



HOMES OF MERIT, INC.
P.O. BOX 2097
HWY 100 EAST
LAKE CITY, FLORIDA 32056

DCA C241
FLORIDA
INDEX PAGE

2090 Sq. Ft. HEATED AREA

13.9 SQUARE FEET NET FREE AREA OF
ATTIC VENTILATION TO BE PROVIDED
BY SOFFIT AND RIDGE VENTS/ROOF VENTS.
13.9 SQUARE FEET NET FREE AREA OF
CRAWL SPACE VENTILATION TO BE
PROVIDED BY FOUNDATION CONTRACTOR.

TRUSS PACKAGE
UNIVERSAL FOREST PRODUCTS
14'-6" WIDE MODULES
C367802 (3/12 VAULT)
HC190603 (6/12 VAULT)
HMS84501 (6/12 FLAT)
P450701 (6/12 FLAT) USE w/ HMS84501

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

FLORIDA TYPICALS 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 MASTER
CONSTRUCTION MANUAL LOCATED AT THE MANUFACTURING FACILITY.

THIS BUILDING IS ON A PERMANENT FOUNDATION AND IS NOT A
HUD UNIT.

PLAN REVIEW AND INSPECTION REQUIRED BY
CHAPTER 633 F.S., TO BE HANDLED BY
LOCAL FIRE SAFETY INSPECTOR.

BUILDING INSULATION VALUES:

WALLS R-19
FLOOR R-11
CEILING R-22
WINDOWS: U = 0.35

FLORIDA
STRUCTURAL LOAD LIMITATIONS:

FLOOR LIVE LOAD:
1. 40 PSF.

ROOF LIVE LOAD:
2. 20 PSF.

WIND LOAD:
1. 130 MPH
2. $W = 1.0$

WIND SPEED.
WIND IMPORTANCE FACTOR.
BLDG. CAT. II ENCLOSED.
WIND EXPOSURE CATEGORY.
3. C
4. $G_{Cp} = 0.18$ INTERNAL PRESSURE COEFFICIENT.
5. D.W.P. FOR C/G PSF

P_r = ROOF COMPONENT & CLADDING LOAD.

ZONE 1 = -31.5 PSF
ZONE 2,3 = -55.8 PSF

ROOF OVERHANG
ZONE 2 = -68.6PSF
ZONE 3 = -115.3 PSF

P_w = WALL COMPONENT & CLADDING LOAD.

WALL : (WINDOWS, DOORS)
ZONE 4 = -40.0 PSF
ZONE 5 = -49.0 PSF

6. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON
THE UPPER HALF OF A HILL OR ESCARPMENT
EXCEEDING 15 FEET IN HEIGHT.

7. THE MODULAR STRUCTURE MAY BE LOCATED IN AN
(AE) FLOOD ZONE PROVIDED THAT THE STRUCTURE IS
LOCATED ABOVE THE BASE FLOOD ELEVATION.

LISTING

AGENCY APPROVAL

THESE PRINTS COMPLY WITH THE
FLORIDA MANUFACTURED BUILD-
ING ACT OF 1978 CONSTRUCTION
CODE AND ADHERE TO THE FOL-
LOWING CRITERIA.

CONST. TYPE VB
OCCUPANCY R-3
ALLOWABLE NO. OF FLOORS 1
WIND VELOCITY 130
FIRE RATING OF EXT. WALLS 0
PLAN NO. 2201-0152F
ALLOW. FLOOR LOAD 40
APPROVAL DATE 4.18.06
MANUFACTURER HOMES OF MERIT
HIGH VELOCITY HURRICANE ZONE NO

WVG
COA # 1025

THIRD PARTY

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

ROBERT E. GREGG
REGISTERED ARCHITECT
630 CHESTNUT ST
CLEARWATER, FL 33756
PHONE: (727)-796-8774
FAX: (727)-791-6942

Modular Building Plans Examiner
Florida License No. SHP-12

Date 4.18.06 Plan No. 2201-0152F
Approved By JAMES A. LYONS

James A. Lyons

Date: 2-17-06	Revisions	Cad#: FC241-01
Dr'n CP		
Scale: N.T.S.		
Code: D (06)		
FLORIDA	DCA: DCA C241 60x43-6 3BR 2B GR	Print: PAGE 1 INDEX



HOMES OF MERIT, INC.
P.O. BOX 2097
HWY 100 EAST
LAKE CITY, FLORIDA 32056

ROBERT E. GREGG
REGISTERED ARCHITECT
630 CHESHAM ST. 33756
CLEARWATER, FL 33756
PHONE: (727)-786-8774
FAX: (727)-791-6942

ELECTRICAL SCHEDULE

PANEL SIZING

BRKR.	NO.	NOMENCLATURE	VOLTS	WIRE CU. NM	DESCRIPTION	KVA
20	1	PORTABLE APPLIANCE	120	12/2 GFCI	FLOOR AREA 2089 SF X 3 VA / 1000=	6.27
20	2	PORTABLE APPLIANCE	120	12/2 GFCI	2 SMALL APPLIANCES AT 1500 VA / 1000=	3.0
20	3	GFI RECEPTACLES	120	12/2 GFCI	BUILT-IN OVEN AT 3.6 KW. SINGLE =	3.6
15	4	GENERAL LIGHTING	120	14/2	BUILT-IN OVEN AT 8.8 KW. DOUBLE =	
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	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		
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		
40 (2P)	15	RANGE	240	8/3	OPT. FREEZER AT 1.9 KW.=	1.9
40 (2P)	16	COOK TOP	240	8/3	OPT. MICROWAVE AT 1.5 KW.=	1.5
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	TOTAL LOAD	40.17
	19	HVAC COMPRESSOR	SIZED PER MFR. SPECS.		FIRST 10 KVA AT 100%	10.0
	20	HVAC BLOWER	SIZED PER MFR. SPECS.		REMAINDER AT 40%	12.07
15	21	SMOKE DETECTOR	120	14/3 AFCI	HVAC AT 100%	15.8
20	22	WHIRLPOOL TUB	120	12/2		
20	23	OPT MICROWAVE	120	12/2 GFCI	TOTAL	37.87
20	24	OPT FREEZER	120	12/2 GFCI	TOTAL X 1000 =	158
					240	
					INSTALL 200 AMP PANEL	

Cad#: FC241-02

Revisions

2-17-06 CP

Date: 8-2-04

Dr'n CP

Scale: N.T.S.

Code: D (06)

FLORIDA

DCA:

DCA C241

APPROVED APR 18 2006

Print:

PAGE 2

ELECTRIC PANEL

HOMES OF MERIT, INC.
P.O. BOX 2097
HWY 100 EAST
LAKE CITY, FLORIDA 32056



THIRD PARTY
HILBORN, WERNER, CARTER
& ASSOCIATES
15750 N. CENTE AVE.
CLEARWATER, FL 33756

PAGE 2
2201-0152F

90" MIN. &
108" MAX.
WALL HEIGHT

FINISH FLOOR

LEFT ELEVATION (STD or ALT #1)

APPROVED FOR 18 2006

90" MIN. &
108" MAX.
WALL HEIGHT

FINISH FLOOR

LEFT ELEVATION (ALT#2)

**WINDOWS MAY BE REPLACED
WITH SGD OR ATRIUM**

90" MIN. &
108" MAX.
WALL HEIGHT

FINISH FLOOR

REAR ELEVATION (STD or ALT #1)

RIGHT ELEVATION

ELEVATION NOTES:

SEE CROSS-SECTION FOR METHOD OF ROOF VENTILATION.

NOTE: UNDERPINNING AND STOOPS ON SITE BY OTHERS TYPICAL ONLY.

FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1-SQUARE FOOT NET VENT AREA 1/150th OF THE FLOOR AREA, AND A 18"x24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS AND SUBJECT TO LOCAL JURISDICTION.

STAIR(S) AND HANDRAILS ARE SITE INSTALLED, DESIGNED BY OTHERS AND SUBJECT TO LOCAL JURISDICTION.

