS.



000 -BRKR./WIRE SIZES TO BE DETERMINED AND SUPPLIED ON-SITE BY OTHERS.
ALL BRANCH CIRCUITS SUPPLYING 15A AND 20A OUTLETS IN BEDROOMS ARE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER IN ACCORDANCE WITH SECTION 210.12 OF THE NEC.

⊠ 22"X30" ATTIC ACCESS REQUIRED WHEN CLEAR HEIGHT OF ATTIC EXCEEDS 30".

SERVICE SIZE
125 AMPERE

CIRCUIT No.	DESCRIPTION	WIRE SIZE	BREAKER SIZE
1	GENERAL LIGHTING	14-2 WGR.	15A-S. POLE
2	N/A	N/A	N/A
3	GENERAL LIGHTING	14-2 WGR.	15A-S. POLE
4	GENERAL LIGHTING	14-2 WGR.	15A-S. POLE
5	N/A	N/A	N/A
6	MICROWAVE	12-2 WGR.	20A-D. POLE
7	APPLIANCE CIRCUIT	12-2 WGR.	20A-S. POLE
8	APPLIANCE CIRCUIT	12-2 WGR.	20A-S. POLE
9	HVAC SYSTEM INSTALLED PER MANUFACTURERS SPECS OR DESIGNED/INSTALLED BY OTHERS		
10			
11	BATH RECEPT CIRCUIT	12-2 WGR.	20A-S. POLE
12	WATER HEATER	10-2 WGR.	25A-S. POLE
13, 15	ELECTRIC W/D	12-2 WGR.	20A-D. POLE
14, 16	ELECTRIC RANGE	8-3 WGR.	40A-D. POLE

STMS012507
MS MODULAR

Title: **Electrical Plan**



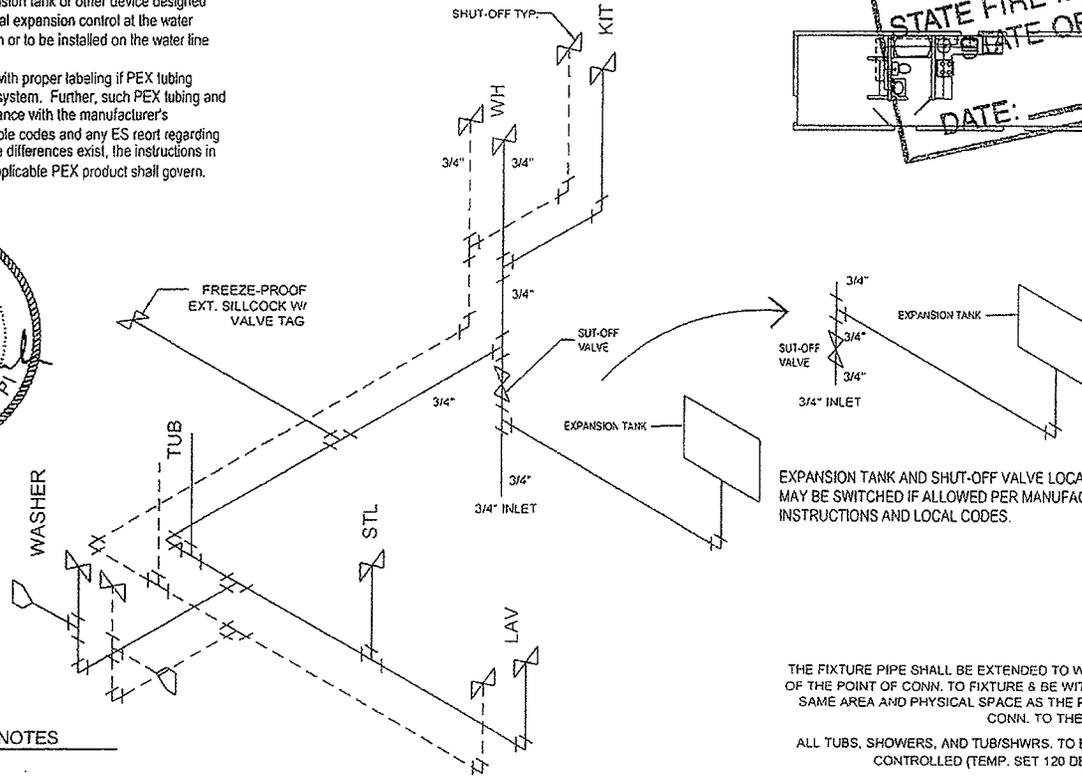
Drawn By: . Date: .
Revised By: . Date: .

Model No. **1240**

Pg. **3**

Ocean Springs - Provide an expansion tank or other device designed for intermittent operation for thermal expansion control at the water heater if a backflow preventer is on or to be installed on the water line or at the meter.

Long Beach - Provide a manifold with proper labeling if PEX tubing and fittings are installed on water system. Further, such PEX tubing and fittings shall be installed in accordance with the manufacturer's published instructions, the applicable codes and any ES report regarding the particular PEX product. Where differences exist, the instructions in any ES Report pertaining to the applicable PEX product shall govern.

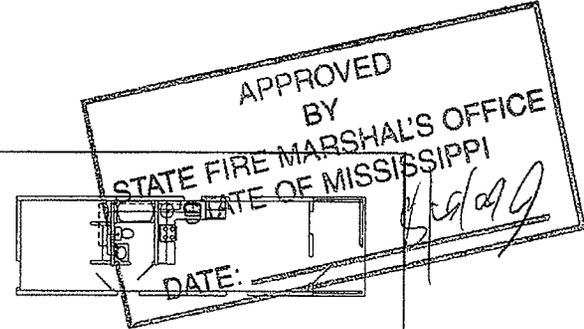


PRESSURE SYSTEM NOTES

- COLD LINE
- - - HOT LINE
- ⊗ SHUT-OFF VALVE
- ⊕ MECHANICAL WATER HAMMER ARRESTOR
- ALL LINES 1/2" UNLESS NOTED
- SEE FITTING CHART FOR INDEX

PIPE SUPPORT

- VERTICAL PIPING SUPPORTS AT 10' O.C. MAX. OR BETWEEN FLOOR LEVELS.
- HORIZONTAL PIPING SUPPORTS AT 4' O.C. MAX., ENDS OF BRANCHES, AND AT CHANGES IN ELEVATION AND/OR DIRECTION.



EXPANSION TANK AND SHUT-OFF VALVE LOCATIONS MAY BE SWITCHED IF ALLOWED PER MANUFACTURE'S INSTRUCTIONS AND LOCAL CODES.

THE FIXTURE PIPE SHALL BE EXTENDED TO WITHIN 12" OF THE POINT OF CONN. TO FIXTURE & BE WITHIN THE SAME AREA AND PHYSICAL SPACE AS THE POINT OF CONN. TO THE FIXTURE.

ALL TUBS, SHOWERS, AND TUB/SHWRS. TO BE TEMP. CONTROLLED (TEMP. SET 120 DEG. MAX.)

EXTERIOR WATER SPIGOT(S) TO BE FREEZELESS WITH VACUUM BREAK. LOCATION(S) MAY VARY.

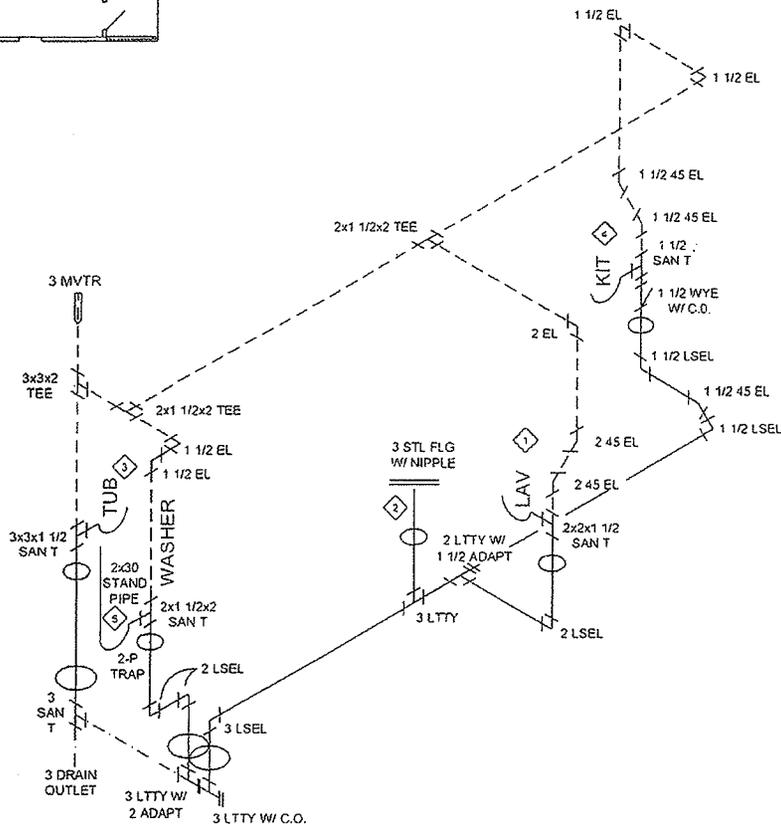
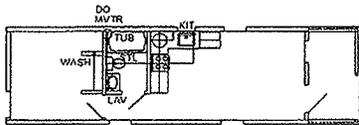
PRESSURE SYSTEM PLUMBING TO BE PEX, CPVC OR EQUAL MATERIAL. APPROVED FOR FRESH WATER APPLICATIONS. ANY TRANSITIONS TO MATERIALS OTHER THAN THE SPECIFIED MATERIAL MUST INCORPORATE AN APPROVED FITTING FOR CONNECTION.

ALL BELOW FLOOR PLUMBING ILLUSTRATIONS ARE RECOMMENDATIONS ONLY. ON-SITE CONDITIONS AND/OR RESTRICTIONS MAY REQUIRE SOME MODIFICATIONS.



STMS012507 MS MODULAR	Title: Pressure System	design•tech•inc	Drawn By: . Date: .	Model No. 1240	Pg. 4
			Revised By: . Date: .		

APPROVED
 BY
 STATE FIRE MARSHAL'S OFFICE
 STATE OF MISSISSIPPI
 DRAIN DROPS
 DATE: *8/15/07*



- 1 MASTER BATH LAV
- 2 MASTER BATH STOOL
- 3 MASTER BATH TUB
- 4 KIT SINK
- 5 CLOTHES WASHER

BELOW FLOOR DROPS
 TO BE CONNECTED
 ON-SITE BY OTHERS

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 AUG 15 2007
NIA INC



- - BELOW FLOOR DECKING
- - BELOW FLOOR ASSEMBLY

FOR CODES NOT ALLOWING AIR ADMITTANCE VALVES
 SEE PAGE 6 FOR ADDITIONAL NOTES, SPECS, DETAILS, ETC.

DRAIN SYSTEM NOTES

- - BELOW FLOOR DECKING
- - BELOW FLOOR ASSEMBLY

ALL BELOW FLOOR PLUMBING BY OTHERS

ALL FITTINGS BELOW BOTTOM CAN BE SHIPPED LOOSE

ALL BELOW FLOOR PLUMBING ILLUSTRATIONS ARE RECOMMENDATIONS ONLY. ON-SITE CONDITIONS AND/OR RESTRICTIONS MAY REQUIRE SOME MODIFICATIONS.

OPT. GARBAGE DISPOSAL TO BE LOCATED ON KITCHEN SINK WASTE ASSEMBLY

ALL VENTS THRU ROOF TO BE 3" 12" MIN. ABOVE AND BELOW ROOF PENETRATION

ALL P-TRAPS TO BE 1 1/2 UNLESS NOTED

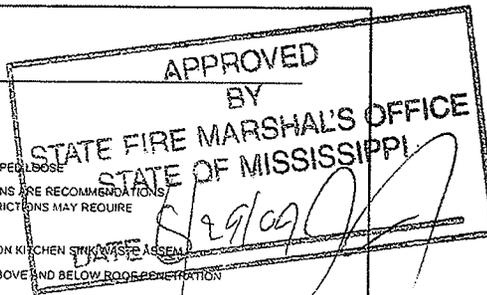
HORIZONTAL VENT SLOPE - 1/8" PER FOOT

HORIZONTAL DRAIN SLOPE - 1/4" PER FOOT

DRAIN, WASTE, AND VENT PLUMBING TO BE ABS PLASTIC, OR EQUAL, APPROVED FOR DWV APPLICATIONS.

ANY TRANSITIONS TO MATERIALS OTHER THAN THE SPECIFIED MATERIAL MUST INCORPORATE AN APPROVED FITTING FOR CONNECTION.

ALL PLUMBING TO MEET OR EXCEED CURRENT ADOPTED PLUMBING CODES

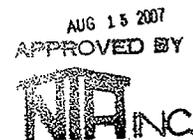


NOTCHES OR HOLES IN STUDS.

IN CONCEALED SPACES WHERE PIPING IS INSTALLED THROUGH HOLES OR NOTCHES IN STUDS LESS THAN 1 1/2" FROM EDGE FROM NEAREST EDGE OF THE MEMBER, THE PIPE SHALL BE PROTECTED BY SHIELD PLATES. PROTECTIVE SHIELD PLATES SHALL BE A MIN. OF 1/16" THICK STEEL. PLATES SHALL COVER AREA OF THE PIPE WHERE THE MEMBER IS NOTCHED OR BORED, AND SHALL EXTEND A MIN. OF 2" ABOVE SOLE PLATES AND BELOW TOP PLATES.

