

- GENERAL NOTES:**
1. THIS UNIT MUST BE CONNECTED TO A PUBLIC WATER SUPPLY AND SEWER SYSTEM IF THESE ARE AVAILABLE.
  2. CONSTRUCTION TYPE: VB UNPROTECTED
  3. DESIGNED FLOOR LIVE LOAD: 40 P.S.F.
  4. DESIGNED ROOF LIVE LOAD: 20 P.S.F.
  5. DESIGNED WIND VELOCITY: 130 MPH, EXP "C"
  6. MIN. HALLWAY WIDTH IS 36"
  7. ALL GLASS IN DOORS, SIDELIGHTS, TUB, SHOWER ENCLOSURES SHALL BE SAFETY GLAZED.
  8. INTERIOR DOORS SHALL BE UNDERCUT 1" A.F.F. OR EQUAL RETURN AIR GRILLS INSTALLED.
  9. ALL SUPPLY AIR REGISTERS SHALL BE ADJUSTABLE.
  10. OCCUPANCY CLASSIFICATION: RESIDENTIAL
  11. THESE PLANS COMPLY WITH RULE 9B-72 (PRODUCT APPROVAL)
  12. THE RAISED SEAL SET OF PLANS ARE ON FILE IN THE THIRD PARTY AGENCY'S OFFICE AS DIRECTED BY DCA.

- ELECTRICAL NOTES:**
1. ALL VENT FANS SHALL EXTEND TO THE EXTERIOR OF THE BUILDING. (THIS EXCLUDES A CHARCOAL VENT RANGE HOOD)
  2. BATHROOM VENT FANS SHALL PROVIDE 50 CFM.
  3. LIGHTING PROVIDED IN CLOSETS SHALL BE 18" MIN. FROM SHELVING.
  4. CEILING FANS SHALL BE INSTALLED WITH BLADES NO LOWER THAN 7'-0" A.F.F.

**THERMAL ZONE:**

CEILING: R-33  
WALLS: R-19  
FLOOR: R-11

**WIND BOURNE PROTECTION OF DEBRIS**

SECURE 7/16" MIN. OSB OR PLYWOOD PANELS INTO THE SUPPORT FRAMING ON EACH SIDE OF THE OPENING WITH #8x3" SCREWS @ 12" OC. 96" MAXIMUM OPENING SPANS (SEE R301.2.1.2 OF THE 2004 FBC)

**ATTENTION LOCAL INSPECTIONS DEPARTMENT:**

\*\*\*\*\* REFER TO THE MODULAR DATA SHEET FOR ITEMS SUBJECT TO LOCAL INSPECTION \*\*\*\*\*

- A. LATERAL & VERTICAL CONNECTION = PG. 10 (SET-UP MANUAL)  
B. ROOF SET-UP & CONNECTION = PG. 10 (SET-UP MANUAL)  
C. VERTICAL & HORIZONTAL PLUMBING CONNECTION BETWEEN MODULES = PG. 12 (SET-UP MANUAL)  
D. VERTICAL & HORIZONTAL MECHANICAL CONNECTION = PG. 13 (SET-UP MANUAL)  
E. ELECTRICAL CONNECTION BETWEEN MODULES = PG. 14 (SET-UP MANUAL)  
F. FIRE STOPPING & ELIMINATION OF AIR INFILTRATION = PG. 10.2 (SET-UP MANUAL)

- PLUMBING NOTES:**
1. TUB ACCESS SHALL BE PROVIDED FROM UNDER UNIT UNLESS OTHERWISE SPEC.
  2. SHOWER SHALL HAVE WATERPROOF WALL MATERIAL TO A HEIGHT OF 6'-0" A.F.F. MIN.
  3. ALL SHOWER HEADS SHALL HAVE A MAX. FLOW RATE OF 2.5 G.P.M.
  4. ALL FIXTURES ARE PROVIDED WITH SHUT-OFF VALVES.
  5. THE COLD WATER BRANCH LINE SERVING THE WATER HEATER WITH LOCKOUT SHALL BE PROVIDED WITH A SHUT-OFF VALVE.
  6. WHEN POLYETHYLENE SUPPLY PIPING IS USED A MIN. 6" METAL PIPE IS PROVIDED BETWEEN THE HOT WATER SUPPLY AND WATER HEATER WITH LOCKOUT.
  7. WATER HEATER WITH LOCKOUT SHALL BE PROVIDED WITH APPROVED TEMP. & PRESSURE RELIEF VALVE & HAVE A MAX. TEMP. SETTING OF 210 DEG. F.

**Florida Codes**

- 2002 NATIONAL ELECTRICAL CODE  
2004 FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION WITH 2005 SUPPLEMENTS  
2004 FLORIDA RESIDENTIAL CODE WITH 2005 SUPPLEMENTS

**DUCT LAYOUT**

MINIMUM DUCT THICKNESS = 0.013 / EQUIVALENT GALVANIZED GAGE NO. = 30  
HVAC SYSTEM IS DESIGNED AND INSTALLED BY OTHERS AND SUBJECT TO LOCAL REVIEW AND APPROVAL.

CAVALIER HOME BUILDERS LLC.  
MILLEN DIVISION  
P.O. BOX 630  
206 MAGNOLIA STREET.  
MILLEN, GA. 30442

CONTACT NAME: SCOTT LEE  
PHONE NO. 1-478-982-4000  
FAX. NO. 1-478-982-4394

CAVALIER HOME BUILDERS LLC.  
ADDISON DIVISION  
P.O. BOX 540  
32 WILSON BLVD. 100  
ADDISON, AL. 35540  
CONTACT NAME: JOHNNY WOOTEN  
PHONE NO. 1-256-747-1575  
FAX. NO. 1-256-747-2344

THIS BUILDING IS DESIGNED TO BE INSTALLED ON A SITE-BUILT PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR INSTALLED.

THIS BUILDING HAS NOT BEEN DESIGNED FOR PLACEMENT IN BROWARD OR DADE COUNTIES.

This building is not in compliance with chapter 663 and is subject to review and approval of the fire inspector on site. Or this building is not subject to the FIRE SAFETY CODE.

**ATTENTION LOCAL INSPECTIONS DEPT.**

The following items have not been completed by CAVALIER HOMES, have not been inspected by NTA Inc., and are not certified by the Florida Modular Label. Code compliance must be determined at the local level.

1. Electrical fixture (ceiling fans) inst.
2. Heat pump to include cross-over connections.
3. Chimney termination completion.
4. Storm Doors
5. V-Box for heating system installed by others.
6. Dryer vent installed on site.
7. Flood-lights
8. Main trunk of H.V.A.C. along with branch ducts to register boots to be completed on-site for off-frame only.
9. Installation of dormer on a 7/12 roof pitch.

**EXTERIOR ELEVATION NOTES:**

**ATTIC VENTILATION:**

CEILING INLET: (65X26.7)X144 = 253.75 sq. in.  
REQUIRED INLET AREA: (5X23.75)X900 = 423  
PROVIDED INLET AREA: (65X26.7)X144 = 253.75 sq. in.  
816 sq. in. > 423 sq. in. therefore ok.  
REQUIRED OUTLET AREA: (5X23.75)X900 = 423  
423/150 = 2.82 => 3 VENTS REQ'D  
PROVIDED OUTLET AREA: 150 sq. in. PER POP-VENT  
3 X 150sq. in. = 450  
450 sq. in. > 423 sq. in. therefore ok.

**FLORIDA STRUCTURAL  
LOAD LIMITATIONS:  
(FBC 1606.1.7)**

FLOOR LIVE LOAD:  
40 PSF  
ROOF LIVE LOAD:  
20 PSF  
ROOF SNOW LOAD:  
NOT APPLICABLE  
CONSTRUCTION TYPE: VB  
OCCUPANCY: R3  
FIRE RATING OF EX. WALLS: 0  
WIND VELOCITY: HURRICANE ZONE  
SEISMIC LOAD: NOT APPLICABLE  
WIND LOAD:  
A. 130 MPH WIND SPEED.  
B.  $E_{wz} = 1.0$  WIND IMPORTANCE FACTOR.  
C. 0 WIND EXPOSURE CATEGORY.  
D.  $GCF = 0.13$  INTERNAL PRESSURE COEFFICIENT.  
E.  $CF = 14.3$  PSF INTERIOR ZONE WALL COMPONENT & CLADDING LOAD.  
F.  $CF = 8.2$  PSF EXTERIOR ZONE WALL COMPONENT & CLADDING LOAD.  
G. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.  
FLOOD LOAD:  
THIS BUILDING IS NOT DESIGNED TO BE LOCATED IN A FLOOD HAZARD AREA.

