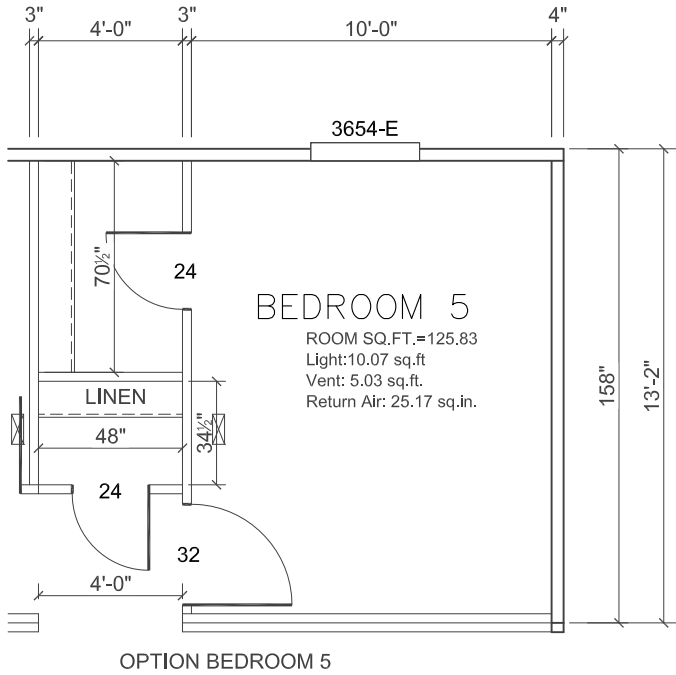
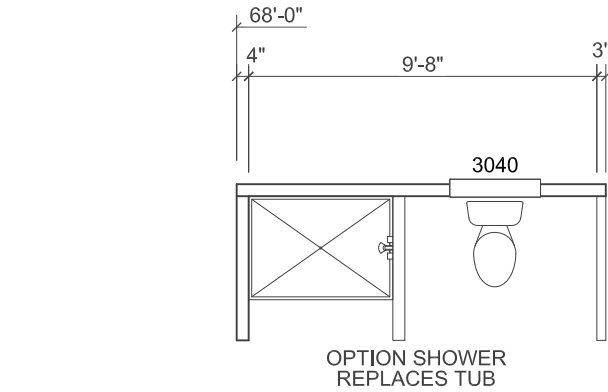


Model # 29M208 Minimum Joist Spacing 16 "

Box Width =	158 "	Double wide	No Offset Box
Box Length =	68 ft.	99.5" 12" MIN.IBEAM	No Clerestory
No Skylights			No Origami Dormer
No Porches			No Sunken Floor
Joist Size =	#2 sp 2x8	Lags 9Mx3"	No Parapet Roof

Version R13.18

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 & 2x3 Rail. Each spliced w/ 12" glue block.	96 inch sidewall
Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes		
A	0 '	Full	162	2	1/1			
C	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: 2x4 SPF #3 Top Plate & 2x3 Rail. Each spliced w/ 12" glue block.	96 inch sidewall
Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	% over	
A	0 '	112 "	425	2	4/3			
B	35.21 '	Full	425	2	2/2		0.66	
C	68 '	112 "	425	2	4/3			
Wind Zone 3 Standard Roof							(3/8" sheathing only with 15 gax 1.5" at 5"/10" oc. (197 plf) Chords: 2x4 SPF #3 Top Plate & 2x3 Rail. Each spliced w/ 12" glue block.	96 inch sidewall
Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes		
A	0 '	112 "	425	2	4/3			
B	35.21 '	Full	515	2	4/4		0.66	
C	68 '	112 "	425	2	4/3			



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THIRD PARTY SEAL



REVISION	DATE

MODEL NAME Legend 68	MODEL NO. LEG28684BH	MODEL SQ. FT. 1,790
BOX SIZE 28' x 68'		

