

ELECTRICAL NOTES:

- 1. ALL EQUIPMENT SHALL BE LISTED BY UL FOR THE APPLICATION FOR WHICH IT IS USED AND ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE LISTING.
- 2. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
- 3. WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS THEY SHALL BE SURFACE MOUNTED OR RECESSED. INCANDESCENT FIXTURES SHALL HAVE COMPLETELY ENCLOSED LAMPS. SURFACE MOUNTED INCANDESCENT FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 6 INCHES FROM "STORAGE AREA" AS DEFINED BY NEC 410-8(g).
- 4. WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE WATER HEATERS SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
- 5. HVAC EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNGROUNDED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS WHERE OTHER DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
- 6. PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE NEC BY LOCAL ELECTRICAL CONSULTANT.
- 7. THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
- 8. SMOKE DETECTORS SHALL BE WIRED SO THAT THE OPERATION OF ANY ONE SMOKE DETECTOR WILL CAUSE SIMULTANEOUS ACTIVATION OF ALL OTHERS.
- 9. ALL SMOKE DETECTORS LOCATED WITHIN 20 FEET OF A COOKING APPLIANCE SHALL BE PHOTO-ELECTRIC TYPE.
- 10. ALL CIRCUITS CROSSING OVER MODULE MOUNTING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES OR CABLE CONNECTORS.
- 11. ALL 15 AND 20 AMP OUTLETS (RECEPTACLES, LIGHTS, SMOKE DETECTORS, ETC.) INSTALLED IN BEDROOMS SHALL BE PROTECTED BY ARC-FAULT CIRCUIT INTERRUPTERS (AFCI).
- 12. ALL RECEPTACLES INSTALLED IN WET LOCATIONS (EXTERIORS) SHALL BE WEATHER PROOF (WP) ENCLOSURES, THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED.
- 13. ALL ELECTRICAL PANELS SHALL HAVE A MAIN BREAKERS INSTALLED THAT IS OF THE SAME SIZE AMPERAGE AS THE PANEL, UNLESS OTHERWISE SPECIFIED.

PLUMBING NOTES:

- 1. ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUT-OFF VALVES.
- 2. DWV SYSTEM SHALL BE EITHER ABS OR PVC - DWV.
- 3. WATER SUPPLY LINES SHALL BE POLYBUTYLENE CPVC OR COPPER. WHEN POLYBUTYLENE SUPPLY LINES ARE INSTALLED THE MAXIMUM WATER HEATER TEMPERATURE SETTING IS 180 °F. THE POLYBUTYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LIMITATIONS AND INSTRUCTIONS.
- 4. ALL PIPE HANGERS SHALL BE NON-METALLIC OR OF THE SAME METAL AS THE PIPE BEING SUPPORTED. ALL SUPPORTS FOR PLASTIC PIPES SHALL PERMIT FREE MOVEMENT AND/OR THERMAL EXPANSION OF THE PIPE. PIPING SUPPORTS SHALL BE SPACED IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODE AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 5. BUILDING DRAIN AND CLEANOUTS ARE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
- 6. WATER HEATER SHALL HAVE SAFETY PAN WITH 1 INCH DRAIN TO EXTERIOR. T & P RELIEF VALVE WITH DRAIN TO EXTERIOR, AND A SHUT OFF VALVE WITHIN 3 FEET ON A COLD WATER SUPPLY LINE.
- 7. WATER HEATER STORAGE TANKS SHALL HAVE THE FIRST 8 FEET OF OUTLET PIPING AND THE INLET PIPE BETWEEN THE TANK AND THE HEAT TRAP COVERED WITH 1" THICK INSULATION FOR PIPE DIAMETERS OF 2" OR LESS, AND 1.5" THICK INSULATION FOR PIPE DIAMETERS GREATER THAN 2".
- 8. WATER PIPES INSTALLED IN A WALL EXPOSED TO THE EXTERIOR SHALL BE LOCATED ON THE HEATED SIDE OF THE WALL INSULATION. WATER PIPING INSTALLED IN AN UNCONDITIONED ATTIC SHALL BE INSULATED WITH AN INSULATION OF R-6.5 MINIMUM.
- 9. WATER CLOSETS ARE TANK TYPE UNLESS OTHERWISE SPECIFIED.
- 10. SHOWERS SHALL BE CONTROLLED BY AN APPROVED MIXING VALVE WITH A MAXIMUM WATER OUTLET TEMPERATURE OF 120°F (48.8°C)
- 11. SHOWER STALLS SHALL BE COVERED WITH NONABSORBENT MATERIAL TO A HEIGHT OF 70 INCHES ABOVE FLOOR FINISH.
- 12. TUB ACCESS PROVIDED UNDER HOME, UNLESS OTHERWISE NOTED.
- 13. THERMAL EXPANSION DEVICES, IF REQUIRED BY WATER HEATER INSTALLED, AND IF NOT SHOWN ON PLUMBING PLAN, IS DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL APPROVAL.
- 14. 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 MANUFACTURERS SPECIFICATIONS.

MECHANICAL NOTES:

- 1. HVAC SYSTEM IS DESIGNED BY OTHERS AND SITE INSTALLED, AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
- 2. INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN AND/OR AS NOTED ON FLOOR PLAN.
- 3. EACH BATHROOM SHALL BE PROVIDED WITH A 50 CFM MINIMUM CAPACITY EXHAUST FAN.
- 4. VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.
- 5. HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH AIR INTAKES.

ELECTRICAL RISER:

200 AMP MAIN BREAKER

200 AMP PANEL
120/240 V, 1 Ø
3 WIRE

TO APPROVED WEATHER
HEAD CONNECTED ON SITE
IN ACCORDANCE WITH SECTION
230-24 OF THE 2005 NEC.

3- #3/0 THW OR THWN COPPER
CONDUCTORS IN 1-1/4"
RIGID METAL CONDUIT OR
RIGID PVC CONDUIT (SCHEDULE 80).

SITE INSTALLED
METER BOX

SERVICE CONDUIT
MAY BE FACTORY
OR SITE INSTALLED.

SITE INSTALLED
#2 COPPER GROUND IN 1/2 INCH CONDUIT
TO TWO 5/8 INCH MINIMUM RODS, 10
FEET IN LENGTH, SPACED A MINIMUM OF 6
FEET APART, INSTALLED PER SECTION
250-52 OF THE 2005 NEC.