CAVALIER HOME BUILDERS LLC.  
HAMILTON DIVISION  
P.O. BOX 1418  
330 BUCCANEER ST.  
HAMILTON, AL. 35570  
CONTACT NAME: DOUG CARPENTER  
PHONE NO. 1-205-921-3135  
FAX. NO. 1-205-921-6538


KEVIN M. FINN, P.E.  
2700 W. WILDEN AVE. STE. 4  
GOSHEN, IN. 46528  
FL LICENSE # 41622

GENERAL NOTES 1 OF 11

MODEL # E5314M

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

Contract Type:	VB
Occupancy:	R3
Allowable No. of Floors:	One (1)
Wind Velocity:	130 MPH
Fire Rating of Ex. Walls:	0 hr
Plan No.:	MFT-3359-3442-3888-E5314M
Allow. Floor Load:	40 PSF
Approval Date:	11/8/2006
Manufacturer:	Cavalier Home Builders

APPROVED BY  NTA INC.

Office copy



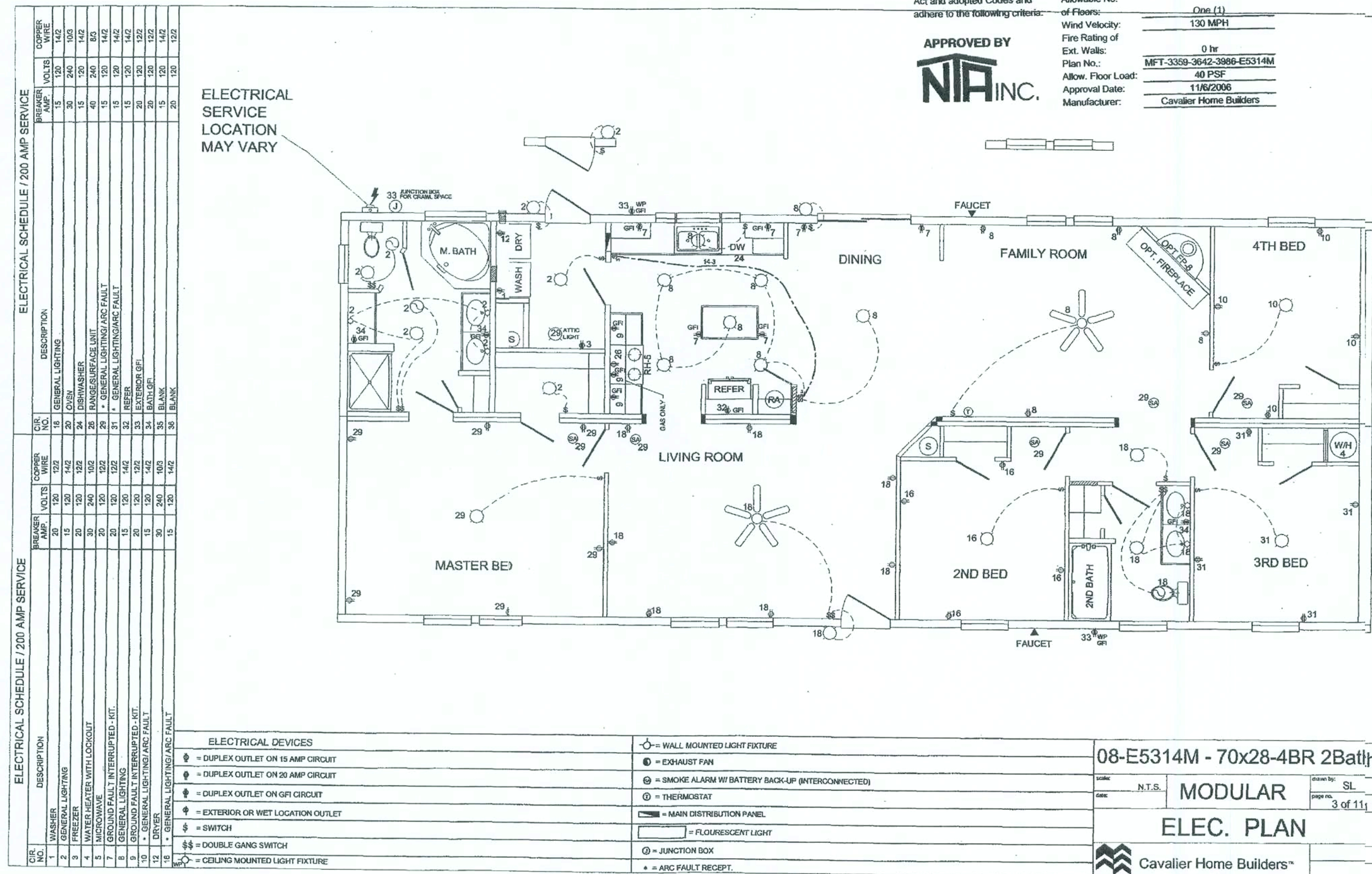




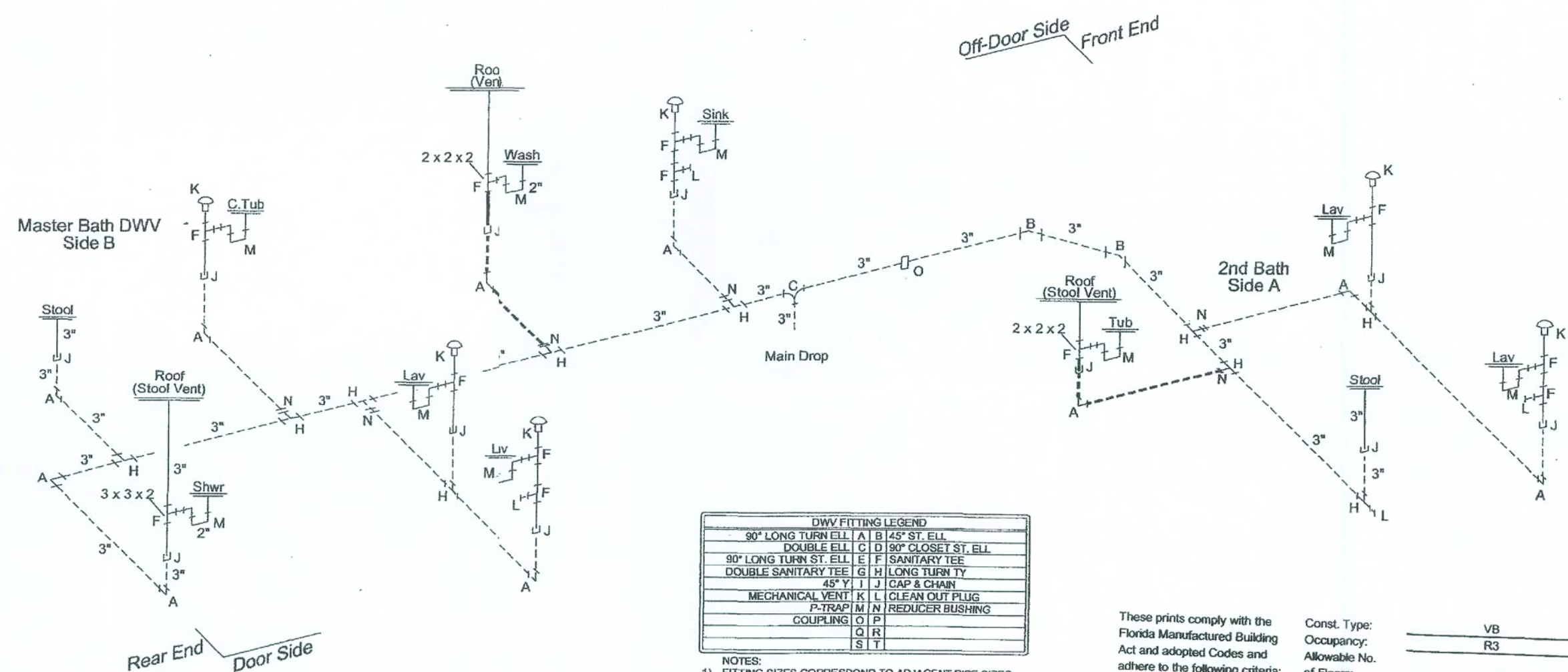
These prints comply with the Florida Manufactured Building Act and adopted Codes and adhere to the following criteria:

APPROVED BY  
**NIA INC.**

Const. Type: VB  
Occupancy: R3  
Allowable No. of Floors: One (1)  
Wind Velocity: 130 MPH  
Fire Rating of Ext. Walls: 0 hr  
Plan No.: MFT-3359-3642-3966-E5314M  
Allow. Floor Load: 40 PSF  
Approval Date: 11/6/2006  
Manufacturer: Cavalier Home Builders







DWV FITTING LEGEND			
90° LONG TURN ELL	A	1/4" ST. ELL	B
DOUBLE ELL	C	90° CLOSET ST. ELL	D
90° LONG TURN ST. ELL	E	SANITARY TEE	F
DOUBLE SANITARY TEE	G	1/2" LONG TURN TY	H
45° Y	I	J	CAP & CHAIN
MECHANICAL VENT	K	L	CLEAN OUT PLUG
P-TRAP	M	N	REDUCER BUSHING
COUPLING	O	P	
Q	R		
S	T		

- NOTES:
- 1) FITTING SIZES CORRESPOND TO ADJACENT PIPE SIZES.
  - 2) DARK (THICK) LINES REPRESENT 2" PIPE; ALL OTHER TO BE 1 1/2" PIPE UNLESS OTHERWISE NOTED.
  - 3) P-TRAP DIRECTIONS MAY VARY.
  - 4) DOTTED LINES REPRESENT SITE INSTALLED PLUMBING.
  - 5) MECHANICAL VENTS INSTALLED ON SITE BY OTHERS, GEORGIA ONLY.

