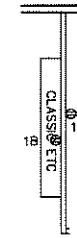


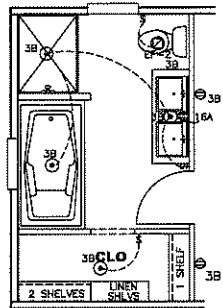
CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER
LIGHT/RECP	1A,1B,3A,3B	14-2	15-SP	WATER HEATER	4A,6B	SEE NOTE #8		BATHROOM	16A	12-2	20-SP
KITCHEN/DINING	2A,2B	12-2	20-SP	RANGE	5B,7A	SEE NOTE #8		OPT G/DISP	9B	SEE NOTE #8	
WASHER	12A	12-2	20-SP	OPT GAS RANGE	15B	SEE NOTE #8		OPT SPA/ WF/JAC	11A,B	SEE NOTE #8	
DRYER	5A,7B	SEE NOTE #8		FURNACE	6A,8A,B,10A,B	SEE NOTE #8		FREEZER	13A	SEE NOTE #8	
				OPT D/WASH	9A	SEE NOTE #8					
				SMOKE ALARM	4B	SEE NOTE #8					

OPT.

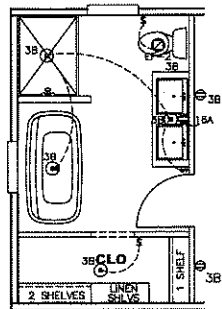
OPT.



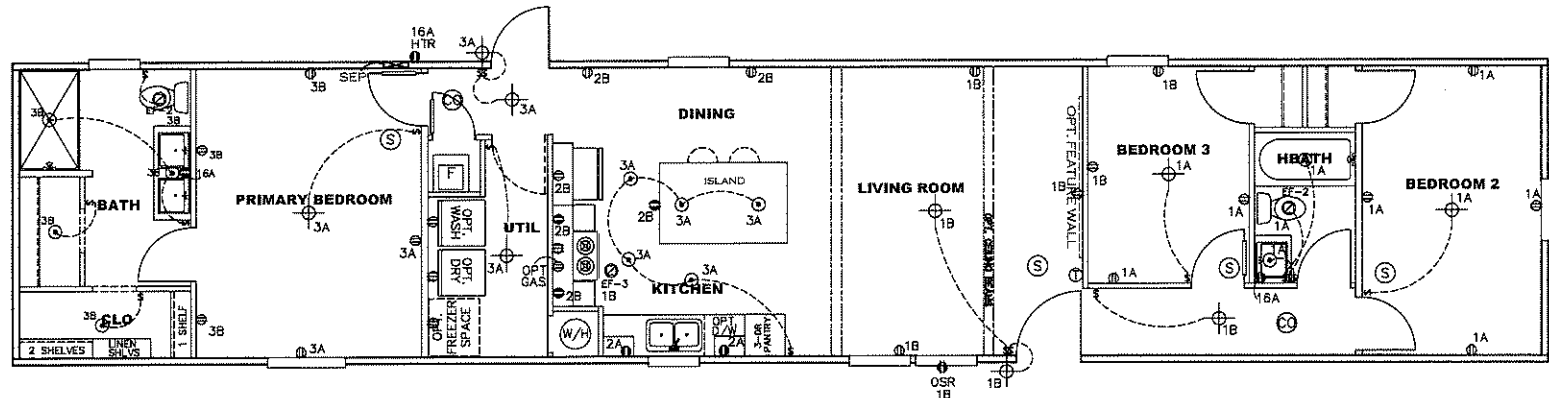
OPT. WINDOWS



OPT. BATH 2



OPT. BATH 1



NOTES:

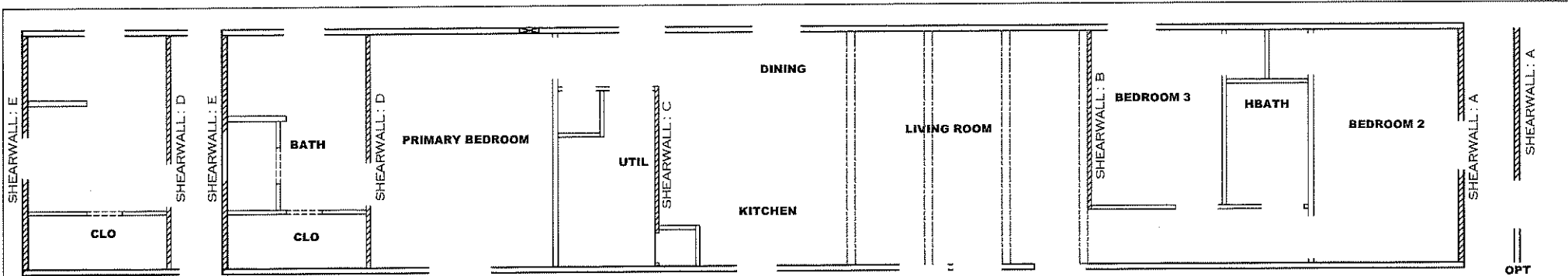
- ALL CIRCUITS SHOWN ARE FOR REFERENCE AND MAY BE CHANGED BASED ON OPTIONAL COMPONENTS INSTALLED IN THE HOME.
- REFER TO DAPIA MANUAL FOR SYMBOL CHART.
- EITHER LIGHT OR RECEPTACLE MUST CONNECT TO SWITCH.
- EF-1= 50 CFM EXHAUST FAN REQUIRED FOR THERMAL ZONE III THERMAL ZONES I & II MAY USE FAN OR WINDOW W/1.5 SQ. FT. OPENABLE GLASS.
- EF-2= 50 CFM EXHAUST FAN REQUIRED THERMAL ZONE I, II, AND III.
- EF-3= 100 CFM RANGE EXHAUST FAN, SWITCH AT HOOD.
- EF-4= WHOLE HOUSE VENTILATION REQUIREMENTS PER DAPIA MANUAL.
- REFER TO DAPIA MANUAL OR THE MFG. INSTALLATION INSTRUCTIONS FOR PROPER WIRE SIZE AND BREAKER SIZE FOR SPECIFIC APPLIANCE AND MODEL BEING INSTALLED.
- ALL SMOKE ALARMS TO BE LOCATED ON THE CEILING.
- CARBON MONOXIDE ALARMS ARE ONLY REQUIRED WHEN HOME HAS EITHER FUEL BURNING APPLIANCES, IS GARAGE READY OR IS BASEMENT READY. REFERENCE DAPIA MANUAL FOR ADDITIONAL INFORMATION.
- DIMENSIONS SHOWN ON PRINT ARE APPROXIMATE AND TO BE USED ONLY AS A GUIDELINE.

APPROVED **HWC** **APPROVED**
 12 JAN 2022
 FP-16-3004
 Federal Manufactured
 Home Construction
 And Safety Standards

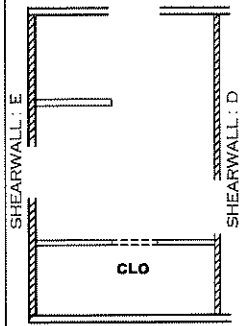
APPROVED
 3

1140 SQ.FT. (STD PLAN "CONDITIONED")
 N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

CMH MANUFACTURING	Model #: GRA16763C	Drawing #:
	Date: 1/17/22	Scale: NTS 37S127
Product Designer: PipesJ	16 x 76 Grand Living 76C	
ELECTRICAL PLAN-06		



OPT. BATH 2



OPT. BATH 1

Model # 37S127 Minimum Joist Spacing 16 "
 Box Width = 180 " Single wide No Offset Box
 Box Length = 76 ft. 95.5" 12" MIN. IBEAM No Clerestory
 No Skylights No Origami Dormer
 No Porches No Sunken Floor
 Joist Size = #2 spf 2x6 Lags 9Mx3" No Parapet Roof

Version R13.19

Wind Zone 1 Standard Roof Ceiling board only [152 plf] Chords: 2x4 SPF Stud Top Plate & 1x3 SPF Rail. Each spliced w/2x4 MCP. 96 inch sidewall
 Diaphragm Construction:

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	135.5"	162	2	1/1	Split Shearwall	67.75/67.75
B	22.88'	112"	162	2	2/1		
C	49.38'	107.5"	324	2	1/1	Island Shearwall	
E	76'	141.5"	162	2	1/1	Split Shearwall	66.75/74.75

