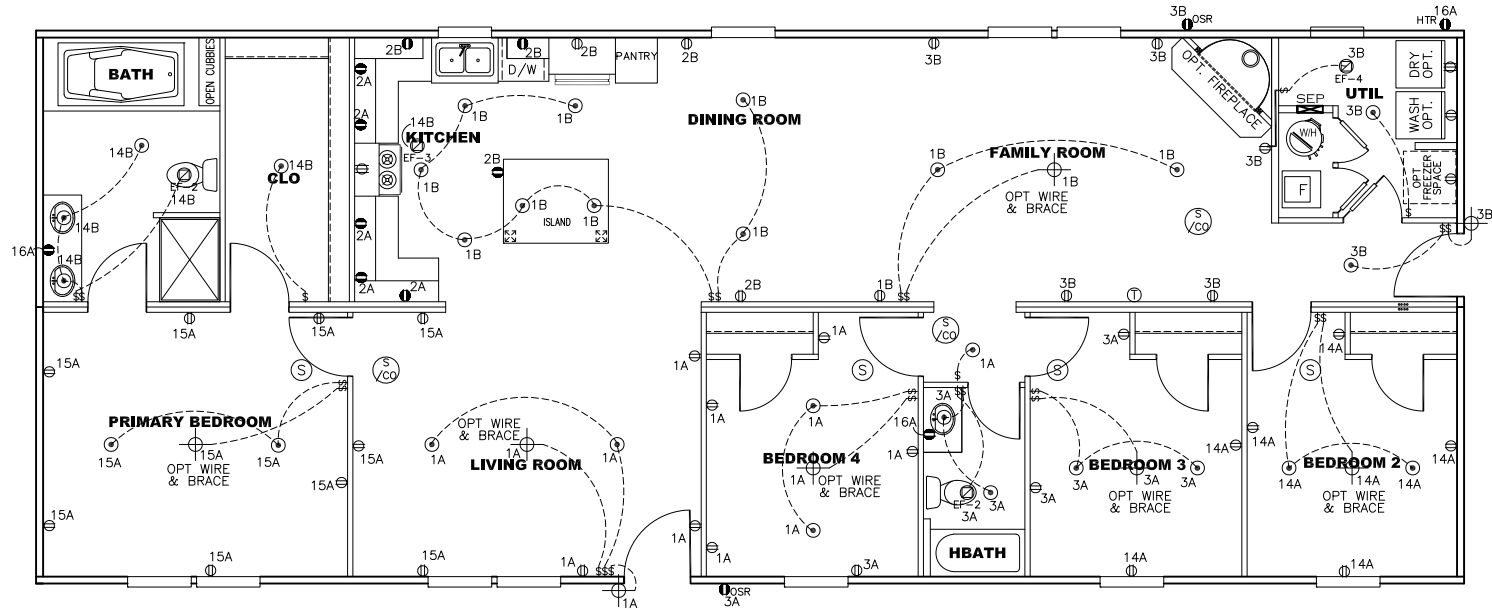
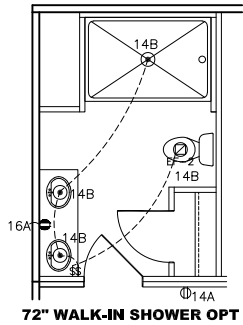


NOTES:

- 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.