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

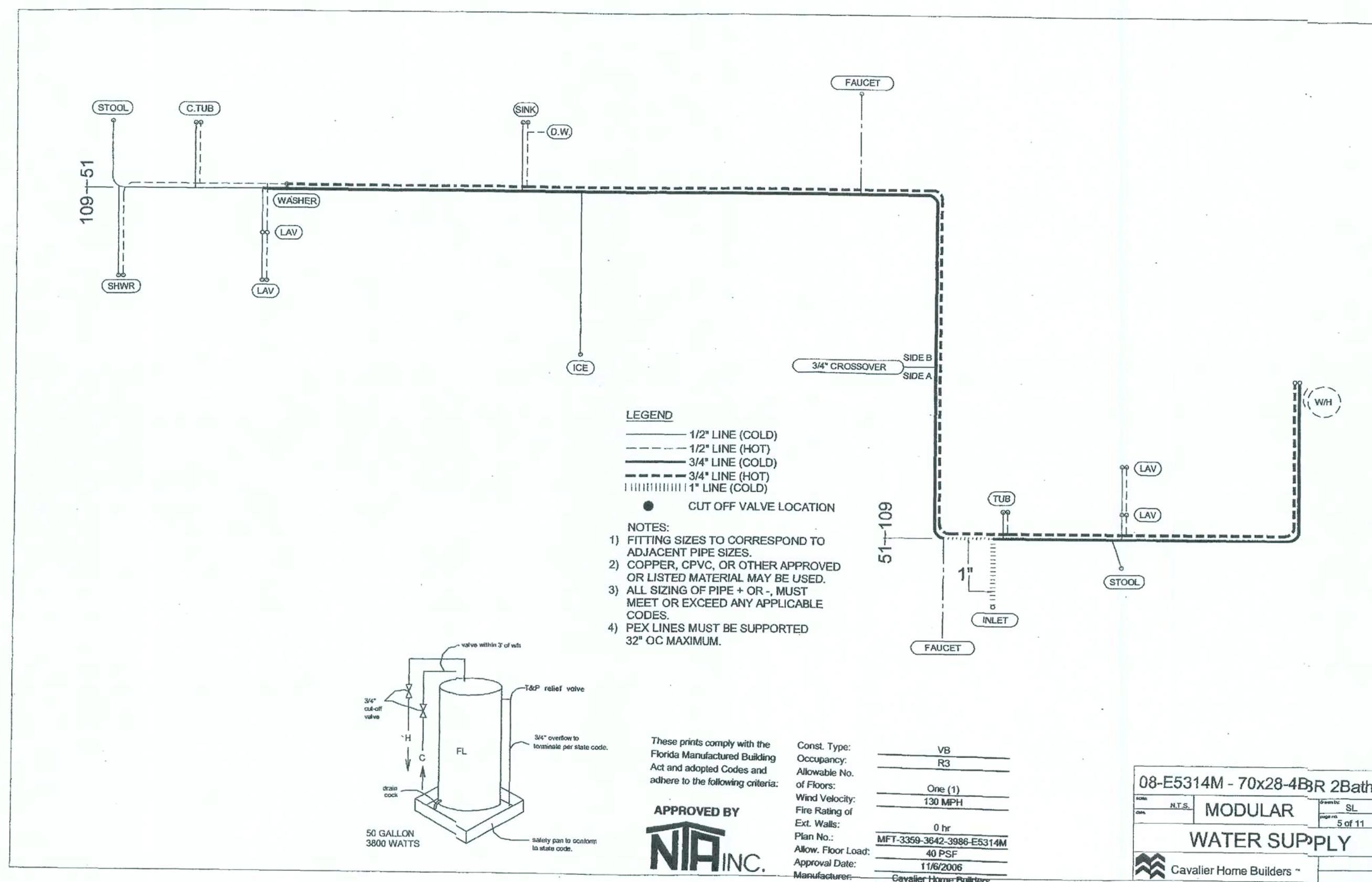
APPROVED BY  
**NIA INC.**

Const. Type:	VB
Occupancy:	R3
Allowable No. of Floors:	One (1)
Wind Velocity:	130 MPH
Fire Rating of Ext. Walls:	0 hr
Plan No.:	MFT-3359-3642-3886-E5314M
Allow. Floor Load:	40 PSF
Approval Date:	11/8/2006
Manufacturer:	Cavalier Home Builders

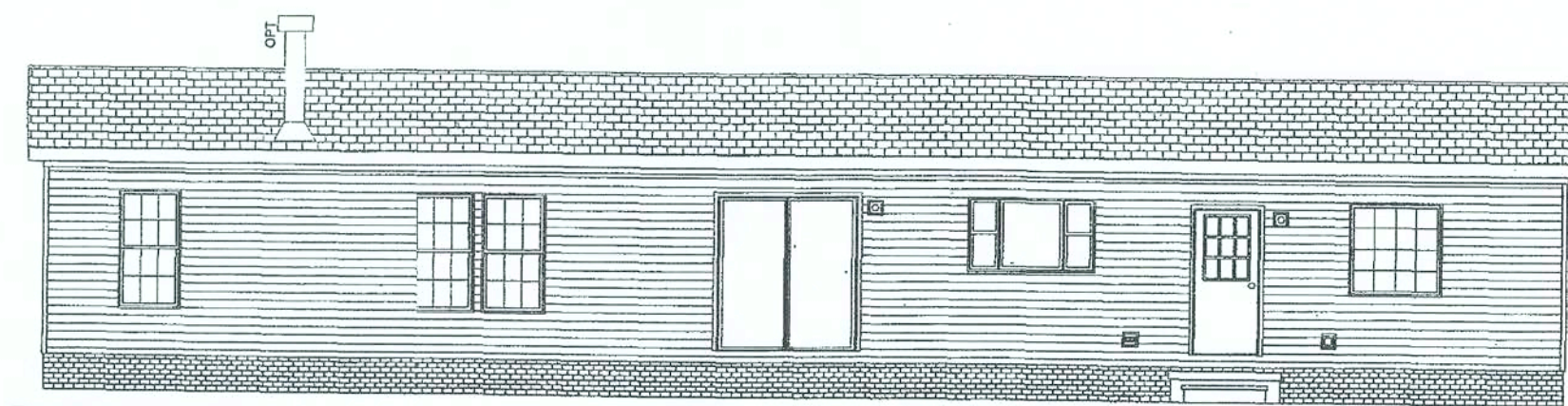
08-E5314M - 70x28j-4BR 2Bath	
Scale: N.T.S.	MODULAIR
D.W.V. SUPPLY	
Cavalier Home Builders	

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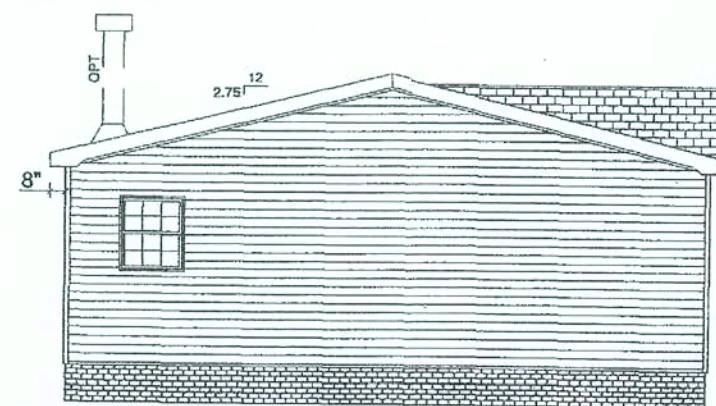