Wind Zone 2 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 5'/10" oc. (197 plf) Chords: 2x4 SPF Stud Top Plate & 1x3 SPF Rail. Each spliced w/2x4 MCP. 96 inch sidewall
 Diaphragm Construction:

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2	% over
A	0'	135.5"	162	2	2/2	Split Shearwall	67.75/67.75	0.37
B	22.88'	120"	425	3	4/1			
C	49.38'	107.5"	515	4	4/4	Island Shearwall		
E	76'	141.5"	425	6	4/4	Split Shearwall	66.75/74.75	

Wind Zone 3 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 5'/10" oc. (197 plf) Chords: 2x4 SPF Stud Top Plate & 1x3 SPF Rail. Each spliced w/2x4 MCP. 96 inch sidewall
 Diaphragm Construction:

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	135.5"	425	6	4/4	Split Shearwall	67.75/67.75
B	22.88'	132"	425	3	4/2		
C	49.38'	107.5"	515	4	4/4	Island Shearwall	
D	67.05'	140.5"	324	3	3/3	Split Shearwall	94.5/46
E	76.01'	141.5"	162	2	1/1	Split Shearwall	66.75/74.75

Wind Zone 1 Standard Roof (197 plf) Chords: 2x4 SPF #3 Top Plate spliced w/ 12" glue block & 1x6 SPF Rail spliced w/ 2x4 MCP. 96 inch sidewall
 Diaphragm Construction:

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	135.5"	425	6	4/4	Split Shearwall	67.75/67.75
E	76'	141.5"	425	6	4/4	Split Shearwall	66.75/74.75

Model # 37S127-OPT Minimum Joist Spacing 16 "
 Box Width = 180 " Single wide No Offset Box
 Box Length = 76 ft. 95.5" 12" MIN. IBEAM No Clerestory
 No Skylights No Origami Dormer
 No Porches No Sunken Floor
 Joist Size = #2 spf 2x6 Lags 9Mx3" No Parapet Roof

Version R13.19

Wind Zone 1 Standard Roof Ceiling board only [152 plf] Chords: 2x4 SPF Stud Top Plate & 1x3 SPF Rail. Each spliced w/2x4 MCP. 96 inch sidewall
 Diaphragm Construction:

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	52"	162	2	1/1		
B	22.88'	112"	162	2	2/1		
C	49.38'	107.5"	324	2	1/1	Island Shearwall	
E	76'	141.5"	162	2	1/1	Split Shearwall	66.75/74.75

Wind Zone 2 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 5'/10" oc. (197 plf) Chords: 2x4 SPF Stud Top Plate & 1x3 SPF Rail. Each spliced w/2x4 MCP. 96 inch sidewall
 Diaphragm Construction:

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	104"	425	7	4/2		
B	22.88'	120"	425	3	4/1		
C	49.38'	107.5"	515	4	4/4	Island Shearwall	
E	76'	141.5"	425	6	4/4	Split Shearwall	66.75/74.75

Wind Zone 3 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 5'/10" oc. (197 plf) Chords: 2x4 SPF Stud Top Plate & 1x3 SPF Rail. Each spliced w/2x4 MCP. 96 inch sidewall
 Diaphragm Construction:

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	104"	425	7	4/2		
B	22.88'	132"	425	3	4/2		
C	49.38'	107.5"	515	4	4/4	Island Shearwall	
D	67.05'	140.5"	324	3	3/3	Split Shearwall	94.5/46
E	76.01'	141.5"	162	2	1/1	Split Shearwall	66.75/74.75

Wind Zone 1 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 5'/10" oc. (197 plf) Chords: 2x4 SPF #3 Top Plate spliced w/ 12" glue block & 1x6 SPF Rail. 96 inch sidewall
 Diaphragm Construction:

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	104"	425	7	4/2		
E	76'	141.5"	425	6	4/4	Split Shearwall	66.75/74.75

APPROVED
 REVISED
 25 JULY 2022
 FP-16-3004
 Federal Manufactured Home Construction And Safety Standards

1140 SQ.FT. (STD PLAN "CONDITIONED")
 N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

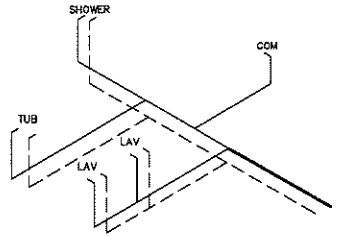
CMH MANUFACTURING
 Model #: GRA16763C Drawing #: 37S127
 Date: 1/7/22 Scale: NTS
 Product Designer: Pipes.J 16 x 76 Grand Living 76C