NOTE:
SOME WINDOWS SHOWN ARE OPTIONAL

[illegible]

THIRD PARTY
HILSON, WERNER, CANTON
& ASSOCIATES
1827 SOUTH BRITL E AVE.
CLEVELAND, FL 33176

		HOMES OF MERIT, INC. P.O. BOX 2097 HWY 100 EAST LAKE CITY, FLORIDA 32056	
Date: 8-2-04	Revisions		Cod #: FC241-03
Dr'n: CP	9-30-04 CP		
Scale: 1/8"=1'	2-17-06 CP		
Code: D (06)			2201-0152F
FLORIDA	DCA:	DCA C241	Print: PAGE 3 ELEVATIONS

90" MIN. &
108" MAX.
WALL HEIGHT

FINISH FLOOR

FRONT ELEVATION

LEFT ELEVATION

APPROVED APR 18 2006

REAR ELEVATION

90" MIN. &
108" MAX.
WALL HEIGHT

FINISH FLOOR

RIGHT ELEVATION

ELEVATION NOTES:

SEE CROSS-SECTION FOR METHOD OF ROOF VENTILATION.

NOTE: UNDERPINNING AND STOOPS ON SITE BY OTHERS TYPICAL ONLY.

FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1-SQUARE FOOT NET VENT AREA 1/150th OF THE FLOOR AREA, AND A 18"x24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS AND SUBJECT TO LOCAL JURISDICTION.

STAR(S) AND HANDRAILS ARE SITE INSTALLED, DESIGNED BY OTHERS AND SUBJECT TO LOCAL JURISDICTION.

NOTES:

SOME WINDOWS SHOWN ARE OPTIONAL.
SEE PAGE 3 FOR ALT #2 WINDOW PLACEMENTS

LISTING
AGENCY APPROVAL

THESE PRINTS CORRELATE WITH THE FEDERAL LABORATORY ANALYSIS REPORT OF A 1974 CHRYSLER CORP. CHRYSLER 1974-1975 LIMITED COUNTRY.	
COLOR TYPE	<u>18</u>
OCCUPANCY	<u>1</u>
ALLOYED NO. OF WHEELS	<u>130</u>
WHEEL VELOCITY	<u>0</u>
PER MILEAGE OF ET. WHEELS	<u>2201-01395</u>
PLATE NO.	<u>AD</u>
ALLOY FLOOR	
LEADS	
APPROVAL DATE	<u>4-18-80</u>
MANUFACTURER	<u>HOLCOMB</u>
WHEEL VELOCITY	<u>NO</u>
MANUFACTURE DATE	

DWG
004 1 1000

THIRD PARTY

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



HOMES OF MERIT, INC.
P.O. BOX 2097
HWY 100 EAST
LAKE CITY, FLORIDA 32056

Date: 10-15-04

Revisions

Cad#: FC241-03A

Dr'n:

29

Scale: 1/8"=1'

Code: D (06)

2201-0152F

FLORIDA

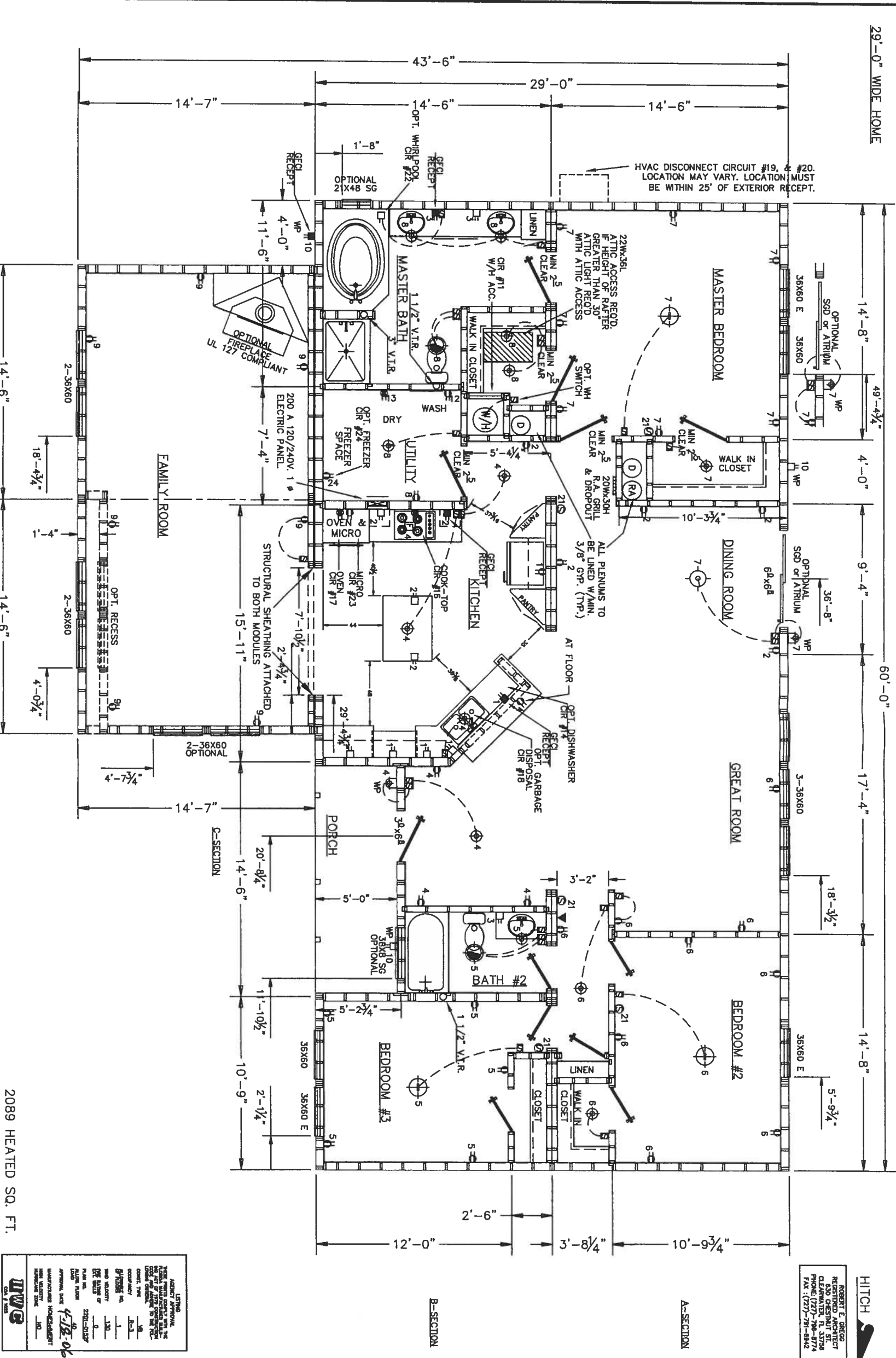
DCA C241

PAGE 3A
ELEVATIONS

29'-0" WIDE HOME

HITCH

ROBERT E. GREGG
REGISTERED ARCHITECT
CLEARWATER, FL 33759
PHONE: (727) 798-8774
FAX: (727) 791-8842



EXIT SIGN	220 RECEPT
DIRECTIONAL EXIT SIGN	220 RECEPT
BATH FAN	220 RECEPT
COMB. VENT FAN & LIGHT	220 RECEPT
ELECT. PANEL BOX	220 RECEPT
HANDICAP DIRECT SIGN	220 RECEPT
FLUORESCENT LIGHT	220 RECEPT
OUTSIDE LIGHT	220 RECEPT
SUPPLY AIR DUCT	220 RECEPT
RETURN AIR GRILL	220 RECEPT
SMOKE DETECTOR	220 RECEPT

NOTES:

- ALL INTERIOR PASSAGE DOORS TO BE A MIN. 2 1/4" X 6 1/2" UNLESS OTHERWISE NOTED.
- HOME MAY BE BUILT IN MIRROR IMAGE.
- MAX. 8 S.F. FOR OPT. SKYLIGHTS (KITCHEN OR 2 BATHROOM LOCATIONS)

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.