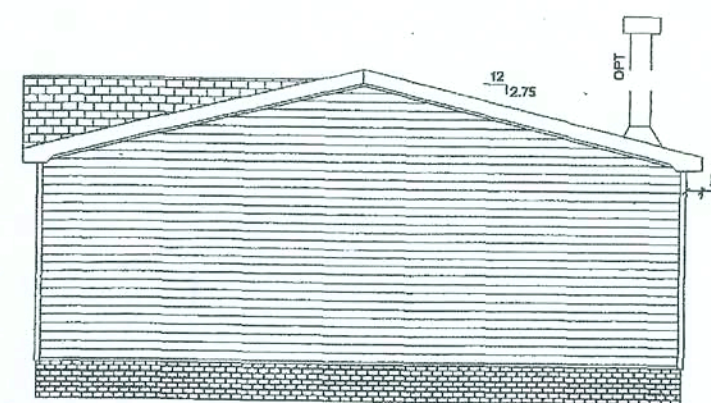




REAR ELEVATION



LEFT ELEVATION



RIGHT ELEVATION



FRONT ELEVATION

**MODEL: -E5314-M - 28x70**  
**3-BEDROOM / 2-BATH**  
**STANDARD 3:12 ROOF HTCH**

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

APPROVED BY



Const. Type:	VB
Occupancy:	R3
Allowable No. of Floors:	One (1)
Wind Velocity:	130 MPH
Fire Rating of Ext. Walls:	0 hr
Plan No.:	MFT-3359-3642-3986-E5314M
Allow. Floor Load:	40 PSF
Approval Date:	11/6/2006
Manufacturer:	Cavalier Home Builders

EXTERIOR MATERIALS:  
 1. EXTERIOR WALL FINISH: VINYL SIDING  
 2. SOFFIT FINISH: VINYL SOFFIT  
 3. ROOF COVERING: SHINGLES

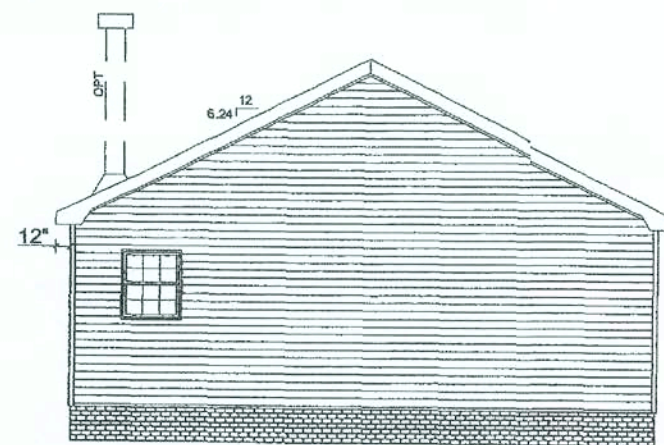
08-E5314M - 70x28; 4BR 2Bath	
Model: N.T.S.	Material: MODULAR
Sheet: 6 of 11	SL
Exterior Elevations	
Cavalier Home Builders	

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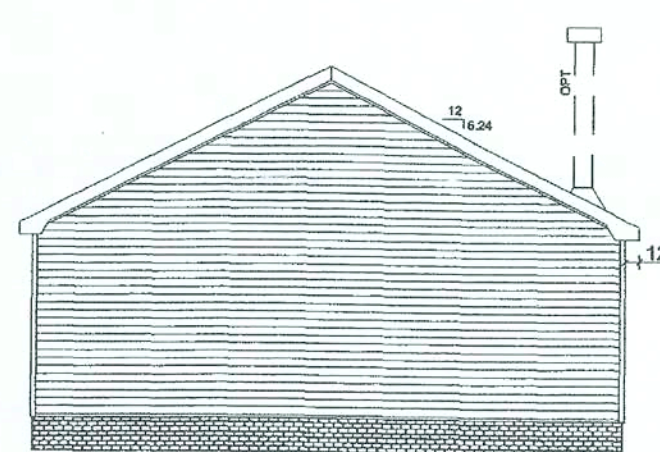




REAR ELEVATION



LEFT ELEVATION



RIGHT ELEVATION



FRONT ELEVATION

**Cavalier Home Builders**  
**MODEL: E5314-M - 28x70**  
**4-BEDROOM / 2-BATH**  
**OPTION 7:12 ROOF PITCH**

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

APPROVED BY  
**NIA INC.**

Const. Type:	VB
Occupancy:	R3
Allowable No. of Floors:	One (1)
Wind Velocity:	130 MPH
Fire Rating of Ext. Walls:	0 hr
Plan No.:	MFT-3359-3642-3906-E5314M
Allow. Floor Load:	40 PSF
Approval Date:	11/6/2006
Manufacturer:	Cavalier Home Builders

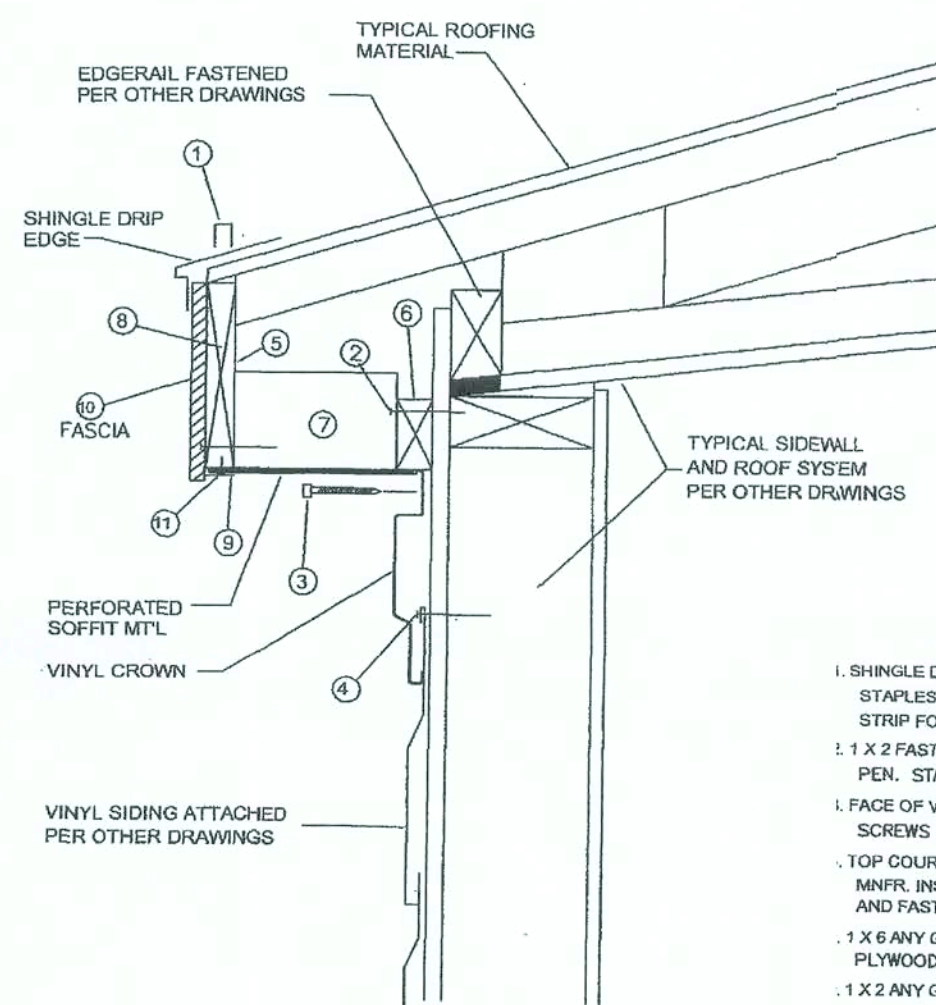
EXTERIOR MATERIALS:  
 1. EXTERIOR WALL FINISH: VINYL SIDING  
 2. SOFFIT FINISH: VINYL SOFFIT  
 3. ROOF COVERING: SHINGLES

08-E5314M - 70x28-4B3R 2Bath

Scale:	N.T.S.	Material:	SL
Size:		Page:	7 of 11
MODULAR			
OPTION			
EXTERIOR ELEVATIONS			
Cavalier Home Builders			

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12" MAX. OVERHANG

DETAIL A-A

1. SHINGLE DRIP EDGE TO DECKING W/ 1" X 3/4" X 16 GA. STAPLES 16" O.C. (MAY USE FASTENING OF SHINGLE STARTER STRIP FOR DRIP EDGE SECUREMENT).
2. 1 X 2 FASTENED TO TOP PLATE OR STUD WITH (1) 7/16" X 16 GA. X 1" PEN. STAPLES AT 16" O.C.
3. FACE OF VINYL CROWN TO STUDS WITH 1 1/4" METAL SCREWS 48" O.C.
4. TOP COURSE OF VINYL TO BE TRIMMED AND SLOTTED PER MNFR. INSTRUCTIONS. PLACE TO COURSE BEHIND CROWN AND FASTEN PER WINDZONE.
5. 1 X 6 ANY GRADE, 23/32" PLYWOOD, OSB OR 2 LAYERS OF 7/16" PLYWOOD OR OSB.
6. 1 X 2 ANY GRADE, 23/32" PLYWOOD, OR O.S.B.
7. 2 X 3 #3 SPF. MIN. BLOCKS 48" O.C.
8. FASCIA FASTENED TO TOP CHORD OF TRUSS W/ (2) 7/16" X 1" PEN. X 16 GA. STAPLES.
9. 3" L-BAR FASTENED INTO 1 X 6 W/ 3/4" X 18 GA. STAPLES 24" O.C.
10. "HARDIE" FASCIA FASTENED TO 1 X 6 W/ (1) 2-1/4" X 7d NAILS 16" O.C. STAGGERED.
11. SOFFIT MT'L FASTENED TO 1 X 6 W/ (1) 3/4" X 18 GA. STAPLE AT 48" O.C.