APPROVED

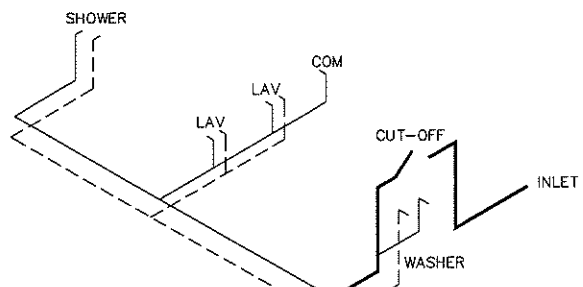
SHEARWALL PAGE

NOTE: DASHED LINES INDICATE HOT WATER
SOLID LINES INDICATE COLD WATER

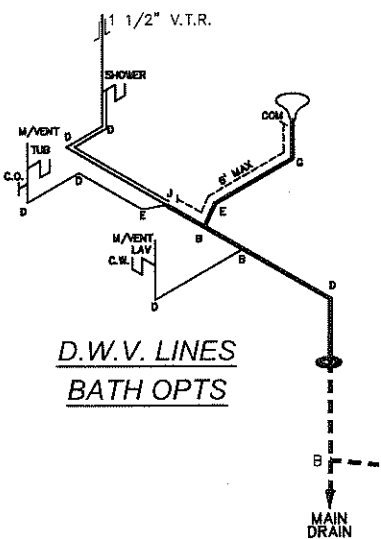
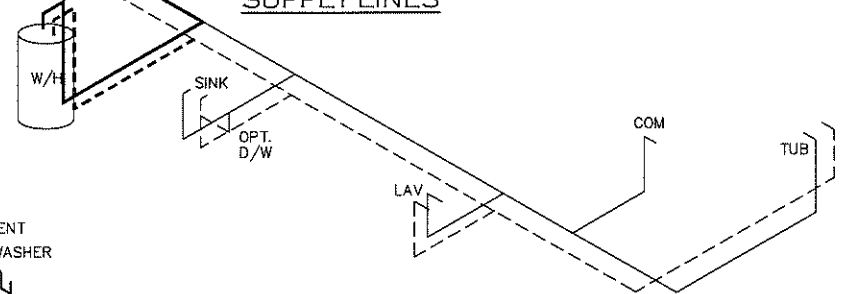
———— = 3/4"
———— = 1/2"



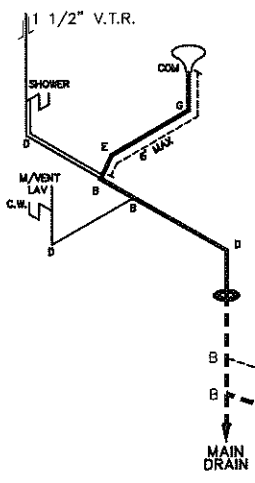
SUPPLY LINES
BATH OPTS



SUPPLY LINES



D.W.V. LINES
BATH OPTS



D.W.V. LINES

APPROVED **HWG** **APPROVED**
12 JAN 2022
FP-16-3004
Federal Manufactured
Home Construction
And Safety Standards

1140 SQ.FT. (STD PLAN "CONDITIONED")
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

LEGEND	
A	SHORT TURN T-Y
B	LONG TURN T-Y
C	1/4 BEND
D	LONG SWEEP 1/4 BEND
E	45 ELL
F	DBL SANITARY TEE
G	4x3 CLOSET ELL
H	3" DOUBLE ELL
I	22 1/2" ELL
J	45° Y
K	LONG TURN STREET ELBOW
L	45 FTG ELL

D.W.V. LINE SIZE CHART	
————	= 3"
————	= 2"
————	= 1 1/2"

CMH MANUFACTURING Product Designer: Pipes, J	Model #: GRA18763C	Drawing #:
	Date: 1/7/22	Scale: NTS 37S127
D.W.V. and Supply Lines		16 x 76 Grand Living 76C

