



CHAMPION HOME BUILDERS, INC.
P.O. BOX 2097
(1915 SE STATE ROAD 100)
LAKE CITY, FL 32056

C555
4 BEDROOM, 3 BATH
2,204 SQ. FT.



CODE SUMMARY:

STATE	RESIDENTIAL	ELECTRICAL	MECHANICAL	PLUMBING	ENERGY	FIRE PREVENTION	LIFE SAFETY	FUEL	ACCESSIBILITY
FLORIDA	2007 FLORIDA RESIDENTIAL BUILDING CODE WITH 2009 SUPPLEMENTS	2008 NATIONAL ELECTRICAL CODE	2007 FLORIDA RESIDENTIAL BUILDING CODE WITH 2009 SUPPLEMENTS	2007 FLORIDA RESIDENTIAL BUILDING CODE WITH 2009 SUPPLEMENTS	2007 FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION WITH 2009 SUPPLEMENTS	2007 FLORIDA FIRE PREVENTION	2006 NFPA 101 LIFE SAFETY CODE	2007 FLORIDA RESIDENTIAL BUILDING CODE WITH 2009 SUPPLEMENTS	2007 FBC CHAP 11 WITH 2009 SUPPLEMENTS

SHEET INDEX

CP-101	COVER SHEET
GE-101	GENERAL NOTES
GE-102	ELECTRIC PANEL
EV-101	ELEVATIONS
AP-101	FLOOR PLAN
ME-101	DUCT PLAN
PP-101	DWV PLAN
WP-101	WATER LINE PLAN
F-102	FOUNDATION PLAN

ADDITIONAL DETAILS IN THE
FLORIDA TYPICALS PACKAGE

PAGE 1	E 5.0	PAGE 8	E 5.7
PAGE 2	E 5.1	PAGE 8A	E 5.7A
PAGE 6	E 5.5	PAGE 9	E 5.8
PAGE 7	E 5.6A	PAGE 10	E 5.9

BUILDING INSULATION VALUES:

WALLS:	R-19
FLOOR:	R-11
CEILING:	R-30
WINDOWS:	U = 0.51

14.69 SQUARE FEET NET FREE AREA OF
ATTIC VENTILATION TO BE PROVIDED
BY SOFFIT AND RIDGE VENTS/ROOF VENTS.

14.69 SQUARE FEET NET FREE AREA OF
CRAWL SPACE VENTILATION TO BE
PROVIDED BY FOUNDATION CONTRACTOR.

1-STORY IS 2.204 SQUARE FEET- TOTAL CONDITIONED FLOOR AREA.

NOTE:
COMPLETION OF THIS BUILDING TO BE IN COMPLIANCE
WITH ALL STATE AND LOCAL DESIGN CODES. ALL WORK TO
BE COMPLETED BY A LICENSED CONTRACTOR AND
INSPECTED BY A LOCAL BUILDING OFFICIAL.

NOTE:
STRUCTURE HAS BEEN DESIGNED FOR INSTALLATION ON
SITE - BUILT PERMANENT FOUNDATION AND IS NOT
INTENDED TO BE MOVED, ONCE SO INSTALLED."

NOTES:

ALL MATERIALS COVERED BY THE FLORIDA BUILDING COMMISSION 9B-72
RULES SHALL HAVE CURRENT FLORIDA PRODUCT APPROVAL.
DATA PLATE AND STATE INSIGNIAS ARE LOCATED IN or ON THE PANEL BOX OF THE HOME.
RAISED SEAL PRINTS ARE ON FILE IN THE OFFICE OF HWC, INC.
PLAN REVIEW AND INSPECTION REQUIRED BY CHAPTER 633 F.S., TO BE
HANDLED BY LOCAL FIRE SAFETY INSPECTOR.

THIS BUILDING IS ON A PERMANENT FOUNDATION AND IS NOT
INTENDED TO BE MOVED ONCE SO INSTALLED.

SEE THE STATE APPROVED CONSTRUCTION PACKAGE FOR ROOF CONSTRUCTION
DETAILS, FOUNDATION DETAILS AND TYPICAL CONSTRUCTION DETAILS.

FLORIDA TYPICALS FOR 13'-4" WIDE MUST ACCOMPANY THESE PLANS UPON SUBMITTAL. ADDITIONAL
HINGED ROOF DETAILS MUST BE INCLUDED WHEN HOME IS BUILT WITH HINGED ROOF.

ACTUAL CONSTRUCTION METHOD AND PRODUCTS MAY VARY FROM DETAILS CONTAINED IN THIS
DOCUMENT PROVIDED THE METHOD OF CONSTRUCTION AND PRODUCTS ARE ADDRESSED IN THE DCA
QUALITY ASSURANCE AND BUILDING SYSTEMS MANUAL LOCATED AT THE MANUFACTURING FACILITY.

SITE INSTALLED ITEMS:

NOTE: THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A
COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL.

1. THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.
2. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
3. PORTABLE FIRE EXTINGUISHER(S).
4. BUILDING DRAINS, CLEANOUTS, AND HOOK-UP TO PLUMBING SYSTEM.
5. ELECTRICAL SERVICE HOOK-UP (INCLUDING FEEDERS) TO THE BUILDING.
6. THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS (MULTI-UNITS ONLY).
7. CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATING LINE(S) - (MULTI-UNITS ONLY).
8. STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
9. DORMERS, AND ANY OTHER AESTHETIC CONNECTIONS.
10. FOUNDATION SILL PLATE ANCHORAGE.
11. FLOOR INSULATION MAY BE SITE INSTALLED
12. PORTABLE WATER SERVICE, MAIN SHUT OFF VALVE.
13. OPENING PROTECTION IN WIND DEBRIS REGIONS I.E. WINDOWS, DOORS, SHUTTERS.
14. PLAN REVIEW AND INSPECTION REQUIRED BY CHAPTER 633 F.S., TO BE HANDLED BY LOCAL FIRE SAFETY INSPECTOR.
15. ROOFING MATERIAL, METAL ROOF, EVE DRIP.
16. GABLE ENDWALL FRAMING
17. A/C UNIT
18. GAS LINES WILL BE STUBBED OUT. CONNECTIONS AND INSTALLATION TO BE DONE BY OTHERS ON SITE.
19. A.A.V. (AIR ADMITTANCE VALVE TEST) AFTER DWV TEST

Date 4-22-10 Plan No. 2425-0017F
Approved By SCOTT S. FLORES
Modular Building Plans Examiner
Florida License No. SNIP-42

1-STORY TRUSS PACKAGE	
UNIVERSAL FOREST PRODUCTS	
14'-6" WIDE MODULES	
CC278704 (10/12)	
HC190606 (6/12 VAULT)	
HMS84511 (6/12 FLAT)	
P450702 (6/12 FLAT) USE ON TAG	

2007 FLORIDA RESIDENTIAL
BUILDING CODE
WITH
2009 SUPPLEMENTS

FLORIDA
STRUCTURAL LOAD LIMITATIONS:
EXPOSURE C.

1. FLOOR LIVE LOAD:
1. 40 PSF
2. 20 PSF
2. ROOF LIVE LOAD:
2. 20 PSF
3. WIND LOAD:
1. 130 MPH (3-SEC.)
2. 1w = 1.0
4. GCM = 0.18
5. DWP FOR CIC
6. DWP FOR CIC
7. DWP FOR CIC
8. DWP FOR CIC
9. DWP FOR CIC
10. DWP FOR CIC
11. DWP FOR CIC
12. DWP FOR CIC
13. DWP FOR CIC
14. DWP FOR CIC
15. DWP FOR CIC
16. DWP FOR CIC
17. DWP FOR CIC
18. DWP FOR CIC
19. DWP FOR CIC

TITLE:
COVER SHEET

MODEL:

C555
4 BEDROOM, 3 BATH

DATE: 04-14-10

SCALE:
DRAWN BY: STAFF

REVISED:
REVISIONS

SHEET NO:

CP-101

PAGE:

2425-0017F



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APPROVED APR 21 2010

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Third Party:
Hilborn, Werner, Carter
and Associates (HWC)
1627 South Myrtle Ave.
Clearwater, Florida 33756

GENERAL NOTES: 2007 FBCR WITH 2009 SUPPLEMENTS

- ALL GLAZING WITHIN 24 INCH ARC OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR, AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED OR ACRYLIC PLASTIC SHEET.
- FLOOR DESIGN LIVE LOAD - 40 PSF.
- MAXIMUM WIND SPEED - 130 MPH.* (EXPOSURE C)
BUILDING IS NOT DESIGNED TO BE LOCATED WITHIN A DISTANCE OF 600 FT. OF INLAND BODIES OF WATER THAT REPRESENT A FETCH OF 1 MILE OR MORE OR INLAND WATER WAYS OR RIVERS WITH A WIDTH OF 1 MILE OR MORE OR SEAWARD SIDE OF A COASTAL CONSTRUCTION ZONE.
- OCCUPANCY IS RESIDENTIAL. (R-3)
- OCCUPANT LOAD IS BASED ON 1 PERSON PER 200 SQUARE FEET OF FLOOR AREA.
- CONSTRUCTION IS TYPE VB, UNPROTECTED.
- MINIMUM CORRIDOR WIDTH IS 36 INCHES.
- WINDOWS, GLASS, DOORS, SHALL COMPLY WITH AAMA / NWMDA 101 / I.S.2.
- ALL MATERIALS USE IN THIS CONSTRUCTION OF THE BUILDING WHICH ARE COVERED BY THE FLORIDA BUILDING COMMISSION CHAPTER 9B-72 RULES SHALL HAVE CURRENT FLORIDA PRODUCT APPROVAL.
- ALL CONSTRUCTION MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE CODES SPECIFIED ON THE DRAWINGS.
- ATTIC AND CRAWLSPACE VENTILATION SHALL BE PROVIDED IN ACCORDANCE WITH ALL APPLICABLE CODE SECTIONS.
- DATA PLATE AND STATE INSIGNIAS ARE LOCATED IN OR ON THE PANEL BOX OF THE HOME.
- ALL STEEL STRAPS REFERENCED ON FLOOR PLAN SHALL BE 1.5" X 26GA. WITH 7-15 GA. X 7/16" CROWN X1-1/8" STAPLES EACH END OF STRAP OR EQUIVALENT FROM RIDGE BEAM TO COLUMN, AND COLUMN TO FLOOR.