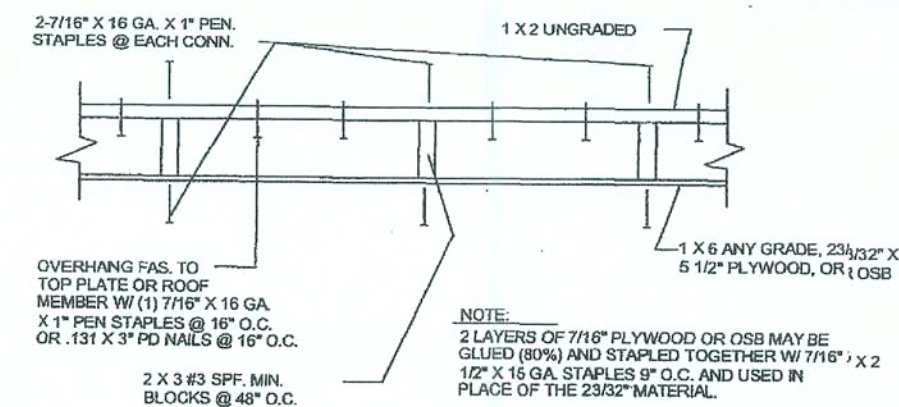
## RIDGE BEAM CONSTRUCTION

1. MICROLAM Fb = 2,900 P.S.I.
2. MICROLAM MUST BE CONTINUOUS OVER CLEARSPANS.
3. BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
4. INSTALL (2 X 4) X 20" S.P.F. #3 RIDGE BEAM BEARING STIFFENER OVER SUPPORT COLUMNS WHEN SPECIFIED ON FLOOR PLAN; FASTEN THE FACE OF THE STIFFENER TO THE RIDGE BEAM WITH 100% GLUE COVERAGE AND (6) - 15 GA. STAPLES WITH 3/4" MINIMUM PENETRATION INTO MICROLAM BEAM.

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

APPROVED BY  
**NIA INC.**

Const. Type:	1VB
Occupancy:	R3
Allowable No. of Floors:	One (1)
Wind Velocity:	130 MPH
Fire Rating of Ext. Walls:	0 hr
Plan No.:	MFT-3359-3642-3986-E5314M
Allow. Floor Load:	40 PSF
Approval Date:	11/05/2006
Manufacturer:	Cavalier Home Builders



NOTE:  
2 LAYERS OF 7/16" PLYWOOD OR OSB MAY BE GLUED (80%) AND STAPLED TOGETHER W/ 7/16" X 2 1/2" X 16 GA. STAPLES 9" O.C. AND USED IN PLACE OF THE 23/32" MATERIAL.

### INTERIOR FINISH MATERIAL

CEILING - 1/2" MINIMUM GYPSUM BOARD INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

WALLS - CORRIDORS - 3/8" MINIMUM GYPSUM BOARD.

FLOORS - BLOCK TILE OF UNOLEUM IN BATH AND OTHER WET AREAS  
CARPET, BLOCK TILE OR UNOLEUM INSTALLED IN ALL OTHER AREAS

### EXTERIOR FINISH MATERIAL

ROOF - 215# ASPHALT OR FIBERGLASS SHINGLES OVER 2 LAYERS 15# FELT UNDERLAYMENT OR EQUIVALENT PER MANUFACTURER'S SPECIFICATIONS

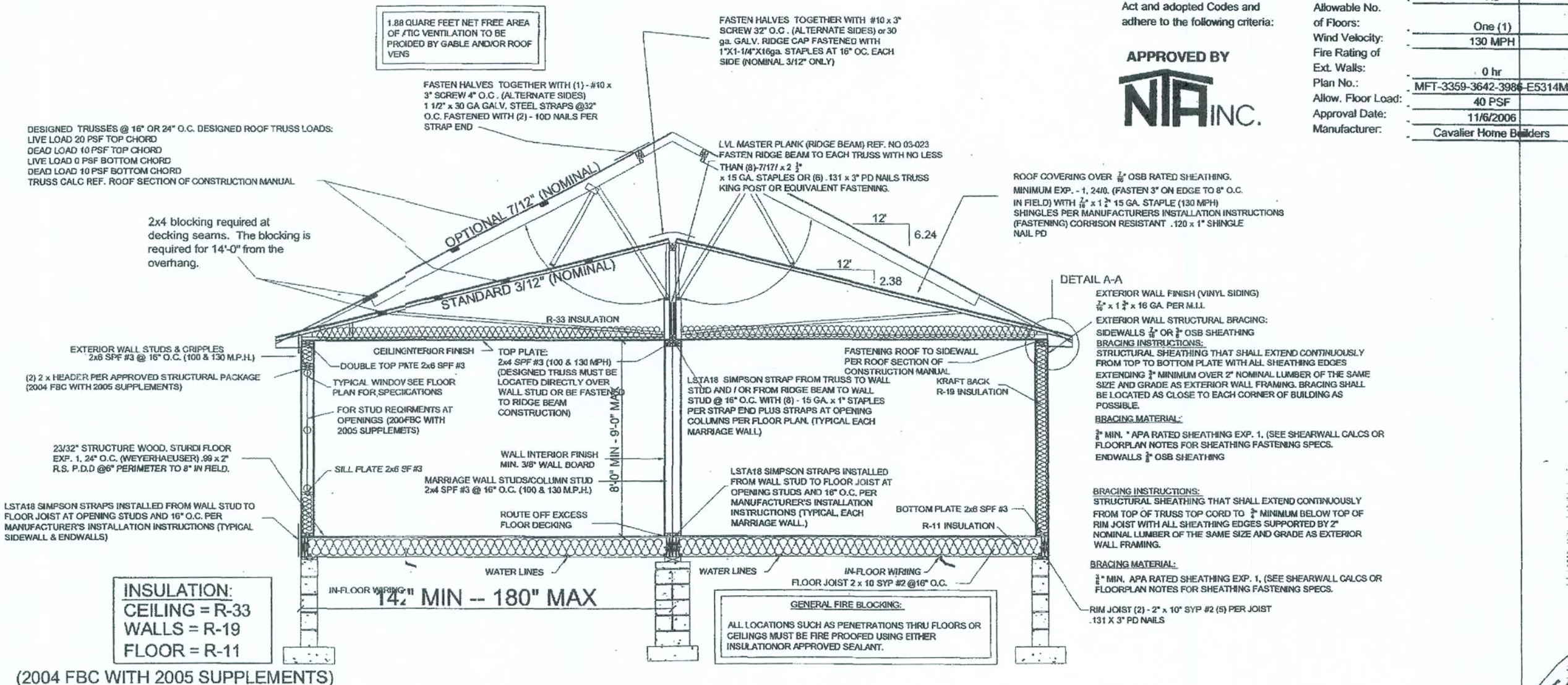
WALL - .019 INCH ALUMINUM SIDING  
(\*) WALL - 5/8 INCH D-11 APA RATED PANEL SIDING  
(\*) WALL - 7/16 INCH LP INNER SEAL APA RATED PANEL SIDING  
WALL - VINYL LAP SIDING

\* MAY BE USED AS BRACING MATERIAL. FASTEN SIDING PER SPECIFICATIONS GIVEN ABOVE FOR 3/8 INCH APA RATED SIDING EXTERIOR

08-E5314M - 70x28-4BR 2Bath

scale:	N.T.S.	drawn by:	SL
date:		page no.:	8 of 11
MODULAR			
MISC. DETAILS			
Cavalier Home Builders			





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

APPROVED BY  
**NIA INC.**

Const. Type:	VB
Occupancy:	R3
Allowable No. of Floors:	One (1)
Wind Velocity:	130 MPH
Fire Rating of Ext. Walls:	0 hr
Plan No.:	MFT-3359-3642-3986-E5314M
Allow. Floor Load:	40 PSF
Approval Date:	11/6/2006
Manufacturer:	Cavalier Home Builders

