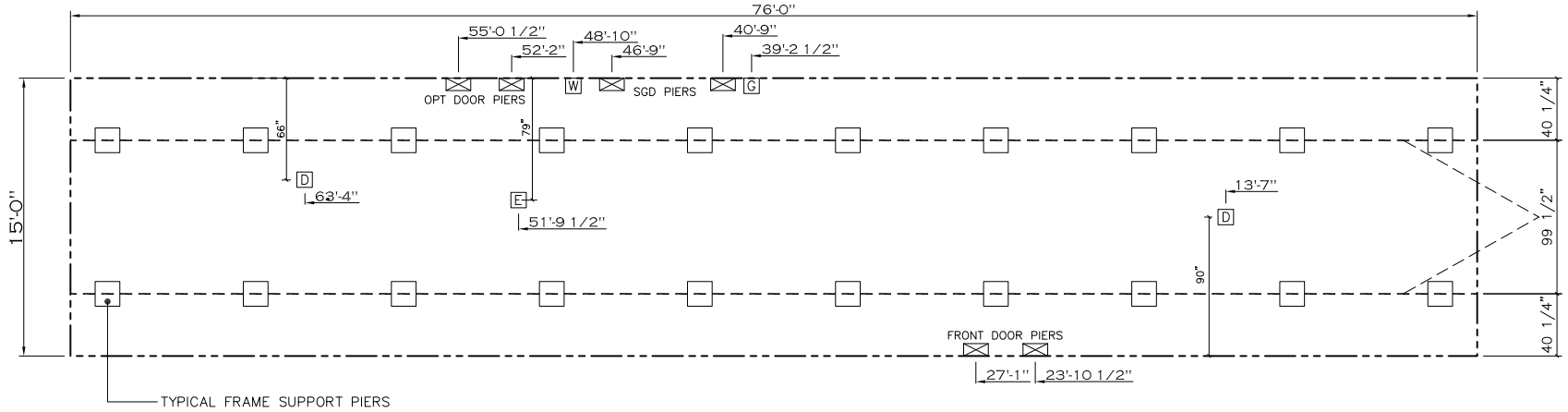
20 lb ROOF LOAD SIDEWALL OPENING PIER LOAD 16' BOX WIDTH	SIDEWALL OPENING (FT) REQUIRED PIER LOAD (LBS)					
	3	4	5	6	8	10
	1244	1413	1581	1750	2088	2425

*FOR 30 lb & 40 lb ROOF LOAD REFER TO TABLES 7 & 7a IN THE INSTALLATION MANUAL.



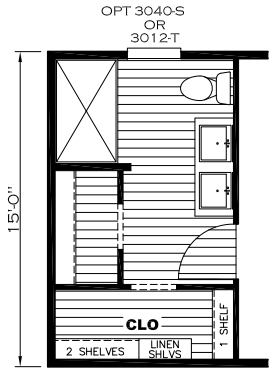
SERVICE DROP LEGEND
E = ELECTRICAL DROP
W = WATER INLET
D = DWV PLUMBING DROP
G = GAS INLET

PIER LEGEND
□ = PIER MAIN BEAM
⊠ = PIER PERIMETER
▩ = PIER PORCH/RECESSED ENTRY

NOTES:
1. REFER TO TABLES 6 AND 6a IN THE INSTALLATION MANUAL FOR LOAD ON FRAME PIER FOOTINGS FOR HOMES THAT DO NOT REQUIRE PERIMETER BLOCKING. REFER TO TABLES 7 AND 7a IN THE INSTALLATION MANUAL FOR LOAD ON FRAME PIER FOOTINGS FOR HOMES THAT REQUIRE PERIMETER BLOCKING. REFER TO TABLES 10 AND 10a TO DETERMINE FOOTING SIZE FOR ALL PIERS.
2. REFER TO TABLE 9 FOR PIER CONFIGURATION AND MAXIMUM ALLOWABLE HEIGHTS. CROSS REFERENCE THE PIER HEIGHT WITH THE MAXIMUM ALLOWABLE FLOOR HEIGHT LISTED IN THE FRAME TIEDOWN CHARTS (TABLE 18, 19, AND 20).
3. THE MAXIMUM SPACING FOR 8" I-BEAMS IS 8 FEET, 10" & 12" I-BEAMS IS 10 FEET.
4. SERVICE DROP LOCATIONS IDENTIFIED ARE APPROXIMATE.
5. FLOOR WIDTH SHOWN IS FOR STANDARD PRODUCT ONLY. CONTACT THE MFG FACILITY FOR SPECIFICATIONS OF OPTIONS ORDERED.