HOLES IN JOISTS

HOLES IN JOISTS, OR SIMILAR MEMBER MUST BE 2" MIN. FROM EDGE PER RCD & IRC 502.8 AND 802.7.1



PIPE SUPPORT

- VERTICAL PIPING ——— SUPPORTS AT 10' O.C. MAX. OR BETWEEN FLOOR LEVELS.
- HORIZONTAL PIPING ——— SUPPORTS AT 4' O.C. MAX., ENDS OF BRANCHES, AND AT CHANGES IN ELEVATION AND/OR DIRECTION.
- TRAP ARMS ——— SUPPORT LOCATED AS CLOSE TO TRAP AS POSSIBLE WHEN TRAP TO VENT EXCEEDS 3'.

SEE PAGE 5 FOR ADDITIONAL NOTES, SPECS., DETAILS, ETC.



STMS012507
KIS MODULAR

Title: Drain Line Notes



Drawn By: . Date: .
Revised By: . Date: .

Model No. 1240

Pg. 6



REScheck Software Version 4.0.1
Compliance Certificate

APPROVED BY
 AUG 15 2017



Report Date: 04/19/07
 Data filename: N:\MOD\01 INDIANA\RESHECK\12R-24 Wide\1240MS.rck

Energy Code: 2003 IECC
 Location: Holly Springs (Marshall), Mississippi
 Construction Type: Single Family
 Glazing Area Percentage: 10%
 Heating Degree Days: 3714

Construction Site: _____ Owner/Agent: _____ Designer/Contractor: _____

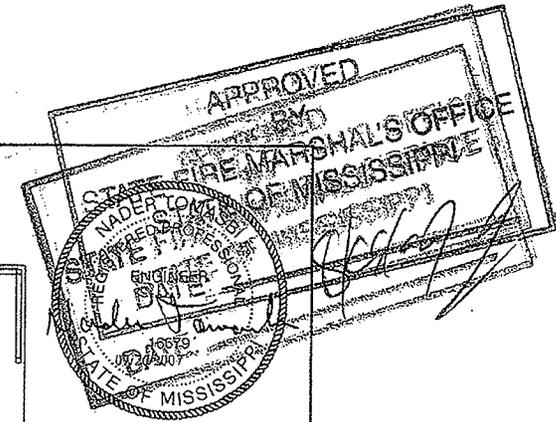
Compliance: **Passes** Maximum UA: 150 Your home UA: 128 -> 14.7% Better Than Code (UA)

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont R-Value	Glazing of Door U-Factor	UA
Ceiling 1: Flat Ceiling or Scissor Truss:	387	30.0	0.0		14
Wall 1: Wood Frame, 16" o.c.:	728	19.0	0.0		38
Window 1: Metal Frame:Double Pane with Low-E:	70			0.35	24.5
Door 1: Solid:	21			0.4	8.4
Floor 1: All-Wood Joist/Truss:Over Unconditioned Space:	387	11.0	0.0		28
Furnace 1: Forced Hot Air: 78 AFUE					
Air Conditioner 1: Electric Central Air: 13 SEER					

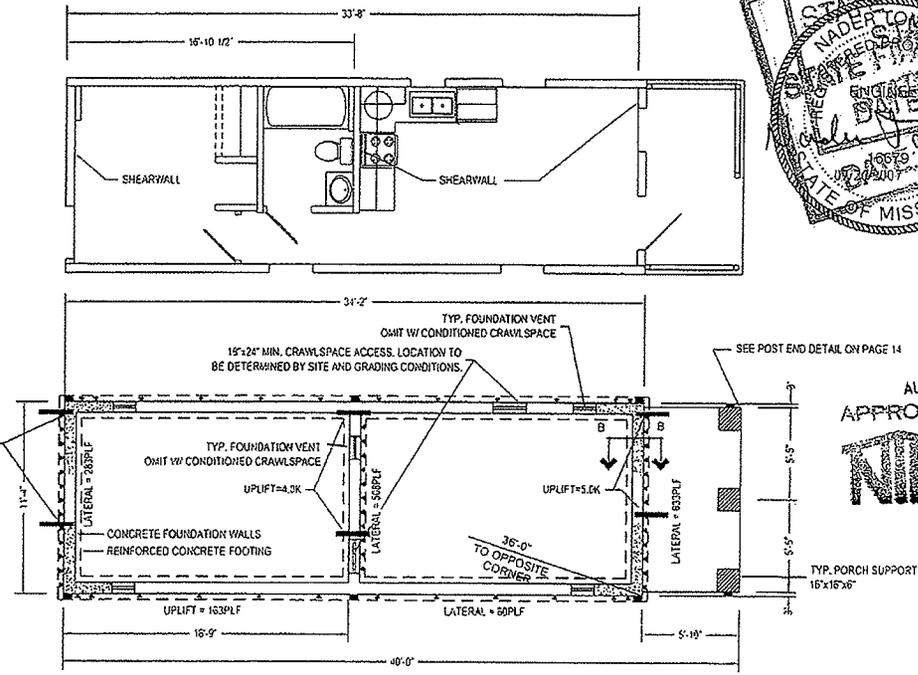
Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2003 IECC requirements in REScheck Version 4.0.1 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

 Name - Title Signature Date

NOTES:
 FOUNDATION TO BE DESIGNED TO MEET THE NOTED LOADS
 FOUNDATION DESIGN & TIE DOWN'S MUST BE APPROVED BY LOCAL
 LICENSE ENGINEER/ARCHITECT.



MAX. GROUND SNOW LOAD : 30 PSF
 MAX. WIND SPEED: 150 MPH
 WIND EXPOSURE: B
 MAX MEAN ROOF HEIGHT: 30'
 SEISMIC DESIGN CATEGORY: C
 FOUNDATION BASE ON
 2000 PSF SOIL



AUG 15 2007
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CRAWLSPACE VENTILATION REQUIRED: 2.68 SQ. FT.

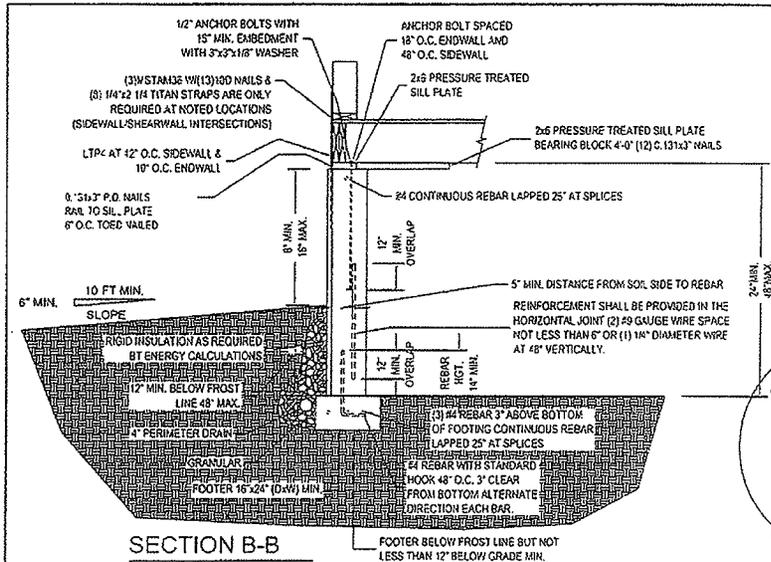
- (3) 1/2" x 1/4" x 1/2" ANCHORS W/ (3) 1/2" x 1/4" x 1/2" TITAN
- SIMPSON LTP4 PLATE, FASTEN TO SILL PLATE AND RIM JOIST W/ (8) 8D x 1 1/2" NAILS (6) PER EACH MEMBER

'OFF-FRAME' FOUNDATION NOTES:

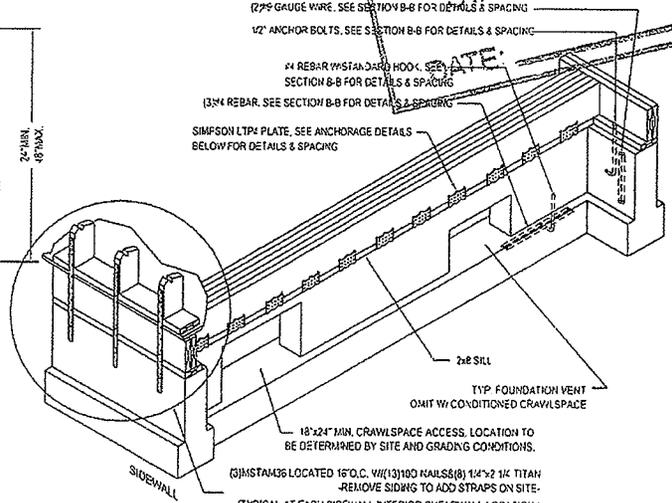
- 1) FOUNDATION LAYOUT IS APPLICABLE TO NOTED MAXIMUM SNOW LOADING AND MINIMUM SOIL BEARING PRESSURE. REFER TO INSTALLATION INSTRUCTION MANUAL FOR OTHER APPLICABLE INFORMATION. CONSULT LOCAL OFFICIALS AND THE APPLICABLE LOCAL CODES FOR OTHER REQUIREMENTS (I.E. DRAINAGE, DAMP-PROOFING, BACKFILL SUPPORT, ETC.).
- 2) FOR DEVIATIONS AND/OR OTHER FOUNDATION DESIGNS CONSULT A LOCAL PROFESSIONAL ENGINEER AND YOUR LOCAL BUILDING OFFICIAL.
- 3) SILL PLATE FASTENING TO BE PER INSTALLATION INSTRUCTION AND/OR LOCAL CODES. SILL FASTENING REQUIREMENT IS PER APPLICABLE WIND SPEED AND SEISMIC ZONES. SEE YOUR HOME DATA PLATE FOR APPLICABLE ZONES.
- 4) CONCRETE COMPRESSIVE STRENGTH (FC): 3000 PSI.

NOTE: SEE PAGE 9B
 FOR ADDITIONAL
 FOUNDATION INFORMATION

STMS012507 MS MODULAR	Title: Crawlspace Foundation (30psf)	design-tech-inc	Drawn By: . Date: . Revised By: . Date: .	Model No.	1240	Pg. 9A
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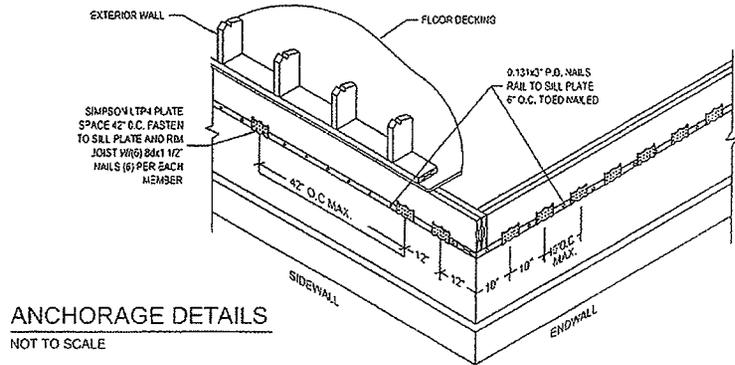


SECTION B-B



INTERIOR FOUNDATION SHEARWALL DETAIL

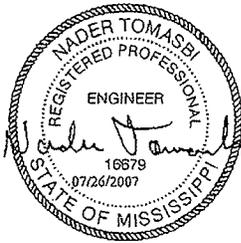
NOT TO SCALE



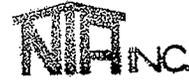
ANCHORAGE DETAILS

NOT TO SCALE

APPROVED
BY
STATE FIRE MARSHAL'S OFFICE
STATE OF MISSISSIPPI



AUG 15 2007
APPROVED BY



WIND SPEED 150 MPH
SEISMIC DESIGN CATEGORY C
SOIL CLASS: GW, GP, SW, AND SP.
LATERAL SOIL LOAD: 30 PS/FT
MAX. HEIGHT: 4'-0"
MAX. UNBALANCED FILL: 3'-4"

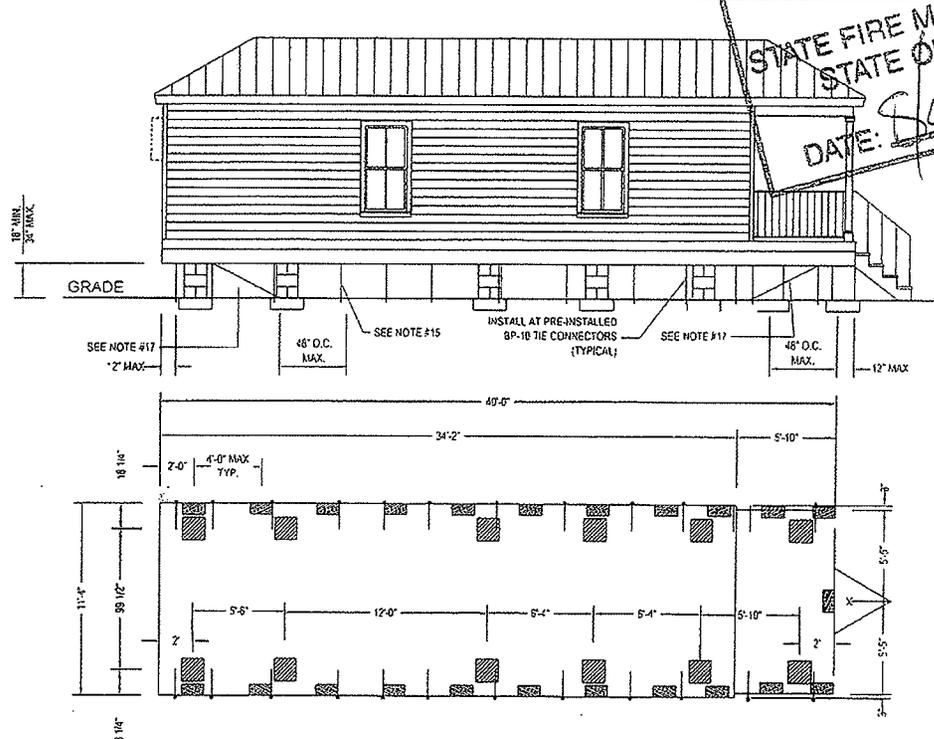
STMS012507 MS MODULAR	Title: Crawlspace Foundation (30psf)		Drawn By: . Date: . Revised By: . Date: .	Model No. 1240	Pg. 9B
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MAX. GROUND SNOW LOAD : 20 PSF
 MAX. WIND SPEED: 150 MPH
 WIND EXPOSURE: B
 MAX MEAN ROOF HEIGHT: 30'
 SEISMIC DESIGN CATEGORY: C



FOUNDATION BASE ON
 800 PSF SOIL

ALL PERIMETER FOOTERS TO BE 16"x16"x6"
 CONCRETE OR EQUIVALENT RATED FOR
 1100 lbs IN NOTED SOIL BEARING
 PRESSURE. (SEE NOTE #6).
 ALL FRAME FOOTERS TO BE 24"x24"x6" OR
 EQUIVALENT RATED FOR 2467 lbs. IN
 NOTED SOIL BEARING PRESSURE.