ELECTRICAL SCHEDULE

PANEL SIZING

BRKR.(A) NO.	NOMENCLATURE	VOLTS	WIRE CU. NM	DESCRIPTION	KVA
15	1 GENERAL LIGHTING	120	14/2 AFCI	FLOOR AREA (2045 SF x 3 VA.) /1000 =	6.14 KVA
15	2 GENERAL LIGHTING	120	14/2 AFCI	(3) SMALL APPLIANCES AT 1500 VA./1000 =	4.50 KVA
20	3 PORTABLE APPLIANCE	120	12/2 GFCI	RANGE 8 KW (NAMEPLATE) MAX.	8.00 KVA
20	4 PORTABLE APPLIANCE	120	12/2 GFCI	WATER HEATER AT 4.5 KW.	4.50 KVA
20	5 WASHER	120	12/2	DRYER AT 5.0 KW.	5.00 KVA
40 (2P)	6 RANGE	240	8/3 *	WASHER AT 1500 VA. / 1000	1.50 KVA
15	7 GENERAL LIGHTING	120	14/2 AFCI		KVA
15	8 GENERAL LIGHTING	120	14/2 AFCI		KVA
30 (2P)	9 DRYER	240	10/3		KVA
20	10 BATH CIRCUIT	120	12/2 GFCI		KVA
-	11 SPARE	-	-		KVA
30 (2P)	12 WATER HEATER	240	10/2	TOTAL LOAD	KVA
20 (2P)	13 WALL OVEN	240	12/3	FIRST 10 KVA AT 100%	29.64 KVA
15	14 GENERAL LIGHTING	120	14/2	REMAINDER AT 40%	10.00 KVA
-	15 SPARE	-	-	HVAC AT 100% (VERIFY ON SITE)	7.86 KVA
-	16 SPARE	-	-		15.80 KVA
-	17 SPARE	-	-		
-	18 SPARE	-	-	TOTAL	33.66
-	19 SPARE	-	-	TOTAL ÷ 240	
20	20 PORTABLE APPLIANCE	120	12/2 GFCI	x 1000 = 141	
-	21 HVAC	SIZED PER MFR. SPECS.		INSTALL 200 AMP PANEL	
				120/240 V., 1 Ø	

* SE CABLE WITH ALL CONDUCTORS INSULATED (THHN)
HVAC LOAD IS ASSUMED. IF ACTUAL HVAC LOAD EXCEEDS LOAD SHOWN THE ELECTRICAL PANEL SIZING MUST BE RE-EVALUATED BY A LICENSED DESIGNER (DESIGNED BY OTHERS).

AGENCY APPROVAL

These prints comply with the Florida
Manufactured Building Act of 1979
Construction Code and adhere to the
following criteria:

Const. Type
Occupancy
Allowable No.
of Floors
Wind Velocity
Fire Rating of
Ext Walls
Plan No.
Allow. Floor Load
Approval Date
Manufacturer
Approved for
High Velocity
Hurricane Zone

HWC
COA # 1025



TownHomes
P.O. BOX 1059
LAKE CITY, FLORIDA
32056

VISION - EXPERIENCE - INTEGRITY - BUILDING YOUR FUTURE

DATE: 11/30/2007
KENNETH A. GODFREY, P.E.
12132 RUSTIC BARN TRAIL
MORGANTON, GA 30560

SCALE : - NTS -
FL PE#40131

CODES: SEE NOTES
REVISIONS:

LABELS: HWC, FL

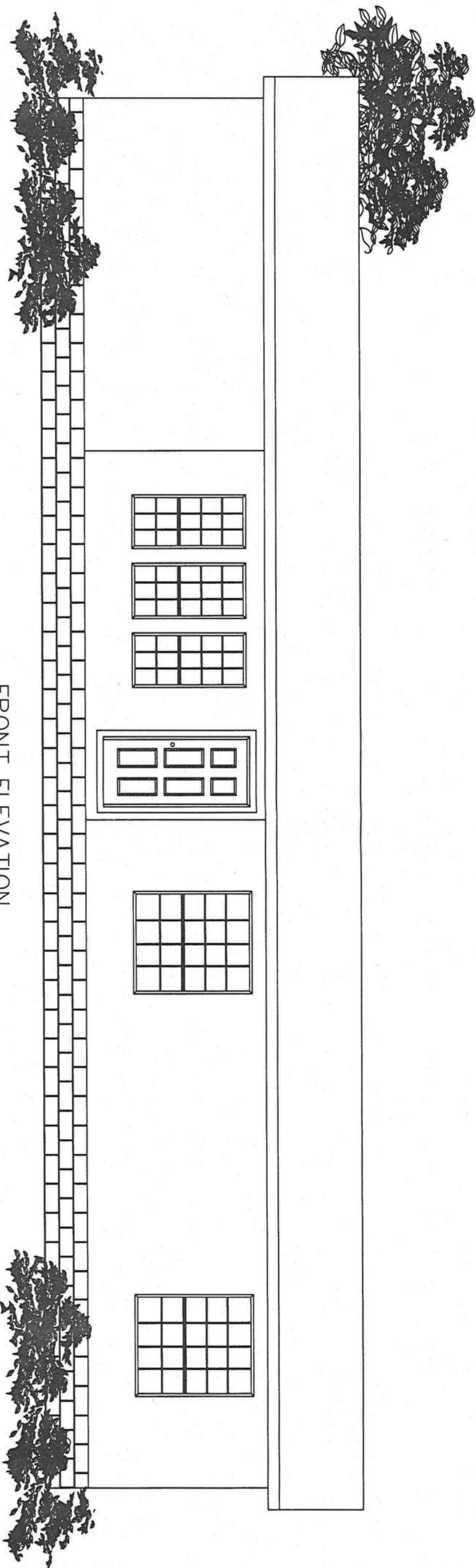
MODEL: 2802-1018

ELECTRICAL, PLUMBING & MECHANICAL NOTES, ETC.