THIRD PARTY:

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

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

Date: 7-8-04	Revisions	Cod#: FC241-04
Dr'n: CP	10-6-04 CP	
Scale: 3/16"=1'	4-4-06 hb	
Code: D (06)		
Model: BAY DCA C241 60x43-6 3BR 2B FR		Print: PAGE 4 FLOOR PLAN

APPROVED APR 18 2006

29'-0" WIDE HOME

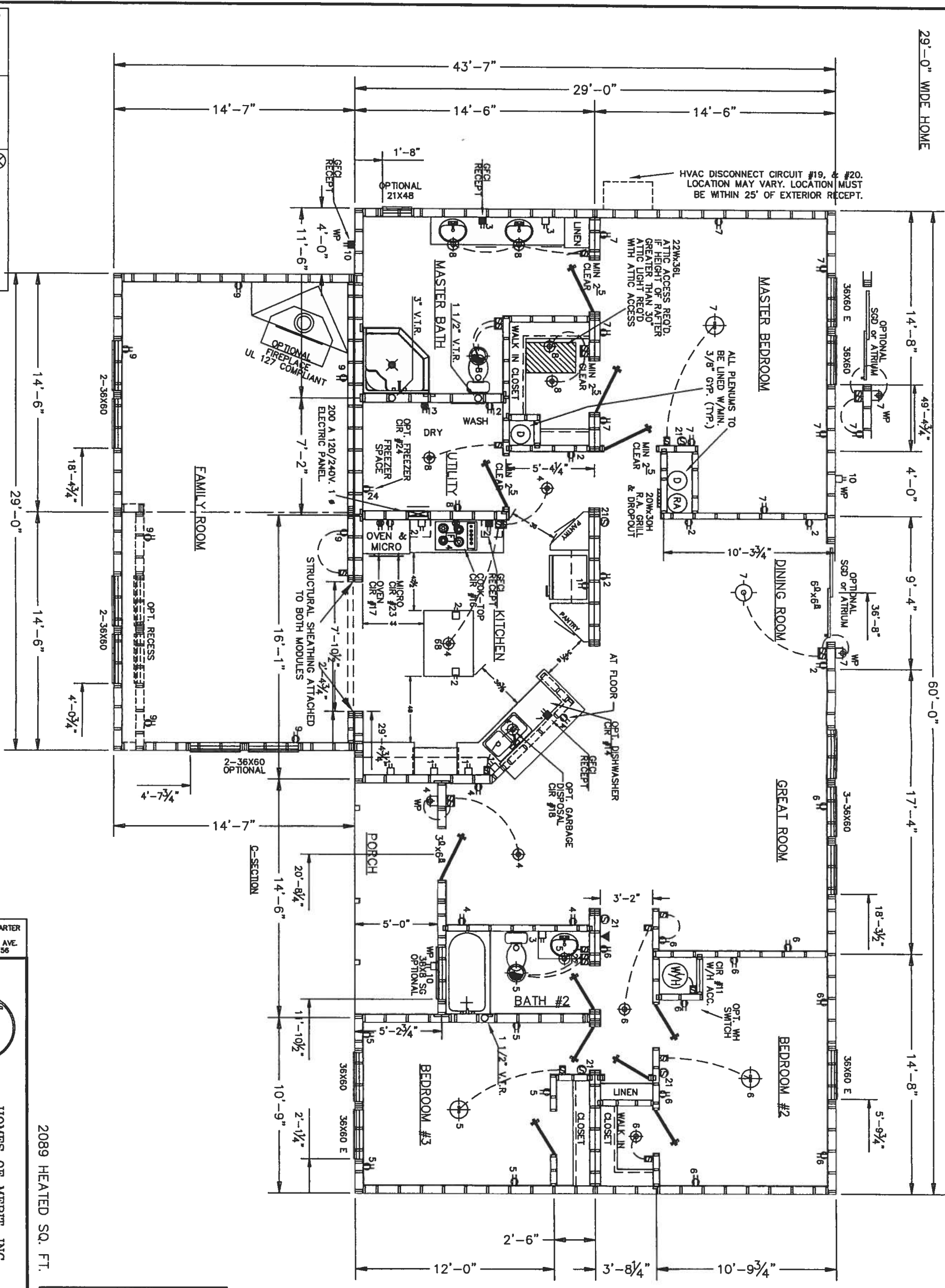
60'-0"

HITCH

REGISTERED ARCHITECT
CLARENCE H. HITCH
PHONE: (727)-786-8774
FAX: (727)-781-8442

A-SECTION

B-SECTION



C-110 RECEPT	220 RECEPT	EXIT SIGN
FLOOR RECEPT	DIRECTIONAL EXIT SIGN (INSTALLED BY OTHERS)	
G.F.C.I. RECEPT	BATH FAN	
G.F.C.I.	COMB. VENT FAN & LIGHT	
THERMOSTAT	ELECT. PANEL BOX (INSTALLED BY OTHERS)	
INCANDESCENT LIGHT	SINGLE SWITCH	
FLUORESCENT LIGHT	DBL. SWITCH	
OUTSIDE LIGHT	CEILING JUNCTION BOX	
SUPPLY AIR DUCT	SMOKE DETECTOR	
RETURN AIR GRILL		
& DROP OUT		

- NOTES:
1. ALL INTERIOR PASSAGE DOORS TO BE A MIN. 2' 4" X 6' 8" UNLESS OTHERWISE NOTED.
 2. HOME MAY BE BUILT IN MIRROR IMAGE.
 3. MAX. 8 S.F. FOR OPT. SKYLIGHTS (KITCHEN OR 2 BATHROOM LOCATIONS)
- 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 UNOILED MAY BE INSTALLED IN ALL OTHER AREAS.

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES
6827 SOUTH MYRTLE AVE.
CLEARWATER, FL 33756

Date: 9-15-04	Revisions	Cod# FC241-04A
Dr'n: CP	10-6-04 CP	
Scale: 3/16"=1'	1-31-05 CP	
Code: D (06)	4-4-06 hb	
Model: OPT MBTH & UTIL BAY DCA C241 60X43-6 3BR 2B FR	Print: ALT #1 PAGE 4A FLOOR PLAN	2201-0152F



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

2089 HEATED SQ. FT.

ADDITIONAL APPROVAL
THIS PLAN HAS BEEN REVIEWED BY THE
LOCAL BUILDING DEPARTMENT AND IS
IN ACCORDANCE WITH THE
LOCAL ORDINANCES.
DATE: 10-18-04
BY: [Signature]
TITLE: [Title]
APPROVAL: [Signature]
DATE: 10-18-04
BY: [Signature]
TITLE: [Title]