APPROVED
 BY
 STATE FIRE MARSHAL'S OFFICE
 STATE OF MISSISSIPPI
 DATE: 8/19/07

AUG 15 2007
 APPROVED BY
 NIA INC

'ON-FRAME STANDARD I-BEAM' FOUNDATION NOTES:

- 1) FOUNDATION LAYOUT IS APPLICABLE TO NOTED MAX. SNOW LOADING, WIND LOAD, SEISMIC CATEGORY & MIN. SOIL BEARING PRESSURE. REFER TO THE INSTALLATION INSTRUCTION MANUAL FOR OTHER APPLICABLE INFORMATION. CONSULT LOCAL OFFICIALS AND THE APPLICABLE LOCAL CODES FOR OTHER REQUIREMENTS (I.E. DRAINAGE, DAMP-PROOFING, BACKFILL SUPPORT, ETC).
- 2) FOR DEVIATIONS &/OR OTHER FOUNDATION DESIGNS CONSULT A LOCAL PROFESSIONAL ENGINEER & YOUR LOCAL BUILDING OFFICIAL.
- 3) CONCRETE COMPRESSIVE STRENGTH (FC): 3000 PSI MINIMUM.
- 4) 6" CAST-IN-PLACE FOOTING WHEN SPECIFIED.
- 5) ALL FOOTINGS MUST BE 12" MIN. INTO NATURAL SOIL & MUST BE BELOW FROST LINE.
- 6) PERIMETER PIER SPACING MAY INCREASE TO 8'-0" O.C. W/ 24"x24"x6" FOOTING OR EQUIVALENT RATED FOR 2200 lbs.

ABS pads listed by independent testing agency may be used if the rated capacity is in excess of noted pier loads, properly approved for the site conditions and is acceptable to the Local Authority Having Jurisdiction"

NOTE: SEE PAGE 9D FOR ADDITIONAL FOUNDATION INFORMATION

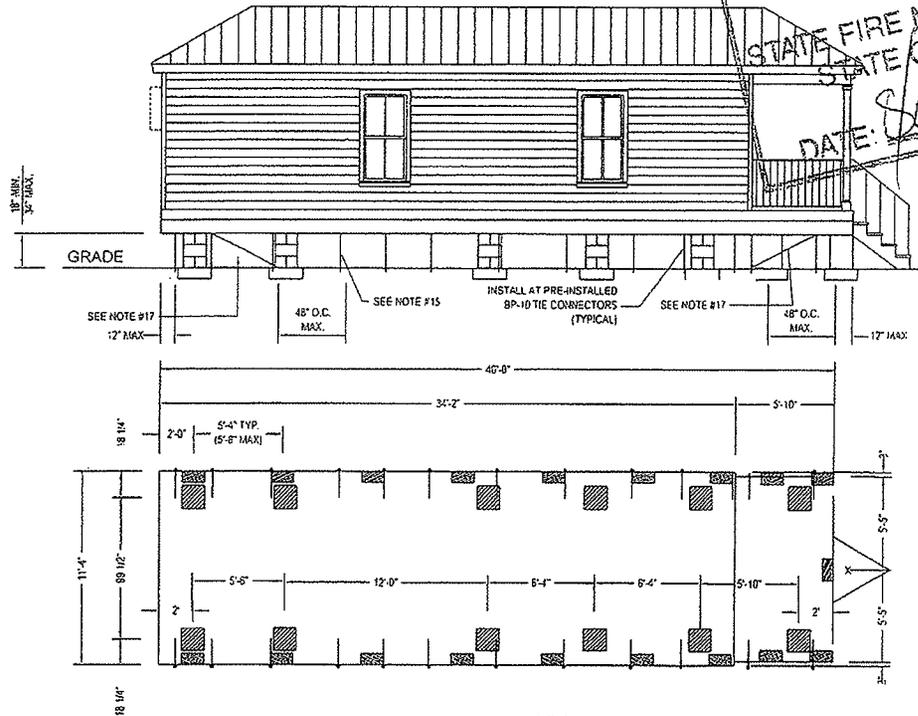
STMS012507 MS MODULAR	Title: TEMP. FOUNDATION REQ		Drawn By:	Date:	Model No. 1240	Pg. 9C.1
			Revised By:	Date:		

MAX. GROUND SNOW LOAD : 20 PSF
 MAX. WIND SPEED: 150 MPH
 WIND EXPOUSURE: B
 MAX MEAN ROOF HEIGHT: 30'
 SEISMIC DESIGN CATEGORY: C



FOUNDATION BASE ON
 1000 PSF SOIL

ALL PERIMETER FOOTERS TO BE 16"x16"x6"
 CONCRETE OR EQUIVALENT RATED FOR
 1460 lbs IN NOTED SOIL BEARING
 PRESSURE. (SEE NOTE #6).
 ALL FRAME FOOTERS TO BE 24"x24"x6" OR
 EQUIVALENT RATED FOR 2467 lbs. IN
 NOTED SOIL BEARING PRESSURE.



* NOTES PIER LOADS AT EACH LOCATION.
 PERIMTER PIERS MAY ROTATED AS REQ.

"ON-FRAME STANDARD I-BEAM" FOUNDATION NOTES:

- 1) FOUNDATION LAYOUT IS APPLICABLE TO NOTED MAX. SNOW LOADING, WIND LOAD, SEISMIC CATEGORY & MIN. SOIL BEARING PRESSURE. REFER TO THE INSTALLATION INSTRUCTION MANUAL FOR OTHER APPLICABLE INFORMATION. CONSULT LOCAL OFFICIALS AND THE APPLICABLE LOCAL CODES FOR OTHER REQUIREMENTS (I.E. DRAINAGE, DAMP-PROOFING, BACKFILL SUPPORT, ETC.).
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- 3) CONCRETE COMPRESSIVE STRENGTH (FC): 3000 PSI MINIMUM.
- 4) 6" CAST-IN-PLACE FOOTING WHEN SPECIFIED.
- 5) ALL FOOTINGS MUST BE 12" MIN. INTO NATURAL SOIL & MUST BE BELOW FROST LINE.
- 6) PERIMETER PIER SPACING MAY INCREASE TO 8'-0" O.C. W/ 24"x24"x6" FOOTING OR EQUIVALENT RATED FOR 2200 lbs.

ABS pads listed by independent testing agency may be used if the rated capacity is in excess of noted pier loads, properly approved for the site conditions and is acceptable to the Local Authority Having Jurisdiction"

NOTE: SEE PAGE 9D FOR ADDITIONAL FOUNDATION INFORMATION

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 STATE OF MISSISSIPPI
 DATE: 8/9/07

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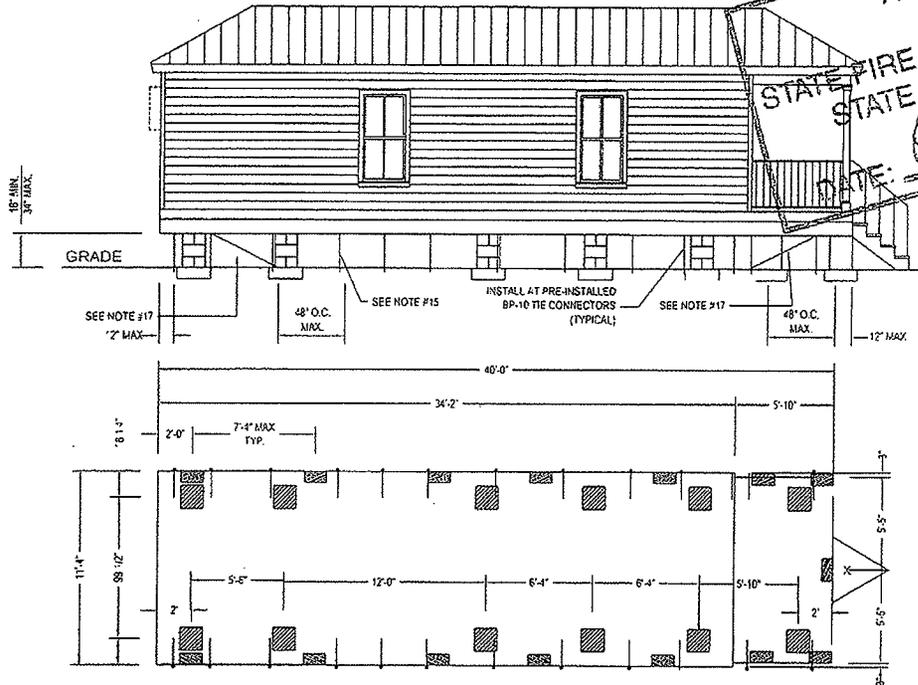
STMS012507 MS MODULAR	File: TEMP. FOUNDATION REQ	design+tech+inc	Drawn By: . Date: . Revised By: . Date: .	Model No. 1240	Pg. 9C.2
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MAX. GROUND SNOW LOAD : 20 PSF
 MAX. WIND SPEED: 150 MPH
 WIND EXPOSURE: B
 MAX MEAN ROOF HEIGHT: 30'
 SEISMIC DESIGN CATEGORY: C



FOUNDATION BASE ON
 1200 PSF SOIL

ALL PERIMETER FOOTERS TO BE 16"x16"x6"
 CONCRETE OR EQUIVALENT RATED FOR
 1810 lbs IN NOTED SOIL BEARING
 PRESSURE. (SEE NOTE #6).
 ALL FRAME FOOTERS TO BE 24"x24"x6" OR
 EQUIVALENT RATED FOR 2467 lbs. IN
 NOTED SOIL BEARING PRESSURE.



* NOTES PIER LOADS AT EACH LOCATION.
 PERIMTER PIERS MAY ROTATED AS REQ.

'ON-FRAME STANDARD I-BEAM' FOUNDATION NOTES:

- 1) FOUNDATION LAYOUT IS APPLICABLE TO NOTED MAX. SNOW LOADING, WIND LOAD, SEISMIC CATEGORY & MIN. SOIL BEARING PRESSURE. REFER TO THE INSTALLATION INSTRUCTION MANUAL FOR OTHER APPLICABLE INFORMATION. CONSULT LOCAL OFFICIALS AND THE APPLICABLE LOCAL CODES FOR OTHER REQUIREMENTS (I.E. DRAINAGE, DAMP-PROOFING, BACKFILL SUPPORT, ETC.).
- 2) FOR DEVIATIONS &/OR OTHER FOUNDATION DESIGNS CONSULT A LOCAL PROFESSIONAL ENGINEER & YOUR LOCAL BUILDING OFFICIAL.
- 3) CONCRETE COMPRESSIVE STRENGTH (FC): 3000 PSI MINIMUM.
- 4) 6" CAST-IN-PLACE FOOTING WHEN SPECIFIED.
- 5) ALL FOOTINGS MUST BE 12" MIN. INTO NATURAL SOIL & MUST BE BELOW FROST LINE.
- 6) PERIMETER PIER SPACING MAY INCREASE TO 10'-0" O.C. W/ 24"x24"x6" FOOTING OR EQUIVALENT RATED FOR 2470 lbs.