KAG NO.
110807TWN

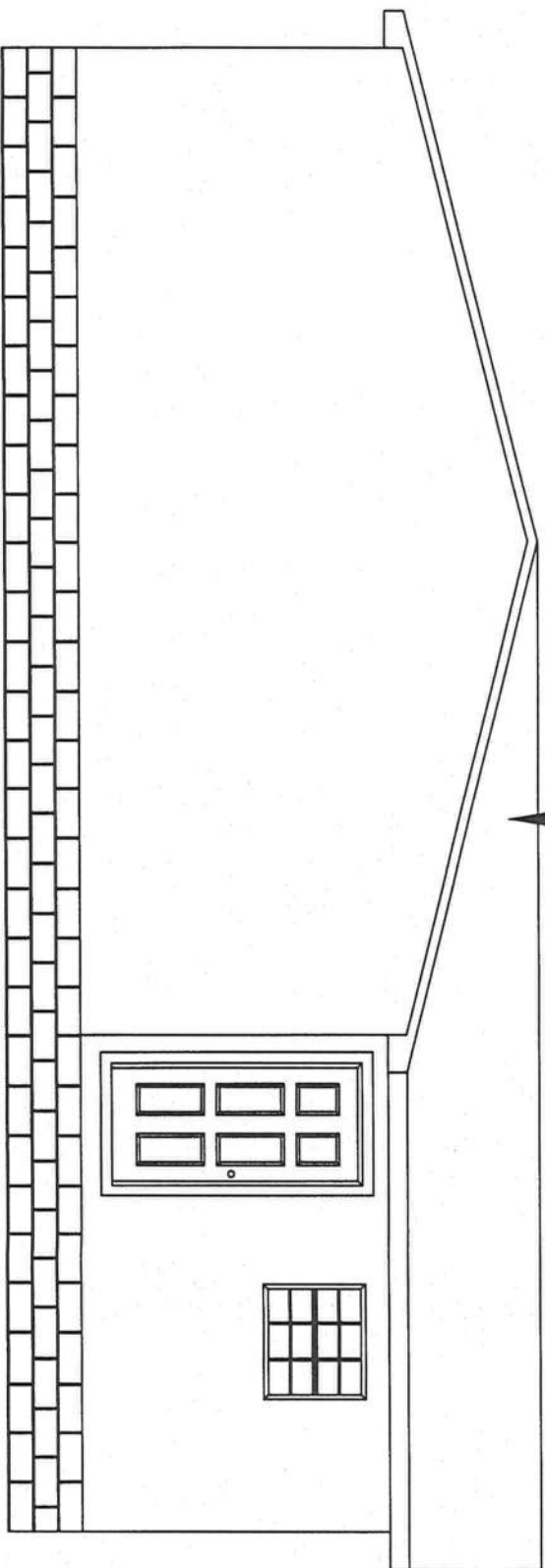
SHEET
2 OF 9

DEC 05 2007



FRONT ELEVATION

CRICKET OVER CENTER MODULE IS SITE INSTALLED AND DESIGNED BY OTHERS. CRICKET MUST BE SHEATHED AND STRUCTURALLY FASTENED TO ROOF OF MODULES A AND C SO AS TO TRANSFER ALL APPLICABLE ROOF DIAPHRAGM LOADS BETWEEN MODULES.



RIGHT SIDE ELEVATION

LISTING
AGENCY APPROVAL

These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria:

Const. Type 1/8
Occupancy R3
Allowable No. of Floors 1
Wind Velocity 130 (3mc)
Fire Rating of Ext. Walls 0
Plan No. 2103-00011
Allow. Floor Load 40
Approval Date 4-6-07
Manufacturer TownHomes
Approved for High Velocity Hurricane Zone Yes
HWC
COA # 1025

TownHomes
P.O. BOX 1059
LAKE CITY, FLORIDA 32056

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DATE: 11/30/2007

KENNETH A. GODFREY, P.E.
12132 RUSTIC BARN TRAIL
MORGANTON, GA 30560

SCALE : -NTS-

FL PE#40131

CODES: FBC

REVISIONS:

LABELS: N/A

BY: KAG

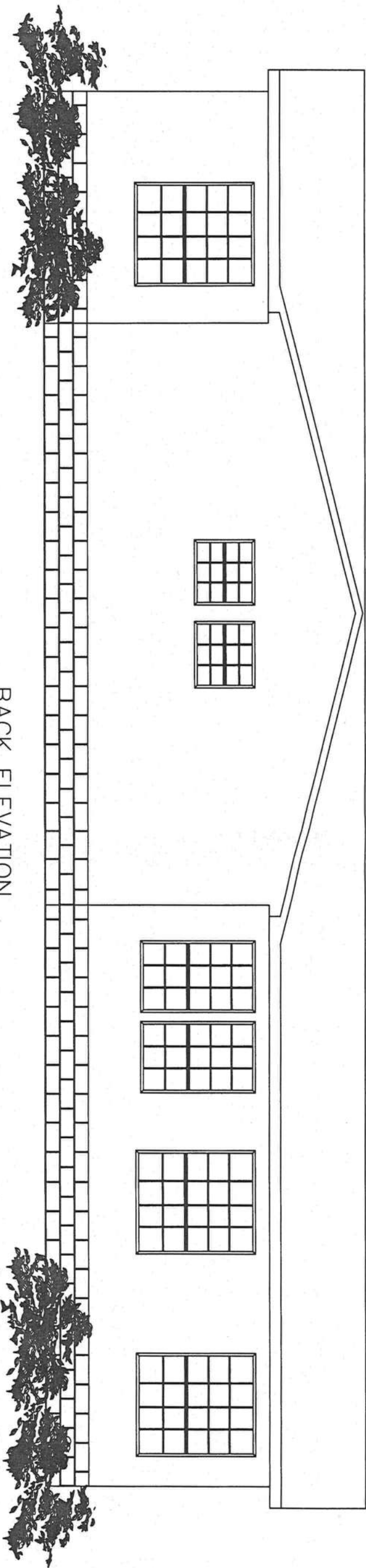
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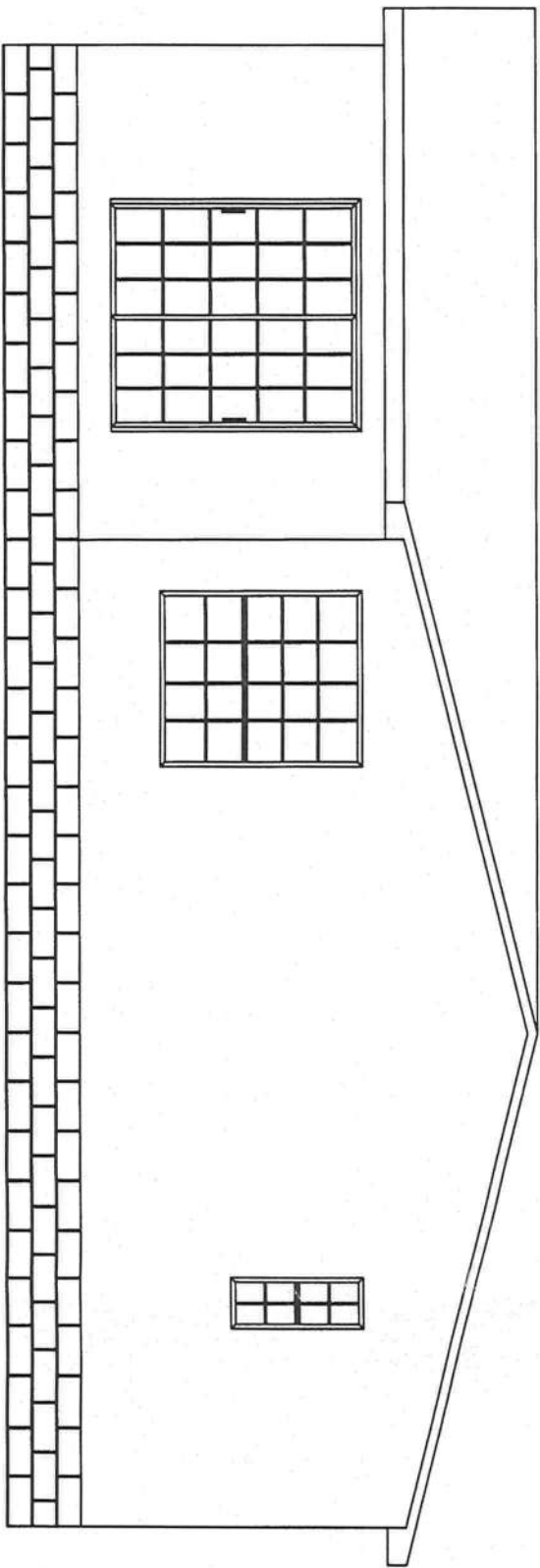
ELEVATIONS