DRAWN BY
Alex Whaley

DATE DRAWN
3/29/2024

DATE PRINTED
4/19/2024

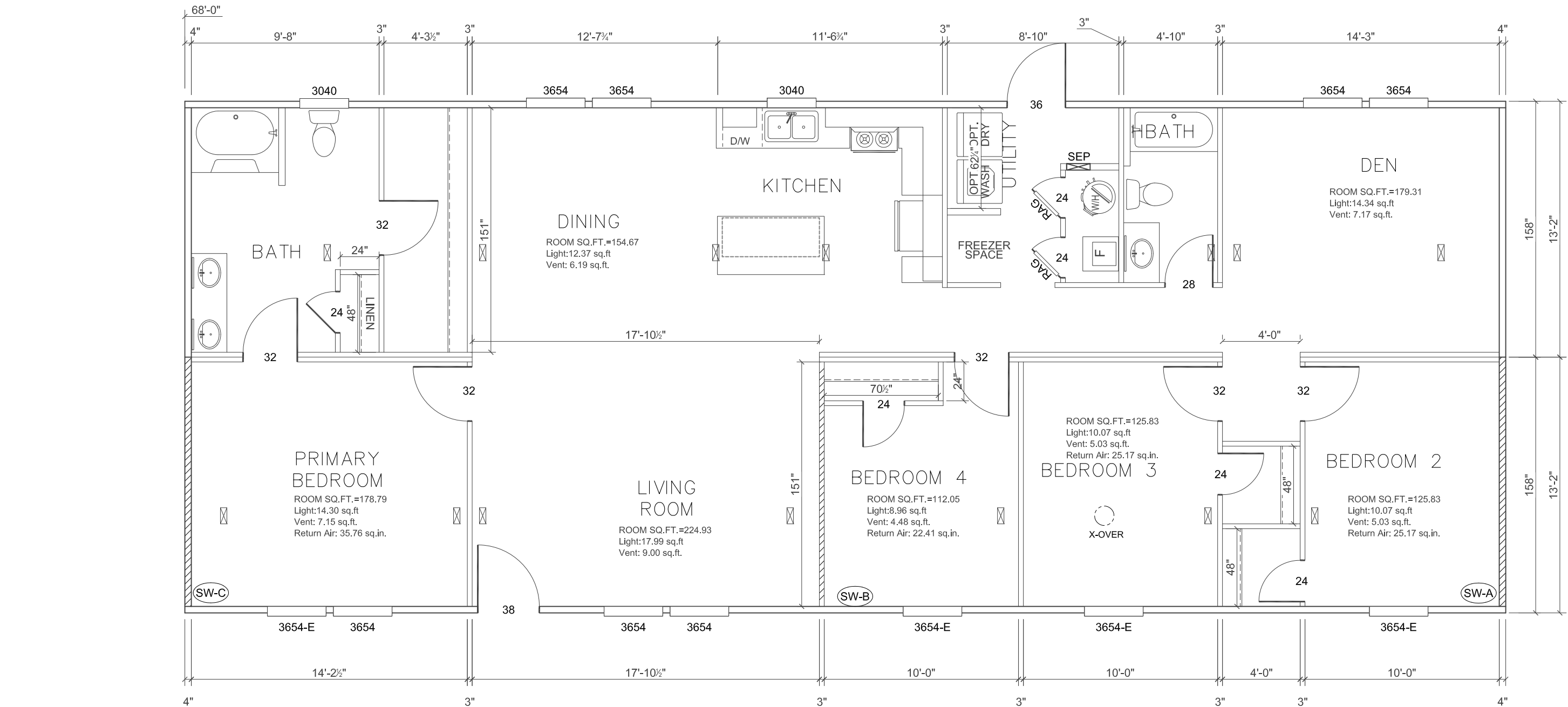
SCALE
3/16"=1'

PLAN NO.
29M208

SHEET NAME
**PRIMARY
PLAN OPTS**

SHEET NO.
A-1.1.

*ALL FLOOR REGISTERS ARE 4x10 UNLESS OTHERWISE NOTED
*ALL BEDROOMS ARE UNDER 35' FOR EGRESS



Model # 29M208
Box Width = 158 " Double wide No Offset Box
Box Length = 68 ft. 99.5" 12" MIN.IBEAM No Clerestory
No Skylights No Origami Dormer
No Porches No Sunken Floor
Joist Size = #2 sp 2x8 Lags 9Mx3" No Parapet Roof

Version R13.18

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 & 2x3 Rail. Each spliced w/ 12" glue block.				96 inch sidewall	
Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	
A	0 '	162	Full	2	1/1		
C	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: 2x4 SPF #3 Top Plate & 2x3 Rail. Each spliced w/ 12" glue block.				96 inch sidewall	
Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	% over
A	0 '	112 "	425	2	4/3		
B	35.21 '	Full	425	2	2/2		0.66
C	68 '	112 "	425	2	4/3		
Wind Zone 3 Standard Roof		(3/8" sheathing only with 15 gax 1.5" at 5"/10" oc. (197 plf) Chords: 2x4 SPF #3 Top Plate & 2x3 Rail. Each spliced w/ 12" glue block.				96 inch sidewall	
Shearwall	Dist./ Hitch	Length	PLF	# of Joists	Lags	Notes	
A	0 '	112 "	425	2	4/3		
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C	68 '	112 "	425	2	4/3		

*ALL FLOOR REGISTERS ARE 4x10 UNLESS OTHERWISE NOTED
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THIRD PARTY SEAL