CMH MANUFACTURING, INC.
 Home Office
 5000 Clayton Road, Maryville, TN 37804
 PH: 865.380.3000 FAX: 865.380.3781

APPROVAL STAMP

TITLE

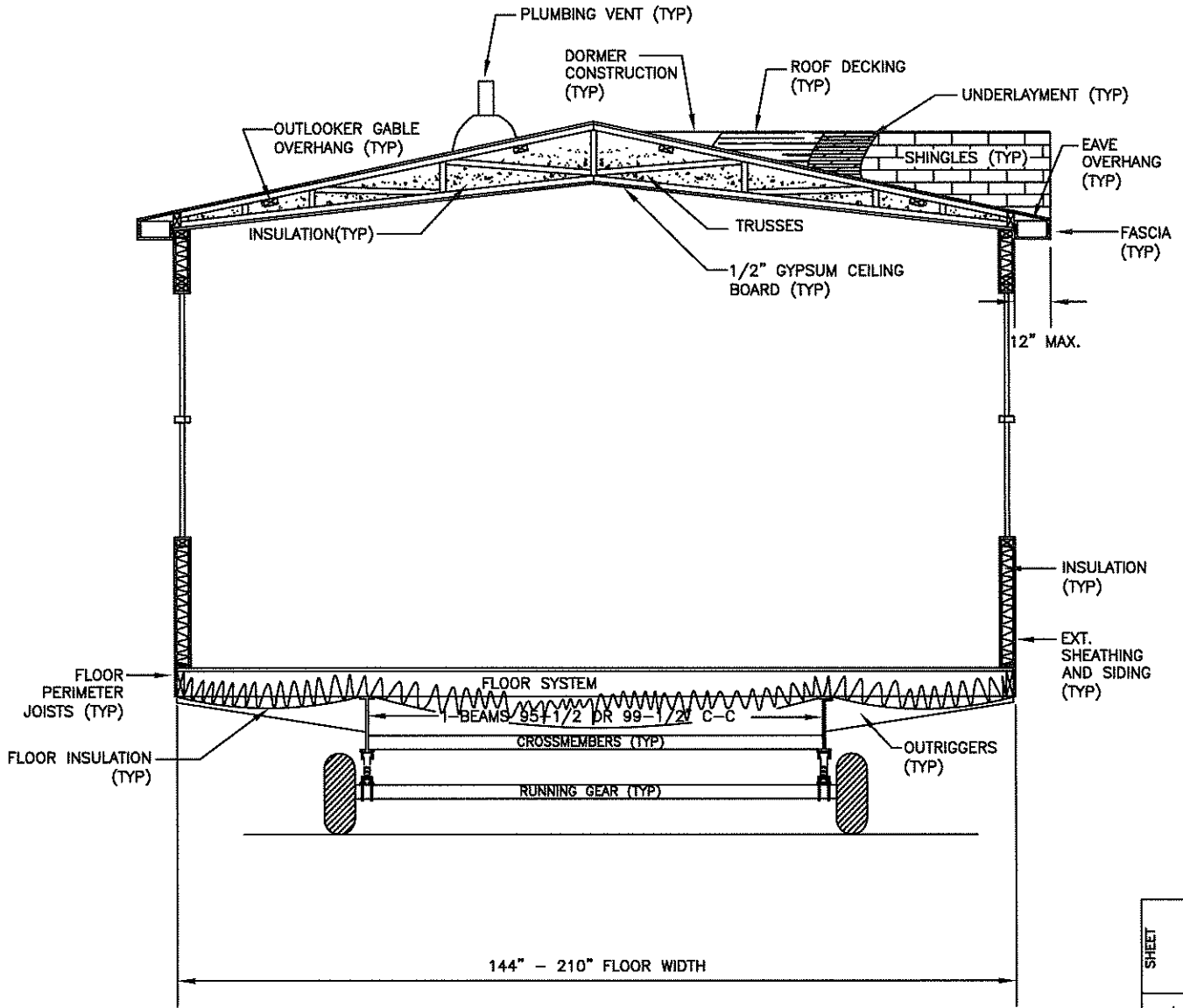
SINGLE WIDE
 CROSS-SECTION

BY
 JGM

DATE
 12/03/14

CHECKED

DATE



CROSS-SECTION^{NTS}

DWG NO. XS-1.02
 REV --
 SHEET