KAG NO. 1108071W 3 OF 9

DEC 05 2007



BACK ELEVATION



LEFT SIDE ELEVATION

LISTING
AGENCY APPROVAL

These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria:

Const. Type UB
Occupancy R3
Allowable No. of Floors 1
Wind Velocity 130 (3 MC)
Fire Rating of Ext. Walls 0
Plan No. 2108-CB51F
Allow. Floor Load 40
Approval Date 12-6-07
Manufacturer TownHomes
Approved for High Velocity Hurricane Zone FL

HWC
COA # 1025



TownHomes
P.O. BOX 1059
LAKE CITY, FLORIDA
32056

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DATE: 11/30/2007

SCALE : -NTS-

CODES: FBC

LABELS: N/A

MODEL: 2802-1018

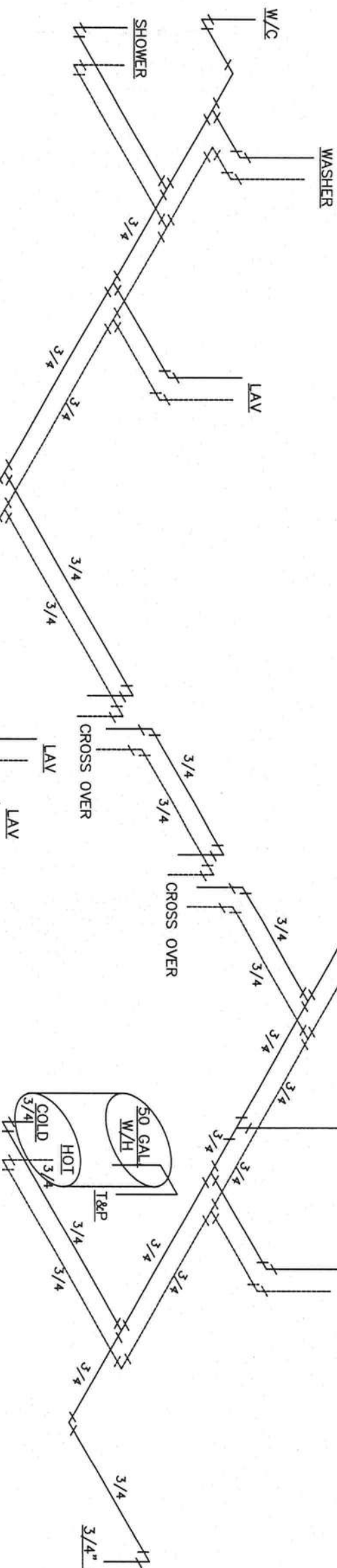
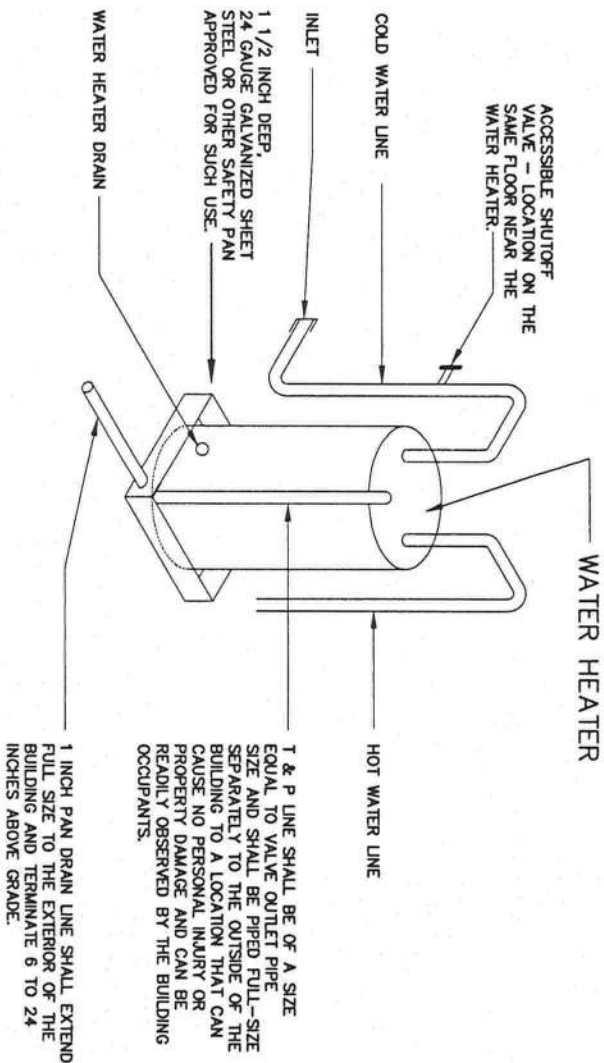
ELEVATIONS

KAG NO. 110807TMM
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DEC 05 2007

1. NOTES: WATER HEATERS SHALL BE PROVIDED WITH A COLD WATER "DIP" TUBE WITH A HOLE AT THE TOP OR A VACUUM RELIEF VALVE INSTALLED IN THE COLD WATER SUPPLY LINE ABOVE THE TOP OF THE WATER HEATER TANK. BOTTOM FED WATER HEATERS SHALL HAVE A VACUUM RELIEF VALVE INSTALLED.
2. WATER HEATERS SHALL BE PROVIDED WITH A TEMPERATURE AND RELIEF VALVE INSTALLED IN THE SHELL OF THE WATER HEATER TANK OR MAY BE INSTALLED IN THE HOT WATER OUTLET PROVIDED THE THERM-BULB EXTENDS INTO THE SHELL OF THE TANK.
3. WHEN POLYBUTYLENE WATER SUPPLY LINES ARE USED, WATER HEATER TEMPERATURE SETTING SHALL NOT EXCEED 180° F.
4. WATER HEATER SAFETY PAN IS REQUIRED WHEN WATER HEATER IS INSTALLED IN A LOCATION WHERE LEAKAGE WILL CAUSE DAMAGE.