REVISION	DATE

MODEL NAME		MODEL NO.	MODEL SQ. FT.
Legend 68			
LEG28684BH		BOX SIZE	28' x 68'
1,790			

DRAWN BY
Alex Whaley

DATE DRAWN
3/29/2024

DATE PRINTED
4/19/2024

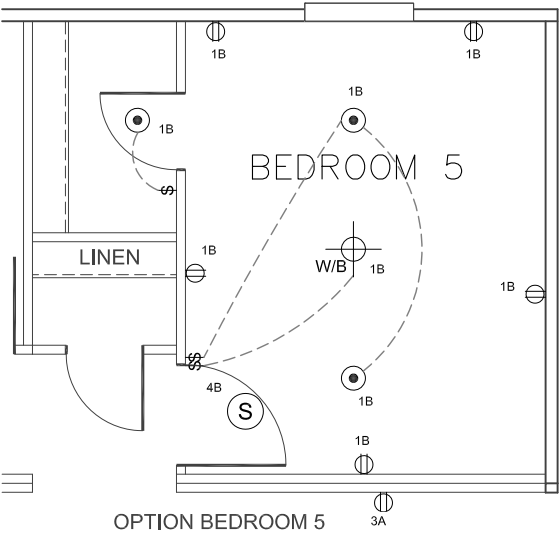
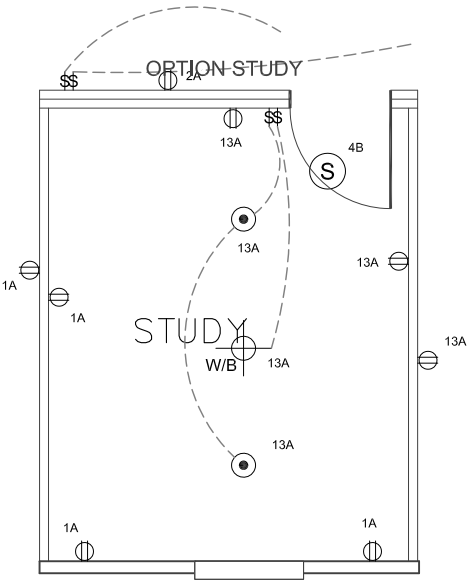
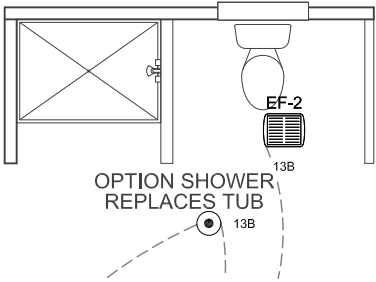
SCALE
3/16"=1'

PLAN NO.
29M208

SHEET NAME
PRIMARY PLAN

SHEET NO.
A-1.

CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER
LIGHT/RECEP	1A,3A,13A,14A	14-2	15-SP	DRYER	5A,7B	SEE NOTE #8		BATHROOM	1 6 A	12-2	20-SP
LIGHT/RECEP	1B,3B,13B	14-2	15-SP	WATER HEATER	4A,6B	SEE NOTE #8		OPT G/D/ISP	9B	SEE NOTE #8	
KITCHEN	2A,2B	12-2	20-SP	RANGE	5B,7A	SEE NOTE #8		OPT SPA/ WP/JAC	11A,B	SEE NOTE #8	
WASHER	12A	12-2	20-SP	FURNACE	6A,8A,B,10A,B	SEE NOTE #8		FREEZER	1 6 B	SEE NOTE #8	
RANG HOOD/ MICROWAVE	15B	SEE NOTE #8		OPT D/WASH	9A	SEE NOTE #8		OPT ELEC. FIREPLACE	N/A	SEE NOTE #8	
OPT. GAS RANG	15A	SEE NOTE #8		SMOKE/CO DECT.	4B	SEE NOTE #8					
				REFER	12B	SEE NOTE #8					



- 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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THIRD PARTY SEAL