# STANDARD OFF FRAME CROSS-SECTION

08-E5314M - 70x28--4BR 2Bath

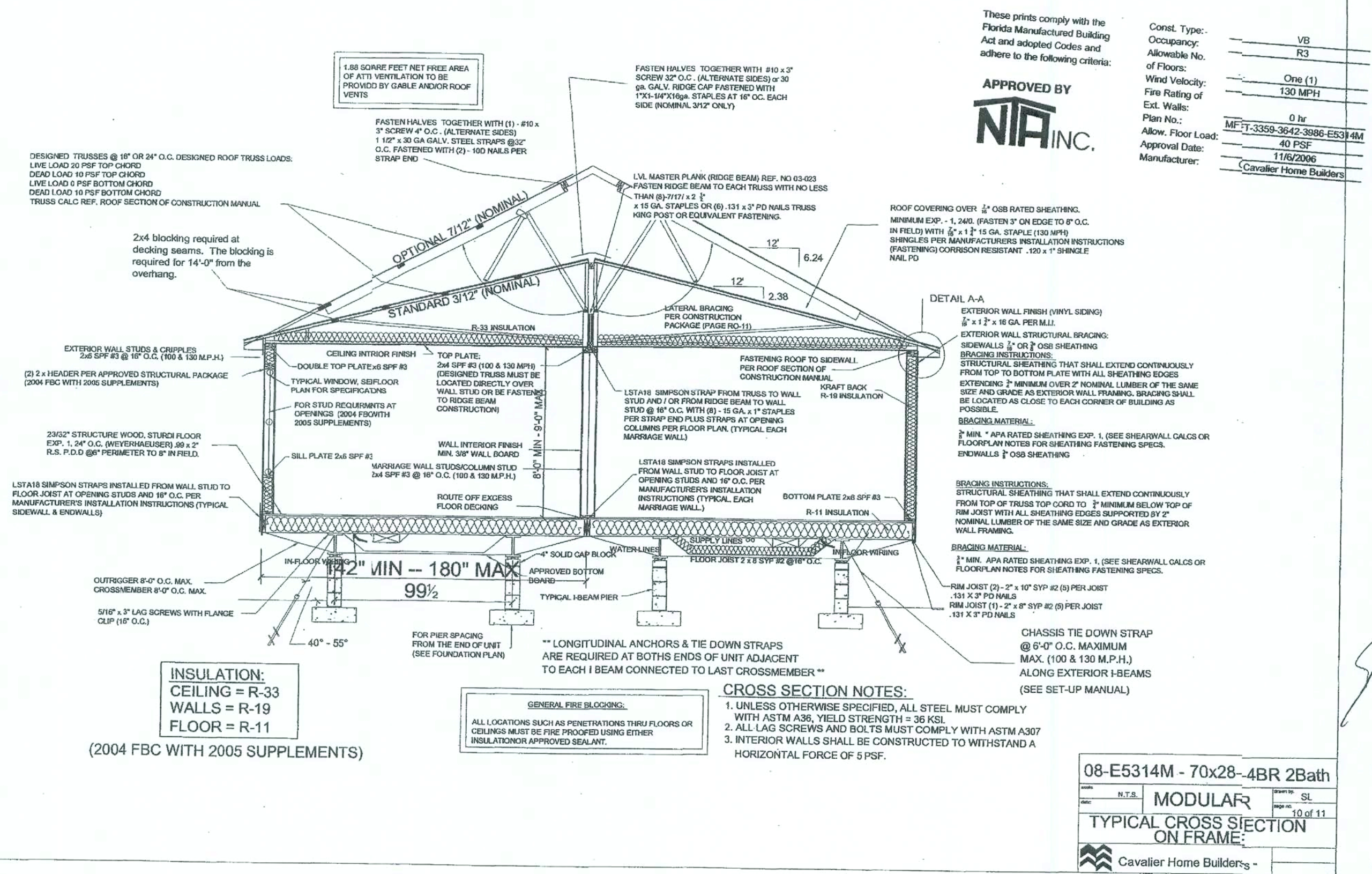
MODULAR

TYPICAL CROSS SECTION OFF FRAME

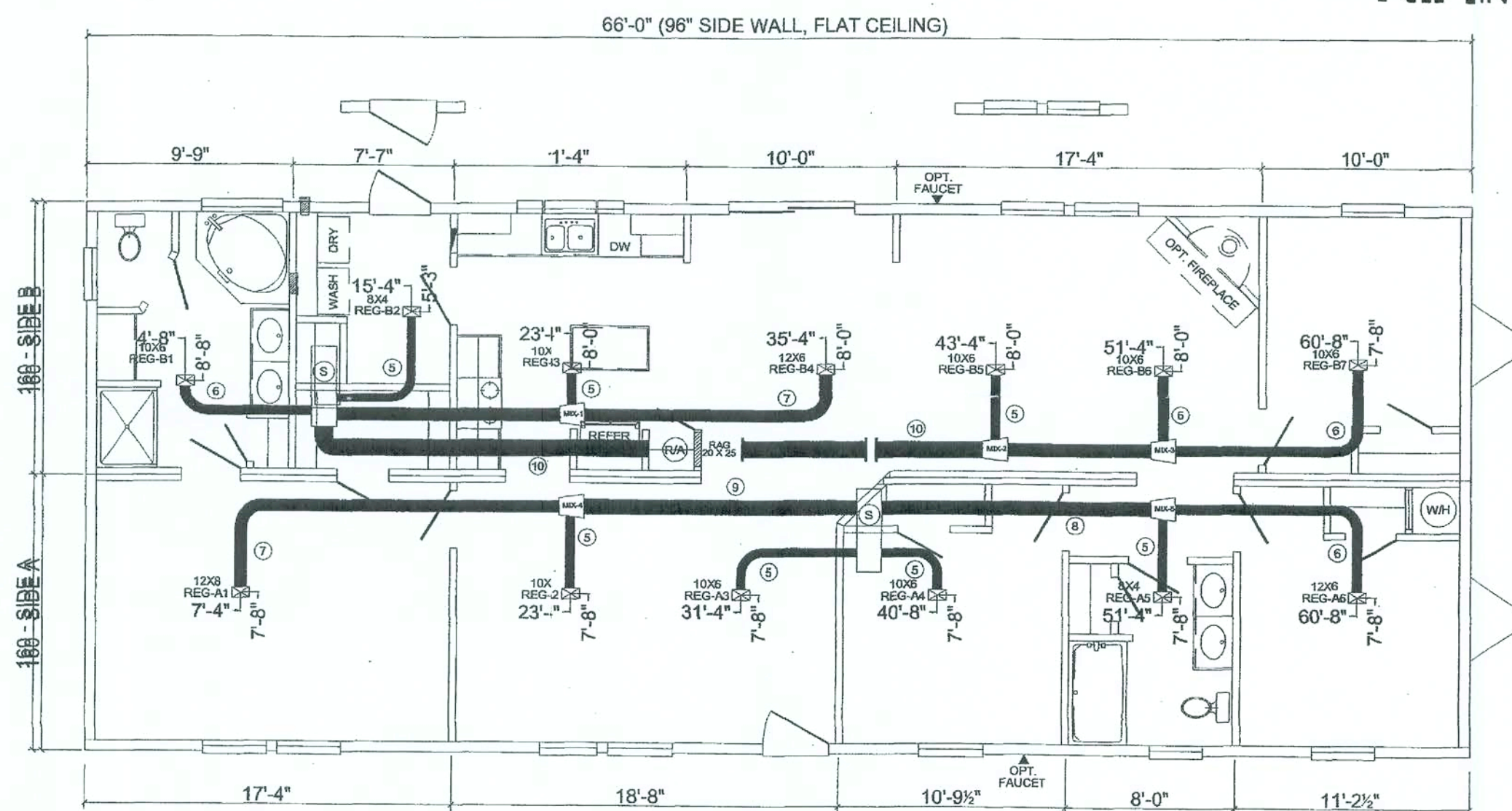
Cavalier Home Builders

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

APPROVED BY  
**NIA INC.**

Const. Type:	VB
Occupancy:	R3
Allowable No. of Floors:	One (1)
Wind Velocity:	130 MPH
Fire Rating of Ext. Walls:	0 hr
Plan No.:	MFT-3359-3642-3986-E5314M
Allow. Floor Load:	40 PSF
Approval Date:	11/6/2006
Manufacturer:	Cavalier Home Builders

08-E5314M - 70x28-4B3R 2Bath		
Mod.	N.T.S.	SL
MODULAR		11 of 11
OVERHEAD DUCT		
Cavalier Home Builders		