MECHANICAL NOTES: 2007 FBCR WITH 2009 SUPPLEMENTS

- ALL SUPPLY AIR REGISTERS ARE ADJUSTABLE, EXCEPT WHERE OTHERWISE SPECIFIED.
- INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN AND/OR AS NOTED ON FLOOR PLAN. PRESSURE DIFFERENTIAL ACROSS CLOSED DOORS SHALL BE LIMITED TO .01 INCH WX (2.5 PASCALS) OR LESS.
- RESTROOM VENT FANS SHALL PROVIDE 50 CFM MINIMUM OF VENTILATION.
- VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.
- HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH AIR INTAKES TO PROVIDE 20 CFM PER PERSON.
- IF THIS BUILDING IS LOCATED IN A JURISDICTION THAT HAS ADOPTED THE ORDINANCE FOR RADON-RESISTANT CONSTRUCTION, RULE -9B-52, FLORIDA STATUTE 563.98, RETURN DUCTS AND PLENUMS SHALL NOT BE LOCATED IN THE CRAWL SPACES.

RIDGE BEAM CONSTRUCTION NOTES

- LVL Fb = 2800 PSI, MOE = 2,000,000 PSI., MICROLAM 2.0 SP OR BETTER.
- LVL OR OTHER SIMILAR MATERIAL MUST BE CONTINUOUS OVER CLEARSPAN(S).
- BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
- INSTALL (2x4) 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 8-15 ga x 2 1/2" STAPLES.
- FASTEN ROOF SHEATHING INTO TOP EDGE OF BEAM TO PROVIDE CONTINUOUS LATERAL SUPPORT OF BEAM.

FOUNDATION:

FOUNDATION IS DESIGNED BY OTHERS. DETAILS CONTAINED IN THESE TYPICAL DRAWINGS ARE SUPPLEMENTAL AND MUST BE EVALUATED BY FOUNDATION DESIGNER FOR COMPATIBILITY WITH THE FOUNDATION DESIGN.

ELECTRICAL NOTES: 2008 NEC

- ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
- 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(a).
- 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 SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
- 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.
- 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.
- THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
- ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES, OR CABLE CONNECTORS.
- ALL OUTLETS LOCATED WITHIN 6 FEET OF A SINK OR BASIN SHALL BE EQUIPPED WITH GFCI PROTECTION.
- SMOKE DETECTORS SHALL BE WIRED SO THAT THE OPERATION OF ANY ONE SMOKE DETECTOR WILL CAUSE SIMULTANEOUS ACTIVATION OF ALL OTHERS (IN ANY ONE DWELLING UNIT).
- PROVIDE COMBINATION SMOKE/CARBON MONOXIDE DETECTORS WHEN ANY FOSSIL FUEL APPLIANCES, FIRE PLACES OR ATTACHED GARAGE ARE PROVIDED. (FLORIDA 9B-3.0472)
- ALL RECEPTACLES INSTALLED IN WET LOCATIONS (EXTERIOR) SHALL BE IN WEATHER PROOF (WP) ENCLOSURES, THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED.
- ALL BRANCH CIRCUITS SUPPLYING 15 AND 20 AMPERE OUTLETS IN ALL AREAS ARE PROTECTED BY AN ARC- FAULT CIRCUIT INTERRUPTER IN ACCORDANCE WITH SECTION 210.12,2008 NEC.
- PROVIDE TAMPER RESISTANT RECEPTACLES IN ACCORDANCE WITH SECTION 406.11, 2008 NEC.

PLUMBING NOTES: 2007 FBCR WITH 2009 SUPPLEMENTS

- ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUT-OFF VALVES.
- 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.
- 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.
- DWV SYSTEM SHALL BE EITHER ABS OR PVC - DWV.
- WATER SUPPLY LINES SHALL BE PEX, CPVC, OR COPPER. WHEN PEX SUPPLY LINES ARE INSTALLED THE MAXIMUM WATER HEATER TEMPERATURE SETTING IS 180° F. THE PEX PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LIMITATIONS AND INSTRUCTIONS.
- BUILDING DRAIN AND CLEANOUTS ARE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
- TUB ACCESS PROVIDED UNDER HOME, UNLESS OTHERWISE NOTED.
- SHOWER STALLS SHALL BE COVERED WITH NON-ABSORBENT MATERIAL TO A HEIGHT OF 72 INCHES ABOVE FINISH FLOOR.
- SHOWERS SHALL BE CONTROLLED BY AN APPROVED MIXING VALVE WITH A MAXIMUM WATER OUTLET TEMPERATURE OF 120° F. (48.8° C)
- THERMAL EXPANSION DEVICE, IF REQUIRED BY WATER HEATER MANUFACTURER SHALL BE SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL APPROVAL.
- 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 MANUFACTURERS SPECIFICATIONS.
- THIS UNIT MUST BE CONNECTED TO PUBLIC WATER SUPPLY AND SEWER SYSTEM IF THESE ARE AVAILABLE.



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APPROVED APR 21 2010

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LISTING THIS IS A LISTING OF THE FLORIDA MANUFACTURED HOME CODE AND DOES NOT MEET THE LIVING CRITERIA.	
COUNT TYPE	VB
OCCUPANCY	R-3
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY (150 I.S. SEC.)	130
FIRE RATING OF EXTERIOR WALLS	0
ALLOWED 15000 (LTD)	2425-0017F
APPROVAL DATE	4-22-10
MANUFACTURER	HOME SOUTHERN
HIGH VELOCITY	NO
APPROVAL CODE	NO
Third Party: Hilborn, Werner, Carter and Associates (HWC) 1627 South Myrtle Ave. Clearwater, Florida 33756	

GENERAL NOTES

MODEL:

C555

4 BEDROOM, 3 BATH

DATE: 04-14-10

SCALE:

DRAWN BY: STAFF

REVISED:


REVISIONS

SHEET NO:

GE-101

PAGE: 2425-0017F


ELECTRICAL SCHEDULE					PANEL SIZING	
BRKR.	NO.	NOMENCLATURE	VOLTS	WIRE CU. NM	DESCRIPTION	KVA
20	1	PORTABLE APPLIANCE	120	12/2 GFCI	FLOOR AREA <u>2,204</u> SF X 3 VA ÷ 1000 =	6.61
20	2	PORTABLE APPLIANCE	120	12/2 GFCI	3 SMALL APPLIANCES AT 1500 VA. ÷ 1000 =	4.5
20	3	GFCI RECEPTACLES	120	12/2 GFCI	BUILT-IN OVEN AT 3.6 KW. SINGLE =	
15	4	GENERAL LIGHTING	120	14/2 AFCI	BUILT-IN OVEN AT 8.8 KW. DOUBLE =	8.8
15	5	GENERAL LIGHTING	120	14/2 AFCI	COUNTER MOUNTED COOK TOP AT 7.4 KW =	7.4
15	6	GENERAL LIGHTING	120	14/2 AFCI	RANGE AT 8.0 KW. =	
15	7	GENERAL LIGHTING	120	14/2 AFCI	WATER HEATER AT 5.5 KW =	5.5
15	8	GENERAL LIGHTING	120	14/2 AFCI	OPT. DISHWASHER AT 1.4 KW. =	1.4
15	9	GENERAL LIGHTING	120	14/2 AFCI	WASHER AT 1500 VA./1000 =	1.5
20	10	EXT. GFI RECEPT	120	12/2 GFCI	DRYER AT 5.0 KW. =	5.0
30 (2P)	11	WATER HEATER	240	10/2	OPT. FREEZER AT 1.9 KW. =	
20	12	WASHER	120	12/2	OPT. GARBAGE DISPOSAL AT 1.9 KW. =	1.9
30 (2P)	13	DRYER	240	10/3	OPT. WHIRLPOOL TUB AT 1.2 KW. =	1.2
20	14	DISHWASHER	120	12/2	OPT. MICROWAVE AT 1.5 KW. =	1.5
40 (2P)	15	RANGE	240	8/3	OPT. UTILITY RECEPT AT 1.5 KW. =	1.5
15	16	GAS COOK TOP	120	14/2 FOR IGNITERS		
20 (2P)	17	BUILT-IN OVEN (SINGLE)	240	12/3		
40 (2P)	17	BUILT-IN OVEN (DOUBLE)	240	8/3		
20	18	GARBAGE DISPOSAL	120	12/2		
	19	HVAC COMPRESSOR	SIZED PER MFR. SPECS.		TOTAL LOAD	46.81
	20	HVAC BLOWER	SIZED PER MFR. SPECS.		FIRST 10 KVA AT 100%	10.0
15	21	SMOKE DETECTOR	120	14/3 AFCI	REMAINDER AT 40%	14.72
20	22	WHIRLPOOL TUB	120	12/2 GFI	HVAC AT 100%	15.8
20	23	DINING ROOM	120	12/2 AFCI		
20	24	MICROWAVE	120	12/2	TOTAL	40.52
15	25	GENERAL LIGHTING	120	14/2 AFCI	TOTAL X 1000 240	168.85
15	26	GENERAL LIGHTING	120	14/2 AFCI	INSTALL 200 AMP PANEL	
20	27	UTILITY ROOM	120	12/2 AFCI	WITH 200 AMP MAIN BREAKER	
15	28	GENERAL LIGHTING	120	14/2 AFCI		



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LISTING
AGENCY APPROVAL
THIS DRAWING HAS BEEN REVIEWED BY THE
LOCAL AND STATE ELECTRICAL CODE
OFFICIALS AND FOUND TO BE IN
COMPLIANCE WITH THE
LATEST EDITION OF THE
NATIONAL ELECTRICAL CODE

CONC. TYPE: VB
OCCUPANCY: R-3
ALLOWABLE NO. OF FLOORS: 1
WIND VELOCITY: 130 (3 SEC.)
FIRE RATING OF EX. WALL: 0
PLUMBING: 2425-0017F
ELECTRICAL: 2425-0017F
APPROVAL DATE: 4-22-10
HOMESIDE ELEMENT
HOMESIDE ZONE: NO

Third Party:
Hilborn, Werner, Carter
and Associates (HWC)
1627 South Myrtle Ave.
Clearwater, Florida 33756

TITLE:
ELECTRIC PANEL

MODEL:
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4 BEDROOM, 3 BATH

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SHEET NO.:
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LISTING THIS FLOOR PLAN COMPLY WITH THE FLORIDA BUILDING CODE AND THE LOCAL ORDINANCES AND REGULATIONS GOVERNING THE CONSTRUCTION AND OCCUPANCY OF THE BUILDING.	AGENCY APPROVAL COMET TYPE: VB ALLOTTABLE NO.: R-3 WIND VELOCITY: 130 (3 SEC.) PRELIMINARY: 0 PLANNING NO.: 2225-0017F APPROVAL DATE: 4/22/10 MANUFACTURER: HOMESOURCE HOMESOURCE ZONE: NO
Third Party: Hilborn, Werner, Carter and Associates (HWC) 1627 South Myrtle Ave. Clearwater, Florida 33756	