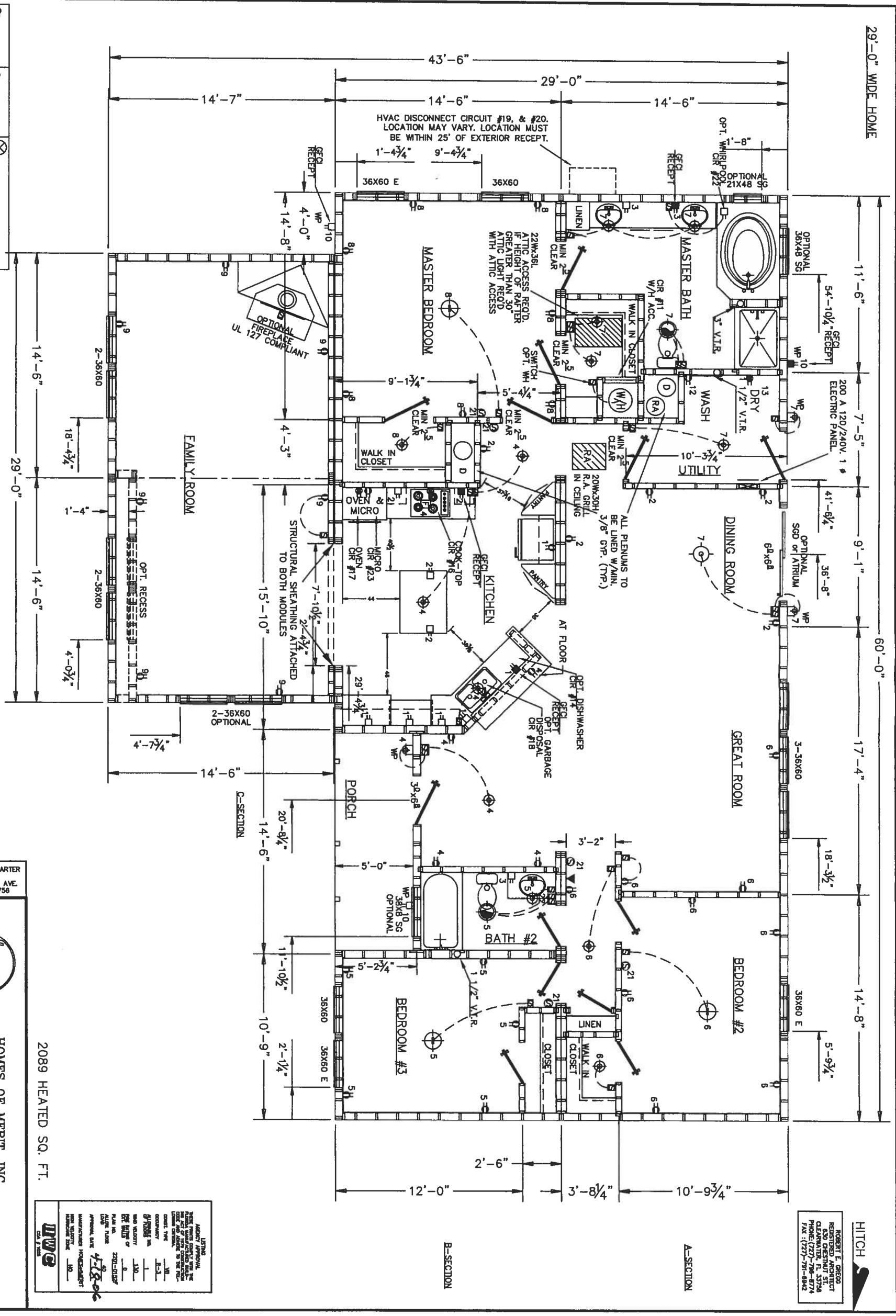
APPROVED APR 18 2006

29'-0" WIDE HOME

60'-0"

HITCH

ROBERT E. ORCINO
REGISTERED ARCHITECT
CLEARWATER, FL 33756
PHONE (727)-798-8774
FAX (727)-791-8842



C-110 RECEPT	220 RECEPT	EXIT SIGN
FLOOR RECEPT	(INSTALLED BY OTHERS)	DIRECTIONAL EXIT SIGN
G.F.C.I. RECEPT	BATH FAN	
G.F.C.I.	COMB. VENT FAN & LIGHT	
THERMOSTAT	ELECT. PANEL BOX	
INCANDESCENT LIGHT	HANDICAP DIRECT SIGN	
FLUORESCENT LIGHT	(INSTALLED BY OTHERS)	
OUTSIDE LIGHT	SINGLE SWITCH	
SUPPLY AIR DUCT	DBL. SWITCH	
RETURN AIR GRILL	CEILING JUNCTION BOX	
& DROP OUT	SMOKE DETECTOR	

NOTES:
1. ALL INTERIOR PASSAGE DOORS TO BE A MIN. 2 1/4" X 6 1/2" UNLESS OTHERWISE NOTED.
2. HOME MAY BE BUILT IN MIRROR IMAGE.
3. MAX. 8 S.F. FOR OPT. SKYLIGHTS (KITCHEN OR 2 BATHROOM LOCATIONS)

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.

THIRD PARTY:

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

Home's
Merit

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

Date: 7-8-04	Revisions	Cod#: FC241-04B
D'r'n: CP	10-6-04 CP	
Scale: 3/16"=1'	2-17-06 CP	
Code: D (06)	4-4-06 hb	
Model: MST SUITE OPT BAY DCA C241 60X43-6 3BR 2B FR		Print: PAGE 4B FLOOR PLAN

2089 HEATED SQ. FT.

LISTING

AGENCY APPROVAL

DATE: 7-8-04

BY: [Signature]

FOR: [Signature]

2201-0152F

4-18-06

APPROVAL DATE

DATE: 7-8-04

BY: [Signature]

FOR: [Signature]

2201-0152F

4-18-06

APPROVAL DATE

APPROVED [Signature] 2006

ROBERT E. GRECO
REGISTERED ARCHITECT
630 CHESTNUT ST.
CLEARWATER, FL 33756
PHONE: (727)-796-6774
FAX: (727)-791-0842



LEADS

AGENCY: PHOENIX

NAME: WILLIAM RAYMOND RAY
ADDRESS: 1000 W. WASHINGTON
CITY: PHOENIX STATE: ARIZ.
COUNTRY: U.S.A.
CITY: PHOENIX STATE: ARIZ.
COUNTRY: U.S.A.

CONF. TYPE: 18

ORIGIN: PHOENIX NO. 1

WIND VELOCITY: 130

DIR. WIND VELOCITY: 0

PLAN NO. 2201-0105F

ALIAS: PHOENIX

NO. 40

APPROVAL: DATE 4-18-60

APPROVED BY: INVESTIGATOR

INITIALS: DATE NO.

REMARKS: FILE

WVC

COA 1 7035

- MATERIAL: LUMBER
SIZE: 2X8 SP# 2
FOR SPANS K TO L
- MATERIAL: LUMBER
SIZE: 2x6 STR#2
FOR SPANS M TO N & N TO O
O TO P & P TO Q