TYPICAL WATER HEATER DETAIL



SUPPLY LINE NOTES:

1. SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 50 PSI TO 60 PSI AT THE LOCATION OF THE INLET(S) SHOWN AFTER ANY DEDUCTIONS FOR WATER PRESSURE REDUCING VALVES OR SPECIAL EQUIPMENT SUCH AS BACKFLOW PREVENTOR, FILTER, SOFTENER, ETC. THIS AVAILABLE PRESSURE MUST BE VERIFIED PRIOR TO CONSTRUCTION.
2. SUPPLY LINE INLET(S) SHOWN ON THESE PLANS ARE ASSUMED TO EXTEND ONLY TO EXTERIOR WALL. ALL SERVICE SUPPLY LINES UP TO THE INLET(S) ARE DESIGNED BY OTHERS AND SITE INSTALLED UNLESS OTHERWISE SPECIFIED.
3. SUPPLY LINE SIZING MUST BE REDESIGNED IF THE BUILDING DOES NOT COMPLY WITH ANY OF THE ABOVE ASSUMPTIONS.
4. UNLESS OTHERWISE SPECIFIED ALL SUPPLY LINES ARE 1/2" Ø.
5. HOT WATER LINES SHALL BE CONNECTED TO THE LEFT SIDE OF FIXTURES.

HOT
COLD

SUPPLY SYSTEM

USING AGENCY APPROVAL

These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria:

Const. Type 1B
Occupancy R3
Allowable No. of Floors 1
Wind Velocity 130 (3 mcs)
Frie Rating of Ext. Walls 0
Plan No. 2148-0051F
Allow Floor Load 40
Approval Date 4-6-07
Manufacturer TownHomes
Approved for High Velocity Hurricane Zone No
HWC
COA # 1025

TownHomes
P.O. BOX 1059
LAKE CITY, FLORIDA 32056

VISION - EXPERIENCE - INTEGRITY - BUILDING YOUR FUTURE

DATE: 11/30/2007

KENNETH A. GODFREY, P.E.

SCALE: - NTS-

12132 RUSTIC BARN TRAIL
MORGANTON, GA 30560
FL PE#40131

CODES: FBC

REVISIONS:

LABELS: FL HWC

BY: KAG

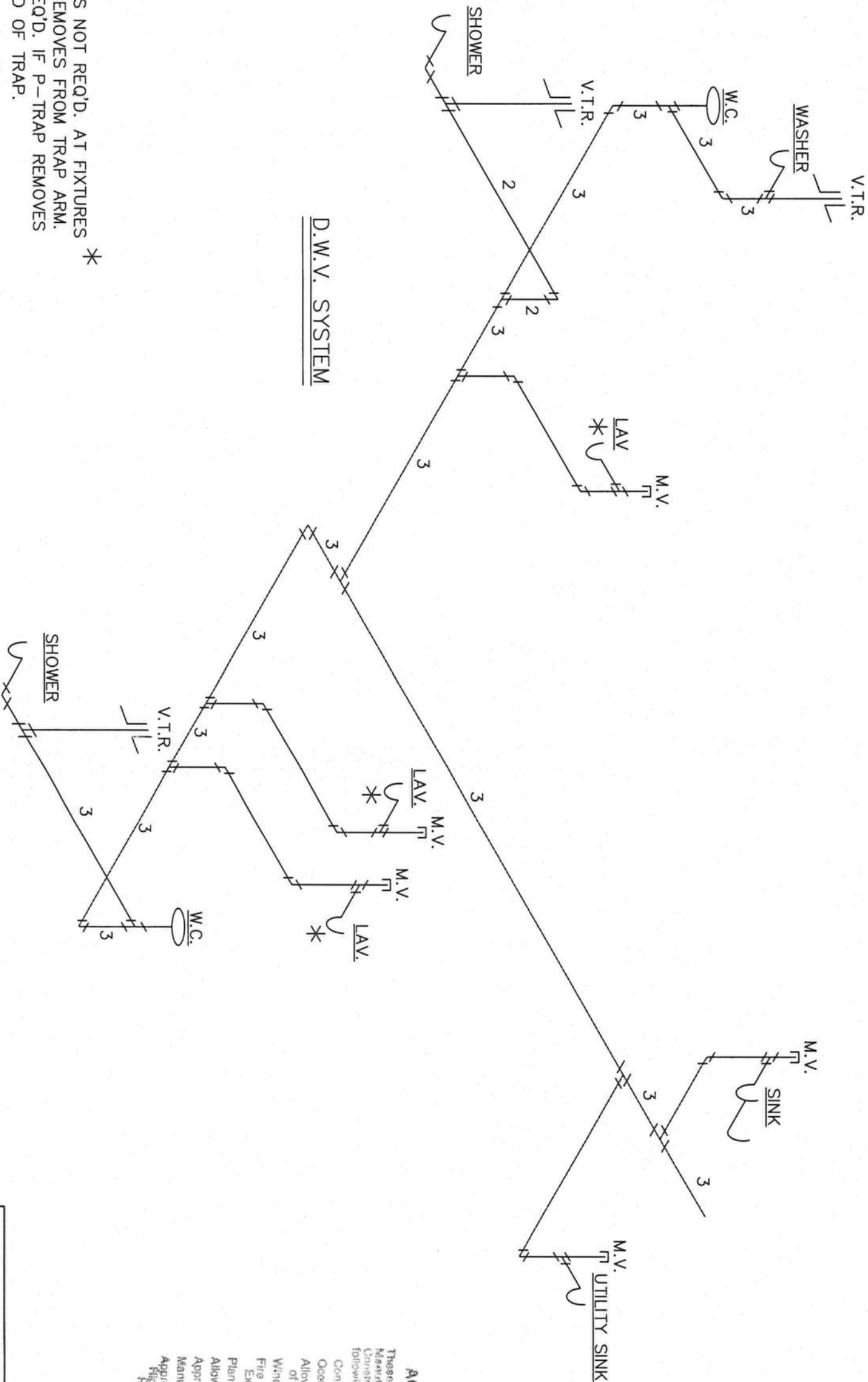
MODEL: 2802-1018

SUPPLY RISERS

KAG NO. 1108071W

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DEC 05 2007



D.W.V. SYSTEM

DWV NOTES:

- 1. CLEANOUTS NOT REQ'D. AT FIXTURES *
- IF P-TRAP REMOVES FROM TRAP ARM, CLEANOUT REQ'D. IF P-TRAP REMOVES FROM U BEND OF TRAP.
- 2. ALL LINES ARE 2" UNLESS OTHERWISE SPECIFIED.