TITLE: FLOOR PLAN

MODEL: C555

4 BEDROOM, 3 BATH

DATE: 04-14-10

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

DRAWN BY: STAFF

REVISIONS:

REVISIONS:

REVISIONS:

REVISIONS:

REVISIONS:

REVISIONS:

REVISIONS:

REVISIONS:

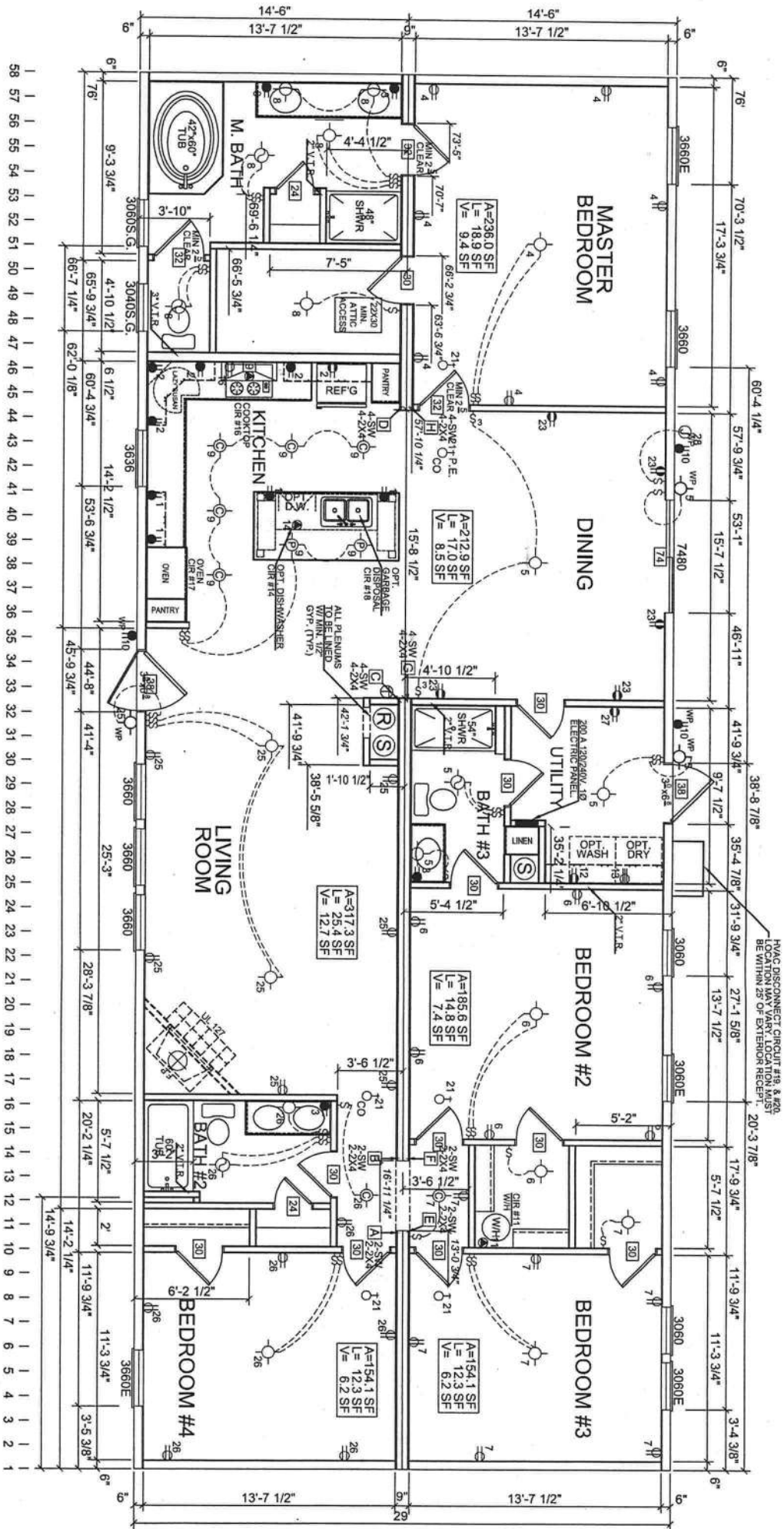
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ELECTRICAL LEGEND

GENERAL LIGHTING RECEPTACLE	240 VOLT	CEILING VENT FAN
120 VOLT - 15 AMP	WITH LIGHT	
G.F.I. PROTECTED RECEPTACLE	120 VOLT - 15 AMP	FLUORESCENT LIGHT
SMALL APPLIANCE RECEPTACLE	120 VOLT - 20 AMP	SPECIAL PURPOSE CONNECTION
120 VOLT - 20 AMP	120 VOLT - 20 AMP	HEAT TAP RECEPTACLE
G.F.I. PROTECTED RECEPTACLE	120 VOLT - 20 AMP	
JUNCTION BOX	120 VOLT - 20 AMP	
WHOLE HOUSE VENT FAN	120 VOLT - 20 AMP	

NOTE: - POWER RANGE HOOD STANDARD
- ALL EXTERIOR RECEPTS AND LIGHTS ARE WEATHER PROOF
- CIRCUIT NUMBERS MAY VARY AND NOT ALL CIRCUITS ARE IN USE
- CIRCUITS 1, 2 & 23 ARE SMALL APPLIANCE CIRCUITS.

INTERIOR FINISH MATERIAL

CEILING - 1/2" MINIMUM GYPSUM BOARD INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
WALL - 3/8" MIN. GYPSUM BOARD INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
FLOOR - BLOCK TILE OR LINOLEUM MAY BE USED IN WET AREAS. CARPET, BLOCK TILE, OR LINOLEUM MAY BE INSTALLED IN ALL OTHER AREAS.

NOTE: 1. ALL COLUMN STUDS TO BE #3 SPF AND SHALL BE GLUED & NAILED TOGETHER.

2. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.

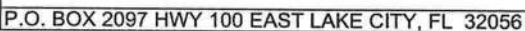
3. INSTALL SW STRAP ON EACH STUD OF EACH COLUMN. 1-S20 STRAP MAY REPLACE SW STRAP AT FLOOR.

4. MARRIAGE WALL STRAPPING REQ'D. 16" O.C. RIDGE BEAM

MATERIAL: LUMBER
SIZE: 2"x6" SYP#2
FOR: SPANS A TO B, E TO F
MATERIAL: MICROLAM
SIZE: 1 1/2" X 14" WITH BEARING STIFFENERS
FOR SPANS: C TO D, G TO H

PAGE: 2425-0017F

AP-101



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PROPRIETARY AND CONFIDENTIAL

TITLE:
PERIMETER
FOUNDATION

4 BEDROOM, 3 BATH

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

DRAWN BY: STAFF

REVISÉ:

REVISIONS

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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SHEET NO:

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P.O. BOX 2097 HWY 100 EAST LAKE CITY, FL 32056

ROBERT E. GREGG
REGISTERED ARCHITECT
630 CHESTNUT ST.
CLEARWATER, FL 33756
PHONE: (727) 796-9774
FAX: (727) 791-6942

APPROVED APR 21 2010

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CONSTR. TYPE	VB
OCCUPANCY	R-3
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY (3 SEC.)	130 (3 SEC.)
FIRE RATING OF EXTERIOR WALLS	0
PLUMB. DATE	2/25/2017
APPROVAL DATE	4/22/10
MANUFACTURER	HOMESDEVELOPMENT
HIGH VELOCITY HOMEZONE ZONE	NO
Third Party: Hilborn, Werner, Carter and Associates (HWC) 1627 South Myrtle Ave. Clearwater, Florida 33756	

FLOOR PLAN

MODEL:

C555

4 BEDROOM, 3 BATH

DATE: 04-14-10

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

DRAWN BY: STAFF

REVISED:

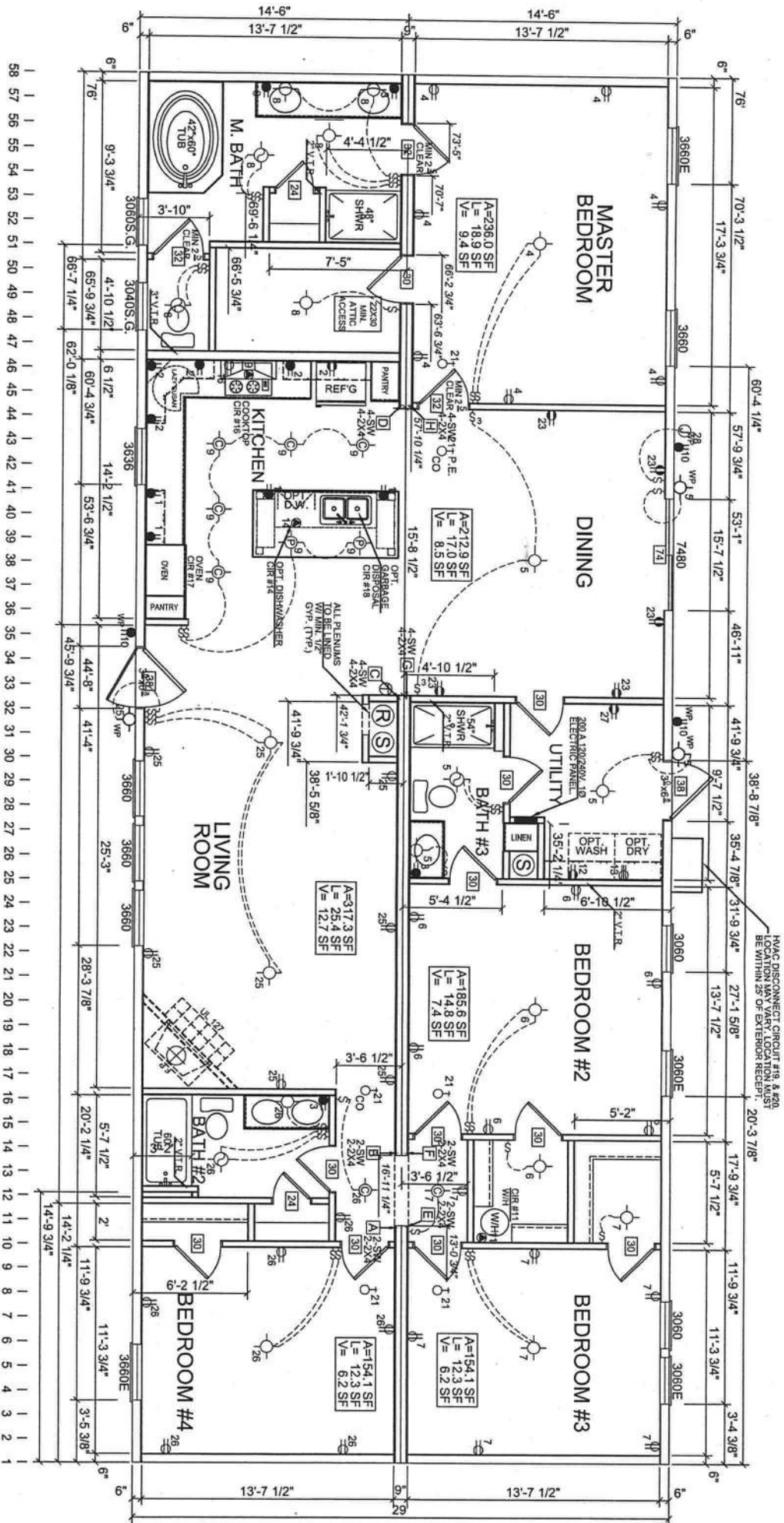
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SHEET NO:

AP-101

PAGE:

2425-0017F



ELECTRICAL LEGEND

GENERAL LIGHTING RECEPTACLE	240 VOLT	CEILING VENT FAN	CEILING VENT FAN
G.F.I. PROTECTED RECEPTACLE	120 VOLT - 15 AMP	THERMOSTAT	FLUORESCENT LIGHT
SMALL APPLIANCE RECEPTACLE	120 VOLT - 15 AMP	SMOKE ALARM	WALL LIGHT
G.F.I. PROTECTED RECEPTACLE	120 VOLT - 20 AMP	MAIN PANEL	SPECIAL PURPOSE CONNECTION
JUNCTION BOX	COMBINATION CARBON MONOXIDE/SMOKE ALARM	PE DENOTES PHOTO-ELECTRIC	HEAT TAPE RECEPTACLE
WHOLE HOUSE VENT FAN	CAN LIGHT	FLUSH WITH CEILING AND ENCLOSED WITHIN 3'-0" OF TUBS AND SHOWERS	

NOTE: - POWER RANGE HOOD STANDARD.

- ALL EXTERIOR RECEPTS AND LIGHTS ARE WEATHER PROOF
- CIRCUIT NUMBERS MAY VARY AND NOT ALL CIRCUITS ARE IN USE
- CIRCUITS 1, 2 & 23 ARE SMALL APPLIANCE CIRCUITS.

NOTE:

1. ALL COLUMN STUDS TO BE #3 SPF AND SHALL BE GLUED & NAILED TOGETHER.
2. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.
3. INSTALL SW STRAP ON EACH STUD OF EACH COLUMN. 1-S20 STRAP MAY REPLACE SW STRAP AT FLOOR.
4. MARRIAGE WALL STRAPPING REQD. 16" O.C.

INTERIOR FINISH MATERIAL

- CEILING - 1/2" MINIMUM GYPSUM BOARD INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- WALL - 3/8" MIN. GYPSUM BOARD INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- FLOOR - BLOCK TILE OR LINOLEUM MAY BE USED IN WET AREAS. CARPET, BLOCK TILE, OR LINOLEUM MAY BE INSTALLED IN ALL OTHER AREAS.



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Third Party:
Hilborn, Werner, Carter
and Associates (HWC)
1627 South Myrtle Ave.
Clearwater, Florida 33756

MODEL:

4 BEDROOM, 3 BATH

DATE: 04-14-10

DRAWN BY: STAFF

REVISSED:

100

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SHEET NO:

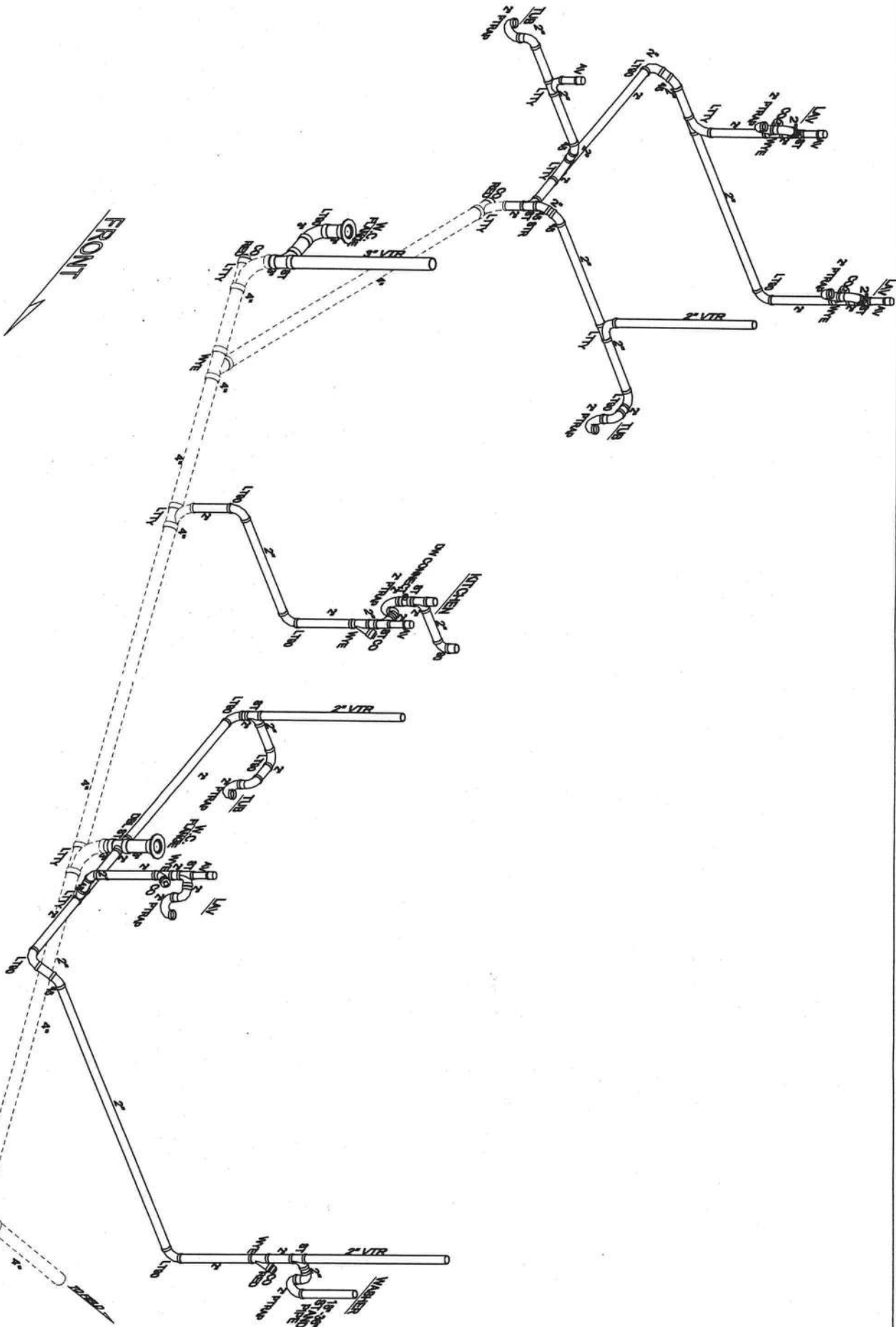
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PAGE: 2425-0017-



CROSSOVER DUCTS ARE LOCATED IN THE ROOF. THE CROSSOVER SHOULD BE MADE BEFORE BOTH HALVES ARE SLID TOGETHER.

IF THIS BUILDING IS LOCATED IN A JURISDICTION THAT HAS ADOPTED THE ORDINANCE FOR RADON-RESISTANT CONSTRUCTION, RULE -9B-52, FLORIDA STATUTE 553.98, RETURN DUCTS AND PLENUMS SHALL NOT BE LOCATED IN THE CRAWL SPACES



DWV PLUMBING PLAN

NOTES:
-ALL PIPE SIZES ARE 1 1/2" UNLESS OTHERWISE SPECIFIED

CHAMPION

P.O. BOX 2097 HWY 100 EAST LAKE CITY, FL 32056

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[Signature]
APPROVED APR 21 2010

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CONSTR. TYPE	VB
OCCUPANCY	R-3
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY (30 SEC.)	130 (3 SEC.)
WIND VELOCITY (10 MIN.)	0
PLANNING	2425-0017F
MANUFACTURER	40
APPROVAL DATE	4/22/10
MANUFACTURER	HOME/SCHEMATIC
MANUFACTURER	NO
MANUFACTURER	NO

Third Party:
Hilborn, Werner, Carter
and Associates (HWC)
1627 South Myrtle Ave.
Clearwater, Florida 33756

TITLE:
PLUMBING
PLAN

MODEL:
C555
4 BEDROOM, 3 BATH

DATE: 04-14-10
SCALE: NOT TO SCALE
DRAWN BY: STAFF
REVISED:

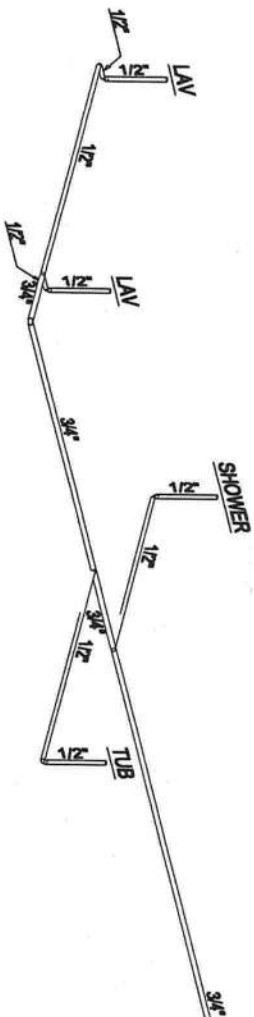
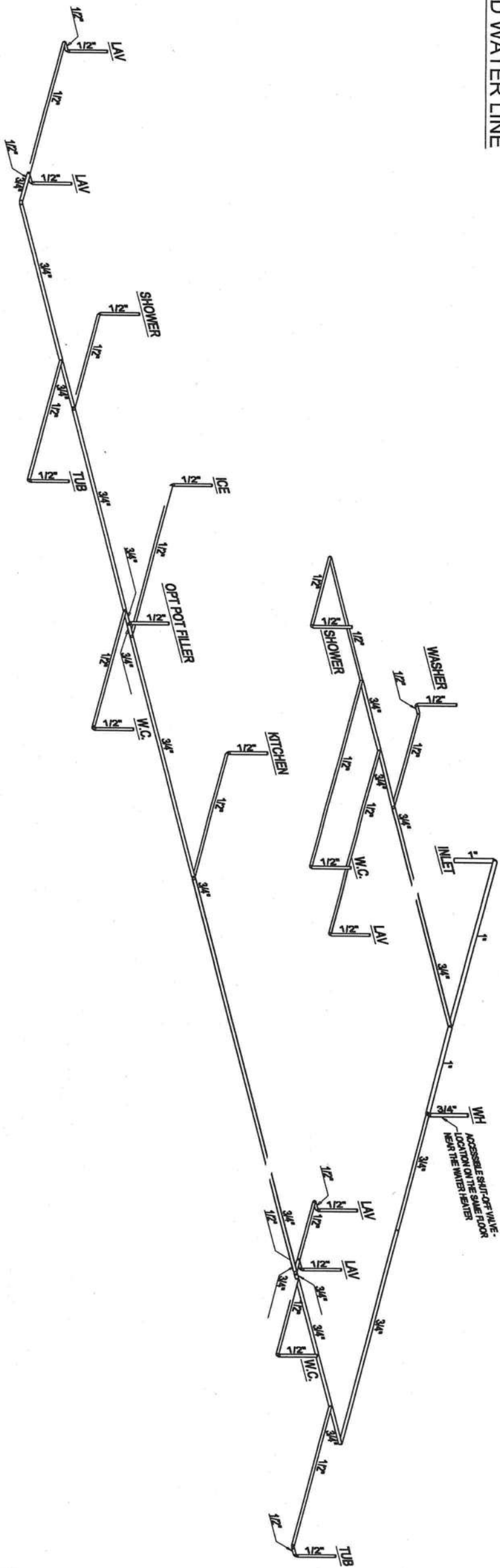
REVISIONS