ABS pads listed by independent testing agency may be used if the rated capacity is in excess of noted pier loads, properly approved for the site conditions and is acceptable to the Local Authority Having Jurisdiction"

NOTE: SEE PAGE 9D FOR ADDITIONAL FOUNDATION INFORMATION

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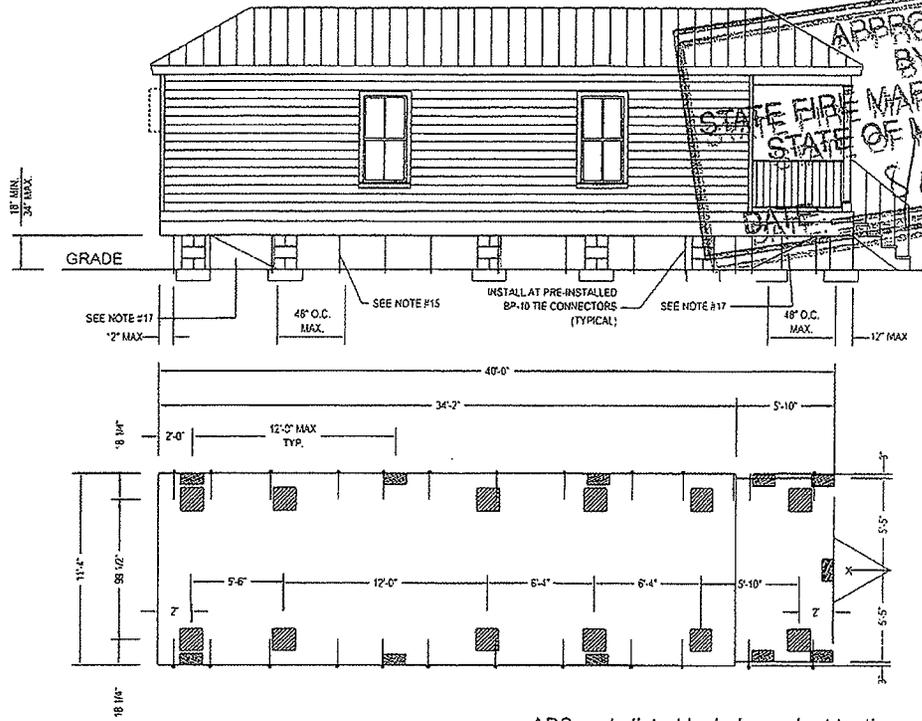
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MAX. GROUND SNOW LOAD : 20 PSF
 MAX. WIND SPEED: 150 MPH
 WIND EXPOSURE: B
 MAX MEAN ROOF HEIGHT: 30'
 SEISMIC DESIGN CATEGORY: C



FOUNDATION BASE ON
 2000 PSF SOIL

ALL PERIMETER FOOTERS TO BE 16"x16"x6"
 CONCRETE OR EQUIVALENT RATED FOR
 3280 lbs IN NOTED SOIL BEARING
 PRESSURE. ALL FRAME FOOTERS TO BE
 24"x24"x6" OR EQUIVALENT RATED FOR
 2467 lbs. IN NOTED SOIL BEARING
 PRESSURE.



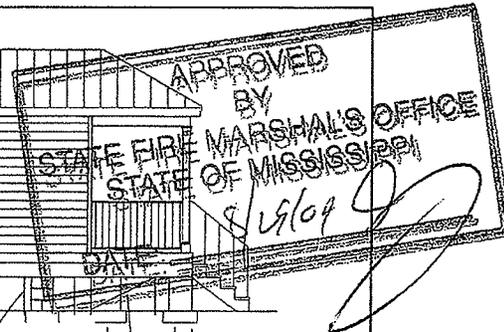
* NOTES PIER LOADS AT EACH LOCATION.
 PERIMTER PIERS MAY ROTATED AS REQ.

'ON-FRAME STANDARD I-BEAM' FOUNDATION NOTES:

- 1) FOUNDATION LAYOUT IS APPLICABLE TO NOTED MAX. SNOW LOADING, WIND LOAD, SEISMIC CATEGORY & MIN. SOIL BEARING PRESSURE. REFER TO THE INSTALLATION INSTRUCTION MANUAL FOR OTHER APPLICABLE INFORMATION. CONSULT LOCAL OFFICIALS AND THE APPLICABLE LOCAL CODES FOR OTHER REQUIREMENTS (I.E. DRAINAGE, DAMP-PROOFING, BACKFILL SUPPORT, ETC.).
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- 3) CONCRETE COMPRESSIVE STRENGTH (FCI): 3000 PSI MINIMUM.
- 4) 6" CAST-IN-PLACE FOOTING WHEN SPECIFIED.
- 5) ALL FOOTINGS MUST BE 12" MIN. INTO NATURAL SOIL & MUST BE BELOW FROST LINE.

ABS pads listed by independent testing agency may be used if the rated capacity is in excess of noted pier loads, properly approved for the site conditions and is acceptable to the Local Authority Having Jurisdiction"

NOTE: SEE PAGE 9D FOR ADDITIONAL FOUNDATION INFORMATION

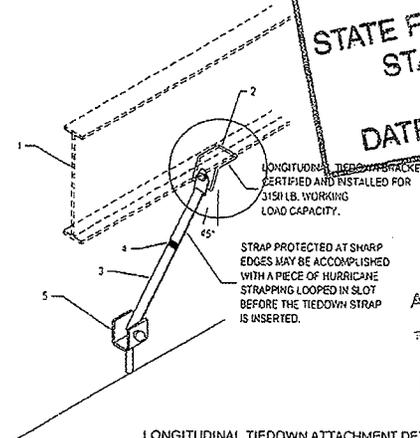


STMS012507 MS MODULAR	TITLE: TEMP. FOUNDATION REQ		Drawn By: .	Date: .	Model No. 1240	Pg. 9C.4
			Revised By: .	Date: .		

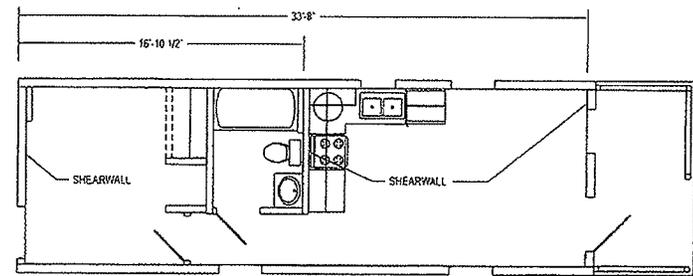
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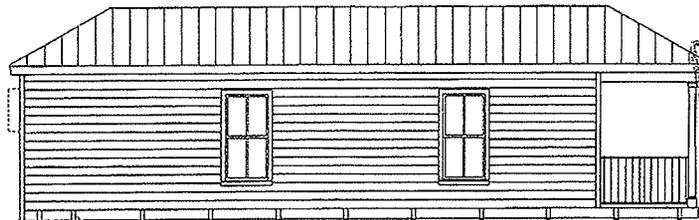
1. ALL ORGANIC AND DECAYABLE MATERIAL, SUCH AS GRASS, ROOTS, SCRAP WOOD MUST BE REMOVED BELOW THE HOME.
2. THE SITE SHALL BE PROPERLY GRADED TO PERMIT WATER TO DRAIN AWAY FROM THE HOME.
3. 6-MIL POLYETHYLENE SHEETING VAPOR BARRIER MUST BE INSTALLED COVERING THE ENTIRE AREA BENEATH THE HOME. THE SHEETING SHALL OVERLAP AT LEAST 6" AT ALL JOINTS.
4. THE FOOTING MUST BE PRE-CAST OR POUR-IN-PLACE CONCRETE AT LEAST 6" THICK OR DESIGNED BY A REGISTERED ENGINEER FOR THE LOCAL SOIL CONDITIONS.
5. PIERS TO BE DOUBLE 8"x16" BLOCK. MORTAR OR EXTERIOR STRUCTURAL COATING WHEN REQUIRED BY LOCAL OFFICIALS / CODES.
6. THE PIER SHALL BE CAPPED WITH 2" MAXIMUM HIGH CONCRETE OR WOOD CAP BLOCKS AND 4"x8" HARDWOOD SHIMS TO LEVEL THE HOME. THE SHIMS SHALL COVER THE ENTIRE WIDTH OF THE CAP BLOCKS AND USED IN PAIRS AND DRIVEN TIGHTLY SO THEY DO NOT OCCUPY MORE THAN ONE INCH OF VERTICAL SPACE.
7. THE PIER SHALL BE SPACED A MAXIMUM OF 2 FEET FROM EACH END OF HOME AND A MAXIMUM OF 8 FEET ON CENTER.
8. ADDITIONAL PIERS SHALL BE LOCATED UNDER THE POSTS.
9. THE ANCHOR STRAP SHALL BE A MINIMUM TYPE 1, FINISH B, GRADE ONE STEEL STRAPPING, 1 1/4" WIDE AND 0.035 INCHES THICK CERTIFIED BY A REGISTER ENGINEER CONFORMING WITH ASTM STANDARD D3953.91.
10. THE GROUND ANCHORS MUST HAVE A MINIMUM DESIGN CAPACITY FOR THE SOILS INTENDED OF 3150# CERTIFIED BY A REGISTERED ENGINEER.
11. THE GROUND ANCHORS MUST BE INSTALLED PER THE MANUFACTURERS INSTALLATION REQUIREMENTS.
12. THE TIE-DOWN STRAPS MUST BE PRETENSIONED PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS.
13. ALL GROUND ANCHORS MUST BE LOCATED 12" ABOVE THE WATER TABLE.
14. ALL GROUND ANCHORS MUST BE INSTALLED BELOW THE FROST LINE.
15. VERTICAL AND DIAGONAL TIES 12" FROM PORCH END AND 4'-0" O.C. AND IN LINE WITH DIAGONAL TIES.
16. ADDITIONAL VERTICAL TIES SHALL BE LOCATED AT INTERIOR SHEARWALL LOCATIONS.
17. LONGITUDINAL TIES AT EACH I-BEAM EACH END

APPROVED
BY
STATE FIRE MARSHAL'S OFFICE
STATE OF MISSISSIPPI
DATE: 8/9/09



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INSTALL BP-10 TIE CONNECTOR BY BUILDING TECHNOLOGIES
 (FASTEN TO BOTTOM PLATE W/2" PHX" SCREWS) OR
 18 GA. RIM JOIST BRACKET BY MASTERCRAFT
 FASTEN TO RIM W/5/16x1 1/2" NAILS OR
 (S/16x1 1/2" SCREWS) OR EQUIVALENT 48" O.C.

48" TYP.

LEFT ELEVATION

APPROVED
 BY
 STATE FIRE MARSHAL'S OFFICE
 STATE OF MISSISSIPPI
 DATE: 8/29/09

NOTE:

1. MAY USE ANY OTHER EQUIVALENT METHODS FOR VERTICAL STRAPS.
2. CONNECTORS SHOWN ARE ONLY FOR TEMPORARY INSTALLS AND MUST BE REMOVED FOR PERMANENT SET UP.



RIGHT ELEVATION

TEMPORARY



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STMS012507
 MS MODULAR

Title:
 Temporary Foundation Tie down Strapping

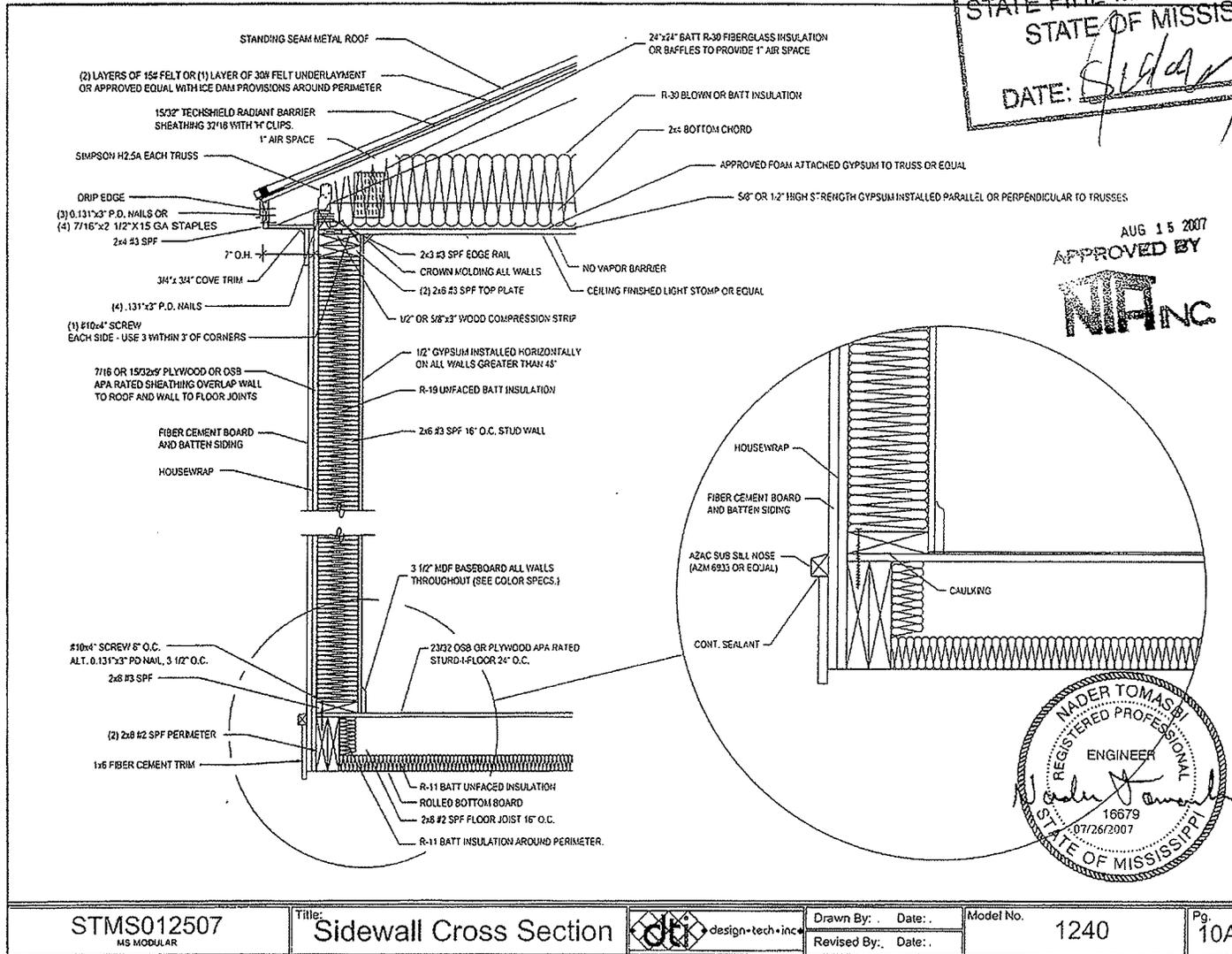


Drawn By: . Date: .
 Revised By: . Date: .

