

1. ALL CIRCUITS SHOWN ARE FOR REFERENCE AND MAY BE CHANGED BASED ON OPTIONAL COMPONENTS INSTALLED IN THE HOME.
2. REFER TO DAPIA MANUAL FOR SYMBOL CHART.
3. EITHER LIGHT OR RECEPTACLE MUST CONNECT TO SWITCH.
4. 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.
5. EF-2= 50 CFM EXHAUST FAN REQUIRED THERMAL ZONE I, II, AND III.
6. EF-3= 100 CFM RANGE EXHAUST FAN, SWITCH AT HOOD.
7. EF-4= WHOLE HOUSE VENTILATION REQUIREMENTS PER DAPIA MANUAL.
8. REFER TO DAPIA MANUAL OR THE MFG. INSTALLATION INSTRUCTIONS FOR PROPER WIRE SIZE AND BREAKER SIZE FOR SPECIFIC APPLIANCE AND MODEL BEING INSTALLED.
9. ALL SMOKE ALARMS TO BE LOCATED ON THE CEILING.
10. 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.
11. DIMENSIONS SHOWN ON PRINT ARE APPROXIMATE AND TO BE USED ONLY AS A GUIDELINE.

APPROVED

HWC

JAN 09 2025
REVISE

FP-28-5508

Federal Manufactured Home Construction And Safety Standards

6

APPROVED

1790 SQ.FT. (STD PLAN "CONDITIONED")
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

CMH MANUFACTURING	Model #: UXL28683A	Drawing #:
	Date: 12/28/21	Scale: NTS 29m182
Product Designer: E HARDWICK	28 X 68 Ultra Excel	
ELECTRICAL PLAN-06 		



Model # 29m182-8ft

Minimum Joist Spacing 16 "

Box Width = 158 " Double wide No Offset Box
 Box Length = 68 ft. 95.5" 10" 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 R13.8

Wind Zone 1 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 5"/10" oc. (197 plf) Chords: #3 2x4 plate w/ 2x4 rail spliced w/ 12" glue block. 96 inch sidewall						
Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes
A	0 '	Full	162	2	1/1	
D	68 '	Full	162	2	1/1	
Wind Zone 2 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 5"/10" oc. (197 plf) Chords: #3 2x4 plate w/ 2x4 rail spliced w/ 12" glue block. 96 inch sidewall						
Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes
A	0 '	Full	425	2	5/5	
B	29.04 '	124 "	515	2(+1)	5/2	
D	68 '	Full	425	2	5/5	
Wind Zone 3 Standard Roof (3/8" sheathing only with 15 gax 1.5" at 5"/10" oc. (197 plf) Chords: #3 2x4 plate w/ 2x4 rail spliced w/ 12" glue block. 96 inch sidewall						
Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes
A	0 '	Full	425	2	5/5	
B	29.04 '	Full	425	2	3/3	
C	51.42 '	112 "	425	3	4/1	

APPROVED **RWC** **APPROVED**
 REVISED
 27 APR 2023
 FP-28-5508
 Federal Manufactured
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 And Safety Standards

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CMH MANUFACTURING	Model #: UXL28683A	Drawing #:
	Date: 1/2/2021	Scale: NTS 29m182
Product Designer: E HARDWICK		28 X 68 Ultra Excel
8' SHEARWALL		REVISION ECR-3535 4/6/23 EH

APPROVED

HWC

JULY 31 2024

REVISED

FP-28-5508

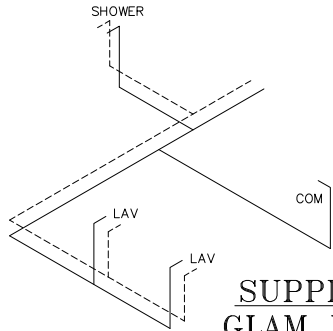
Federal Manufactured
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And Safety Standards