SHEET NO:

PP-101

PAGE: 2425-0017F

COLD WATER LINE



HOT WATER LINE
WATER SUPPLY PLAN

NOTES:
-ALL PIPE SIZES ARE 1/2" UNLESS OTHERWISE SPECIFIED



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APPROVED APR 2-1-2010

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CONSTR. TYPE	VB
OCCUPANCY	R-3
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY (150 I.B. SEC.)	130
FIRE RATING OF PLUMBING	0
ALLOW. FLOOR LOAD	2425-4017F
APPROVAL DATE	4-1-2010
MANUFACTURER	HOMESOURCE
IDENTIFICATION CODE	NO
Third Party: Hilborn, Werner, Carter and Associates (HWC) 1627 South Myrtle Ave. Clearwater, Florida 33756	

TITLE:
WATER LINE
PLAN

MODEL:
C555
4 BEDROOM, 3 BATH

DATE: 04-14-10

SCALE: NOT TO SCALE

DRAWN BY: STAFF

REVISED:

REVISIONS

SHEET NO:

WP-101

PAGE: 2425-0017F



CHAMPION HOME BUILDERS, INC.

P.O. BOX 2097
(1915 SE STATE ROAD 100)
LAKE CITY, FL 32056

FLORIDA TYPICAL

COVER PAGE

130 mph Exp. C

143 mph Exp. B

THESE PLANS (TYPICAL DETAILS) INCLUDE DESIGN FOR PORTIONS OF THE FACTORY BUILT MODULAR STRUCTURE AND SITE BUILT CONSTRUCTION. THESE PLANS AND DESIGN PLANS FOR ALL OTHER ELEMENTS DESIGNED BY OTHERS AND/OR SITE INSTALLED MUST BE SUBMITTED TO AND REVIEWED BY THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (DESIGNER OF RECORD) FOR COMPATIBILITY WITH THE DESIGN OF THE OVERALL BUILDING PROJECT AS REQUIRED BY THE APPLICABLE CODES AND LAWS.

ACTUAL CONSTRUCTION METHOD AND PRODUCTS MAY VARY FROM DETAILS CONTAINED IN THIS DOCUMENT PROVIDED THE METHOD OF CONSTRUCTION AND PRODUCTS ARE ADDRESSED IN THE MASTER CONSTRUCTION MANUAL LOCATED AT THE MANUFACTURING FACILITY.

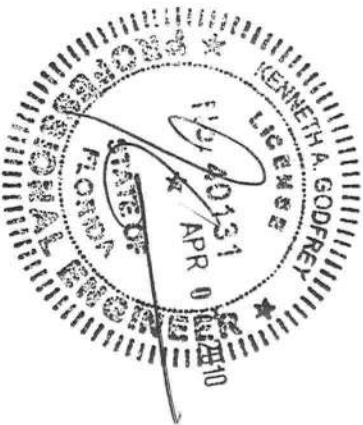
NOTE:
COMPLETION OF THIS BUILDING TO BE IN COMPLIANCE WITH ALL STATE AND LOCAL DESIGN CODES. ALL WORK TO BE COMPLETED BY A LICENSED CONTRACTOR AND INSPECTED BY A LOCAL BUILDING OFFICIAL.

NOTE:
"STRUCTURE HAS BEEN DESIGNED FOR INSTALLATION ON SITE - BUILT PERMANENT FOUNDATION AND IS NOT INTENDED TO BE MOVED, ONCE SO INSTALLED."

PAGE 1.	COVER PAGE
PAGE 2.	GENERAL NOTES
PAGE 3.	HOME WITH STEEL FRAME (COVER PAGE)
PAGE 4.	ON FRAME CROSS SECTION
PAGE 5.	FOUNDATION DETAILS
PAGE 6.	HOME WITHOUT STEEL FRAME (COVER PAGE)
PAGE 7.	OFF FRAME CROSS SECTION
PAGE 8.	FOUNDATION DETAILS
PAGE 8A.	POURED FOUNDATION WALLS
PAGE 9.	ENDWALL CROSS SECTION
PAGE 10.	TYPICAL POTABLE WATER SUPPLY LINES

CODE SUMMARY:

STATE	RESIDENTIAL	ELECTRICAL	MECHANICAL	PLUMBING	ENERGY	FIRE PREVENTION	LIFE SAFETY	FUEL	ACCESSIBILITY
FLORIDA	2007 FLORIDA RESIDENTIAL BUILDING CODE WITH 2009 SUPPLEMENTS	2008 NATIONAL ELECTRICAL CODE WITH 2009 SUPPLEMENTS	2007 FLORIDA RESIDENTIAL BUILDING CODE WITH 2009 SUPPLEMENTS	2007 FLORIDA RESIDENTIAL BUILDING CODE WITH 2009 SUPPLEMENTS	2007 FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION WITH 2009 SUPPLEMENTS	2007 FLORIDA FIRE PREVENTION	2006 NFPA 101 LIFE SAFETY CODE	2007 FLORIDA RESIDENTIAL BUILDING CODE WITH 2009 SUPPLEMENTS	2007 FBC CHAP 11 WITH 2009 SUPPLEMENTS



THIRD PARTY

HILBORN, WERNER, CARTER & ASSOCIATES
1627 SOUTH MYRTLE AVE.
CLEARWATER, FL 33756

KENNETH A. GODFREY, P.E.
490 RUSTIC BARN TRAIL
MORGANTON, GA. 30560
FL PE#40131
KAG# 032810CHB

Date: 04-05-10	Revisions	Cad#: FL-TYP1-06
Dr'n KAG		
Scale: N.T.S.		
Code: D (07)		
FLORIDA	DCA: DCA TYPICAL PACKAGE	Print: PAGE 1 COVER PAGE



P.O. BOX 2097 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056

GENERAL NOTES: 2007 FBC-R WITH 2009 SUPPLEMENTS

1. ALL GLAZING WITHIN 24 INCH ARC OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR, AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED OR ACRYLIC PLASTIC SHEET.
2. FLOOR DESIGN LIVE LOAD - 40 PSF. ROOF LIVE LOAD - 20 PSF. ATTIC LIVE LOAD - 10 PSF.
3. MAXIMUM WIND SPEED - 130 MPH. (EXPOSURE C) MEAN ROOF HEIGHT SHALL NOT EXCEED 20 FEET. BUILDING IS NOT DESIGNED TO BE LOCATED WITHIN A DISTANCE OF 600 FT. OF INLAND BODIES OF WATER THAT PRESENT A FETCH OF 1 MILE OR MORE OR INLAND WATER WAYS OR RIVERS WITH A WIDTH OF 1 MILE OR MORE OR ON THE SEAWARD SIDE OF A COASTAL CONSTRUCTION ZONE.
4. OCCUPANCY IS RESIDENTIAL. (R-3) SINGLE STORY NOT EXCEEDING 76 FEET IN LENGTH.
5. OCCUPANT LOAD IS BASED ON 1 PERSON PER 200 SQUARE FEET OF FLOOR AREA.
6. CONSTRUCTION IS TYPE VB, UNPROTECTED.
7. MINIMUM CORRIDOR WIDTH IS 36 INCHES.
8. WINDOWS, GLASS, DOORS, SHALL COMPLY WITH AAMA / NWDA 101 / I.S.2.
9. ALL MATERIALS USE IN THIS CONSTRUCTION OF THE BUILDING WHICH REQUIRE FLORIDA PRODUCT APPROVAL SHALL COMPLY WITH F.S. 553.8425 AND/OR RULE 9B-72.
10. ALL CONSTRUCTION, MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE CODES SPECIFIED ON THE DRAWINGS.
11. ATTIC AND CRAWL SPACE VENTILATION SHALL BE PROVIDED IN ACCORDANCE WITH ALL APPLICABLE CODE SECTIONS.
12. DATA PLATE AND STATE INSIGNIAS ARE LOCATED IN OR ON THE PANEL BOX OF THE HOME.
13. ALL STEEL STRAPPING MUST BE TESTED AND/OR CERTIFIED TO VERIFY THE STRUCTURAL CAPACITY. DOCUMENTATION MUST BE ON FILE AT THE MODULAR BUILDING FACTORY.

SITE INSTALLED ITEMS:

NOTE: THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL.

1. THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.
2. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
3. PORTABLE FIRE EXTINGUISHER(S).
4. BUILDING DRAINS, CLEANOUTS, AND HOOK-UP TO PLUMBING SYSTEM.
5. ELECTRICAL SERVICE HOOK-UP (INCLUDING FEEDERS) TO THE BUILDING.
6. THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS (MULTI-UNITS ONLY).
7. CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATING LINE(S) - (MULTI-UNITS ONLY).
8. STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
9. DORMERS, AND ANY OTHER AESTHETIC CONNECTIONS.
10. FOUNDATION SILL PLATE ANCHORAGE.
11. FLOOR INSULATION MAY BE SITE INSTALLED.
12. POTABLE WATER SERVICE, MAIN SHUT OFF VALVE.
13. OPENING PROTECTION IN WIND DEBRIS REGIONS I.E. WINDOWS, DOORS, SHUTTERS.
14. PLAN REVIEW AND INSPECTION REQUIRED BY CHAPTER 633 F.S., TO BE HANDLED BY LOCAL FIRE SAFETY INSPECTOR.
15. ROOFING MATERIAL, METAL ROOF, EAVE DRIP.
16. GABLE ENDWALL FRAMING.
17. A/C UNIT
18. GAS LINES WILL BE STUBBED OUT. CONNECTIONS AND INSTALLATION TO BE DONE BY OTHERS ON SITE.
19. A.A.V. (AIR ADMITTANCE VALVE TEST) AFTER DWV TEST

MECHANICAL NOTES: 2007 FBC-R WITH 2009 SUPPLEMENTS

1. ALL SUPPLY AIR REGISTERS ARE ADJUSTABLE. EXCEPT WHERE OTHERWISE SPECIFIED.
2. INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN AND/OR AS NOTED ON FLOOR PLAN. PRESSURE DIFFERENTIAL ACROSS CLOSED DOORS SHALL BE LIMITED TO .01 INCH WC (2.5 PASCALS) OR LESS.
3. RESTROOM VENT FANS SHALL PROVIDE 50 CFM MINIMUM OF VENTILATION.
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 TO PROVIDE 20 CFM PER PERSON.
6. IF THIS BUILDING IS LOCATED IN A JURISDICTION THAT HAS ADOPTED THE ORDINANCE FOR RADON-RESISTANT CONSTRUCTION, RULE -9B-52, FLORIDA STATUTE 553.98, RETURN DUCTS AND PLENUMS SHALL NOT BE LOCATED IN THE CRAWL SPACES.

RIDGE BEAM CONSTRUCTION NOTES

1. LVL Fb = 2800 PSI, MOE = 2,000,000 PSI., MICROLAM 2.0 SP OR BETTER.
2. LVL OR OTHER SIMILAR MATERIAL MUST BE CONTINUOUS OVER CLEARSPAN(S).
3. BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
4. INSTALL (2x4) 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 8-15 ga x 2 1/2" STAPLES.
5. FASTEN ROOF SHEATHING INTO TOP EDGE OF BEAM TO PROVIDE CONTINUOUS LATERAL SUPPORT OF BEAM.

ELECTRICAL NOTES: 2008 NEC

1. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
2. 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(a).
3. 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 SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
4. 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.
5. 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.
6. THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
7. ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES, OR CABLE CONNECTORS.
8. ALL OUTLETS LOCATED WITHIN 6 FEET OF A SINK OR BASIN SHALL BE EQUIPPED WITH GFCI PROTECTION.
9. SMOKE DETECTORS SHALL BE WIRED SO THAT THE OPERATION OF ANY ONE SMOKE DETECTOR WILL CAUSE SIMULTANEOUS ACTIVATION OF ALL OTHERS (IN ANY ONE DWELLING UNIT).
10. PROVIDE COMBINATION SMOKE/CARBON MONOXIDE DETECTORS WHEN ANY FOSSIL FUEL APPLIANCES, FIRE PLACES OR ATTACHED GARAGE ARE PROVIDED.
11. ALL RECEPTACLES INSTALLED IN WET LOCATIONS (EXTERIOR) SHALL BE IN WEATHER PROOF (WP) ENCLOSURES. THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED.
12. ALL 15 AND 20 AMP OUTLETS (RECEPTACLES, LIGHTS, SMOKE DETECTORS, ETC.) INSTALLED IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY COMBINATION-TYPE ARC-FAULT CIRCUIT INTERRUPTERS (AFCI).
13. ALL 120-VOLT 15 AND 20 AMP RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT TYPE.

PLUMBING NOTES: 2007 FBC-R WITH 2009 SUPPLEMENTS

1. ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUT-OFF VALVES.
2. 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.
3. 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.
4. DWV SYSTEM SHALL BE EITHER ABS OR PVC - DWV.
5. WATER SUPPLY LINES SHALL BE PEX, CPVC, OR COPPER. WHEN PEX SUPPLY LINES ARE INSTALLED THE MAXIMUM WATER HEATER TEMPERATURE SETTING IS 180° F. THE PEX PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LIMITATIONS AND INSTRUCTIONS.
6. BUILDING DRAIN AND CLEANOUTS ARE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
7. TUB ACCESS PROVIDED UNDER HOME. UNLESS OTHERWISE NOTED.
8. SHOWER STALLS SHALL BE COVERED WITH NON-ABSORBENT MATERIAL TO A HEIGHT OF 72 INCHES ABOVE FINISH FLOOR.
9. SHOWERS SHALL BE CONTROLLED BY AN APPROVED MIXING VALVE WITH A MAXIMUM WATER OUTLET TEMPERATURE OF 120° F. (48.8° C)
10. THERMAL EXPANSION DEVICE, IF REQUIRED BY WATER HEATER MANUFACTURER SHALL BE SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL APPROVAL.
11. 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 MANUFACTURERS SPECIFICATIONS.
12. THIS UNIT MUST BE CONNECTED TO PUBLIC WATER SUPPLY AND SEWER SYSTEM IF THESE ARE AVAILABLE.

FOUNDATION:

FOUNDATION IS DESIGNED BY OTHERS. DETAILS CONTAINED IN THESE TYPICAL DRAWINGS ARE SUPPLEMENTAL AND MUST BE EVALUATED BY FOUNDATION DESIGNER FOR COMPATIBILITY WITH THE FOUNDATION DESIGN.

THIRD PARTY

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CLEARWATER, FL 33756

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MORGANTON, GA. 30560
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KAG #032810CHB

APR 07 2010



CHAMPION

P.O. BOX 2097 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056

Revisions		Cad#: FL-TYP2-06
Dr'n KAG		
Scale: N.T.S.		
Code: D (07)		
FLORIDA	DCA: DCA TYPICAL PACKAGE	Print: PAGE 2 GENERAL NOTES



CHAMPION HOME BUILDERS, INC.
P.O. BOX 2097
(1915 SE STATE ROAD 100)
LAKE CITY, FL 32056

FLORIDA
HOME WITH STEEL FRAME

NOTES:

1. THE STEEL FRAME LOCATED UNDER THIS HOME IS FOR PERMANENT SET-UP AND NOT INTENDED FOR RELOCATING THE HOME AFTER INITIAL SET-UP.
2. ALL FOUNDATION CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
3. TIE-DOWN STRAPS TO BE 1-1/4" X .035" TYPE-1, FINISH B, GRADE 1 ZINC COATED STEEL STRAPPING CONFORMING WITH ASTM D3953-91. TIE-DOWN STRAPS AND CONNECTING HARDWARE SHALL HAVE 3150# MINIMUM WORKING CAPACITY.
4. GROUND ANCHORS SHALL HAVE 3150# MINIMUM WORKING, CAPACITY, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, DESIGN OF GROUND ANCHOR, INCLUDING SHAFT LENGTH, NUMBER AND, DIAMETER OF HELICES, ETC., TO BE AS SPECIFIED BY THE GROUND ANCHOR MANUFACTURER FOR THE ACTUAL SOIL TYPE ENCOUNTERED. IF THE HOLDING OR PULLOUT CAPACITIES OF GROUND ANCHORS ARE BELOW THE VALUES SPECIFIED ABOVE A ARCHITECT/ENGINEER MUST BE CONSULTED FOR AN ALTERNATE ANCHORAGE DESIGN.
5. I-BEAM SUPPORT PIERS MAY BE INSTALLED Laterally (90° FROM THE ORIENTATION SHOWN ON THE FOUNDATION PLAN). PIERS MUST BE LOCATED DIRECTLY BELOW THE I-BEAM CENTERLINE.
6. INSTALL BLOCK PIER ON EACH SIDE OF ALL EXTERIOR DOOR OPENINGS. (MANUFACTURER'S RECOMMENDATION ONLY - OPTIONAL WHEN NOT SHOWN) SLIGHT ADJUSTMENT MAY BE REQUIRED TO INSURE OPERABILITY AFTER INSTALLATION OF BUILDING IS COMPLETE.
7. THE FIRST TIE-DOWN STRAP FROM ENDWALL SHALL NOT EXCEED 1/2 THE MAXIMUM SPACING INDICATED.
8. ALL PIERS SHALL BE CONSTRUCTED OF STANDARD WEIGHT 8"x8"x16" CONCRETE MASONRY UNITS CONFORMING TO ASTM C90 HAVING A COMPRESSIVE STRENGTH $f_m=2000$ PSI. (MIN.). MASONRY UNITS SHALL BE LAID IN TYPE M OR S MORTAR. PIER FOOTINGS SHALL BE DESCRIBED AS ABOVE.
9. ALL PIERS SHALL BE CAPPED WITH 4" SOLID CONCRETE CAP OR TOP COURSE OF MASONRY SHALL BE FILLED WITH CONCRETE; AND 2X8 SYP PRESSURE TREATED SILL PLATE FULL LENGTH OF PIER.
10. CONTINUOUS STRIP FOOTING FULL LENGTH OF HOUSE MAY BE USED IN LIEU OF INDIVIDUAL 16"x16"x8" FOOTINGS FOR I-BEAM PIERS. SEE DETAIL A-1 TO RIGHT OF PAGE.
11. ALL CONCRETE SHALL BE STANDARD WEIGHT (150 PCF.) WITH A MIN. COMPRESSIVE STRENGTH OF 3000 PSI. AT 28 DAYS.
12. THE AREA UNDER FOOTINGS AND FOUNDATION SHALL HAVE ALL VEGETATION, STUMPS, ROOTS AND FOREIGN MATERIAL REMOVED PRIOR TO THEIR CONSTRUCTION.
13. THE PERIMETER GRADE SHALL BE SLOPED AWAY FROM THE BUILDING TO PROVIDE POSITIVE DRAINAGE. THE GRADE OF THE GROUND UNDER THE BUILDING SHALL NOT BE LOWER THAN THE LOWEST SURROUNDING FINISH LOT AREA GRADE IN ORDER TO PREVENT THE ACCUMULATION AND STANDING OF WATER UNDER THE BUILDING.
14. TERMITE PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE APPLICABLE CODES WHEN REQUIRED BY SUCH CODES.
15. ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A615, GRADE 40. REINFORCEMENT BARS SHALL BE EQUALLY SPACED AND PLACED WITH 3" CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING. LAP SPLICES TO BE 72 BAR DIAMETERS. REINFORCEMENT BARS SHALL BE UNCOATED DEFORMED BARS (NO EPOXY).