Model No. 1240

Pg. 9E

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 BY
 STATE FIRE MARSHAL'S OFFICE
 STATE OF MISSISSIPPI
 DATE: *Siddan*



STMS012507
 MS MODULAR

Title: Sidewall Cross Section



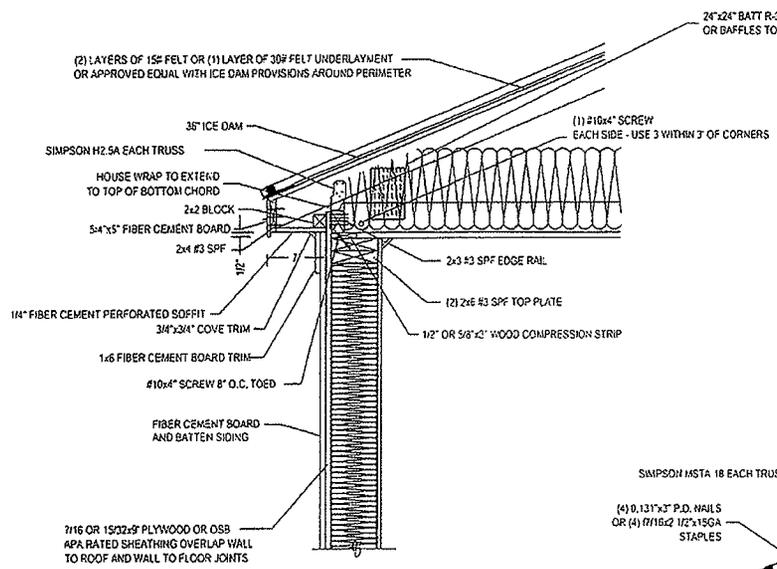
Drawn By: . Date: .
 Revised By: . Date: .

Model No.

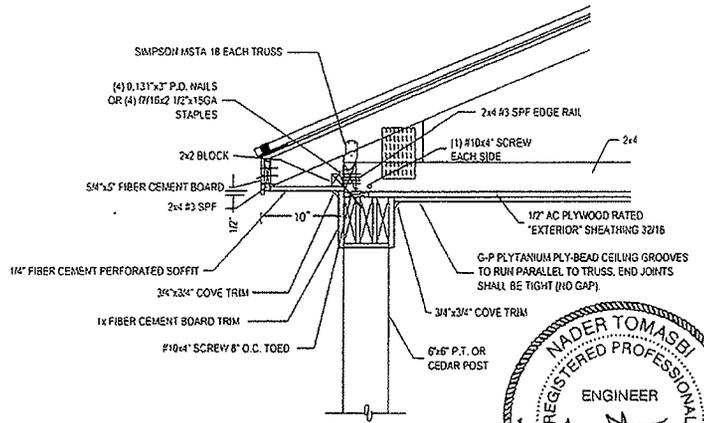
1240

Pg 10A

APPROVED
BY
STATE FIRE MARSHAL'S OFFICE
STATE OF MISSISSIPPI
DATE 8/22/09

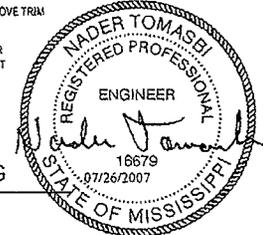


STANDARD SIDEWALL OVERHANG
NOT TO SCALE



PORCH SIDEWALL OVERHANG
NOT TO SCALE

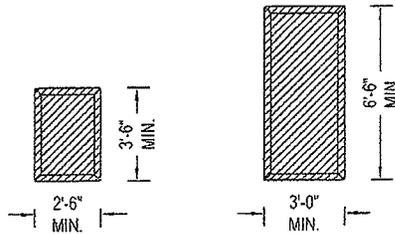
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AUG 15 2007
NIA INC



3'x6' MAX. WINDOW SIZE x 54.2 PSF=975.2#
 SCREWS: 82x1.6x1" PENT. = 131#
 975.2/13=7.4 OR 8 SCREWS.

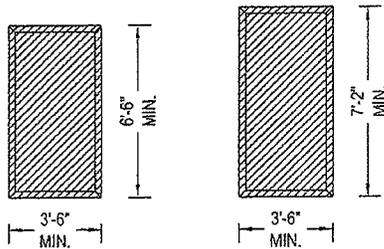
PERIMETER OF SMALLEST
 WINDOW (2+3)x2x12-120"

120/8=15" O.C.



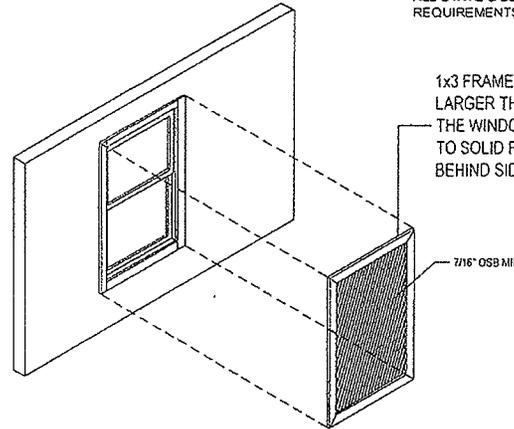
KITCHEN WINDOW
 1-REQ.
 1x3 EDGES FRAMING
 SQUARE OR 45° CUT
 WITH 7/16" OSB COVERING
 MINIMUM

LIVING & DINING ROOM WINDOW
 4-REQ.
 1x3 EDGES FRAMING
 SQUARE OR 45° CUT
 WITH 7/16" OSB COVERING
 MINIMUM



BEDROOM WINDOW
 1-REQ.
 1x3 EDGES FRAMING
 SQUARE OR 45° CUT
 WITH 7/16" OSB COVERING
 MINIMUM

OPTIONAL FRONT DOOR
 1-REQ.
 1x3 EDGES FRAMING
 SQUARE OR 45° CUT
 WITH 7/16" OSB COVERING
 MINIMUM



WIND BORNE DEBRIS PROTECTION DETAIL

APPROVED

STATE FIRE MARSHAL'S OFFICE
 STATE OF MISSISSIPPI

HOMES INSTALLED IN WIND-DEBRIS REGIONS MUST HAVE PROVISIONS TO PROTECT THE EXTERIOR GLAZING IN WINDOWS AND DOOR. LOCAL OFFICIAL MUST BE CONSULTED TO DETERMINE IF A SPECIFIC AREA IS LOCATED IN WIND-DEBRIS REGIONS. THE PROTECTION FOR EXTERIOR GLAZING MAY BE PROVIDED BY:

A 7/16" MINIMUM APART SHEATHING SHALL MUST BE PROVIDED. SHEATHING SHALL BE PRECUT SO THEY SHALL BE ATTACHED TO THE FRAMING SURROUNDING THE OPENING CONTAINING THE PRODUCT WITH THE GLAZED OPENING. PANEL SHALL BE PRECUT AS REQUIRED FOR THE FASTENING AND ALL REQUIRED HARDWARE SHALL BE PROVIDED.

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 AUG 15 2007
 NIA INC

NOTE:
 PRE-ENGINEERED WINDOW/DOOR
 PROTECTORS MAY BE INSTALL
 ON-SITE BY OTHERS. (MUST MEET
 ALL STATE & LOCAL CODE
 REQUIREMENTS

USE #8 SCREWS (1" MIN.
 PENETRATION INTO
 RECEIVING MEMBER) 15"
 O.C. MAX.



STMS012507
 MS MODULAR

Title: Ship Loose Window Protectors



Drawn By: . Date: .
 Revised By: . Date: .

Model No.

1240

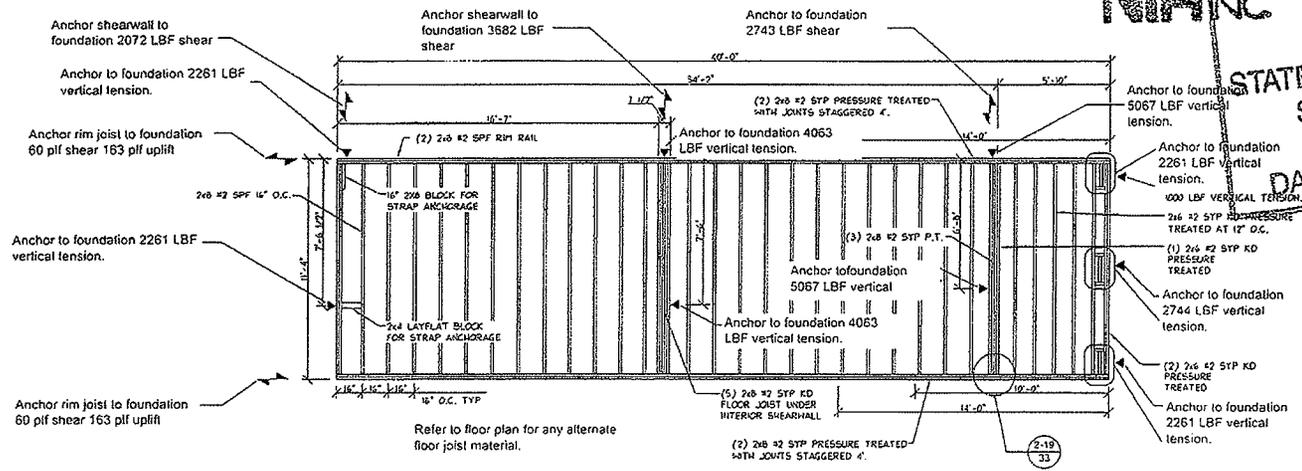
Pg. 11

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STATE OF MISSISSIPPI

DATE: 8/15/07



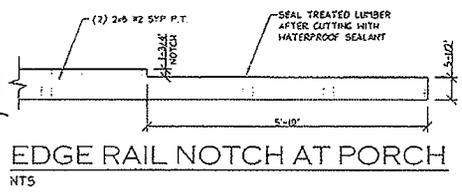
Refer to floor plan for any alternate floor joist material.

ERECTING NOTES:

- PERIMETER RAIL TO TRANSVERSE JOIST (8) 1 3/8" P.D. NAILS.
- PERIMETER SPLICE 4x4x20 GA CONNECTOR EACH SIDE OR EQUAL.
- RIM RAIL MEMBERS FASTENED TOGETHER WITH 1 3/8" P.D. NAILS 2 ROWS 12" O.C. STAGGERED.
- 2x2 OSB OR PLYWOOD APA RATED STURD-I-FLOOR 24" O.C. DECKING TO JOIST 7/16x1-3/4x5 GA STAPLE OR 09x2" P.D. NAILS 4" O.C. EDGE 8" O.C. FIELD WITH 1001 ADHESIVE.
- ADHESIVE REQUIRED ON T&G AND PERIMETER RAILS.
- COMPOSITE DECK BOARD TO JOIST (2) 10x2" PER JOIST (COMPOSITE DECK BOARD TO BE INSTALLED PER MANUFACTURERS INSTRUCTIONS).
- BOTTOM BOARD (1/2", SHEPARD MOBILE FLEX OR EQUAL) FASTENED WITH 1 3/8"x1/4" GA STAPLES 4" O.C.
- ALL FASTENERS AND CONNECTOR PLATES INTO TREATED LUMBER MUST BE STAINLESS STEEL OR GALVANIZED STEEL APPROVED FOR TREATED LUMBER.
- BOTTOM BOARD AND INSULATION NOT INSTALLED IN PORCH AREA.
- MULTIPLE JOIST FASTENED TOGETHER WITH (2) ROWS OF 1 3/8" P.D. NAILS, OR 7/16"x2 1/2" W/5GA, STAPLES 6" O.C. WITH 1001 ADHESIVE.
- NOTCHES IN JOIST TO BE PER IRC R502.2

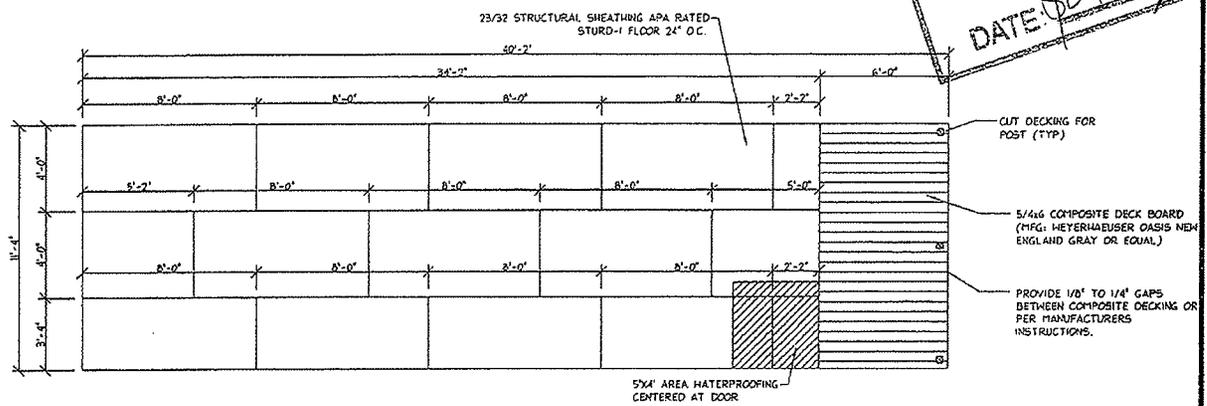


FLOOR FRAMING
SCALE: 3/16"=1'-0"



Harrison County - Provide that wood joists or the bottom of a wood structural floor when closer than 18" or wood gridders when closer than 12" to the exposed ground in the ground in crawl spacs or unexcavated area located within the periphery of the building foundation shall be treated.