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

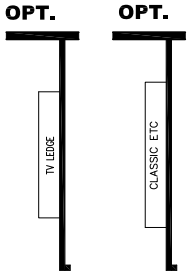
Clayton Built	Model #: ANN16763C	Drawing #: 375160
	Date: 6/20/23 Scale: NTS	
Product Designer: E. HARDWICK	16 x 76 Anniversary Choice	
FRAME PIERS		

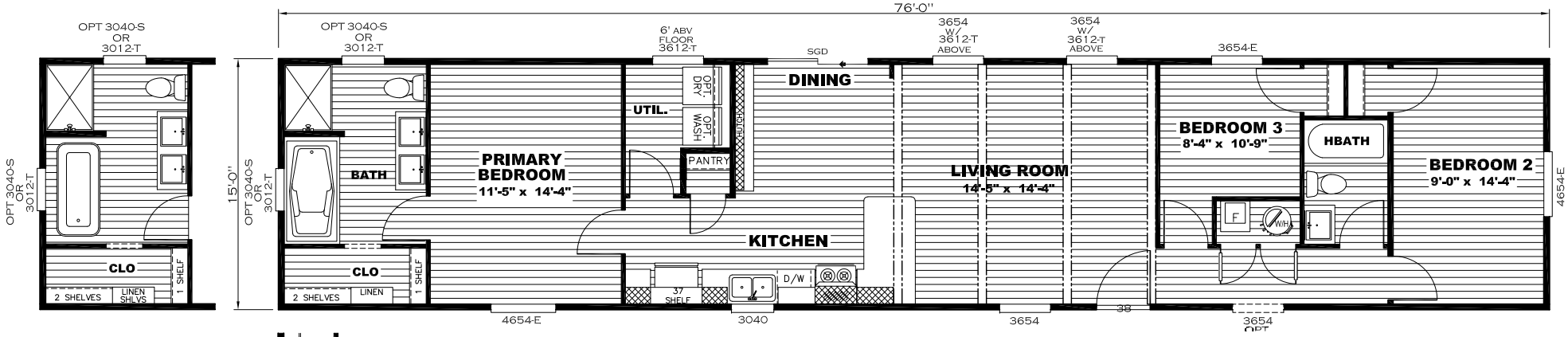


BATH OPT. 2

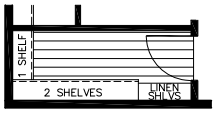


OPT. DOOR & WINDOWS





BATH OPT.



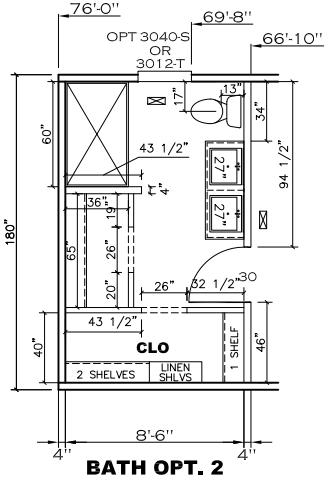
OPT CLOSET

16 x 76 Anniversary Choice

Drawing #:

375160

Model #: ANN16763C



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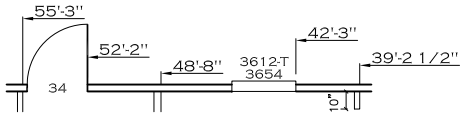
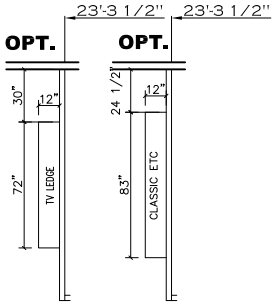
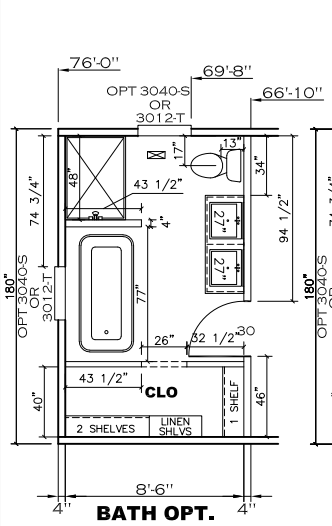
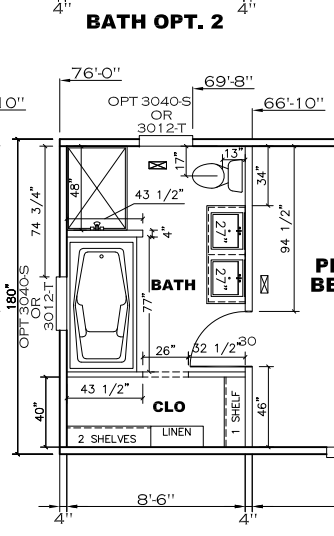


OPT. DOOR & WINDOWS

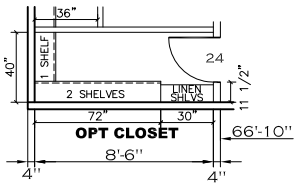




BATH OPT.

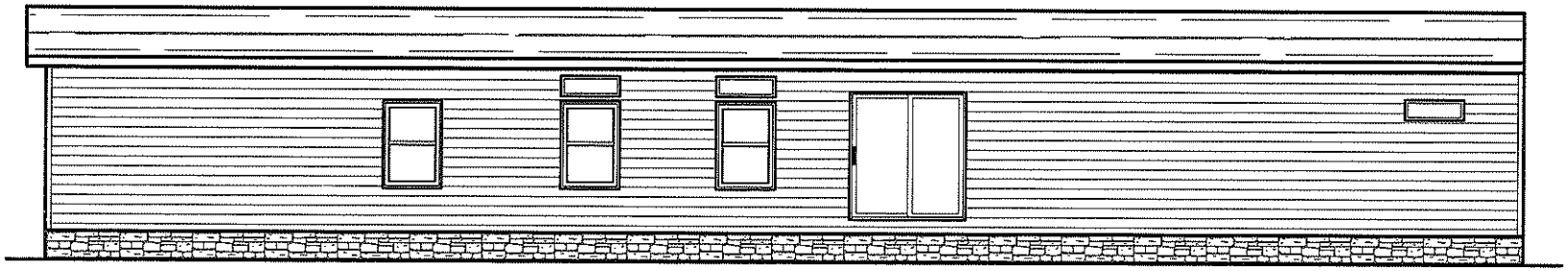


TRANSOMS INSTALLED 6' A.F.F.

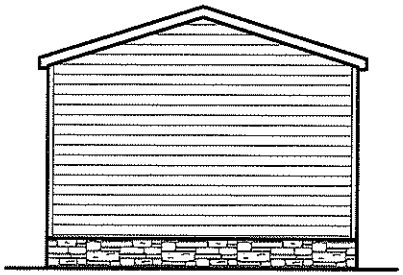


1140 SQ.FT. (STD PLAN "CONDITIONED")
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

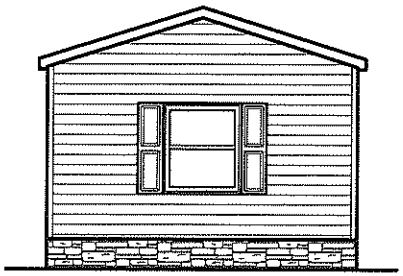
Clayton Built	Model #: ANN16763C	Drawing #: 375160
	Date: 6/20/23 Scale: NTS	
Product Designer: E. HARDWICK	16 x 76 Anniversary Choice	
FLOOR PLAN		