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

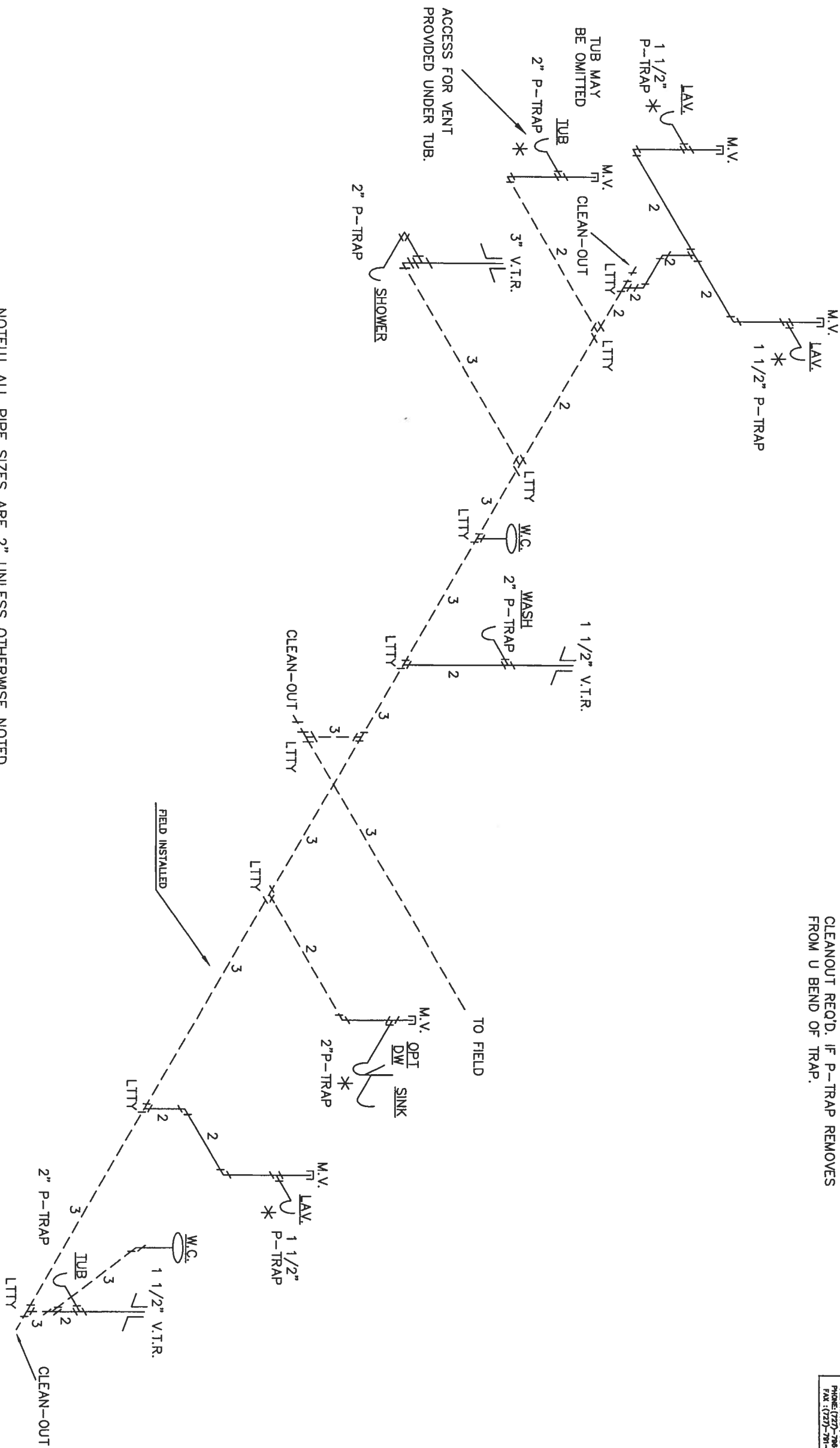
Revisions

-6-04 CP
17-06 CP

el:
BAY DCA C241
60x43-6 3BR 2B FR

ROBERT E. GRECO
REGISTERED ARCHITECT
FLORIDA LICENSE NO. 13724
PHONE: (727)-796-8774
FAX: (727)-791-8842

NOTE:
* 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.



NOTE!!! ALL PIPE SIZES ARE 2" UNLESS OTHERWISE NOTED.

2089 HEATED SQ. FT.



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

Date: 7-8-04 Revisions Cod#: FC241-07

Dr'n: CP 10-6-04 CP

Scale: 3/16"=1' 4-4-06 hb

Code: D (06) 2201-0152F

FLORIDA Model: BAY DCA C241 Print: PAGE 7
60x43-6 3BR 2B FR DWV

APPROVED APR 18 2006

--- FIELD INSTALLED
--- FACTORY INSTALLED

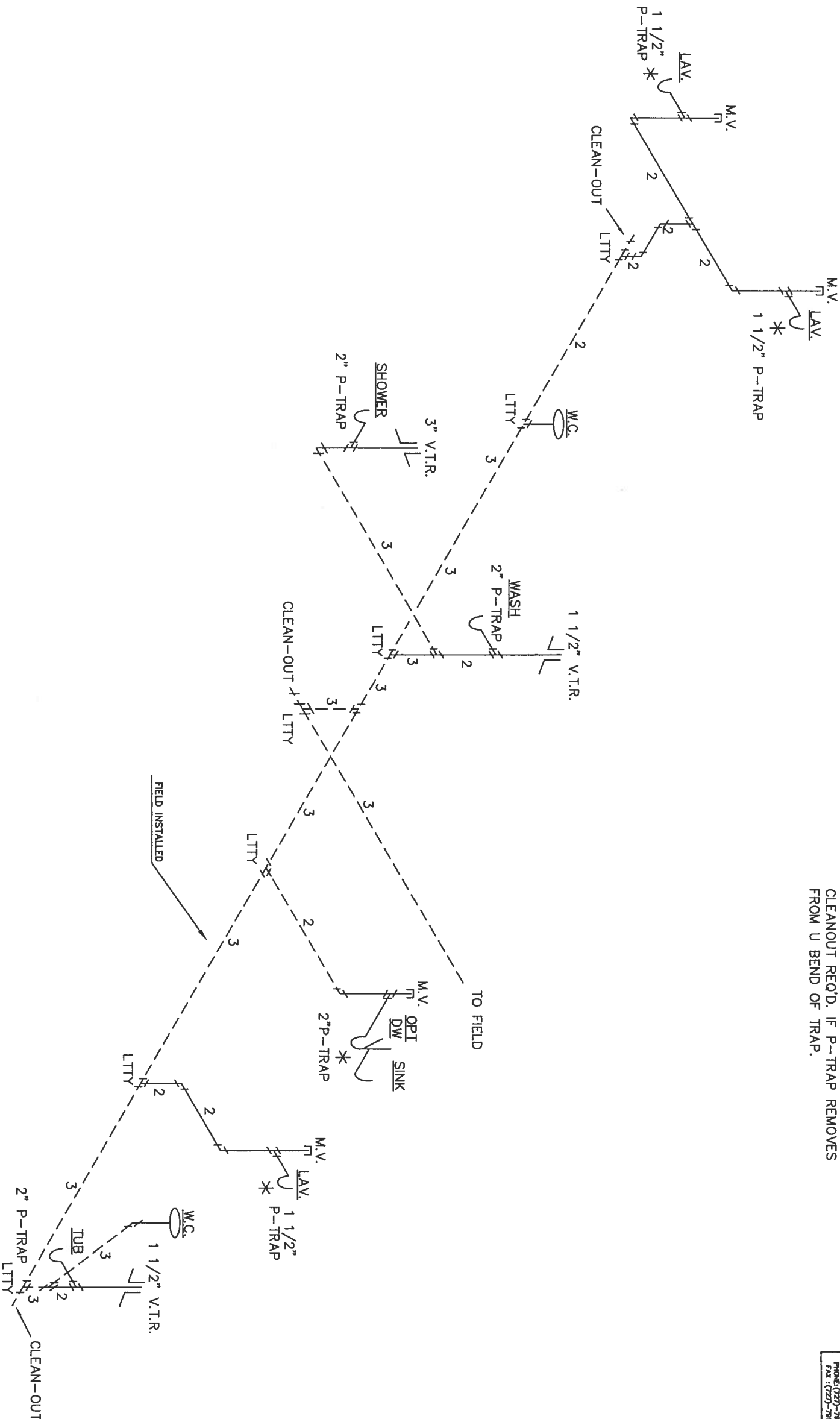
D.W.V. SYSTEM

LISTING	ADDITIONAL INFORMATION
THIS PROJECT HAS BEEN REVIEWED BY THE BOARD OF PROFESSIONAL ENGINEERS AND ARCHITECTS AND IS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.	THIS PROJECT HAS BEEN REVIEWED BY THE BOARD OF PROFESSIONAL ENGINEERS AND ARCHITECTS AND IS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
DATE: 7-8-04	DATE: 7-8-04
PROJECT NO. 1	PROJECT NO. 1
DR'N: CP	DR'N: CP
SCALE: 3/16"=1'	SCALE: 3/16"=1'
CODE: D (06)	CODE: D (06)
MODEL: BAY DCA C241	MODEL: BAY DCA C241
PRINT: PAGE 7	PRINT: PAGE 7

NOTE:

- * 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.

ROBERT E. GREGG
REGISTERED ARCHITECT
630 CRESTMONT ST.
CLEARWATER, FL 34776
PHONE (727) 796-8774
FAX (727) 791-0842



NOTE!!! ALL PIPE SIZES ARE 2" UNLESS OTHERWISE NOTED.

2089 HEATED SQ. FT.



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

Date: 9-15-04 Revisions Cod#: FC241-07A

Dt'n: CP 10-6-04 CP 1-31-05 CP

Scale: 3/16"=1' 4-4-06 hb 2201-0152F

Code: D (06) Model: OPT MBTH & UTIL Print: ALI #1

FLORIDA BAY DCA C241 PAGE 7A

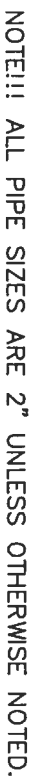
60x43-6 3BR 2B FR DWV

APPROVED APR 18 2006

APPROVED APR 1

NOTE:
* 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.