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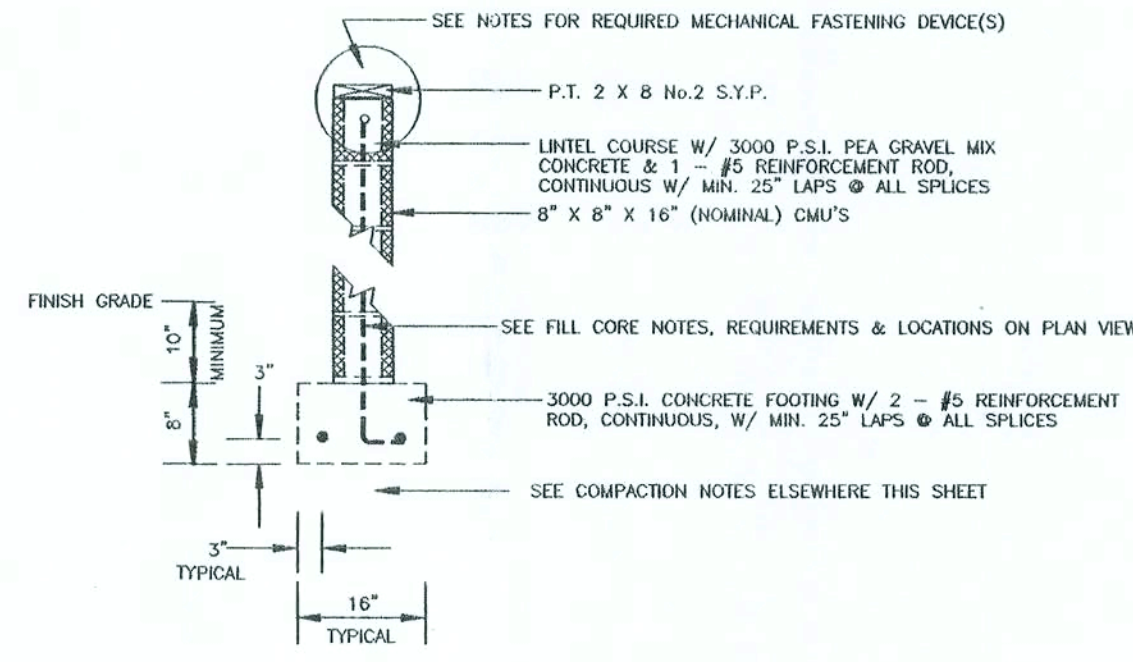


NOTE: THE CONTRACTOR IS DIRECTED TO REVIEW ALL CONSTRUCTION DRAWINGS & SPECIFICATIONS FOR ACCURACY & COMPLETENESS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION & CLARIFICATION. CONTRACTOR SHALL CONFIRM ALL EXISTING SOIL & ANY OTHER CONDITIONS OF WHICH MAY AFFECT / EFFECT THE STRUCTURAL INTEGRITY OF THIS PROJECT.

SCALE NOTE:  
PLAN VIEWS: 1/4" = 1'-0"  
DETAILS & SECTIONS: N.T.S.

FOUNDATION NOTES, REQUIREMENTS & INSTRUCTIONS	
MASONRY UNITS	ALL MASONRY UNITS DESCRIBED AS 8" X 8" X 16" CMU'S SHALL BE HOLLOW CONCRETE UNITS IN ACCORDANCE W/ ASTM C 90 OR C 145 AND SHALL HAVE A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 P.S.I. MASONRY FOUNDATION STEM WALLS SHALL BE RUNNING BOND CONSTRUCTION.
MORTAR	ALL MORTAR SHALL BE EITHER TYPE M OR S IN ACCORDANCE W/ ASTM C 270. ALL GROUT SHALL HAVE A MINIMUM COARSE AGGREGATE SIZE OF 3/8" PLACED IN AN 8 TO 11 INCH SLUMP AND HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 P.S.I. @ 28 DAYS WHEN TESTED IN ACCORDANCE W/ ASTM C 1018, OR SHALL BE IN ACCORDANCE W/ ASTM C 270. ALL CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 P.S.I. @ 28 DAYS. ALL MORTAR JOINTS FOR HOLLOW UNIT MASONRY SHALL EXTEND THE FULL WIDTH OF FACE SHELLS. ALL BED JOINTS SHALL BE 3/8 INCH THICK. HEAD JOINTS SHALL BE 3/8 INCH THICK. THE BED JOINT OF THE STARTING COURSE PLACED OVER FOOTINGS SHALL BE PERMITTED TO VARY IN THICKNESS FROM A MINIMUM OF 1/4" TO A MAXIMUM OF 3/4".
REINFORCING STEEL	REINFORCING STEEL SHALL BE #5 UNLESS OTHERWISE NOTED. ALL REINFORCING STEEL SHALL BE A MINIMUM OF GRADE 40 AND IDENTIFIED IN ACCORDANCE W/ ASTM A 615, A 616, A 617, OR A 706. SPICES SHALL BE LAP SPICES W/ A MINIMUM LAP OF 20" FOR #5 REINFORCEMENT BARS. FOR MINIMUM COVER OVER FOUNDATION REINFORCEMENT - SEE DETAILS & SECTIONS THIS SHEET. ALL REINFORCEMENT IN CMU'S IS TO EXTEND A MINIMUM OF 6" INTO ALL FOOTINGS W/ A STANDARD BEND OF 6".
METAL ACCESSORIES	ALL JOINT REINFORCEMENT & ANCHOR TIES SHALL CONFORM TO ASTM A 82, ASTM A 36, & ASTM A 368 AS REQUIRED. LONGITUDINAL WIRDS OF JOINT REINFORCEMENT SHALL BE FULLY EMBEDDED IN MORTAR OR GROUT WITH A MINIMUM COVER OF 5/8 INCH WHEN EXPOSED TO EARTH OR WEATHER. AND A MINIMUM OF 1/2 INCH WHEN NOT EXPOSED TO EARTH OR WEATHER. METAL ACCESSORIES USED IN EXTERIOR WALL CONSTRUCTION (NOT DIRECTLY EXPOSED TO WEATHER) SHALL BE GALVANIZED IN ACCORDANCE W/ ASTM A 153, CLASS B-2. METAL ACCESSORIES FOR USE IN INTERIOR WALL CONSTRUCTION SHALL BE MILD GALVANIZED IN ACCORDANCE W/ ASTM A 641, CLASS 1.
FILL COMPACTION	PRIOR TO GRADING OPERATIONS, ALL SOIL, ORGANIC LITTER AND FILL SHALL BE STRIPPED FROM THE BUILDING AREA. COMPACTION SHALL NOT BE LESS THAN 98% OF THE STANDARD PROCTOR DENSITY. ALL FILL MATERIAL SHALL BE INCORPORATED W/ NOT MORE THAN 30% BY WEIGHT FINER THAN No. 200 U.S. STANDARD SIEVE CONFORMING TO THE FOLLOWING: A. LIQUID LIMIT, LW ..... 30 MAXIMUM B. PLASTICITY INDEX, PI ..... 15 MAXIMUM C. DRY UNIT WEIGHT ..... 100 LBS. PER CU. FT. ALL FILL MATERIAL SHALL BE UNIFORMITY PLACED AT OPTIMUM MOISTURE CONTENT IN 6 INCH UNIFORM LAYERS AND COMPACTED TO A DENSITY OF 98% OF THE STANDARD PROCTOR AND IN ACCORDANCE W/ ASTM D 698. FOOTING EXCAVATIONS SHALL BE RESPECTED BEFORE PLACING ANY CONCRETE TO ENSURE THAT FOOTINGS SHALL REST ON SOUND EARTH. ALL SUBGRADES MUST BE LEVEL, SMOOTH AND UNIFORMLY COMPACTED. SUB GRADE MUST BE ACCURATE WITHIN 1/4 INCH OF THE DESIGNED LEVEL. ANY WALL WHICH IS TO RECEIVE BACK FILL ON BOTH SIDES SHALL HAVE THE BACK FILL PLACED SIMULTANEOUSLY ON BOTH SIDES IN EVEN LAYERS AS PREVIOUSLY DESCRIBED SO AS NOT TO APPLY UNEVEN LOADS.
GENERAL	FOOTINGS SHALL BE LEVEL OR STEPPED AS INDICATED ON THE PLAN VIEWS & DETAILED ELSEWHERE THIS SHEET. SOIL, WATER PIPES OR BUILDING DRAINS PASSING UNDER A FOOTING OR THROUGH A FOUNDATION STEM WALL SHALL BE PROVIDED W/ A RELIEVING ARCH OR AN IRON PIPE SLEEVE A MINIMUM OF TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH. STEM WALLS SHALL EXTEND NO GREATER THAN 3 FEET ABOVE THE FINISH GRADE AND CONSTRUCTED WITH THE PREVIOUSLY DESCRIBED MASONRY UNITS. ALL STATE & LOCAL CODES SHALL BE COMPLIED WITH BY THE CONTRACTOR. 1,500 P.S.F. SOIL BEARING PRESSURE SHALL BE OBTAINED UNDER ALL FOOTINGS & SLABS.