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 STATE OF MISSISSIPPI
 DATE: 8/9/07



FLOOR DECKING

- FRAMING NOTES:
1. PERIMETER RAIL TO TRANSVERSE JOIST (8) J31x3' P.D. NAILS.
 2. PERIMETER SPLICE 4x4x20 GA CONNECTOR EACH SIDE OR EQUAL.
 3. DOUBLE JOIST J31x3' P.D. NAILS 2 ROWS 12" O.C. STAGGERED.
 4. 23/32 OSB OR PLYWOOD APA RATED STURD-I FLOOR 24' O.C. DECKING TO JOIST 7/8x4-3/4x15 GA STAPLE OR 8x12x2 P.D. NAILS 4' O.C. EDGE 8' O.C. FIELD WITH 100% ADHESIVE.
 5. ADHESIVE REQUIRED ON TAG AND PERIMETER RAILS.
 6. COMPOSITE DECK BOARD TO JOIST (2) #8x2" SCREWS PER JOIST (COMPOSITE DECK BOARD TO BE INSTALLED PER MANUFACTURERS INSTRUCTIONS).
 7. BOTTOM BOARD (MFG: SHEPARD MOBILEFLEX OR EQUAL) FASTENED WITH 1"x3/4"x1/4 GA STAPLES 4' O.C.
 8. ALL FASTENERS AND CONNECTORS INTO TREATED LUMBER MUST BE STAINLESS STEEL OR GALVANIZED STEEL APPROVED FOR TREATED LUMBER.
 9. BOTTOM BOARD AND INSULATION NOT INSTALLED IN PORCH AREA.
 10. MULTIPLE JOIST FASTENED TOGETHER WITH (2) ROWS OF J31x3' P.D. NAILS, OR 7/16"x2 1/2"x15GA, STAPLES 4' O.C. WITH 100% ADHESIVE.
 11. ALL DECKING SEAMS MUST BE SANDED UNDER LINOLEUM OR TILE

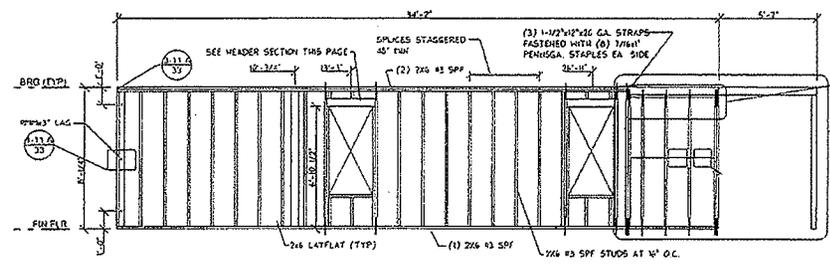


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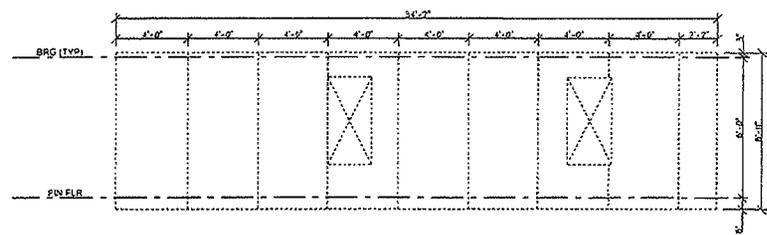
♦ dti ♦ design · tech · inc ♦

Floor decking layout
 Page 12B

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 STATE OF MISSISSIPPI
 DATE: 8/19/09



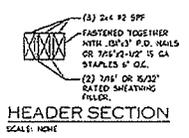
See post details on page 15



WALL FRAMING NOTES:

1. FASTEN WALL TO FLOOR WITH (3) #4x3' SCRD-S OR (3) 137x3' P.D. NAILS EVERY 16" O.C.
2. FASTEN 1/2" DRYWALL TO STUDS WITH #6x1 1/4" DRY WALL SCREWS OR 1-5/8" DRYWALL NAILS 6" O.C. EDGES AND #6x1-1/4" DRYWALL SCREWS 16" O.C. FIELD WITH 100# ADHESIVE
- 2.A 1/2" DRYWALL INSTALLED HORIZONTAL ON ALL WALLS GREATER THAN 4'
3. FASTEN TOP AND BOTTOM PLATES TO STUDS WITH (5) 18"x3' P.D. NAILS OR (7) 7/16"x2-1/2" GAUGE STAPLES
4. FASTEN DOUBLE TOP PLATES WITH 187x3' P.D. NAILS OR 7/16"x2-1/2" GAUGE STAPLES 4" O.C.
5. FASTEN 7/16" OSB OR 1/2" PLYWOOD RATED SHEATHING 327x4" INDEX TO STUDS WITH 7/16"x1-1/2" IS GAUGE STAPLES 4" O.C. EDGES AND FIELD
6. 7/16" OSB OR 1/2" PLYWOOD 41x4" RATED SHEATHING 327x4" INDEX CONTINUOUS OVER JOINTS BETWEEN FLOOR/WALL AND WALL/ROOF EXCEPT AT FRONT ENDWALL.
7. FASTENING OF SHEATHING TO PERIMETER FLOOR JOIST AND ROOF EDGE RAIL 7/16"x1-1/2" IS GAUGE STAPLES 3" O.C.
8. FASTEN SHEATHING TO ENDWALLS AND WITHIN 4' OF CORNER ON SIDE WALLS WITH 7/16"x2-1/2" IS GAUGE STAPLES 3" O.C. EDGE, 4" O.C. FIELD

9. HEADERS AND SILL FASTEN TO STUD WITH (5) 18"x3' P.D. NAILS OR (7) 7/16"x2-1/2" IS GAUGE STAPLES EACH END EACH MEMBER
10. MULTIPLE STUDS FASTEN ON TOGETHER WITH 18"x3' P.D. NAILS OR 7/16"x2-1/2" IS GAUGE STAPLE 4" O.C.
11. WALL TO WALLS FASTENED TOGETHER WITH 187x3' P.D. NAILS OR #6x3" SCREW 16" O.C. PLUS (3) 100x3" LAGS (ONE LAG 1" FROM TOP AND BOTTOM OF STUD AND ONE LAG AT MID-POINT).
12. STRAP EACH STUD TO RIM JOIST AT DOORS AND WINDOWS (SIDEWALL) WITH 1-1/2" X27x27x3" GAUGE STRAP FASTENERS WITH (6) 7/16"x1" PEN #15 GA STAPLES OR (6) 200x107' P.D. NAIL EACH END AND AT 2x6 HEADERS AT PORCH AS SHOWN.
13. MOUSE WRAP INSTALLED PER MANUFACTURERS INSTRUCTIONS.
14. EXTERIOR SIDING INSTALLED PER MANUFACTURERS INSTRUCTIONS FOR HIGH WIND.
15. WINDOWS INSTALLED PER MANUFACTURERS INSTRUCTIONS FOR DP RATINGS 5-13.0 MPH.
16. IMPACT RESISTANCE MUST BE MET FOR WINDOWS AND DOORS.
17. SPLICE BOTTOM PLATE AND LOWER TOP PLATE 3/16"x3/16" GAUGE CONNECTOR PLATE EACH SIDE OR EQUAL.
18. FASTEN ENDWALL TO SIDEWALL TOP PLATES WITH 3/16"x3/16" PLATE WITH (4) 187x3' P.D. NAILS EACH SIDE EQUAL.
19. NOTCHING IN STUDS SHALL BE PER DOC. R602.6

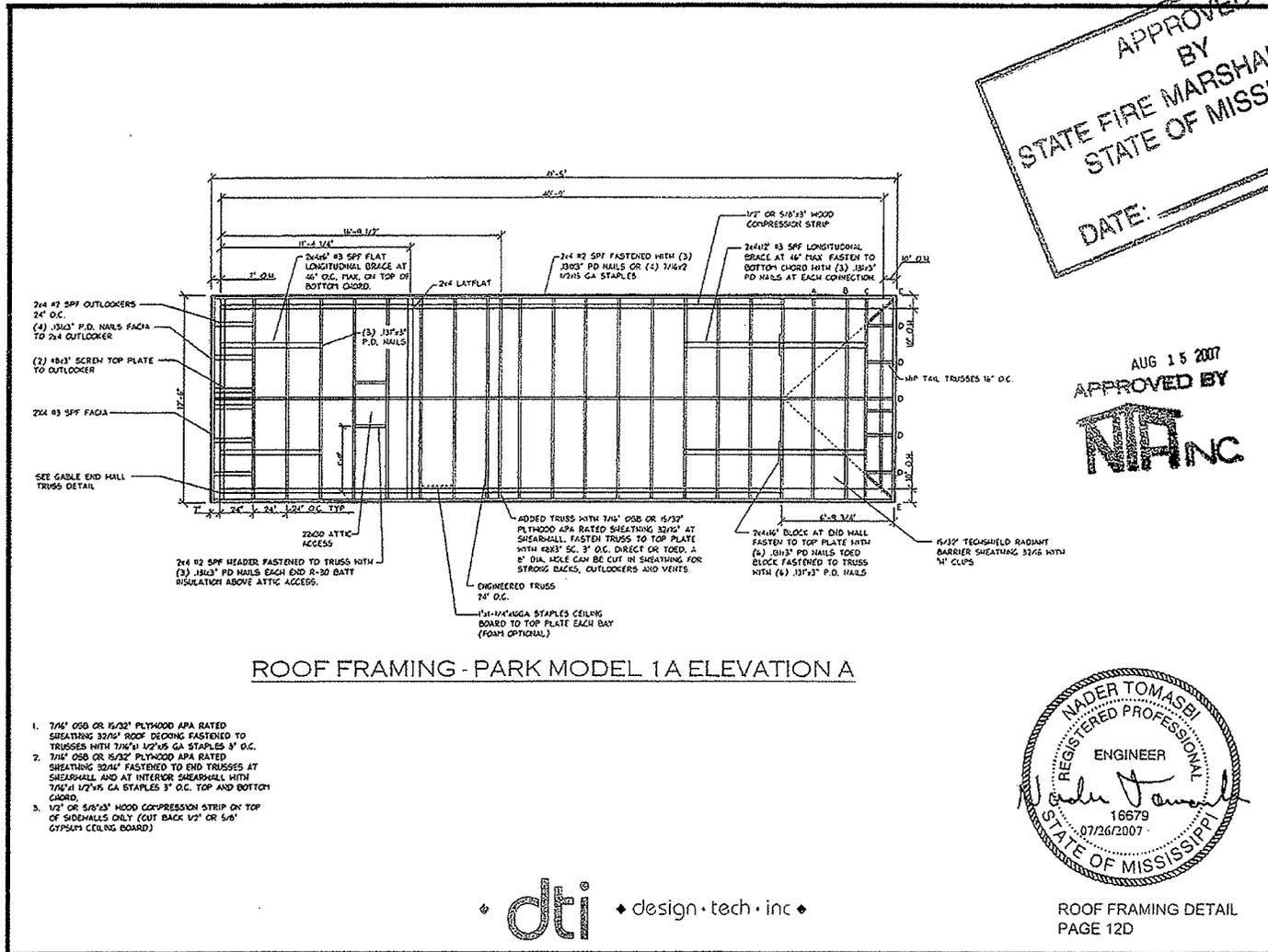


HEADER SECTION
 SCALE: NONE

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SIDEWALL DETAIL
 PAGE 12C

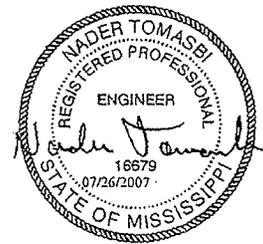
APPROVED
 BY
 STATE FIRE MARSHAL'S OFFICE
 STATE OF MISSISSIPPI
 DATE: 8/19/09



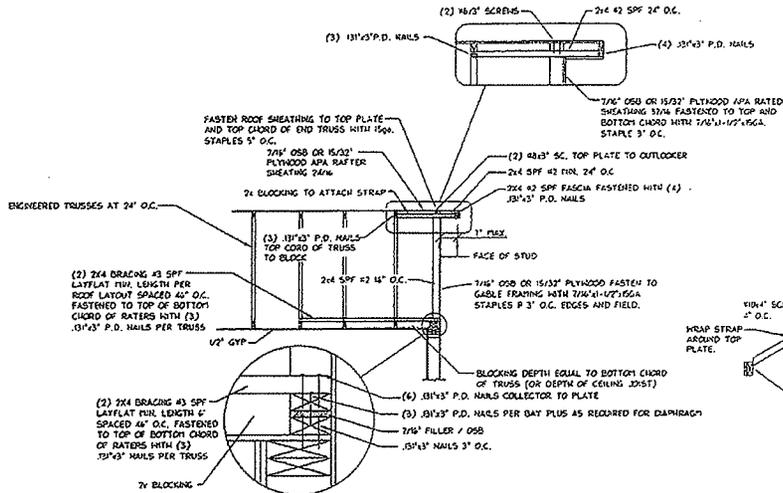
AUG 15 2007
 APPROVED BY
 NIA INC

ROOF FRAMING - PARK MODEL 1A ELEVATION A

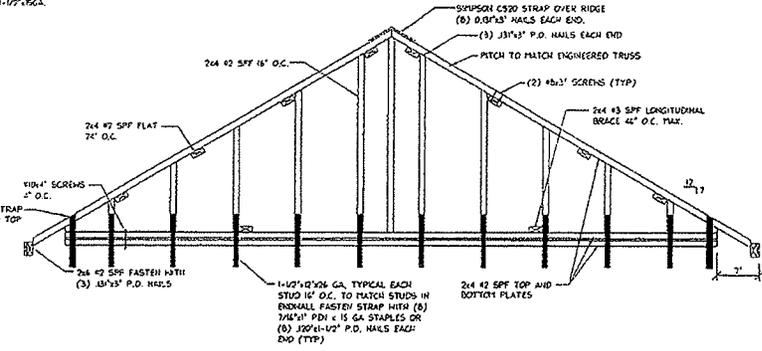
1. 7/16\" OSG OR 1/2\" PLYWOOD APA RATED SHEATHING 32/16\" ROOF DECKING FASTENED TO TRUSSES WITH 7/16\"x1 1/2\"x5 GA STAPLES 3\" O.C.
2. 7/16\" OSG OR 1/2\" PLYWOOD APA RATED SHEATHING 32/16\" FASTENED TO END TRUSSES AT SHEARWALL AND AT INTERIOR SHEARWALL WITH 7/16\"x1 1/2\"x5 GA STAPLES 3\" O.C. TOP AND BOTTOM CHORD.
3. 1/2\" OR 5/8\"x2\" WOOD COMPRESSION STRIP ON TOP OF SIDEHALLS ONLY (CUT BACK 1/2\" OR 5/8\" OVERHANG CEILING BOARD)