LISTING
 AGENCY APPROVAL
 These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria:

Const. Type 1B
 Occupancy R-3
 Allowable No. of Floors 1 (30'3" max)
 Wind Velocity 0
 Fire Rating of Exit Walls 0
 Plan No. 2148-00511F
 Allow. Floor Load 40
 Approval Date 12-6-07
 Manufacturer TownHomes
 Approved for High Velocity Hurricane Zone No
 HWC
 COA # 1026

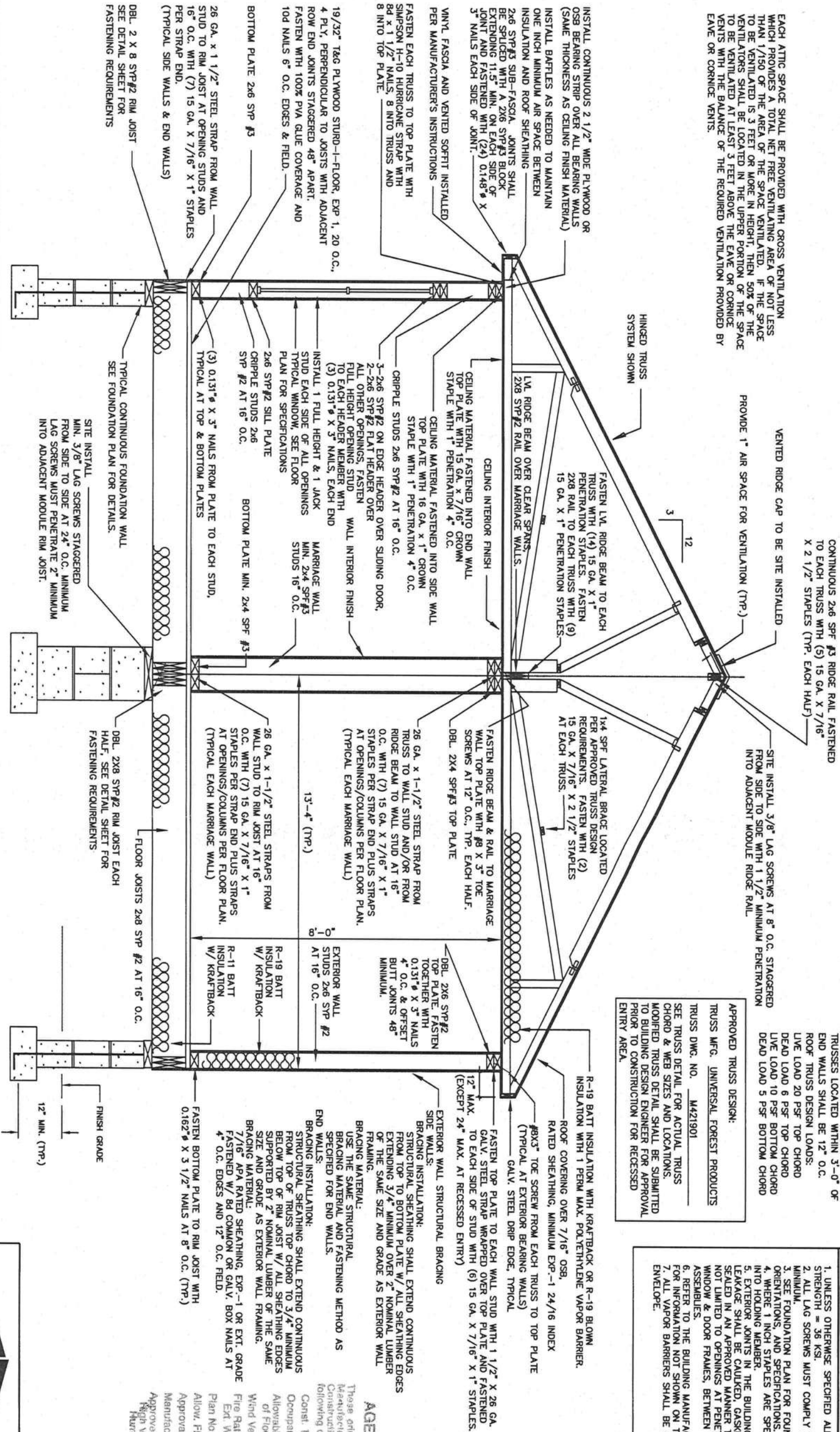
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		TownHomes P.O. BOX 1059 LAKE CITY, FLORIDA 32056	
VISION - EXPERIENCE - INTEGRITY - BUILDING TOWN HOMES			
DATE: 11/30/2007	KENNETH A. GODFREY, P.E.		
SCALE : -NTS-	12132 RUSTIC BARN TRAIL		
	MORGANTON, GA 30560		
	FL PE#40131		
CODES: FBC	REVISIONS:		BY: KAG
LABELS: FL, HWC			SHEET
MODEL: 2802-1018			7 OF 9
DWV RISERS	KAG NO. 110807TMM		

GENERAL CROSS SECTION NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL STEEL MUST COMPLY WITH ASTM A36, YIELD STRENGTH = 36 KSI.
2. ALL LAG SCREWS MUST COMPLY WITH ANSI/ASME B18.2.1, Fy = 60 KSI MINIMUM.
3. SEE FOUNDATION PLAN FOR FOUNDATION WALL, PIER, AND THE DOWN LOCATIONS, ORIENTATIONS, AND SPECIFICATIONS.
4. WHERE 1 INCH STAPLES ARE SPECIFIED THIS SHALL MEAN 1 INCH PENETRATION INTO HOLDING MEMBER.
5. EXTERIOR JOINTS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED, OR OTHERWISE SEALED IN AN APPROVED MANNER TO PREVENT AIR LEAKS. THIS INCLUDES BUT IS NOT LIMITED TO OPENINGS AT PENETRATIONS OF UTILITY SERVICES, AROUND WINDOW & DOOR FRAMES, BETWEEN WALLS PANELS AND FLOOR OR ROOF/CEILING ASSEMBLIES.
6. REFER TO THE BUILDING MANUFACTURER'S APPROVED CONSTRUCTION PACKAGE FOR INFORMATION NOT SHOWN ON THESE PLANS.
7. ALL VAPOR BARRIERS SHALL BE ON THE WINTER WARM SIDE OF THE BUILDING ENVELOPE.