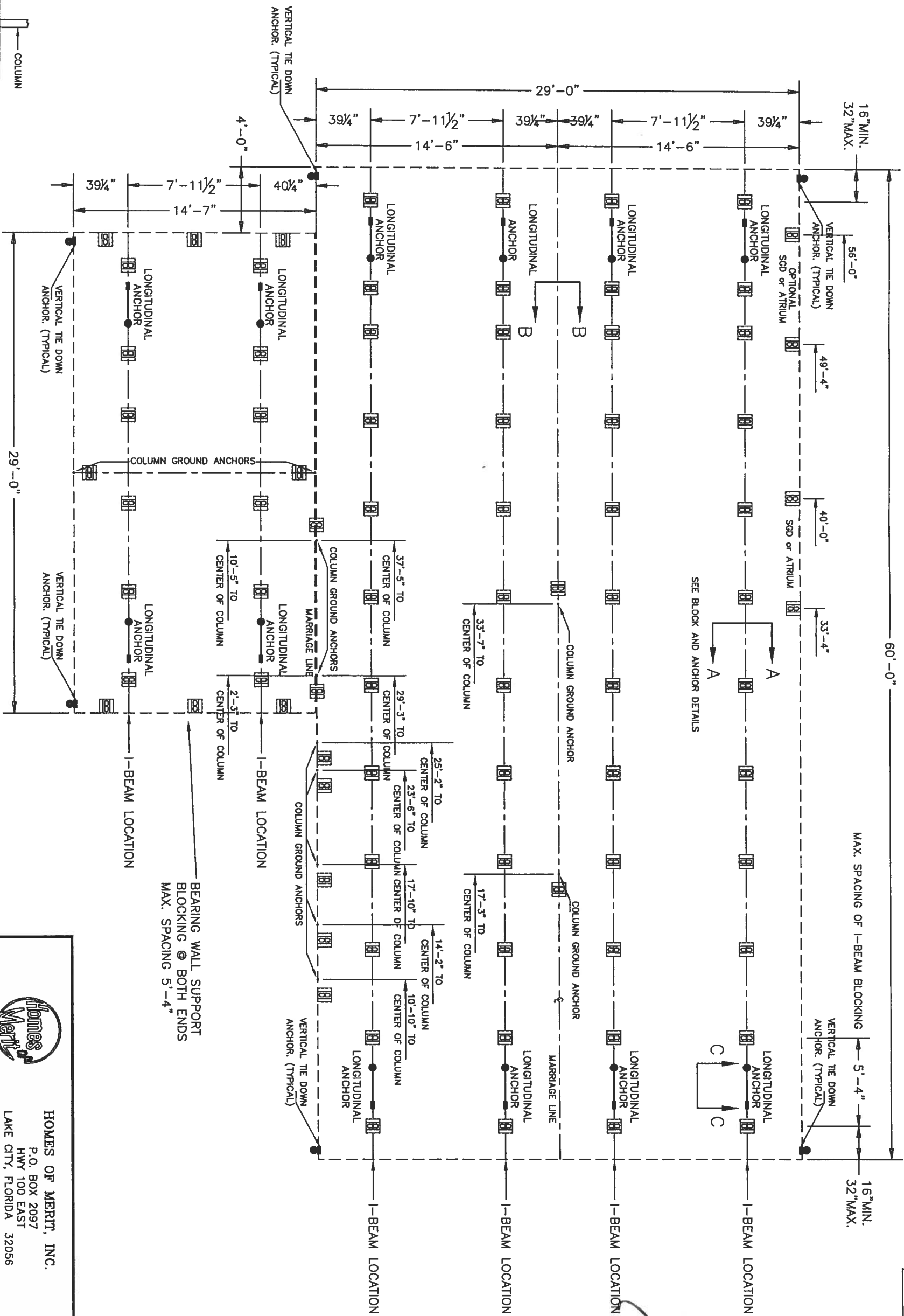
TUB MAY
BE OMITTED

[illegible]

THIRD PARTY:				HILDBORN, WERNER, CARTER & ASSOCIATES 1627 SOUTH MYRTLE AVE. CLEARWATER, FL 33756	
		HOMES BY MERIT, INC. P.O. BOX 2087 (1915 SE STATE ROAD 100) LAKE CITY, FLORIDA 32056			
Date: 7-8-04	Revisions			Cad#:	FC241-07B
Dt'n: CP	10-6-04	CP			
Scale: 3/16"=1'	2-17-06	CP			
Code: D (06)	3-11-06	CP			
Model: MST SUITE OPT BAY DCA C241 60x43-6 3BR 2B FR			Print: ALT #2 PAGE 7B DWV		

ROBERT E. GREGG
REGISTERED ARCHITECT
630 CHESTNUT ST.
CLEARWATER, FL 33756
PHONE: (727)-798-8774
FAX: (727)-791-8942

HITCH



NOTE:

1. TYP. 8X16 CONCRETE BLOCK UNLESS OTHERWISE NOTED.
2. FOUNDATION SHOWN IS FOR MIN. SOIL BEARING CAPACITY 2000 PSF.
3. CONCRETE COMPRESSIVE STRENGTH 2500 PSI IN 28 DAYS.
4. SOIL BEARING CAPACITY SHOWN ON THIS PLAN IS 2,000 PSF. IF THE ACTUAL SOIL BEARING CAPACITY IS LESS THAN 2,000 PSF, AN ARCHITECT/ENGINEER MUST BE CONSULTED FOR REQUIRED ALTERNATE FOUNDATION DESIGN. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY.



HOMES OF MERIT, INC.
P.O. BOX 2097
HWY 100 EAST
LAKE CITY, FLORIDA 32056

Date: 8-2-04

Revisions

Cod#: FC241-08

Dwn: CP

10-11-04 CP

Scale: 3/16"=1'

2-17-06 CP

Code: D (06)

2201-0152F

FLORIDA

Model:

DCA C241

Print:

PAGE 8
FOUNDATION LAYOUT

APPROVED APR 18 2006

60'-1"

EXTERIOR FOUNDATION WALL
SEE FOUNDATION DETAILS.

SIDEWALL

HITCH

8" x 16" VENT OPENING COVERED WITH
CORROSION RESISTANT WIRE MESH NOT
LESS THAN 1/4" NOR MORE THAN 1/2"
IN ANY DIRECTION. (TYPICAL) 1 SQ. FT.
OF VENT REQUIRED FOR EVERY 150 SQ.
FT. OF CRAWL SPACE MINIMUM.
LOCATIONS MAY VARY.

18" x 24" MINIMUM ACCESS PANEL LOCATION
MAY VARY DUE TO SITE CONDITIONS.
(WITH MIN. 0.26 SQ. FT. VENT)

ALTERNATE FOOTING
(SEE SECTION A-A)

18x24x10 SOLID CONCRETE FOOTING FOR
CENTER LINE BLOCKING 5'-4" O.C. MAXIMUM.
OPTIONAL 10x18 CONTINUOUS FOOTING
FOR CENTER LINE BLOCKING