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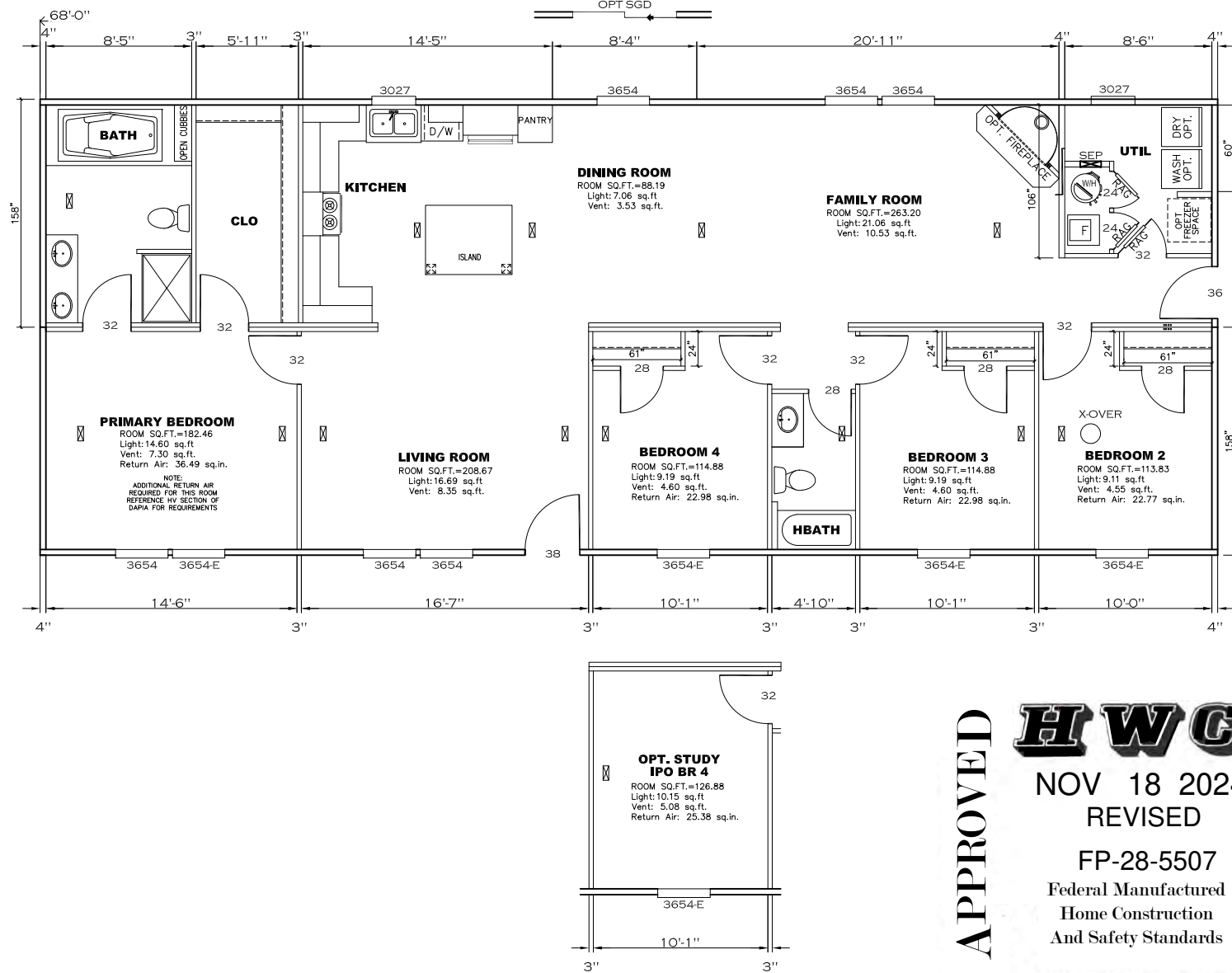
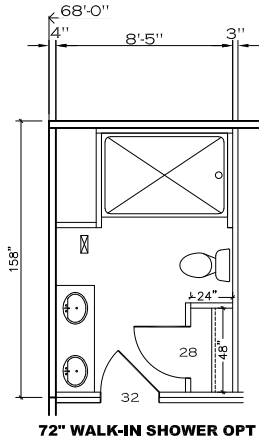
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1790 SQ.FT. (STD PLAN "CONDITIONED")
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

CMH MANUFACTURING	Model #: UXL28G84A	Drawing #: 29M183
	Date: 12/28/21	Scale: N.T.S.
Product Designer: D HARVILLE		28x68 Ultra Excel G84
ELECTRICAL PLAN-06		REVISION 9/10/4/24 ECR-5432 DH

CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER
LIGHT/RECEP	1A,B,3A,B,14A,B,15A	14-2	15-SP	WATER HEATER	4A,6B	SEE NOTE #8		BATHROOM	16A	12-2	20-SP
KITCHEN	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	FURNACE	6A,8A,B,10A,B	SEE NOTE #8		OPT SPA/WP/JAC	11A,B	SEE NOTE #8	
DRYER	5A,7B	SEE NOTE #8		OPT D/WASH	9A	SEE NOTE #8		FREEZER	13A	SEE NOTE #8	
				SMOKE DECT.	4B	SEE NOTE #8					