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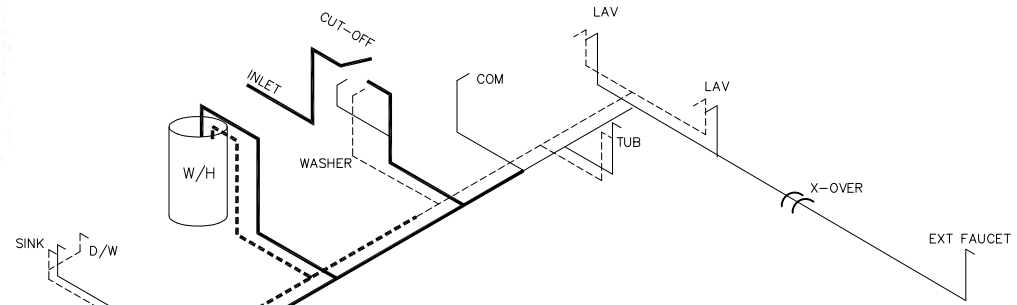
APPROVED

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

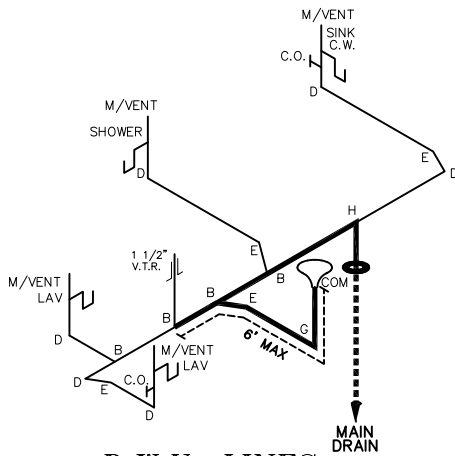
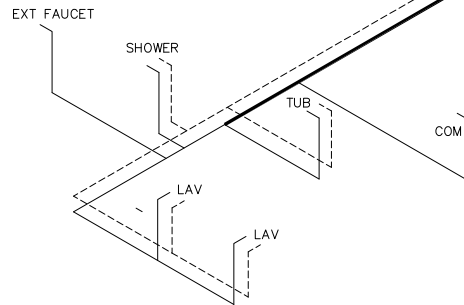
— = 3/4"
— = 1/2"



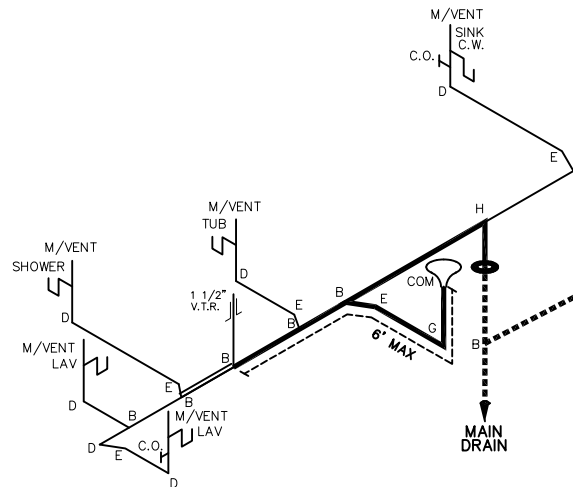
SUPPLY LINES
GLAM BATH OPT



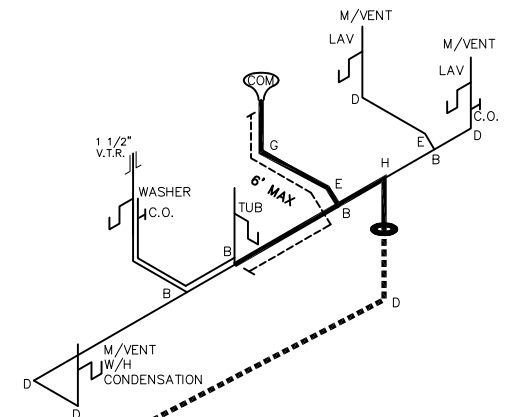
SUPPLY LINES



D.W.V. LINES
GLAM BATH OPT



D.W.V. LINES



DWV LINE SIZE CHART

— = 3"
— = 2"
— = 1 1/2"

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	DOUBLE ELL
I	22 1/2" ELL
J	45° Y
K	LONG TURN STREET ELBOW
L	45 FTG ELL

1790 SQ.FT. (STD PLAN "CONDITIONED")
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CMH MANUFACTURING	Model #: UXL28683A	Drawing #:
	Date: 12/28/21	Scale: NT5
Product Designer: E HARDWICK		28 X 68 Ultra Excel
D.W.V. and Supply Lines		5 REVISION RCR-5457 7.12.24 BF