APPROVED
 BY
 STATE FIRE MARSHAL'S OFFICE
 STATE OF MISSISSIPPI
 DATE: 8/29/09

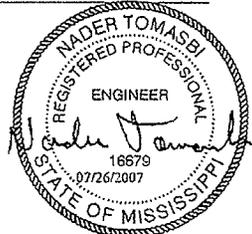


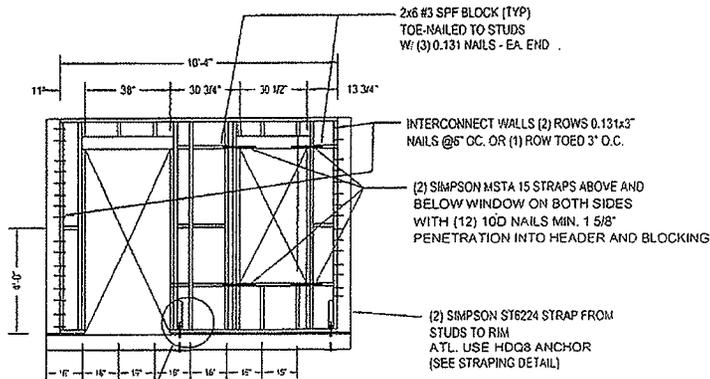
GABLE END BLOCKING AND BRACING DETAIL (REAR END DETAIL)
 SCALE: NONE



GABLE END WALL TRUSS FRONT VIEW
 SCALE: NONE

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 AUG 15 2007
 NIA INC.



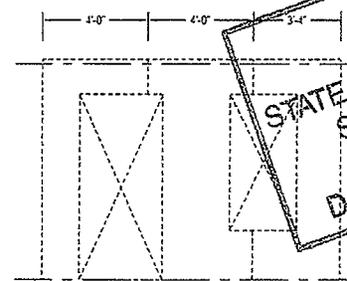


SEE TIE DOWN DETAIL THIS PAGE

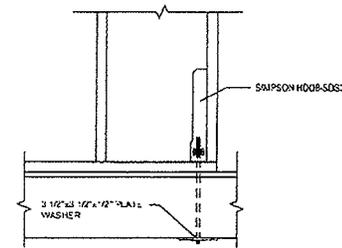


WALL FRAMING NOTES:

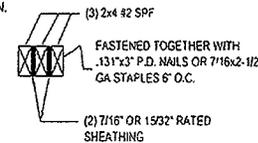
1. FASTEN BOTTOM PLATE TO JOIST WITH .131x3" NAILS OR #8x3" SCREWS AT 3" O.C. (16 PER BAY)
2. FASTEN 1/2" DRYWALL TO STUDS WITH #6 X 1 1/4" DRY WALL SCREWS OR 1 5/8" DRYWALL NAILS 6" O.C. EDGES 16" O.C. FIELD WITH 80% ADHESIVE
3. FASTEN TOP AND BOTTOM PLATES TO STUDS WITH (3) .131x3" P.D. NAILS OR (4) 7/16 X 2 1/2 X 15 GAUGE STAPLES
4. FASTEN DOUBLE TOP PLATES WITH 0.131 X 3" P.D. NAILS 6" O.C. OR 7/16 X 2 1/2 X 15 GAUGE STAPLES 4" O.C.
5. FASTENING OF SHEATHING TO PERIMETER FLOOR JOIST AND ROOF EDGE RAIL 7/16 X 1 1/2 X 15 GAUGE STAPLES 3" O.C.
6. FASTEN SHEATHING TO ENDWALLS AND WITHIN 4' OF CORNER ON SIDE WALLS WITH 7/16 X 2 1/2 X 15 GAUGE STAPLES 3" O.C. EDGE, 6" O.C. FIELD MIN.
7. HEADERS AND SILLS FASTEN TO STUD WITH (5) .131X3" P.D. NAILS OR (7) 7/16 X 2 1/2 X 15 GAUGE STAPLES EACH AND EACH MEMBER.
8. MULTIPLE STUDS FASTEN ON TOGETHER WITH .131 X 3" P.D. NAILS OR 7/16 X 2 1/2 X 15 GAUGE STAPLE 2" O.C.
9. WALL TO WALLS FASTENED TOGETHER WITH .131 X 3" P.D. NAILS OR #8 X 3" SC. 10" O.C.
10. STRAP EACH STUD TO RIM JOIST AT DOORS AND WINDOWS WITH 1 1/2 X 12" X 26 GAUGE STRAP FASTENERS WITH (6) 7/16 X 1 PEN X 16 GA STAPELS OR (8) .120 X 1 1/2 P.D. NAIL EACH END.
11. HOUSE WRAP INSTALLED PER MANUFACTURERS INSTRUCTIONS.
12. EXTERIOR SIDING INSTALLED PER MANUFACTURERS INSTRUCTIONS FOR HIGH WIND
13. WINDOWS INSTALLED PER MANUFACTURERS INSTRUCTIONS FOR DP RATING 52.5 MIN.
14. SPLICE BOTTOM PLATE AND LOWER TOP PLATE 3K5X20 GAUGE CONNECTOR PLATE EACH SIDE OR 12" 2x6 BLOCK.
15. FASTEN ENDWALL TO SIDEWALL TOP PLATES WITH 3"x6"x.035 PLATE WITH (4) .13x3" NAILS EACH SIDE EQUAL.



7'-16" APA RATED SHEATHING WITH STUDS AT 16" O.C. OR 15'-32" APA RATED SHEATHING ON BOTH FACES, WITH .131x3" NAILS AT 4" O.C. EDGE AND 6" O.C. FIELD. 15GA STAPLES 3" O.C. PANEL FORCE 633 PLF.



ALTERNATIVE
TIE DOWN DETAIL
SCALE: NONE



HEADER SECTION
SCALE: NONE

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STATE FIRE MARSHAL'S OFFICE
STATE OF MISSISSIPPI
DATE: 8/16/09 JJA

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NIA INC

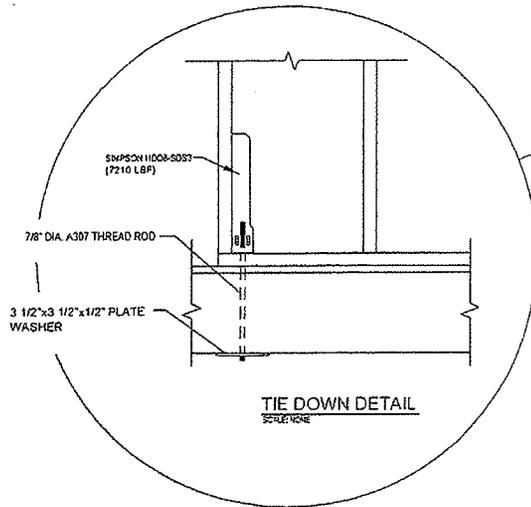
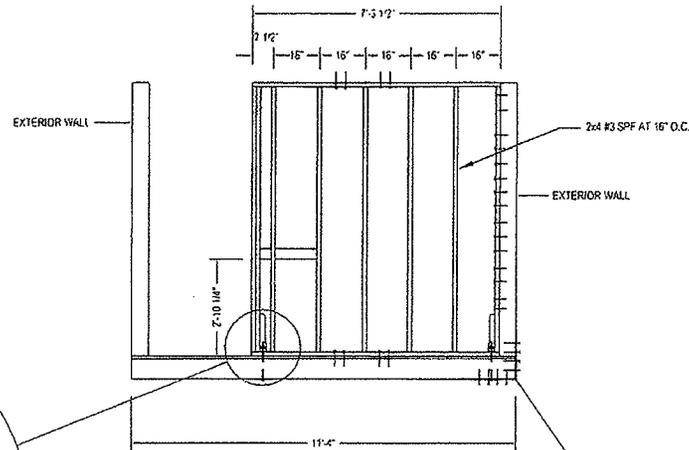
STMS012507 MS MODULAR	Title: Front Shearwall		Drawn By: . . . Date: . . .	Model No.	1240	Pg. 13A
			Revised By: . . . Date: . . .			

WALL FRAMING NOTES:

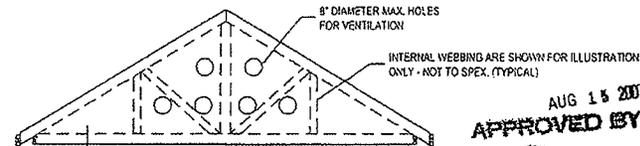
1. FASTEN WALL TO FLOOR AND WALL TO CEILING WITH (7) # 8x3" SCREWS PER BAY
2. FASTEN 1/2" DRYWALL TO STUDS WITH #6 X 1 1/4" DRY WALL SCREWS OR 1 5/8" DRYWALL NAILS 8" O.C. EDGES 16" O.C. FIELD WITH 100% ADHESIVE
3. FASTEN TOP AND BOTTOM PLATES TO STUDS WITH (3) 0.131x3" P.D. NAILS OR (3) 7/16"x2 1/2"x15 GAUGE STAPLES
4. HEADERS FASTEN TO STUD WITH (3) 0.131x3" P.D. NAILS OR (3) 7/16"x2 1/2"x15 GAUGE STAPLES EACH AND EACH MEMBER.
5. WALL TO WALLS FASTENED TOGETHER WITH 0.131x3" P.D. NAILS OR #8x3" SC. 4" O.C. DIRECT OR TOED.

7/16" APA RATED SHEATHING WITH STUDS AT 16" O.C. OR 1/2" APA RATED SHEATHING ON ONE SIDE, WITH 0.131x3" NAILS AT 3" O.C. EDGE AND 6" O.C. FIELD OR 15GA STAPLES AT 7" O.C. AND 6" FIELD. STAGGER NAILS IN DOUBLE STUDS AT PANEL EDGES SHEARWALL (DOUBLE STUDS REQUIRED ONLY W/ 15 GA. STAPLES). PANEL FOR CE 508 PL.