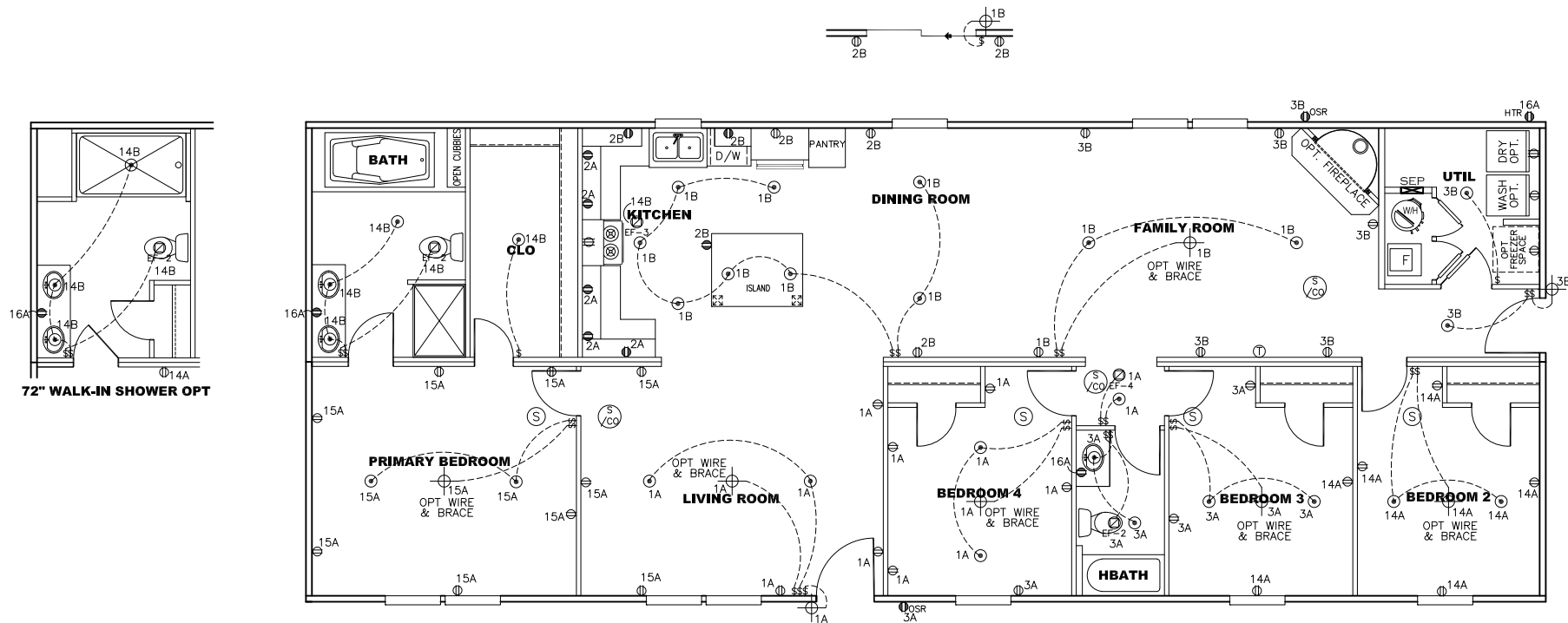


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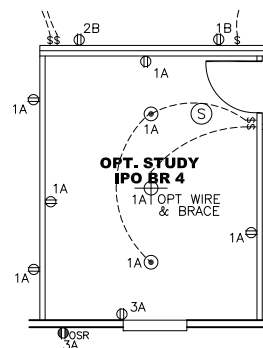
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1790 SQ.FT. (STD PLAN "CONDITIONED")		N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH MANUFACTURING	Model #: UXL28G84A	Drawing #: 29M183	
	Date: 12/28/21	Scale: N.T.S.	
Product Designer: D HARVILLE		28x68 Ultra Excel 684	
FLOOR PLAN		10 REVISION ECR-5585 11/7/24 DH	



NOTES:

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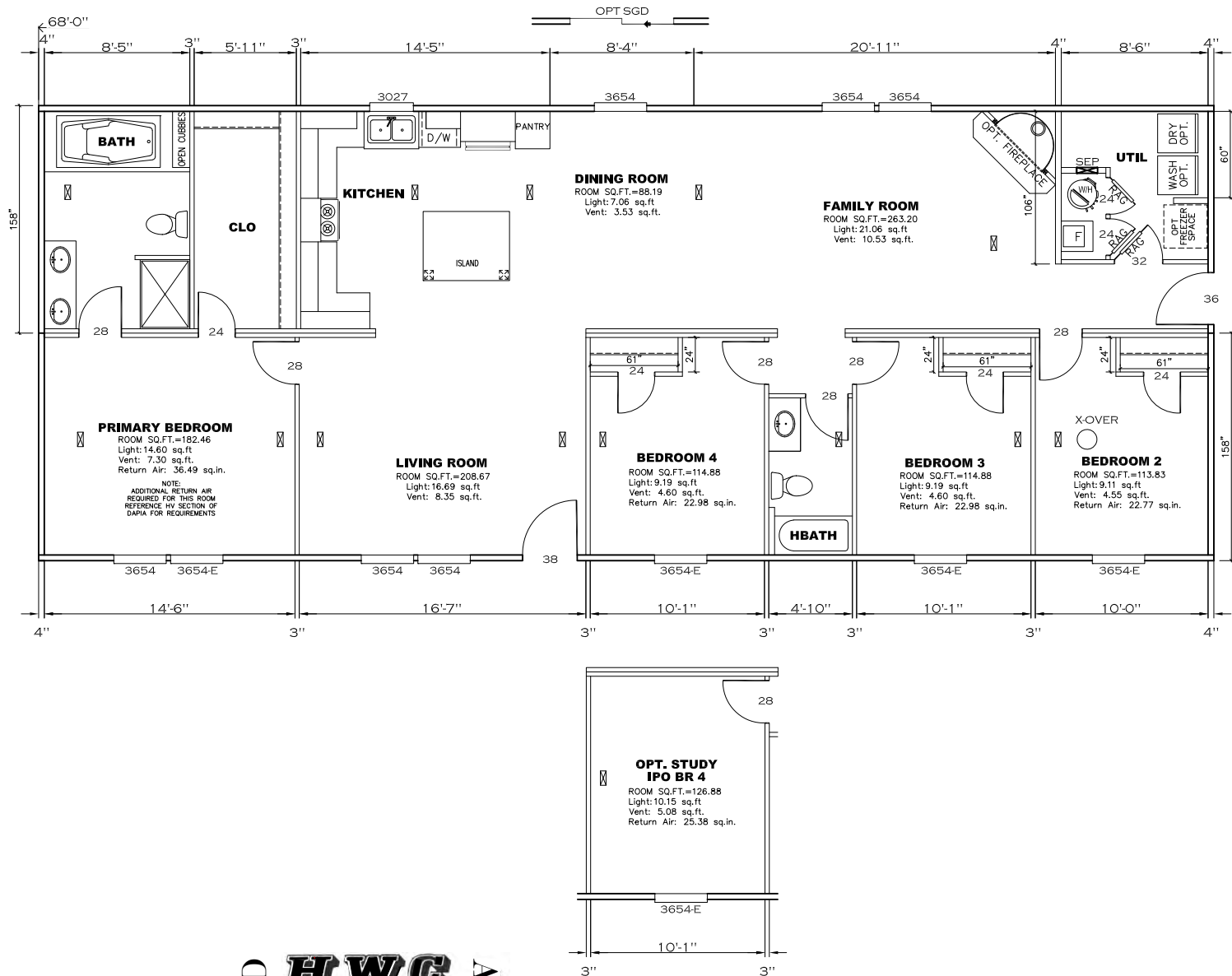
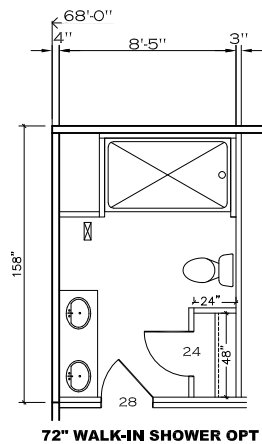
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CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER
LIGHT/RECEP	1A,B,3A,B,14A,B,15A	14-2	15-SP	WATER HEATER	4A,6B	SEE NOTE #8		BATHROOM	16A	12-2	20-SP
KITCHEN	2A,2B	12-2	20-SP	RANGE	5B,7A	SEE NOTE #8		OPT G/DISP	9B	SEE NOTE #8	
WASHER	12A	12-2	20-SP	FURNACE	6A,8A,B,10A,B	SEE NOTE #8		OPT SPA/	11A,B	SEE NOTE #8	
DRYER	5A,7B	SEE NOTE #8		OPT D/WASH	9A	SEE NOTE #8		WP/JAC			
				SMOKE DECT.	4B	SEE NOTE #8		FREEZER	1.3A	SEE NOTE #8	