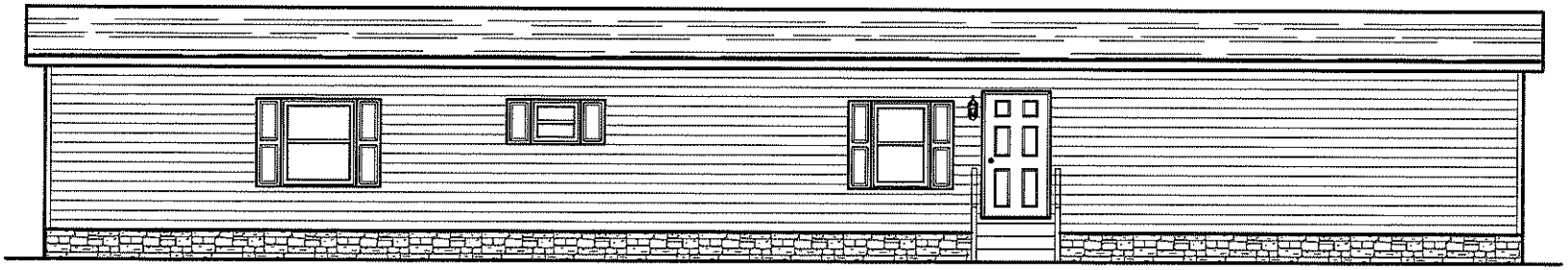
REAR ELEVATION



LEFT ELEVATION



RIGHT ELEVATION



FRONT ELEVATION

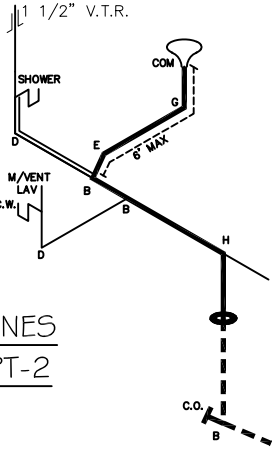
1140 SQ.FT. (STD PLAN "CONDITIONED")
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

CMH MANUFACTURING	Model #: ANN16763C		Drawing #: 375120
	Date: 9/20/21	Scale: NTS	
Product Designer: E. HARDWICK	16 x 76 Anniversary Choice		
ELEVATION			

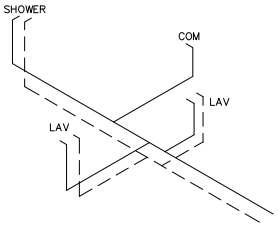
NOTE:
DASHED LINES INDICATE HOT WATER
SOLID LINES INDICATE COLD WATER

= 3/4"
= 1/2"

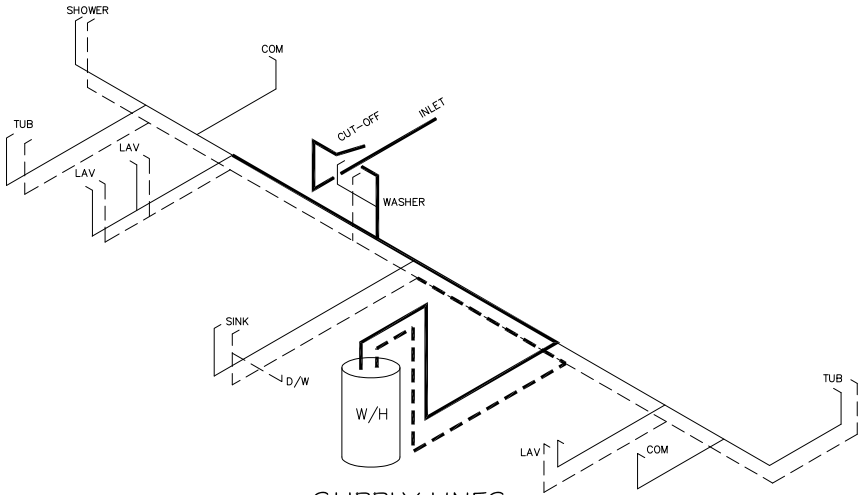
MDL: 10.5 FEET – 3/4"
MDL: 58 FEET – 1/2"
GALLON VOLUME: 0.73