THE FOLLOWING PRINTS ARE TO ONLY BE USED WHEN STEEL FRAME REMAINS ON HOME.

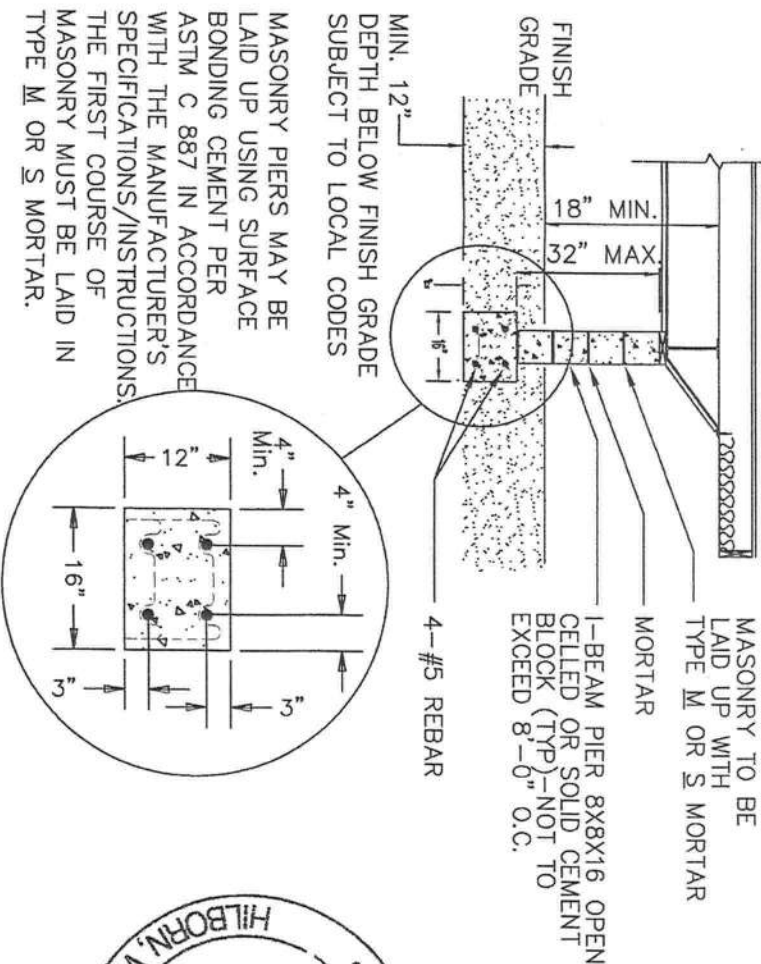
CROSS SECTION PAGE 4

BLOCK AND ANCHOR PAGE 5

FOUNDATION (SEE HOUSE PACKAGE FOUNDATION PAGE)

DETAIL A-1

OPTIONAL CONTINUOUS STRIP FOOTING



THIRD PARTY

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Date: 04-06-10	Revisions	Cad#: FL-TYP3-06
Dr'n KAG		
Scale: N.T.S.		
Code: D (07)		
FLORIDA	Model: DCA TYPICAL PACKAGE	Print: PAGE 3 HOME WITH STEEL FRAME



P.O. BOX 2097 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056

GENERAL CROSS SECTION NOTES

1. UNLESS OTHERWISE SPECIFIED, ALL STEEL I-BEAMS MUST COMPLY WITH ASTM A36, YIELD STRENGTH = 36 KSI
2. ALL LAG SCREWS MUST COMPLY WITH ANSI/ASTM B 18.2.1, F4-60 KSI MIN. ALL BOLTS MUST COMPLY WITH ASTM A307. ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED.
3. SEE HOUSE PACKAGE FOUNDATION PLAN FOR PIER, ORIENTATIONS AND SPECIFICATIONS.
4. SKY LITE OPTIONS, SEE FL ENERGY CLACS FOR MAX. ALLOWABLE.
5. ALL VAPOR RETARDERS (KRAFTBACK, ETC.) SHALL BE INSTALLED ON THE INTERIOR SIDE OF ASSEMBLY.

SEE H.V.A.C. PLAN FOR CEILING DUCT SPECIFICATIONS.

1/2" (WITH ALT. FLAT CEILING)

1/2"

1 1/2" RAFTER BEARING WEDGE

BAFFLE INSTALLED TO KEEP BLOWN INSULATION FROM BLOCKING VENT AREA.

2x6 MIN. FINISH FASCIA - SEE APPROVED PACKAGE FOR EDGE RAIL SPLICE REQUIREMENTS.

SOFFIT WITH VENT

FASTEN EACH TRUSS WITH SIMPSON H-10 HURRICANE STRAP W/8 0.131" x 1 1/2" NAILS PER STRAP END. (TYPICAL SIDEWALL) OR EQUIVALENT

19/32 STUDD-I-FLOOR 20 O.C. OR 19/32 O.S.B. EQUIVALENT.

BOTTOM PLATE 2x6 SPF #3 26ga. x 1 1/2" STEEL STRAP FROM WALL STUD TO FLOOR RIM JOIST AT OPENING STUDS AND 16" O/C W/7-15ga. x 1 1/8" STAPLES PER STRAP END. (TYP. SIDEWALLS & ENDWALLS)

RIM JOIST 2x8 SPF #2

OUTRIGGER 16'-0" o/c MAX. CROSSMEMBER 8'-0" o/c MAX. 1'-1/4" x 1 1/4" x 11ga. ANGLES WELDED TO BOTTOM BOTTOM OF I-BEAMS AND FAST. TO FLOOR JOISTS WITH 5/16" x 3" LAG SCREWS. (TYP.)

5/16"x3" LAG SCREWS WITH FLANGE CLIP AT EACH FLOOR JOIST (TYP.).

PIERS - TYP. I-BEAM PIER FOOTER, SEE FOUNDATION PLAN FOR DETAILS.

SEE "CHART-A" PAGE #5 FOR ANCHOR SPACING REQUIREMENTS

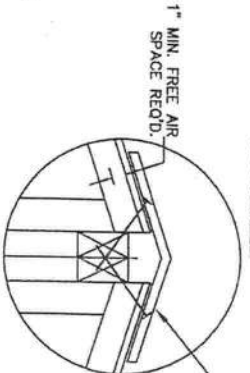
INTERIOR FINISH MATERIAL

CEILING - 1/2" INCH, HIGH STRENGTH, REINFORCED TYPE GYPSUM BOARD, APP. FOR WET FINISH APPLICATION, INSTALLED PER MANUFACTURER'S SPECS. (POP-CORN FINISH) OPT.

WALL - 3/8" INCH MINIMUM GYPSUM BOARD 3/8" INCH MINIMUM VINYL COVER GYPSUM BOARD IN BATHROOMS 3/8" MIN. GYPSUM W/24" o/c STUDS 1/2" MIN. GYPSUM ON WALLS OF CLOSETS CONTAINING AIR HANDLING UNITS.

FLOOR - BLOCK TILE OR LINOLEUM IN BATHROOMS AND OTHER WET AREAS. CARPET BLOCK TILE OR LINOLEUM IN ALL OTHER AREAS. FLOOR FINISH MAY BE FIELD INSTALLED

DETAIL B



INSTALL TRIMLINE RIDGE VENTS ALONG CENTER LINE OF RIDGE (PER MANUFACTURER'S INSTRUCTIONS) OR EQUIVALENT.

SITE INSTALL MIN. 3/8" x 6" LAG SCREWS STAGGERED FROM SIDE TO SIDE AT 24" O.C. OR 16" O.C. MAX. LAG SCREWS MUST PEN. 1 3/4" MIN. INTO ADJACENT MODULE TRUSS.

CONTINUOUS MIN. 2x3 SPF #3 RIDGE EACH HALF. SEE DETAIL B' ABOVE

FASTEN RIDGE BEAM TO EACH TRUSS PER STRUCTURAL PACKAGE

APPROVED RIDGE BEAM

CEILING TILE IS FASTENED INTO ENDWALL TOP PLATE WITH 15 GA. x 7/16" CROWN STAPLE WITH 1" PENETRATION 4" O.C.

CEILING TILE IS FASTENED INTO SIDEWALL TOP PLATE WITH 16 GA. x 1" CROWN STAPLES PER STRAP END PLUS STRAPS AT OPENINGS/COLUMNS PER FLOOR PLAN. (TYPICAL EACH MARRIAGE WALL)

2x6 GA. x 1-1/2" STEEL STRAP FROM TRUSS TO WALL STUD AND/OR FROM RIDGE BEAM TO WALL STUD AT 16" O.C. W/7-16 OR 15 GA. x 1 1/8" STAPLES PER STRAP END PLUS STRAPS AT OPENINGS/COLUMNS PER FLOOR PLAN. (TYPICAL EACH MARRIAGE WALL)

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TRUSS PACKAGE		
UNIVERSAL FOREST PRODUCTS	13'-4" WIDE MODULES	14'-6" WIDE MODULES
SEE HOUSE PACKAGE		
ATTIC VENTILATION		
SEE HOUSE PACKAGE		

FIRST 4 FEET FROM END WALLS SPACE TRUSSES AT 1/2' OF LISTED SPACING OR DESIGN TRUSSES FOR END ZONE CONDITION.

LISTED ENGINEERED TRUSSES AT 16" O.C. OR 24" O.C. PER DCA PACKAGE

LIVE LOAD 20 PSF TOP CHORD

DEAD LOAD 6 PSF TOP CHORD

LIVE LOAD 10 PSF BOTTOM CHORD

DEAD LOAD 5 PSF BOTTOM CHORD

ROOF INSULATION (BLOWN)

12 3 MIN. 6 MAX.

MIN. DBL. 2x4 #3 SPF TOP PLATE W/ SIMILAR BLOCKING AS SIDEWALL

26 GA. x 1-1/2" STEEL STRAP FROM TRUSS TO WALL STUD AND/OR FROM RIDGE BEAM TO WALL STUD AT 16" O.C. W/7-16 OR 15 GA. x 1 1/8" STAPLES PER STRAP END PLUS STRAPS AT OPENINGS/COLUMNS PER FLOOR PLAN. (TYPICAL EACH MARRIAGE WALL)

WALL INSULATION W/ KRAFTBACK

14'-6" MAX

26 GA. x 1-1/2" STEEL STRAP FROM TRUSS TO WALL STUD AT 16" O/C W/7-15 GA. x 1 1/8" STAPLES PER STRAP END PLUS STRAPS AT OPENINGS/COLUMNS PER FLOOR PLAN. (TYPICAL EACH MARRIAGE WALL)

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ROOF SHEATHING DETAIL

12" MAX. GABLE

16" MIN. STAGGER JOINTS 48" O.C. MIN.