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

CMH MANUFACTURING	Model #: UXL28684A	Drawing #: 29M183
	Date: 12/28/21	Scale: N.T.S.
Product Designer: E. HARDWICK		28x68 Ultra Excel 684
ELECTRICAL PLAN-06		REVISION 12/17/23 ECR-4993 BH



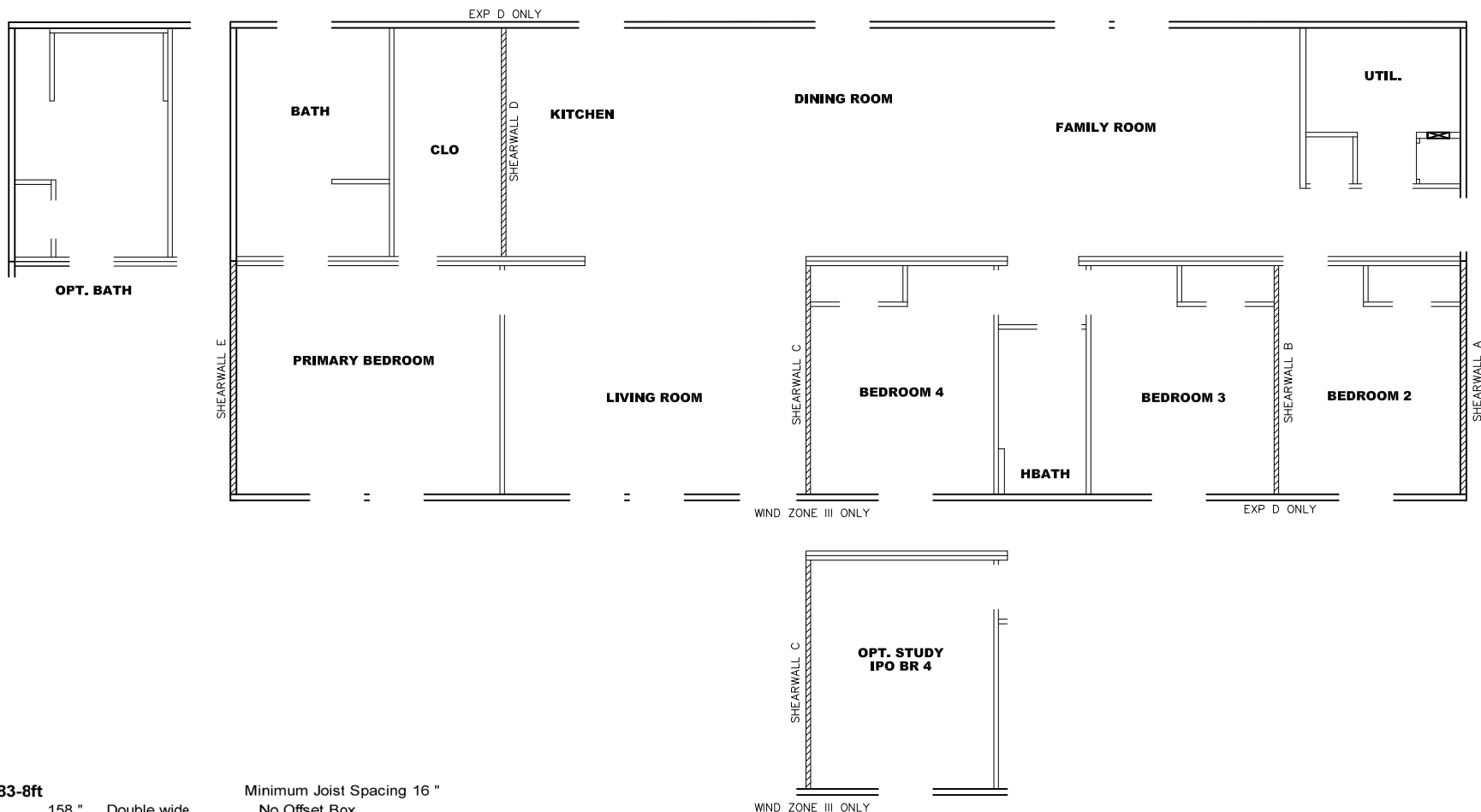
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1790 SQ.FT. (STD PLAN "CONDITIONED") N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")		Model #: UXL28684A	Drawing #:
CMH MANUFACTURING		Date: 1/2/28/21	Scale: N.T.S.
Product Designer: E. HARDWICK		29M183	
FLOOR PLAN		28x68 Ultra Excel 684	
		REVISION ECR-4381 8/1/23 EH	