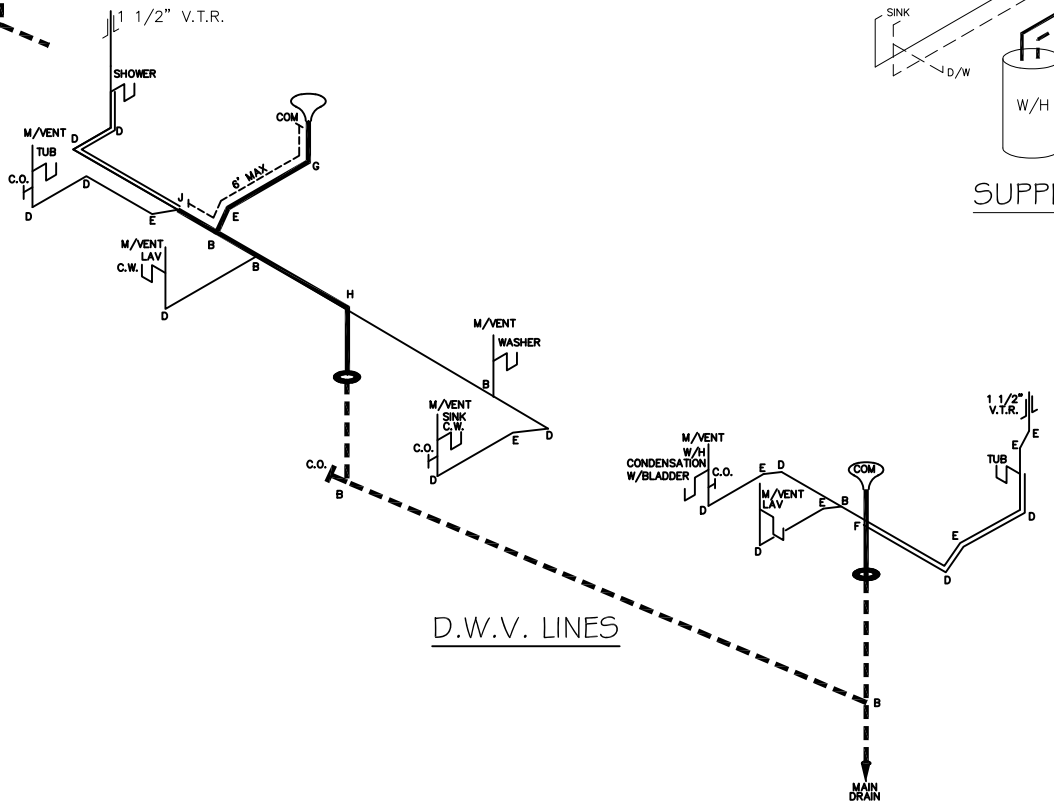
D.W.V. LINES
BATH OPT-2



SUPPLY LINES
BATH OPT-2



SUPPLY LINES



D.W.V. LINES

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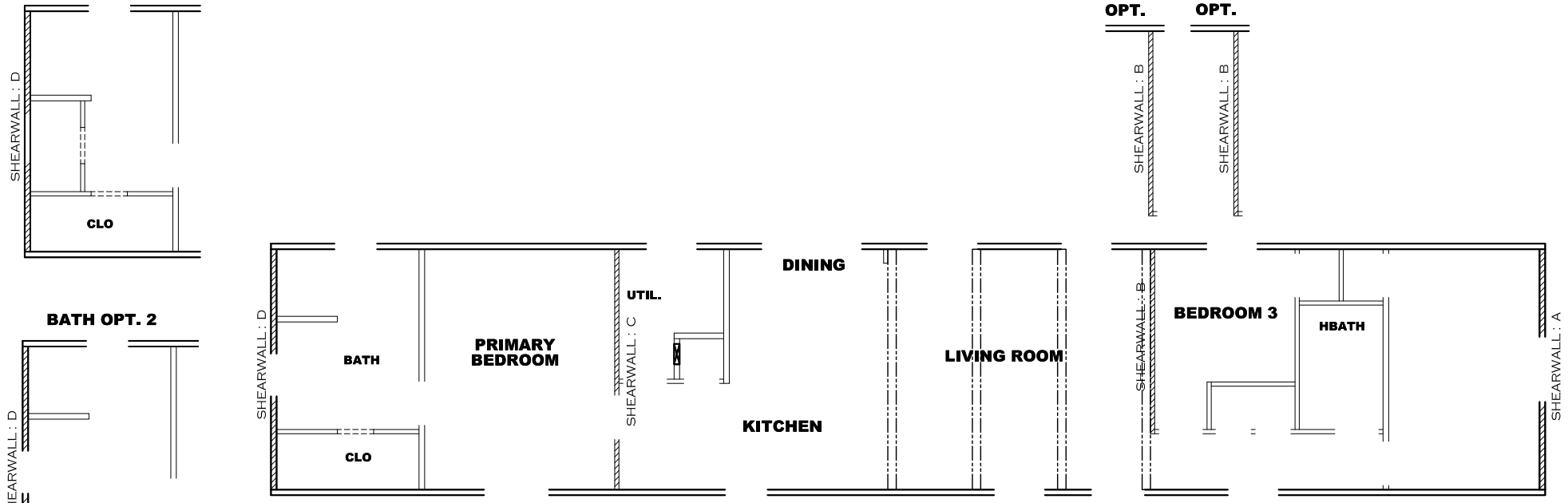
LEGEND	
A	SHORT TURN T-Y
B	LONG TURN T-Y
C	1/4 BEND
D	LONG SWEEP 1/4 BEND
E	45 ELL
F	DBL. SANITARY TEE
G	4x3 CLOSET ELL
H	DOUBLE ELL
I	22 1/2° ELL
J	45° Y
K	LONG TURN STREET ELBOW
L	45 FTG ELL