EACH ATTIC SPACE SHALL BE PROVIDED WITH CROSS VENTILATION WHICH PROVIDES A TOTAL NET FREE VENTILATING AREA OF NOT LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED. IF THE SPACE TO BE VENTILATED IS 3 FEET OR MORE IN HEIGHT, THEN 50% OF THE VENTILATORS SHALL BE LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET ABOVE THE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.



INTERIOR FINISH MATERIAL:

CEILING - 1/2 INCH MINIMUM GYPSUM BOARD INSTALLED PER MANUFACTURER'S SPECIFICATIONS. (POP-CORN FINISH OR SEASPRAY FINISH) WHEN SUPPORTS ARE 24" O.C. AND WET SPRAY-ON FINISH IS USED GYPSUM BOARD SHALL BE 5/8 INCH THICK OR GOLD BOND 1/2 INCH HIGH STRENGTH CEILING BOARD OR EQUAL SHALL BE USED.

WALL - 1/2 INCH MINIMUM GYPSUM BOARD THROUGHOUT.

FLOOR - BLOCK TILE OR UNOLEUM IN BATHROOM AND OTHER WET AREAS. CARPET, BLOCK TILE, OR UNOLEUM INSTALLED IN ALL OTHER AREAS.

EXTERIOR FINISH MATERIAL:

ROOF - ASPHALT SHINGLES OVER 2 LAYERS OF #15 FELT PAPER. SHINGLES SHALL COMPLY WITH ASTM D225 OR ASTM D3462. SHINGLES SHALL BE INSTALLED WITH AN 11/16" MIN. OVERLAP. SHINGLES SHALL BE INSTALLED WITH AN 11/16" MIN. OVERLAP. SHINGLES SHALL BE INSTALLED WITH AN 11/16" MIN. OVERLAP. SHINGLES SHALL BE INSTALLED WITH AN 11/16" MIN. OVERLAP.

WALL - VINYL LAP SIDING CONFORMING W/ ASTM D3679.

- GENERAL FINISH NOTES:
1. ALL ROOFING AND SIDING MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE PRODUCTS MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ROOFING AND SIDING MATERIALS AND THEIR FASTENINGS SHALL BE DESIGNED AND INSTALLED SO AS TO RESIST THE COMPONENT WIND LOAD SHOWN ON THE COVER SHEET.
3. ALL ROOF COVERINGS SHALL MEET CLASS C OR BETTER REQUIREMENTS.

4. WALL FINISH SHALL BE INSTALLED OVER APPROVED MOISTURE PROTECTION AND BRACING MATERIAL.
5. WALL FINISH MANUFACTURER'S SPECIFICATIONS, BUT NOT LESS THAN ONE LAYER OF NO. 15 ASPHALT FELT, COMPLYING WITH ASTM D226 FOR TYPE I FELT, ATTACHED IN SUCH A MANNER AS TO PROVIDE A CONTINUOUS WATER-RESISTIVE BARRIER BEHIND THE EXTERIOR WALL FINISH.

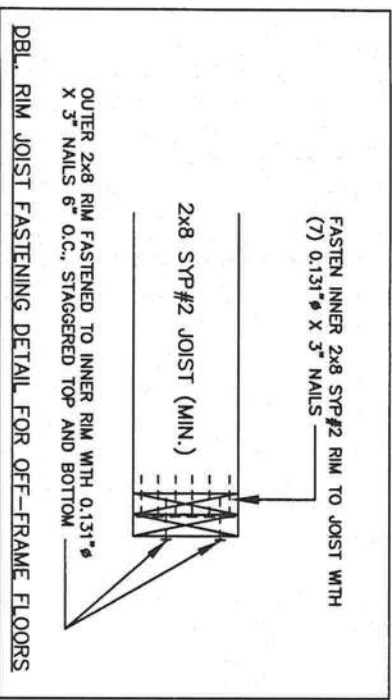
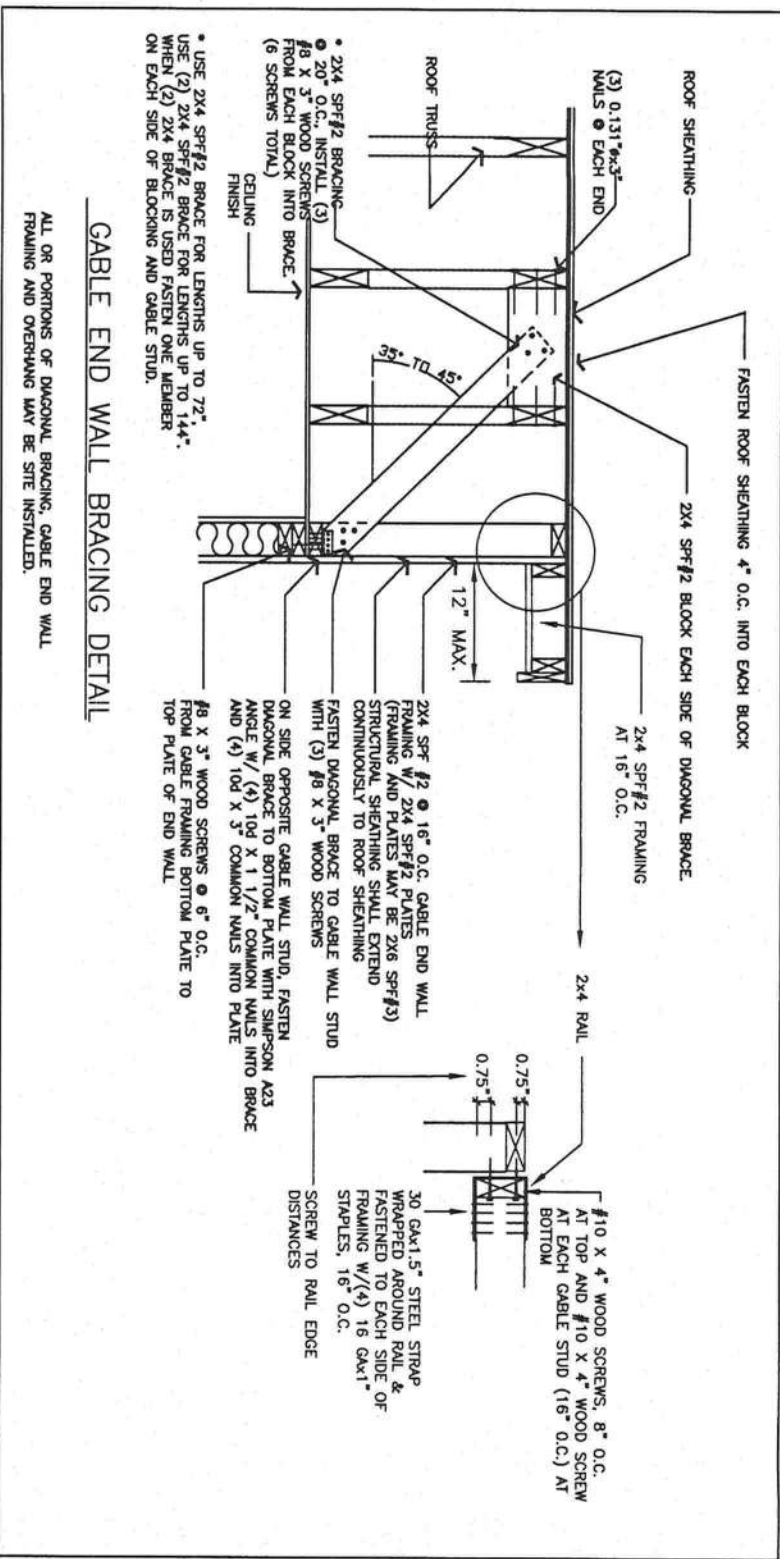
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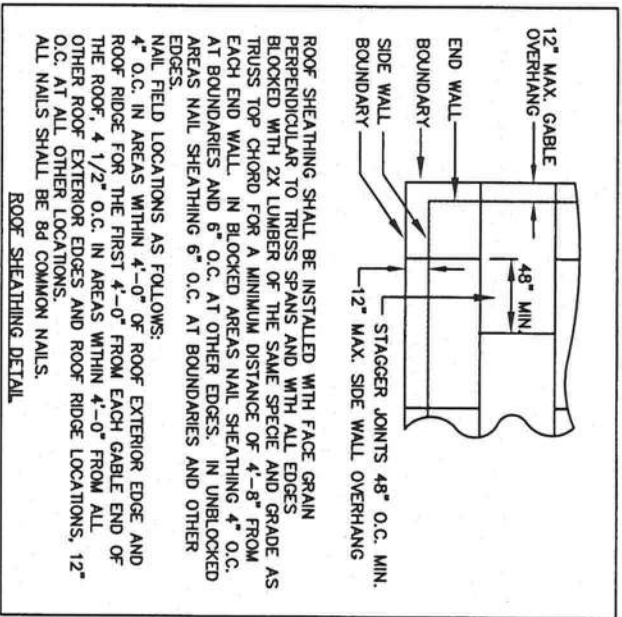
DATE: 11/30/2007
SCALE: - NTS-
CODES: FBC
LABELS: FL, HWC