33'-7" TO CENTER
OF COLUMN FOOTING

17'-3" TO CENTER
OF COLUMN FOOTING

ENDWALL

MARRIAGE
WALL

ENDWALL

- NOTES:
- 1.) THE FOUNDATION DESIGN IS BASED ON 130 MPH WIND.
 - 2.) FOUNDATION SHOWN IS THE MINIMUM REQUIRED BY STANDARD BUILDING CODE ALL FOUNDATIONS SHALL BE DESIGNED FOR ACTUAL SITE CONDITIONS.
 - 3.) MINIMUM SOIL BEARING CAPACITY 2000 PSF. CONCRETE COMPRESSIVE STRENGTH 2500 PSI IN 28 DAYS.
 - 4.) FOOTING SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY, MIN. 12" BELOW FROST LINE.
 - 5.) TYP. 8X16 CONCRETE BLOCK UNLESS OTHERWISE NOTED.
 - 6.) ALL FOUNDATION CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
 - 7.) ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A615, GRADE 60 REINFORCEMENT BARS SHALL BE EQUALLY SPACED WITH 3" CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING. LAP SPLICES TO BE 48 BAR DIAMETERS.
 - 8.) MASONRY UNITS SHALL COMPLY WITH ASTM C90.
 - 9.) MORTAR SHALL BE TYPE M OR S.
 - 10.) FOUNDATION MAY BE 29'-1 1/2" WIDE FOR EASE OF INSTALLATION
 - 11.) PROVIDE APPROVED TERMITE PROTECTION.
 - 12.) FINISH GRADE SHALL BE SLOPED AWAY FROM THE FOUNDATION FOR DRAINAGE.
 - 13.) A VAPOR BARRIER CONSISTING OF 6 MIL VISQUEEN SHALL BE INSTALLED OVER THE GROUND SURFACE WITHIN THE CRAWL SPACE.
 - 14.) THE MODULAR STRUCTURE MAY BE LOCATED IN AN (AE) FLOOD ZONE PROVIDED THAT THE STRUCTURE IS LOCATED ABOVE THE BASE FLOOD ELEVATION.

** IF SOIL CONDITIONS INDICATE
DIFFERENTIAL SETTLEMENT IS
LIKELY, A SOIL ENGINEER
SHOULD BE CONSULTED
TO DESIGN
REMEDIAL MEASURES.

CONTINUOUS CONCRETE BLOCK WALL ON
10" x 16" CONTINUOUS CONCRETE FOOTING.
REINFORCED PER LOCAL CODE REQUIREMENTS
WITH MIN. 2- #5 REBAR

14'-6 1/2" TO CENTER
OF COLUMN FOOTING

OPT RECESSED AREA

AREA OF PORCH MUST BE SLOPED
AND DRAINED TO THE OUTSIDE
OF THE FOUNDATION. NO PLASTIC
GROUND COVER TO BE USED IN THIS AREA.



HOMES OF MERIT, INC.
P.O. BOX 2097
HWY 100 EAST
LAKE CITY, FLORIDA 32056

Revisions		Cod#:
Date: 8-2-04		FC241-09
Dr'n: CP	10-11-04 CP	
Scale: 3/16"=1'	4-4-06 hb	
Code: D (06)		2201-0152F
FLORIDA	Model: DCA C241	Print: PAGE 9 FOUNDATION LAYOUT

7/16" ORIENTED STRAND BOARD (OSB), RATED SHEATHING EXP.
1-24/16 TO BE FASTENED TO TRUSSES WITH 15 GA. 7/16" CROWN STAPLE X 1 1/2" LEG OR EQUIVALENT AT 4" O.C. ON EDGES AND 8" O.C. IN FIELD.

FIRST THREE TRUSSES AT ENDWALL SHALL BE DOUBLED OR SHALL BE DESIGNED FOR END ZONE CONDITIONS

FASTEN BOTTOM CHORD TO MAIN TRUSS TOPCHORD WITH # 10 X 3 1/2" WOODSCREWS

#8 WOOD SCREWS X 3" FASTENED 6" O.C. ALONG RAFTER TOP CHORD INTO DORMER.

ROOF INSULATION (BLOWN) BEHIND RIDGEBEAM

FIELD OR FACTORY INSTALLED DORMER

STEP DOWN TRUSS @ 16" OR 24" OC

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" MINIMUM INTO ADJACENT MODULE TRUSS.

12
3 MIN
6 MAX

2x4 SPF #3 GABLE ENDWALL

2x4 SPF #3 LADDER OVERHANG

LISTED ENGINEERED TRUSSES AT 16" OR 24" O.C. PER DCA PACKAGE LISTED ROOF TRUSS DESIGN LOADS:
LIVE LOAD 20 PSF TOP CHORD
DEAD LOAD 6 PSF TOP CHORD
LIVE LOAD 10 PSF BOTTOM CHORD
DEAD LOAD 5 PSF BOTTOM CHORD

RIDGEBEAM BASED ON SPAN SIZE

CEILING INTERIOR FINISH SEE STANDARD CROSS SECTION

SHOWN W/VAULTED CEILING

FIRESTOPPING AT EXTERIOR WALL CONNECTION

STRUCTURAL SHEATHING ATTACHED TO BOTH MODULES

WALL INTERIOR FINISH

MARRIAGE WALL STUDS MIN 2x3 SPF #3 AT 16" 16" OR 24" O.C.

BOTTOM PLATE MIN 2x3 SPF #3

SITE INSTALL MIN. 3/8" x 5" LAG SCREWS STAGGERED FROM SIDE TO SIDE AT 32" O.C. MINIMUM. LAG SCREWS MUST PENETRATE 1" MINIMUM INTO ADJACENT MODULE RIM JOIST.

SEE STANDARD CROSS SECTION FOR BUILD.

GENERAL CROSS SECTION NOTES

1. ALL LAG SCREWS AND BOLTS MUST COMPLY WITH ASTM A307, ANSI/ASME B 18.2.1
2. SEE FOUNDATION PLAN FOR PIER, FOUNDATION WALL, AND TIE DOWN ANCHORAGE LOCATIONS, ORIENTATIONS, AND SPECIFICATIONS.

INTERIOR FINISH MATERIAL

CEILING - 1/2 INCH, HIGH STRENGTH, REINFORCED TYPE GYPSUM BOARD, APPROVED FOR WET FINISH APPLICATION. INSTALLED PER MANUFACTURERS SPECIFICATIONS. (POPCORN FINISH)

WALL - 3/8 INCH MINIMUM GYPSUM BOARD 3/8 INCH MINIMUM VINYL COVER GYPSUM BOARD IN BATHROOMS. 3/8" MIN GYP W/16" o/c STUDS 1/2" MIN GYP W/24" o/c STUDS

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

EXTERIOR FINISH MATERIAL

ROOF - CERTAINTED FIRESCREEN +2000 SHINGLES ASTM D3462, U/L 790, 997, MIAMI DADE ACCEPTED. (NO. 940516.15), TYPE 1 CLASS A. INSTALLED PER MANUFACTURERS SPECIFICATIONS OR EQUIVALENT. SHINGLES SHALL BE INSTALLED OVER 15# FELT, 2 LAYERS FOR PITCHES UP TO 4/12 AND 1 LAYER FOR 4/12 AND STEEPER.

WALL - 5/8" T-11 APA RATED PANEL SIDING OR VINYL HORIZONTAL LAP SIDING INSTALLED PER MANUFACTURERS SPECIFICATIONS. BRICK VENEER, STUCCO, OR OTHER APPROVED FINISH SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL APPROVAL.

OPTION: FASTEN INNER 2x8 RIM TO JOIST W/3--16d NAILS or 5--15ga. x 2 1/2" STAPLES.

OPTION: FASTEN INNER 2x10 RIM TO JOIST W/6--16d NAILS or 8--15ga. x 2 1/2" STAPLES.

2x8 JOIST (MIN)

OUTER 2x8 RIM FASTENED TO INNER RIM W/12d NAILS 10" o/c STAGGERED TOP AND BOTTOM or 15ga. x 2 1/2" STAPLES @ 7" o/c TOP AND BOTTOM.

OPTION: OUTER 2x10 RIM FASTENED TO INTER RIM W/16d NAILS 10" o/c STAGGERED TOP AND BOTTOM or 15ga. x 2 1/2" STAPLES @ 6" o/c TOP AND BOTTOM.

DBL. RIM JOIST FASTENING DETAIL

NOTE! ANY REFERENCE 2x8 SPF #2 FLOOR JOIST MAY BE REPLACED WITH 2x10 SPF #2.

CROSS SECTION with STEEL FRAME

INSTALL SIMPSON H-10 TIES TRUSS TO TOP PLATE OR EQUIVALENT

TRUSSES AT 24" o/c. MAX.