DWV LINE SIZE CHART

= 3"
= 2"
=1 1/2"

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

Clayton Built	Model #: ANN16763C	Drawing #: 375160
	Date: 6/20/23 Scale: NTS	
Product Designer: E. HARDWICK	16 x 76 Anniversary Choice	
D.W.V. and Supply Lines		



Model # 37S160 Minimum Joist Spacing 16 "

Box Width =	180 "	Single wide	No Offset Box
Box Length =	76 ft.	99.5" 10" MIN.IBEAM	No Clerestory
No Skylights			No Origami Dormer
No Porches			No Sunken Floor
Joist Size =	#2 sp 2x6	Lags 9Mx3"	No Parapet Roof

Version R14.00

Wind Zone 1 Standard Roof — 7/16" Rated Sheathing and Ceiling Board with 15 ga staple @ 6/12 (286,315) Chords: 2x4 SPF #3 Top Plate spliced w/2x4 MCP & 2x3 SPF Rail spliced w/ 2x4 MCP — 96 inch sidewall

Diaphragm Construction: Block Dist. X=0'

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0 '	125.5 "	430	2	4/4	Split Shearwall *	62.75/62.75
D	76 '	141.5 "	430	4	4/4	Split Shearwall	66.75/74.75

Wind Zone 2 Standard Roof — 7/16" Rated Sheathing and Ceiling Board with 15 ga staple @ 6/12 (286,315) Chords: 2x4 SPF #3 Top Plate spliced w/2x4 MCP & 2x3 SPF Rail spliced w/ 2x4 MCP — 96 inch sidewall

Diaphragm Construction: Block Dist. X=0'

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0 '	125.5 "	430	2	4/4	Split Shearwall *	62.75/62.75
B	23.42 '	128 "	430	3	4/1		
C	55.38 '	140.5 "	430	4	4/4	Split Shearwall	104.5/36
D	76 '	141.5 "	162	2	2/2	Split Shearwall	66.75/74.75

Wind Zone 3 Standard Roof — 7/16" Rated Sheathing and Ceiling Board with 15 ga staple @ 6/12 (286,315) Chords: 2x4 SPF #3 Top Plate spliced w/2x4 MCP & 2x3 SPF Rail spliced w/ 2x4 MCP — 96 inch sidewall

Diaphragm Construction: Block Dist. X=1.1'

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	
A	0 '	125.5 "	430	2	4/4	Split Shearwall *	62.75/62.75
B	23.33 '	128 "	520	4	5/2		
C	52.5 '	140.5 "	430	4	4/4	Split Shearwall	104.5/36
D	72 '	141.5 "	162	2	2/2	Split Shearwall	66.75/74.75

Wind Zone 1 Standard Roof — 7/16" Rated Sheathing and Ceiling Board with 15 ga staple @ 6/12 (286,315) Chords: 2x4 SPF #3 Top Plate spliced w/2x4 MCP & 2x3 SPF Rail spliced w/ 2x4 MCP — 96 inch sidewall

Diaphragm Construction: Block Dist. X=0'

Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0 '	125.5 "	162	2	2/2	Split Shearwall *	62.75/62.75
C	52.5 '	140.5 "	430	4	4/4	Split Shearwall	104.5/36
D	72 '	141.5 "	162	2	1/1	Split Shearwall	66.75/74.75