NOTE: CONTRACTOR SHALL PROVIDE A MINIMUM TOTAL AREA OF 11.4 S.F. OF "GRAB SPACE" VENTILATION, EQUALLY SPACED ALONG THE PERIMETER 8" CMU WALL, FITTED W/ CORROSION PROOF WIRE MESH, INSECT & VERMIN PROOF SCREENING.  
THE CONTRACTOR SHALL PROVIDE A MINIMUM ACCESS OF 18" W. X 24" H., LOCATED @ THE DIRECTION OF THE OWNER IN THE 8" CMU PERIMETER WALL.

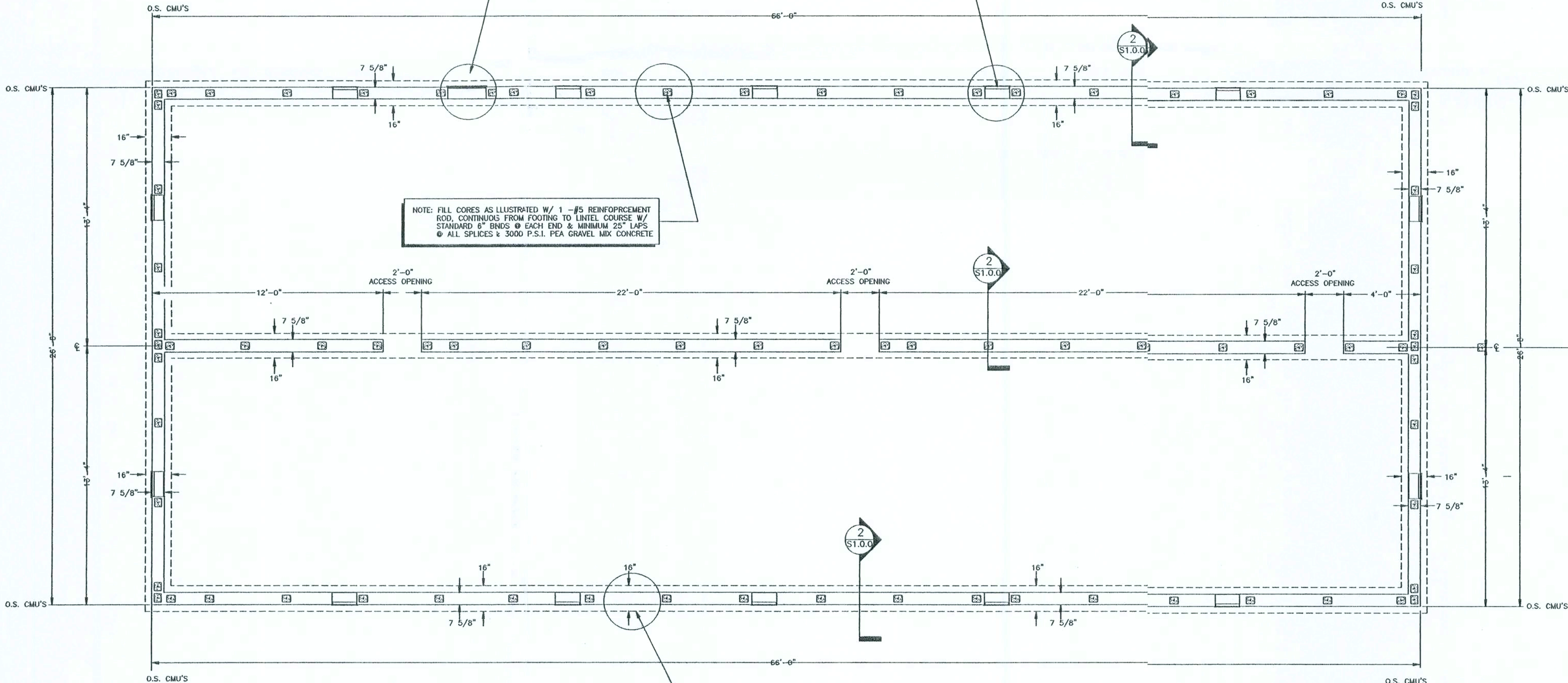


2 SECTION THRU TYPICAL EXTERIOR/INTERIOR STEM WALL  
S1.0.0

NOTE: CONTRACTOR SHALL PROVIDE A MINIMUM OF "GRAB SPACE" VENTILATION AS ILLUSTRATED ON THE PLAN VIEW ELSEWHERE THIS SHEET ALONG THE PERIMETER 8" CMU WALL, FITTED W/ INSECT & VERMIN PROOF SCREENING.  
THE CONTRACTOR SHALL PROVIDE A MINIMUM ACCESS OF 18" W. X 24" H., LOCATED @ THE DIRECTION OF OWNER IN THE 8"X16" (NOM.) CMU PERIMETER WALL.

NOTE: 24" WIDE X 18" HIGH ACCESS W/ COVER. LOCATION MAY VARY

TYPICAL FOUNDATION VENT: PROVIDE A MINIMUM OF 1 S/F OF VENT AREA PER 150 S/F OF CRAWL SPACE AREA W/ A TYPICAL VENT AREA OF 8" X 16" W/ INSECT AND VERMIN PROOF SCREENING.



1 DIMENSIONED FOUNDATION PLAN VIEW  
S1.0.0

SCHEDULE OF REQUIRED FOUNDATION SYSTEM MECHANICAL FASTENERS	
FOUNDATION STEM WALLS	LOCATION OF 1/2" A307 ANCHOR BOLTS: SEE PLAN VIEWS 1 - 1/2" A307 STEEL ANCHOR BOLT SHALL BE INSTALLED @ 6" FROM ALL CORNERS, THE BEGINNING OR END OF ALL SHEARWALL SEGMENTS & AND 6'-0" O.C. MAXIMUM @ THE PERIMETER EXTERIOR CONDITIONED WALL(S). ATTACHING THE P.T. 2 X 8 SILL PLATE TO TOP OF CMU STEM WALL. REFER TO REFERENCED SECTIONS & DETAILS COORDINATING W/ PLAN VIEWS
INTERIOR/PERIMETER	NOTE: ATTACHMENT OF P.T. 2 X 10 FLOOR JOISTS AS ILLUSTRATED ON PLAN VIEW BY OTHERS - REFER TO MANUFACTURED DWELLING PLANS BY OTHERS LOCATIONS OF ATTACHMENT TO EXTERIOR PERIMETER BAND BEAM/JOISTS AS DESCRIBED BELOW: 1 - MODEL No. A35 BYU SIMPSON STRONG-TIE OR EQUAL SHALL BE INSTALLED ALONG THE EXTERIOR/PERIMETER JOISTS TO P.T. SILL PLATE @ ALL CORNERS, 16" FROM ALL CORNERS & 16" O.C. (MAXIMUM) & SHALL BE INSTALLED W/ MIN. 12 - 8d X 1 1/2" NAILS PER DEVICE
NOTES:	SEE ALSO FOUNDATION NOTES & REQUIREMENTS

NOTE: SEE PLANS BY CAVALIER HOME BUILDERS OF MILLER, GEORGIA (ET AL.), 206 MAGNOLIA STREET, MILLER, GEORGIA 30142. MODEL No. 08-E5314M 70' X 28' 4" BR 2 BATH  
THE PRESCRIPTIVE REQUIREMENTS DETAILED BY THE ENGINEER ARE SPECIFIC TO THE CONDITIONS FOR THIS SITE AND DWELLING. USE OF STRUCTURAL ELEMENTS, MECHANICAL FASTENING DEVICES AND OTHER MEANS AND/OR REQUIRED TECHNIQUES NOTED AND DETAILED IN THESE PLANS FOR ALTERNATE BUILDING SITES OR CONDITIONS WILL NOT PROVIDE COMPLIANCE WITH THE FLORIDA BUILDING CODE.  
ADDITIONAL STRUCTURAL REQUIREMENTS AND OTHER REGULATORY, CODE OR STATUTE COMPLIANCE IS NOT ADDRESSED BY THE ENGINEER AND IS THE RESPONSIBILITY OF OTHERS.

CERTIFICATION:  
THESE FOUNDATION PLANS FOR THE 08-E5314M MODEL WILL COMPLY WITH SECTION 1600 OF THE FLORIDA BUILDING CODE, 2004 EDITION FOR A 110 MPH WIND LOAD, 3 SECOND GUST, EXPOSURE B, WITH THE INTERNAL PRESSURE OF + 0.18 AND - 0.18 INCLUDED IN THESE LOADS.

*Curtis E. Keen* 11/20/06  
CURTIS E. KEEN, PE #23836