APPROVED BY
STATE FIRE MARSHAL'S OFFICE
OF MISSISSIPPI
DATE: 8/29/07

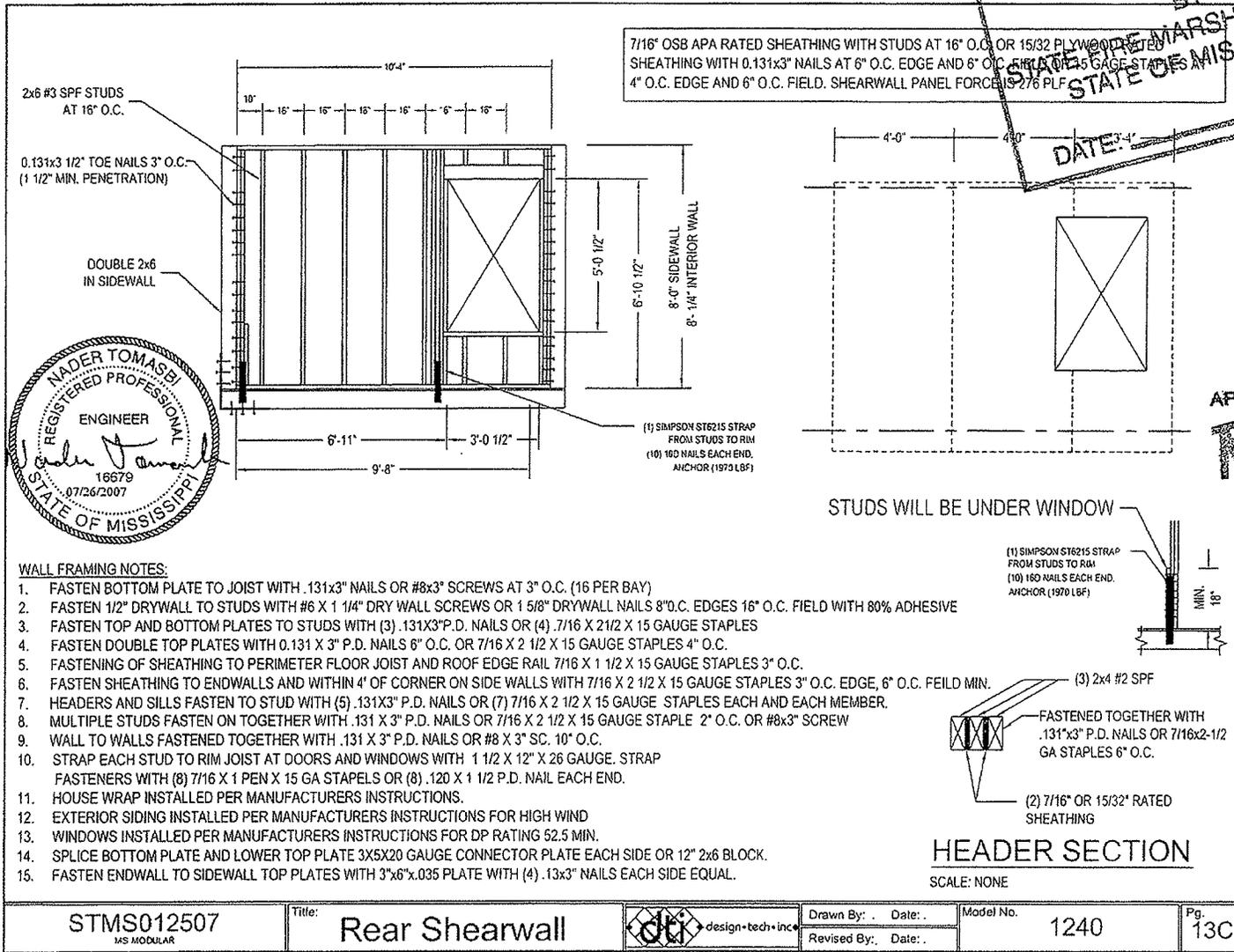


SIMPSON CWT14 STRAP
(4) 0.131x2 1/2" NAILS EACH
END, 45° MIN. LENGTH EACH
END OF JOIST WRAP AROUND
BAND JOIST TO ANCHOR
(5133 LBF)

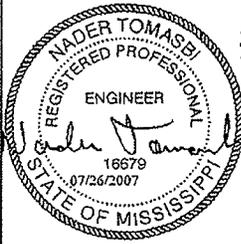


7/16" OSB SHEATHING ONE SIDE FASTEN WITH 7/16"x1 1/2"x15GA STAPLES 3" O.C. AND VERTICAL SEAMS TO BE ON TRUSS MEMBERS

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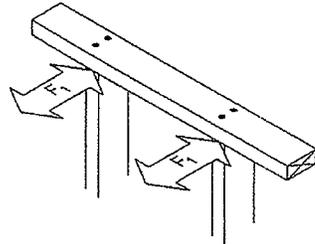


APPROVED BY
STATE FIRE MARSHAL'S OFFICE
STATE OF MISSISSIPPI
DATE: 8/19/07

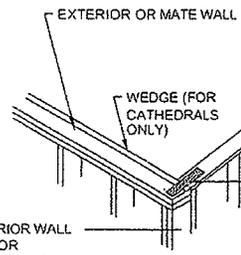


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STMS012507 MS MODULAR	Title: Rear Shearwall	design+tech+inc	Drawn By: . Date: .	Model No. 1240	Pg. 13C
			Revised By: . Date: .		



CONNECTION		
PARAMETERS	FASTENER (MINIMUM LENGTH AND DIAMETER OR STAPLE SIZE)	QUANTITY PER CONNECTION OR SPACING
STUD SPACING = 16" O.C.	3"x0.131" P.D. NAIL	3
	2 1/2"x15 GA. STAPLE	4

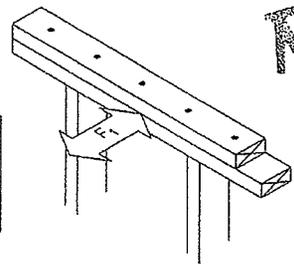


ATTACH INTERIOR WALL
TO INTERIOR OR
EXTERIOR WALL WITH
.131x3" NAILS OR
#8x3" SCREWS AT 16" OC

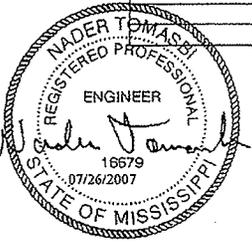
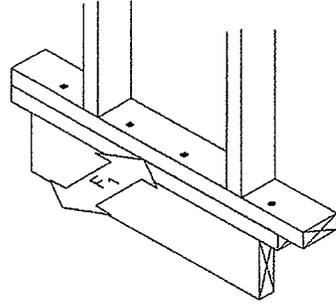
EXTERIOR WALL OR MATE WALL

SCALE: NONE

APPROVED
BY
STATE FIRE MARSHAL'S OFFICE
STATE OF MISSISSIPPI
8/19/09



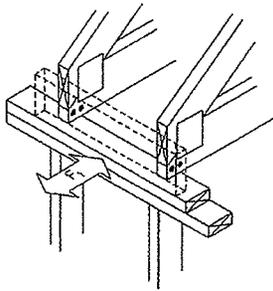
CONNECTION		
PARAMETERS	FASTENER (MINIMUM LENGTH AND DIAMETER OR STAPLE SIZE)	QUANTITY PER CONNECTION OR SPACING
STUD SPACING = 16" O.C.	3"x0.131" P.D. NAIL	3
	2 1/2"x15 GA. STAPLE	4



CONNECTION		
PARAMETERS	FASTENER (MINIMUM LENGTH AND DIAMETER OR STAPLE SIZE)	QUANTITY PER CONNECTION OR SPACING
STUD SPACING = 16" O.C.	#8x3" SCREW	3 PER BAY
	3"x0.131" P.D. NAIL	3 PER BAY
	2 1/2"x15 GA. STAPLE	4 PER BAY

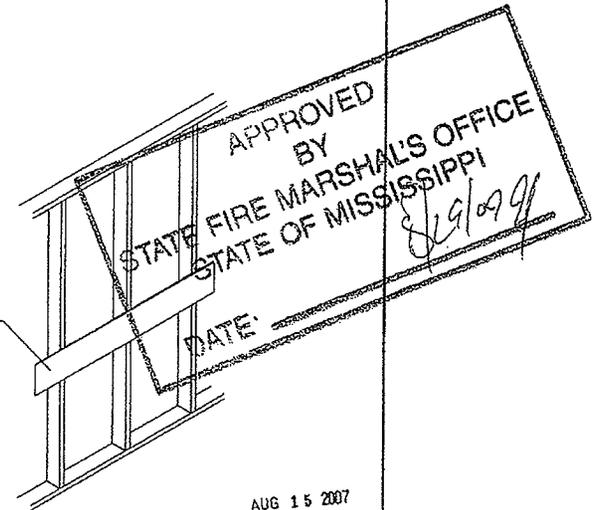
CONNECTION	PARAMETERS	QUANTITY PER CONNECTION OR SPACING
 CORNER STUDS SHEARWALL CORNER INTERSECTION	ALL LOCATIONS	3"x0.131" P.D. NAIL
		2 1/2"x15 GA. STAPLE
 DOUBLE STUDS OR 4x4/10, 1416 STUDS	ALL LOCATIONS	3"x0.131" P.D. NAIL
		2 1/2"x15 GA. STAPLE

AUG 15 2007
APPROVED BY
NIA INC



CONNECTION		
PARAMETERS	FASTENER (MINIMUM LENGTH AND DIAMETER OR STAPLE SIZE)	QUANTITY PER CONNECTION OR SPACING
		136" FLOOR
TRUSS SPACING = 24" O.C.	3"x0.131" P.D. NAIL	3
	#10x4" SCREW	2 AT INTERIOR & 3 WITHIN 3' OF CORNERS

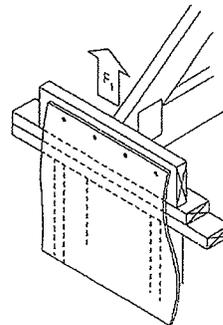
ALTERNATE CONNECTION		
PARAMETERS	FASTENER (MINIMUM LENGTH AND DIAMETER OR STAPLE SIZE)	QUANTITY PER CONNECTION OR SPACING
		136" FLOOR
TRUSS SPACING = 24" O.C.	#10x4" SCREW	1 EACH SIDE OF TRUSS TO TOP PLATE
	#10x4" SCREW	FROM RAIL TO TOP PLATE, EVERY 8'



CONTINUOUS ALUMINUM BELTRAIL, SURFACE MOUNTED.
VALID FOR EXTERIOR AND INTERIOR WALLS.
(MAY BE PAINT HT. LUMINOUS)

AUG 15 2007
BELTRAIL DETAIL APPROVED BY

NIA INC



CONNECTION		
PARAMETERS	FASTENER (MINIMUM LENGTH AND DIAMETER OR STAPLE SIZE)	QUANTITY PER CONNECTION OR SPACING
		136" FLOOR
SHEATHING TYPE: 15/32" APA RATED PLYWOOD OR OSB	3"x0.131" P.D. NAIL	2" O.C.
	1 1/2"x15 GA. STAPLE	2" O.C.
	1 1/2"x16 GA. STAPLE	2" O.C.

STMS012507
MS MODULAR

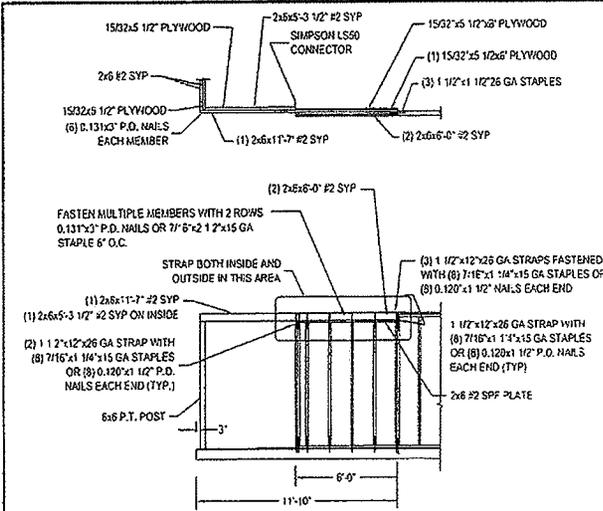
Title: Connection Details



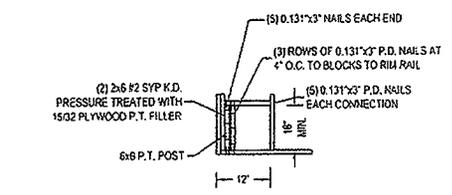
Drawn By: . Date: .
Revised By: . Date: .

Model No. 1240

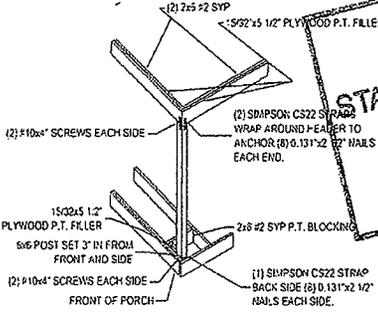
Pg. 14B



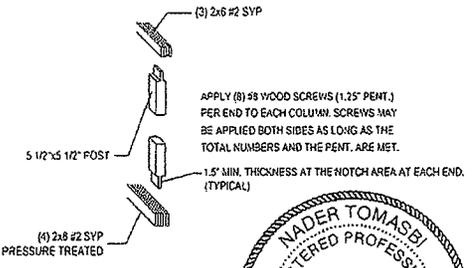
PORCH FRAMING DETAIL
SCALE: NONE



BLOCKING FOR POST CORNER DETAIL
SCALE: NONE



CORNER POST DETAIL
SCALE: NONE

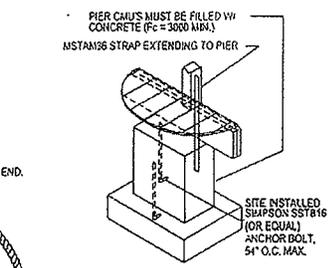


ALT. POST DETAIL
SCALE: NONE

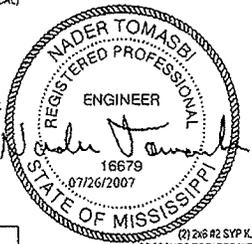
NOTE:
ALL PLYWOOD 15/32 APA RATED SHEATHING 32#16
ALL EXPOSED PLYWOOD PRESSURE TREATED

APPROVED BY
STATE FIRE MARSHAL'S OFFICE
STATE OF MISSISSIPPI
DATE: 8/15/07

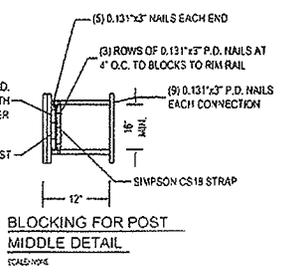
MIDDLE POST DETAIL
SCALE: NONE



POST END DETAIL
APPLIES TO PERMANENT HOME SET



APPROVED BY
NTA INC. AUG 15 2007



BLOCKING FOR POST MIDDLE DETAIL
SCALE: NONE