Model # 29m183-8ft Minimum Joist Spacing 16 "

Box Width = 158 " Double wide No Offset Box

Box Length = 68 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 R13.8

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				
E	68 ' Full	162	2	1/1				
Wind Zone 2 Standard Roof							(3/8" & ceiling with 15 gax 1.5" at 5"/10" oc. (267 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				
E	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				
C	36.21 ' Full	515	2	4/4			0.66	
E	68 ' Full	425	2	5/5				

NOTE: WIND ZONE II – PLF 267

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Model # 29m183-8ft-EXP D Minimum Joist Spacing 16 "

Box Width = 158 " Double wide No Offset Box

Box Length = 68 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

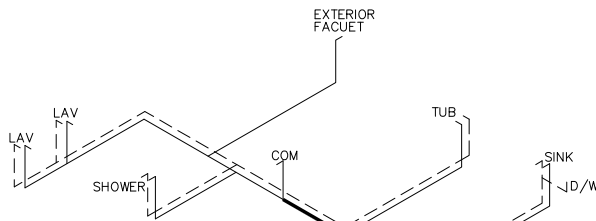
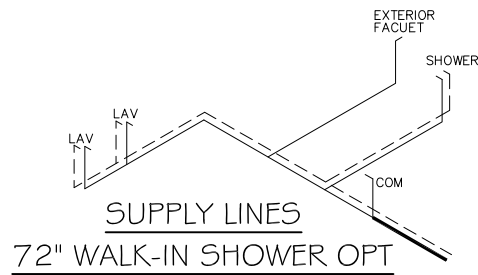
Version R13.8

WZ 3 Standard Roof Exp D							(3/8" & ceiling with 15 gax 1.5" at 5"/10" oc. (267 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	% over	
A	0 ' Full	100 "	162	2	2/1			
B	10.46 ' Full	128 "	425	2	4/1			
C	36.21 ' Full	425	2	3/3			0.66	
D	52.96 ' Full	324	2	2/2				
E	68 ' Full	140 "	162	2	2/1			