7/16" ORIENTED STRAND BOARD, RATED SHEATHING EXP. 1-24/16 TO BE FASTENED TO TRUSSES WITH 15 GA 7/16" CROWN STAPLE X 2 1/2" LEG OR EQUIVALENT AT 4" O.C. ON EDGES AND 3" O.C. IN FIELD.

NOTE: FIELD FASTENERS MAY BE 6" O.C. IN AREAS NOT LOCATED WITHIN 3 FEET OF ENDWALLS OR AT OVERHANGS.

NOTE: SHEAR LOAD ON ROOF DIAPHRAGM AT END WALLS SHALL NOT EXCEED 151 PLF FOR THIS SHEATHING MATERIAL AND FASTENING.

ROOF COVERING OVER 7/16" OSB, RATED SHEATHING, MINIMUM EXP.-1 24/16 - SEE ROOF SHEATHING DETAIL.

FASTEN EACH TRUSS TO TOP PLATE WITH (3) #8x3" WOOD SCREWS

EXTERIOR WALL STRUCTURAL BRACING SIDEWALLS: BRACING INSTALLATION: STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM TOP OF SIDEWALL TOP PLATE TO LOWER EDGE OF FLOOR RIMFALL. ALL SHEATHING EDGES TO BE SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS THE EXTERIOR WALL FRAMING (MIN.).

EXTERIOR WALL STRUCTURAL BRACING ENDWALLS: BRACING INSTALLATION: STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM ROOF SHEATHING TO LOWER EDGE OF FLOOR RIMFALL. ALL SHEATHING EDGES TO BE SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS THE EXTERIOR WALL FRAMING (MIN.).

NOTE: SHEAR LOAD ON WALL SHEATHING SHALL NOT EXCEED 237 PLF FOR THIS SHEATHING MATERIAL AND FASTENING.

EXTERIOR MATERIAL: ALL EXTERIOR MATERIALS MUST MEET REQUIREMENTS OF SECTION R301, INCLUDING "LARGE MISSILE TEST"

FLOOR JOIST SPECIFICATIONS: 2x8 SPF#2 MIN. FLOOR JOIST AND RIMS FOR 13'-4" MODULES 2x8 SPF#2 MAY BE REPLACED BY 2x10 SPF#2 2x10 SPF#2 MIN. FLOOR JOIST AND RIMS FOR 14'-6" MODULES SPF#2 MAY BE REPLACED WITH SPF#2 ALL FLOOR JOIST ARE 16" O.C.

NOTE: FLOOR SYSTEM IS NOT DESIGNED TO CARRY CONCENTRATED LOADS FROM COLUMNS. SEE FOUNDATION PLAN FOR SUPPORT REQUIREMENTS AT WATE LINE AND SIDEWALL COLUMNS. (DESIGNED BY OTHERS)

DOUBLE TOP PLATE DETAIL: TRUSSES AT 24" O.C. MAX. DOUBLE TOP PLATE

SIMPSON H-10 HURRICANE STRAP W/8 0.131" x 1 1/2" NAILS PER STRAP END. (TYPICAL SIDEWALL) OR EQUIVALENT

WALL STUDS AT 16" O/C MIN.

INSTALL 26 GA GALV. STRAP STUD TO TOP PLATE, FASTEN W/7 15 GA. x 1 1/8" STAPLE EACH END ON EACH STUD.

THIRD PARTY

HILBORN, WERNER, CARTER & ASSOCIATES
1627 SOUTH MYRTLE AVE.
CLEARWATER, FL 33756

KENNETH A. GODFREY, P.E.
490 RUSTIC BARN TRAIL
MORGANTON, GA. 30560
FL PE#40131
KAG #032810CHB

Date: 04-06-10
Dr'n KAG
Scale: N.T.S.
Code: D (07)

Revisions

Cad#: FL-TYP4-06

FLORIDA

Model: DCA TYPICAL PACKAGE

Print: PAGE 4
ON FRAME CROSS SECTION

P.O. BOX 2097 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056

HOME WITHOUT STEEL FRAME

P.O. BOX 2097

(1915 SE STATE ROAD 100)

LAKE CITY, FL 32056

HOME WITHOUT STEEL FRAME

NOTES:

1. ALL FOUNDATION CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
 2. SOIL BEARING CAPACITY SHOWN ON THIS PAGE IS FOR 1,000 PSF (SECTION A-A) TO 2,000 PSF (STANDARD). AN ARCHITECT/ENGINEER MUST BE CONSULTED FOR ALTERNATE FOUNDATION DESIGNS. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY.
 3. MINIMUM CONCRETE FOOTING COMPRESSIVE STRENGTH 3,000 PSI AT 28 DAYS. ALL CONCRETE SHALL BE STANDARD WEIGHT (150 PCF.)
 4. ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A615, GRADE 40 (UNLESS OTHERWISE SPECIFIED). REINFORCEMENT BARS SHALL BE EQUALLY SPACED AND PLACED WITH 3" CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING. LAP SPLICES TO BE 72 BAR DIAMETERS. REINFORCEMENT BARS SHALL BE UNCOATED DEFORMED BARS (NO EPOXY).
 5. MASONRY UNITS SHALL COMPLY WITH ASTM C90, HAVING A COMPRESSIVE STRENGTH $f'_m=2000$ PSI. MIN.
 6. MORTAR SHALL BE TYPE M OR S.
 7. ALL EXPOSED HARDWARE AND HARDWARE INSTALLED INTO PRESSURE TREATED LUMBER SHALL BE GALVANIZED WITH 1.85 OZ/SF OF ZINC (G-185 COATING) OR SHALL BE STAINLESS STEEL.
 8. THE AREA UNDER FOOTINGS AND FOUNDATION SHALL HAVE ALL VEGETATION, STUMPS, ROOTS AND FOREIGN MATERIAL REMOVED PRIOR TO THEIR CONSTRUCTION.
 9. THE PERIMETER GRADE SHALL BE SLOPED AWAY FROM THE BUILDING TO PROVIDE POSITIVE DRAINAGE. THE GRADE OF THE GROUND UNDER THE BUILDING SHALL NOT BE LOWER THAN THE LOWEST SURROUNDING FINISH LOT AREA GRADE IN ORDER TO PREVENT THE ACCUMULATION AND STANDING OF WATER UNDER THE BUILDING.
 10. TERMITE PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE APPLICABLE CODES WHEN REQUIRED BY SUCH CODES.
 11. EXCAVATE AN ADDITIONAL 1 TO 2 INCHES AT BOTTOM AND SIDES OF ALL FOOTINGS THAT ARE POURED DIRECTLY AGAINST EARTH.
- FOUNDATION NOTES:
- THE FOLLOWING PRINTS ARE TO BE USED ONLY WHEN STEEL FRAME IS REMOVED FROM HOME.
- CROSS SECTION PAGE 7
- DETAIL PAGE 8

STANDARD (CENTERLINE)

MINIMUM SOIL BEARING
CAPACITY 2000 PSF.

WALL MAY BE LOCATED ON EITHER OR BOTH SIDES.

NOTE: MAX. GRAVITY LOAD ON EACH PIER IS 3775#. MAX. UPLIFT LOAD ON EACH PIER IS 435#. PIERS ARE NOT DESIGNED TO RESIST LATERAL LOADS.

FASTEN CONNECTOR TO RIM JOIST USING (4) 10d NAILS OR (4) #8x2 1/2" SCREWS

SECTION A-A (ALTERNATE CENTERLINE)

ALTERNATE FOOTING FOR SOIL
CONDITIONS LESS THEN 2000 PSF
(MINIMUM 1000 psf)

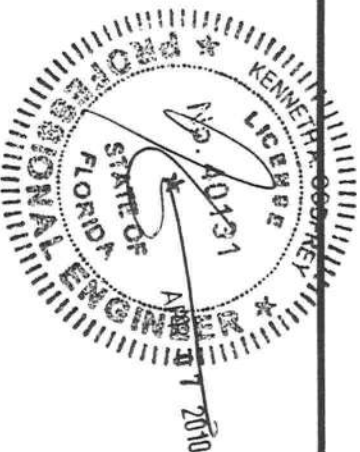
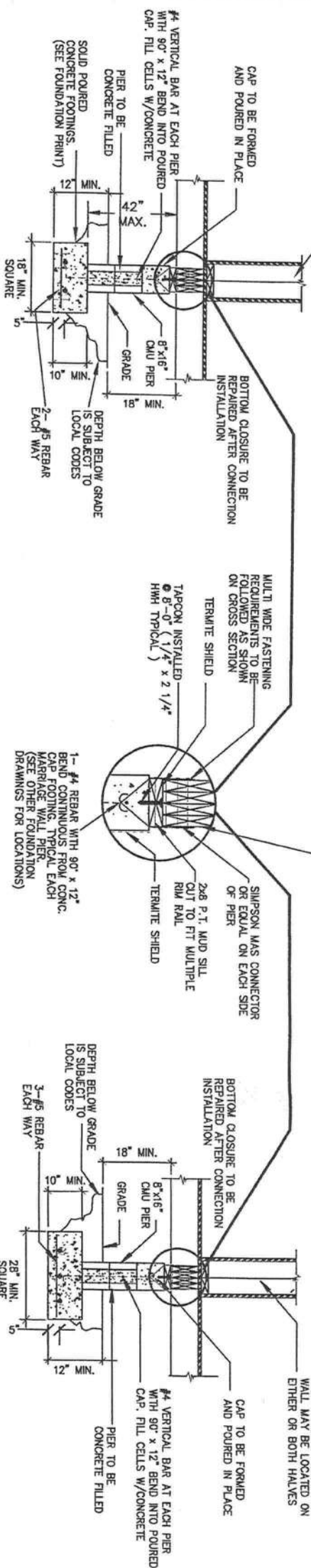
NOTE: MAX. GRAVITY LOAD ON EACH PIER IS 4700#. MAX. UPLIFT LOAD ON EACH PIER IS 675#. PIERS ARE NOT DESIGNED TO RESIST LATERAL LOADS.

FOUNDATION NOTES:

THE FOLLOWING PRINTS ARE TO BE USED ONLY WHEN STEEL FRAME IS REMOVED FROM HOME.

CROSS SECTION PAGE 7DETAIL PAGE 8

FOUNDATION (SEE HOUSE PACKAGE FOUNDATION PAGE)



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FLORIDA	Model: DCA TYPICAL PACKAGE	Print: PAGE 6 HOME W/OUT STEEL FRAME	

FLUSH SIDE WALL AND FOUNDATION WALL DETAILS

OPTION #1 USING SIMPSON* WAS MUDDLING