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.

DOUBLE TOP PLATE DETAIL

ROBERT E. GREGG
REGISTERED ARCHITECT
FLORIDA
OFFICE: 1827 SOUTH WYRTLE AVE.
LAKE CITY, FL 33756
PHONE: (727) 796-8774
FAX: (727) 797-8846

LISTING AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE
FLORIDA WATERMARKED BLUE-
PRINTING ACT AND ADHERE TO THE
LOCAL AGENCY APPROVAL
CONTRACT TYPE: R-3
OCCUPANCY: 1
SQUARE FOOTAGE: 130
WIND VELOCITY: 130
FIRE RATING OF EXT. WALLS: 0
PLAN NO.: 2201-0152F
ALLOW FLOOR LOAD: 40
APPROVAL DATE: 4-18-06
MANUFACTURER: HILBORN, WERNER, CARTER & ASSOCIATES
HOMES OF MERIT, INC.
HOMES OF MERIT, INC.
HOMES OF MERIT, INC.
HOMES OF MERIT, INC.

HWG
COA # 1028

THIRD PARTY

HILBORN, WERNER, CARTER & ASSOCIATES
1827 SOUTH WYRTLE AVE.
LAKE CITY, FL 33756

Date: 1-20-06

Dr'n: CP

Scale: NTS

Code: D (06)

FLORIDA

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4-5-06 CP

Model:

DCA C241

Print:

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INTERSECTION CROSS SECTION

CAD#: FC241-10

APPROVED APR 18 2006

HOMES OF MERIT, INC.
P.O. BOX 2097
HWY 100 EAST
LAKE CITY, FLORIDA 32056



7/16" ORIENTED STRAND BOARD (OSB), RATED SHEATHING EXP.
1-24/16 TO BE FASTENED TO TRUSSES WITH 15 GA. 7/16"
CROWN STAPLE X 1 1/2" LEG OR EQUIVALENT AT 4" O.C.
ON EDGES AND 8" O.C. IN FIELD.

FIRST THREE TRUSSES AT ENDWALL
SHALL BE DOUBLED OR SHALL BE DESIGNED
FOR END ZONE CONDITIONS

FASTEN BOTTOM CHORD TO MAIN TRUSS TOPCHORD
WITH # 10 X 3 1/2" WOODSCREWS

#8 WOOD SCREWS X 3" FASTENED 6" O.C.
ALONG RAFTER TOP CHORD INTO DORMER.

ROOF INSULATION (BLOWN)

FIELD OR FACTORY
INSTALLED DORMER

STEP DOWN TRUSS @ 16" OR 24" OC

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" MINIMUM INTO ADJACENT MODULE
TRUSS.

2x4 SPF#3 GABLE ENDWALL

2x4 SPF#3 LADDER OVERHANG

LISTED ENGINEERED TRUSSES AT
16" OR 24" O.C. PER DCA PACKAGE
LISTED ROOF TRUSS DESIGN LOADS:
LIVE LOAD 20 PSF TOP CHORD
DEAD LOAD 6 PSF TOP CHORD
LIVE LOAD 10 PSF BOTTOM CHORD
DEAD LOAD 5 PSF BOTTOM CHORD

RIDGEBEAM BASED ON SPAN SIZE

CEILING INTERIOR FINISH
SEE STANDARD CROSS SECTION

SHOWN W/VAULTED CEILING

FIRESTOPPING
AT EXTERIOR
WALL CONNECTION

STRUCT: SHEATHING
ATTACHED TO LEFT MODULE

WALL INTERIOR FINISH

MARRIAGE WALL STUDS -
MIN 2x3 SPF #3 AT 16" O.C.

BOTTOM PLATE MIN 2x3 SPF #3

SITE INSTALL
MIN. 3/8" X 5" LAG SCREWS
STAGGERED FROM SIDE TO SIDE
AT 32" O.C. MINIMUM. LAG
SCREWS MUST PENETRATE
1" MINIMUM INTO ADJACENT
MODULE RIM JOIST.

FLOOR JOISTS 2x10 SYP #2 AT 16" O.C

SEE STANDARD CROSS SECTION FOR BUILD.

GENERAL CROSS SECTION NOTES

1. ALL LAG SCREWS AND BOLTS MUST COMPLY
WITH ASTM A307, ANSI/ASME B 18.2.1
2. SEE FOUNDATION PLAN FOR PIER, FOUNDATION WALL
AND TIE DOWN ANCHORAGE LOCATIONS, ORIENTATIONS
AND SPECIFICATIONS.

INTERIOR FINISH MATERIAL

CEILING - 1/2 INCH, HIGH STRENGTH, REINFORCED
TYPE GYPSUM BOARD, APPROVED FOR
WET FINISH APPLICATION, INSTALLED PER
MANUFACTURERS SPECIFICATIONS.
(POPCORN FINISH)

WALL - 3/8 INCH MINIMUM GYPSUM BOARD
3/8 INCH MINIMUM VINYL COVER
GYPSUM BOARD IN BATHROOMS.
3/8" MIN GYP W/16" o/c STUDS
1/2" MIN GYP W/24" o/c STUDS

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

EXTERIOR FINISH MATERIAL

ROOF - CERTAINTED FIRESCREEN +2000 SHINGLES
ASTM D3462, U/L 790, 997, MIAMI DADE
ACCEPTED. (NO. 940516.15), TYPE 1 CLASS A,
INSTALLED PER MAUFACTURERS SPECIFICATIONS
OR EQUIVALENT. SHINGLES SHALL BE INSTALLED
OVER 15# FELT, 2 LAYERS FOR PITCHES UP TO
4/12 AND 1 LAYER FOR 4/12 AND STEEPER.

WALL - 5/8" T-11 APA RATED PANEL SIDING
OR VINYL HORIZONTAL LAP
SIDING INSTALLED PER
MANUFACTURER'S SPECIFICATIONS.
BRICK VENEER, STUCCO, OR OTHER
APPROVED FINISH SITE INSTALLED
BY OTHERS, SUBJECT TO LOCAL APPROVAL.

FASTEN INNER 2x10 RIM TO JOIST W/6-16d
NAILS or 8-15ga. x 2 1/2" STAPLES.

2x10 JOIST (MIN)

OUTER 2x10 RIM FASTENED TO INTER RIM W/16d
NAILS 10" o/c STAGGERED TOP AND BOTTOM or
15ga. x 2 1/2" STAPLES @ 6" o/c TOP AND BOTTOM.

CROSS SECTION without STEEL FRAME

INSTALL SIMPSON H-10 TIES
TRUSS TO TOP PLATE OR EQUIVALENT

TRUSSES AT
24" o/c. MAX.

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.

DOUBLE TOP PLATE DETAIL

ROBERT E. GREGG
REGISTERED ARCHITECT
8320 CHESTNUT ST.
CLEARWATER, FL 33756
PHONE: (727)-796-8774
FAX: (727)-791-6942

LISTING
AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE
FLORIDA MANUFACTURED BUILD-
ING ACT OF 1979 CONSTRUCTION
CODE AND ADHERE TO THE FOL-
LOWING CRITERIA

CONST. TYPE VB
OCCUPANCY R-3
ALLOWABLE NO. OF FLOORS 1
WIND VELOCITY 130
FIRE RATING OF EXT. WALLS 0
PLAN NO. 2201-0152F
ALLOW. FLOOR LOAD 40

APPROVAL DATE 4-18-06
MANUFACTURER/HOMESOFMERIT
HIGH VELOCITY HURRICANE ZONE NO

HOMES
COA # 1025

THIRD PARTY

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



HOMES OF MERIT, INC.
P.O. BOX 2097
HWY 100 EAST
LAKE CITY, FLORIDA 32056

PAGE 11
2201-0152F

Date: 1-20-06

Dr'n: CP

Scale: NTS

Code: D (06)

FLORIDA

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Model:

DCA C241

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INTERSECTION CROSS SECTION

CAD#: FC241-11

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