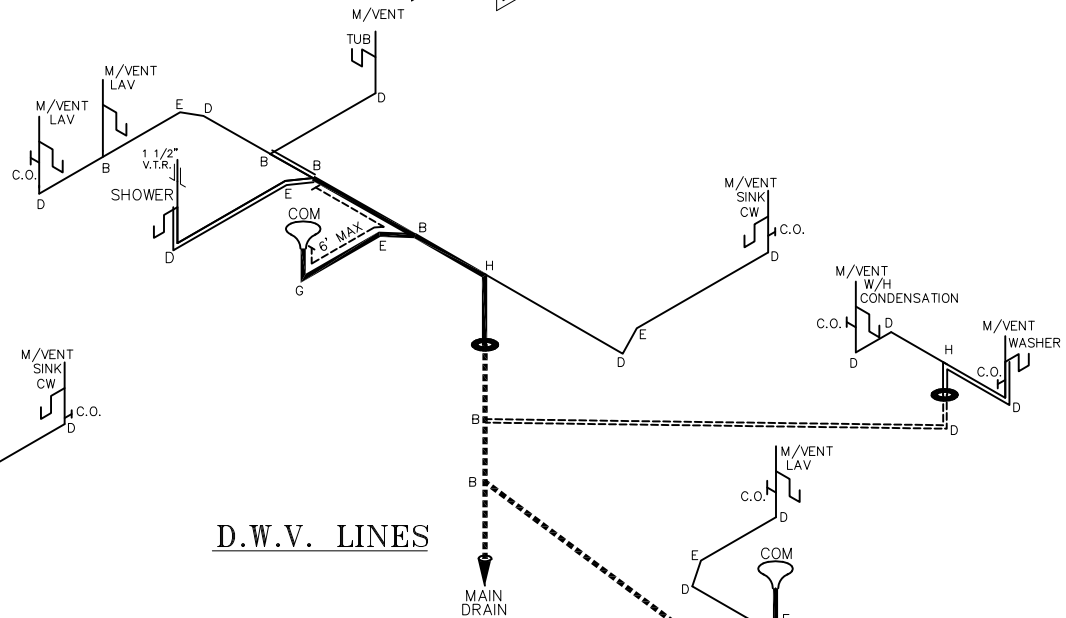
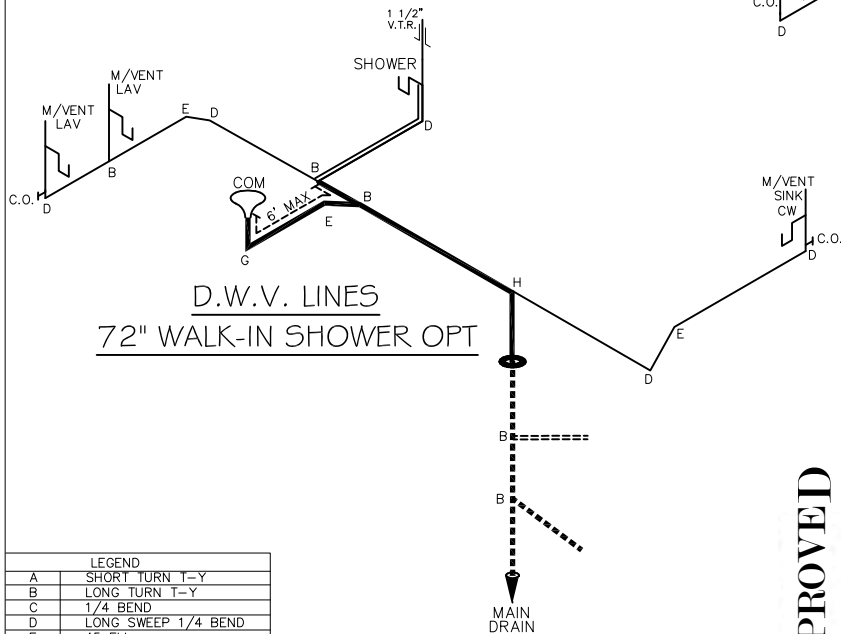
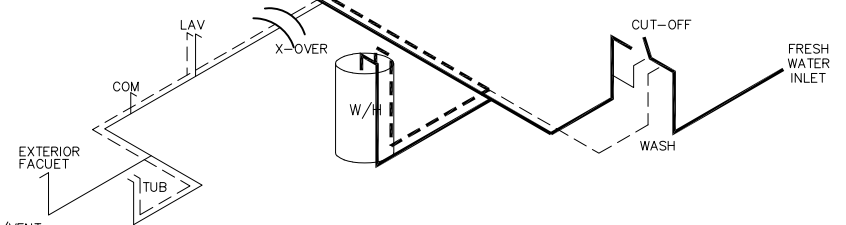
1790 SQ.FT. (STD PLAN "CONDITIONED")
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")

CMH MANUFACTURING	Model #: UXL28684A	Drawing #: 29M183
	Date: 12/28/21	Scale: N.T.S.
Product Designer: E. HARDWICK		28x68 Ultra Excel 684
8' SHEARWALL		

NOTE:
DASHED LINES INDICATES HOT WATER
SOLID LINES INDICATES COLD WATER
—— = 3/4"
—— = 1/2"



SUPPLY LINES



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

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DWV LINE SIZE CHART	
——	= 3"
——	= 2"
——	= 1 1/2"

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

CMH MANUFACTURING	Model #: UXL28684A	Drawing #:
	Date: 1/2/2021	Scale: N.T.S.
Product Designer: E. HARDWICK	29M 83	
28x68 Ultra Excel 684		
D.W.V. and Supply Lines		