MODEL: 2802-1018
CROSS SECTION

BY: KAG
SHEET 8 OF 9



- TYPICAL MICROLLAM LVL BEAM CONSTRUCTION NOTES**
1. MICROLLAM Fb = 2750 PSI, MOE = 2000000 PSI
2. MICROLLAM MUST BE CONTINUOUS OVER CLEARSPAN(S) AND ALL COLUMN SUPPORTS.
3. BEAMS SUPPORTED BY END WALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF END WALL.
4. FASTEN ROOF SHEATHING INTO TOP EDGE OF MICROLLAM TO PROVIDE CONTINUOUS LATERAL SUPPORT OF TOP EDGE OF BEAM. FASTEN CEILING SHEETROCK INTO BOTTOM EDGE OF BEAM TO PROVIDE CONTINUOUS LATERAL SUPPORT OF BOTTOM EDGE OF BEAM.
5. INSTALL (2 x 4) x 20" SPF#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 6-16 GA. STAPLES WITH 3/4" MINIMUM PENETRATION INTO MICROLLAM BEAM.



COLUMN & COLUMN STRAPPING LEGEND	
(A) ———→	INDICATES TYPE OF STUD
(T) ———→	INDICATES TYPE OF THE DOWN STRAP
* ———→	INDICATES WITH RIDGE BEAM BEARING STIFFENER (SEE RIDGE BEAM NOTES FOR SPECIFICATIONS)
COLUMN DESCRIPTIONS	
A (2) 2x4 SPF #2 THIS HALF.	B (2) 2x4 SPF #2 EACH HALF.
C (3) 2x4 SPF #2 THIS HALF.	D (3) 2x4 SPF #2 EACH HALF.
E (4) 2x6 SPF #2 THIS HALF.	F (4) 2x6 SPF #2 EACH HALF.
G (5) 2x4 SPF #2 THIS HALF.	H (5) 2x4 SPF #2 EACH HALF.
NOTES:	
1. ALL COLUMN STUDS SHALL BE NAILED TOGETHER PER NDS AND FASTENED TOGETHER WITH 100% PVA GLUE COVERAGE.	
2. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.	
3. INSTALL ONE TIE DOWN STRAP FROM RIDGE BEAM TO COLUMN AND FROM COLUMN TO FLOOR RIM JOIST FOR EACH STUD OF COLUMN. (IE: 4 STUD COLUMN WILL REQUIRE 4 TIE DOWN STRAPS)	
4. STRAPS SHALL NOT BE OVERLAPPED OR DOUBLED UNLESS SPECIFIED OTHERWISE.	
TIE DOWN STRAP DESCRIPTIONS	
T1 20 GA X 1-1/2" GALV. STEEL STRAP WITH (6) 0.148" x 3" NAILS EACH END. TWO 26 GA X 1.5" GALV. STEEL STRAPS MAY BE SUBSTITUTED FOR ONE 20 GA X 1-1/2" STRAP. NAILS MUST PENETRATE 2" MINIMUM INTO ALL MEMBERS. PENETRATION MAY BE REDUCED TO 1-1/2" IF 8 NAILS ARE USED IN LIEU OF 6. IN NO CASE SHALL SPLITTING OF WOOD BE PERMITTED.	
T2 26 GA X 1-1/2" GALV. STEEL STRAP WITH (6) 14 GA X 7/16" X 1" STAPLES EACH END. 15 GA STAPLES MAY BE USED IF QUANTITY IS INCREASED TO (7) STAPLES.	

AGENCY APPROVAL

These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria:

Const. Type 1B

Occupancy R3

Allowable No. of Storys 1 (3MC)

Wind Velocity 0

Fire Rating of Ext. Walls 0

Plan No. 2188-2051F

Allow Floor Load 40

Approval Date 12-10-07

Manufacturer TownHomes

Approved for High Velocity Hurricane Zone Yes

HWC

COA # 1025

TownHomes

P.O. BOX 1059
LAKE CITY, FLORIDA 32056

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DATE: 11/30/2007

SCALE : -NTS-

CODES: FBC

LABELS: N/A

MODEL: 2802-1018

DETAILS 1

KAG NO. 110807TWN

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DEC 05 2007