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AUG 28 2025

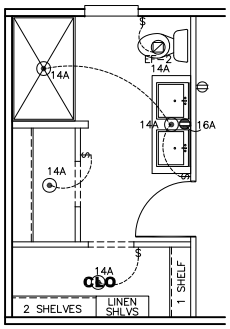
Federal Manufactured Home Construction And Safety Standards 6

37s160-SW-N

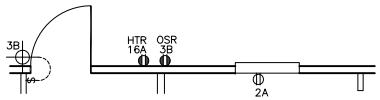
1140 SQ.FT. (STD PLAN "CONDITIONED")
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

Clayton Built | Model #: ANN16763C | Drawing #: 375160 | Date: 6/20/23 | Scale: NTS | Product Designer: E. HARDWICK | 16 x 76 Anniversary Choice

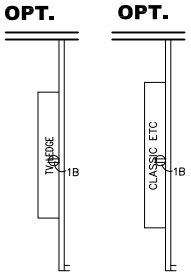
SHEARWALL PAGE

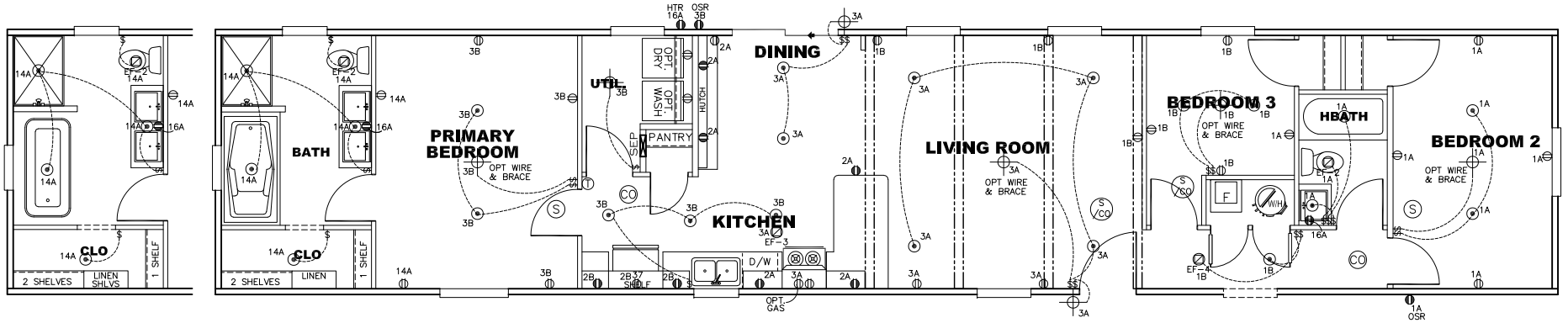


BATH OPT. 2

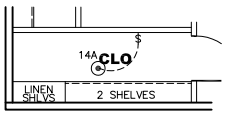


OPT. DOOR & WINDOWS





BATH OPT.



OPT CLOSET

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Federal Manufactured Home Construction And Safety Standards

6

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NOTES:

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.

CIRCUIT	CIRCUIT #	WIRE	BREAKER
LIGHT/RECEP	1A,1B,3A,3B,14A	14-2	15-SP
KITCHEN	2A,2B	12-2	20-SP
WASHER	12A	12-2	20-SP
DRYER	5A,7B	SEE NOTE #8	

CIRCUIT	CIRCUIT #	WIRE	BREAKER
WATER HEATER	4A,6B	SEE NOTE #8	
RANGE	5B,7A	SEE NOTE #8	
FURNACE	6A,8A,B,10A,B	SEE NOTE #8	
OPT D/WASH	9A	SEE NOTE #8	
SMOKE ALARM/CO	4B	SEE NOTE #8	

CIRCUIT	CIRCUIT #	WIRE	BREAKER
BATHROOM	16A	12-2	20-SP
OPT G/DISP	9B	SEE NOTE #8	
OPT SPA/ WP/JAC	11A,B	SEE NOTE #8	
FREEZER	N/A	SEE NOTE #8	

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

	Model #: ANN16763C	Drawing #: 375160
	Date: 6/19/25 Scale: NTS	
Product Designer: E. HARDWICK	16 x 76 Anniversary Choice	
ELECTRICAL PLAN-06		