REVISION	DATE

MODEL NAME	Legend 68
MODEL NO.	LEG28684BH
BOX SIZE	28' x 68'
MODEL SQ. FT.	1,790

DRAWN BY	Alex Whaley
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DATE DRAWN	3/29/2024
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DATE PRINTED	4/19/2024
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SCALE	3/16"=1'
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PLAN NO.	29M208
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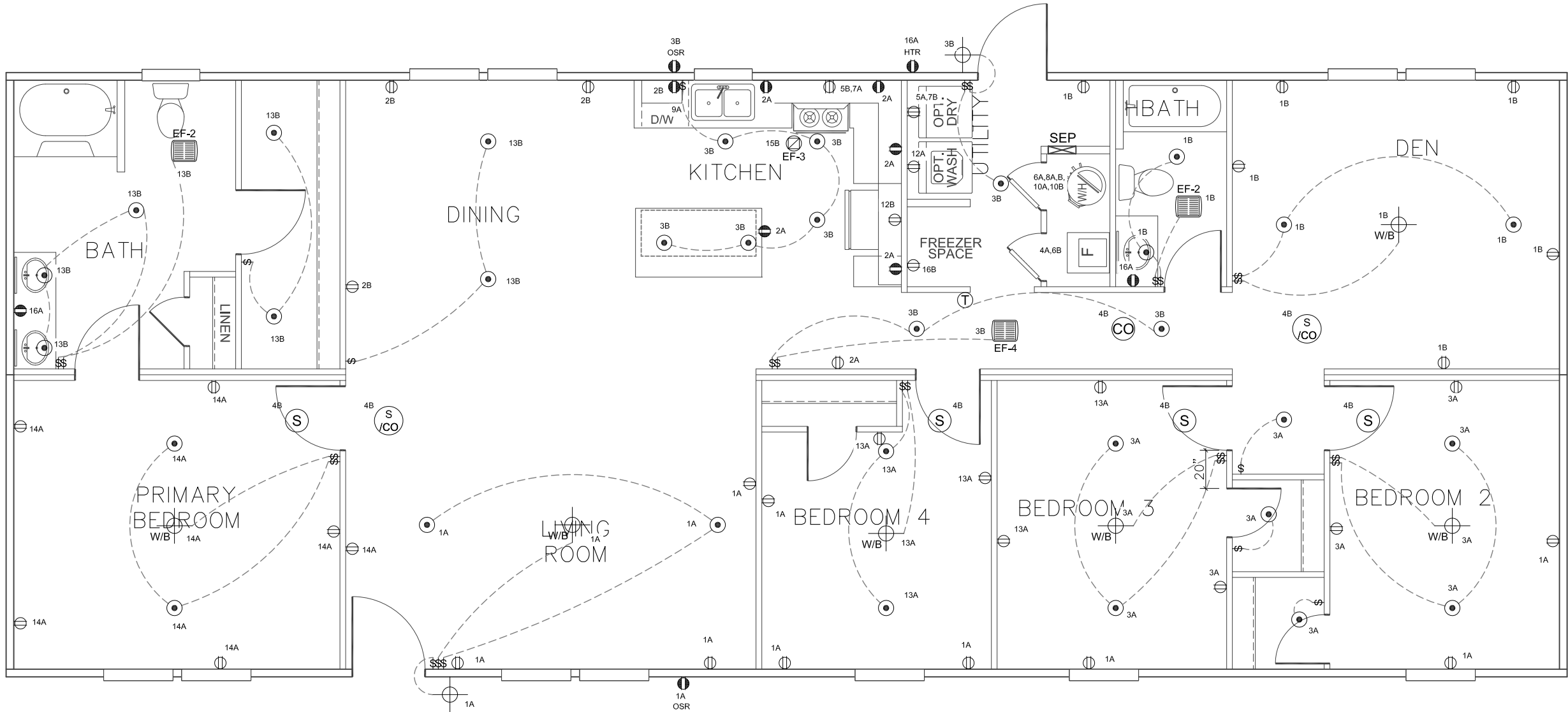
SHEET NAME	ELEC. PLAN OPTS
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SHEET NO.	EL-1.1.
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CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER
LIGHT/RECEP	1A, 3A, 13A, 14A	14-2	15-SP	DRYER	5A, 7B	SEE NOTE #8		BATHROOM	16A	12-2	20-SP
LIGHT/RECEP	1B, 3B, 13B	14-2	15-SP	WATER HEATER	4A, 6B	SEE NOTE #8		OPT G/DISP	9B	SEE NOTE #8	
KITCHEN	2A, 2B	12-2	20-SP	RANGE	5B, 7A	SEE NOTE #8		OPT SPA/ WP/JAC	11A, B	SEE NOTE #8	
WASHER	12A	12-2	20-SP	FURNACE	6A, 8A, B, 10A, B	SEE NOTE #8		FREEZER	16B	SEE NOTE #8	
RANG HOOD/ MICROWAVE	15B	SEE NOTE #8		OPT D/WASH	9A	SEE NOTE #8		OPT ELEC. FIREPLACE	N/A	SEE NOTE #8	
OPT. GAS RANG	15A	SEE NOTE #8		SMOKE/CO DECT.	4B	SEE NOTE #8					
				REFER	12B	SEE NOTE #8					



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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.
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THIRD PARTY SEAL



REVISION	DATE

MODEL NAME Legend 68	MODEL NO. LEG28684BH	MODEL SQ. FT. 1,790
BOX SIZE 28' x 68'		

DRAWN BY
Alex Whaley

DATE DRAWN
3/29/2024

DATE PRINTED
4/19/2024

SCALE
3/16"=1'

PLAN NO.
29M208

SHEET NAME
ELEC. PLAN

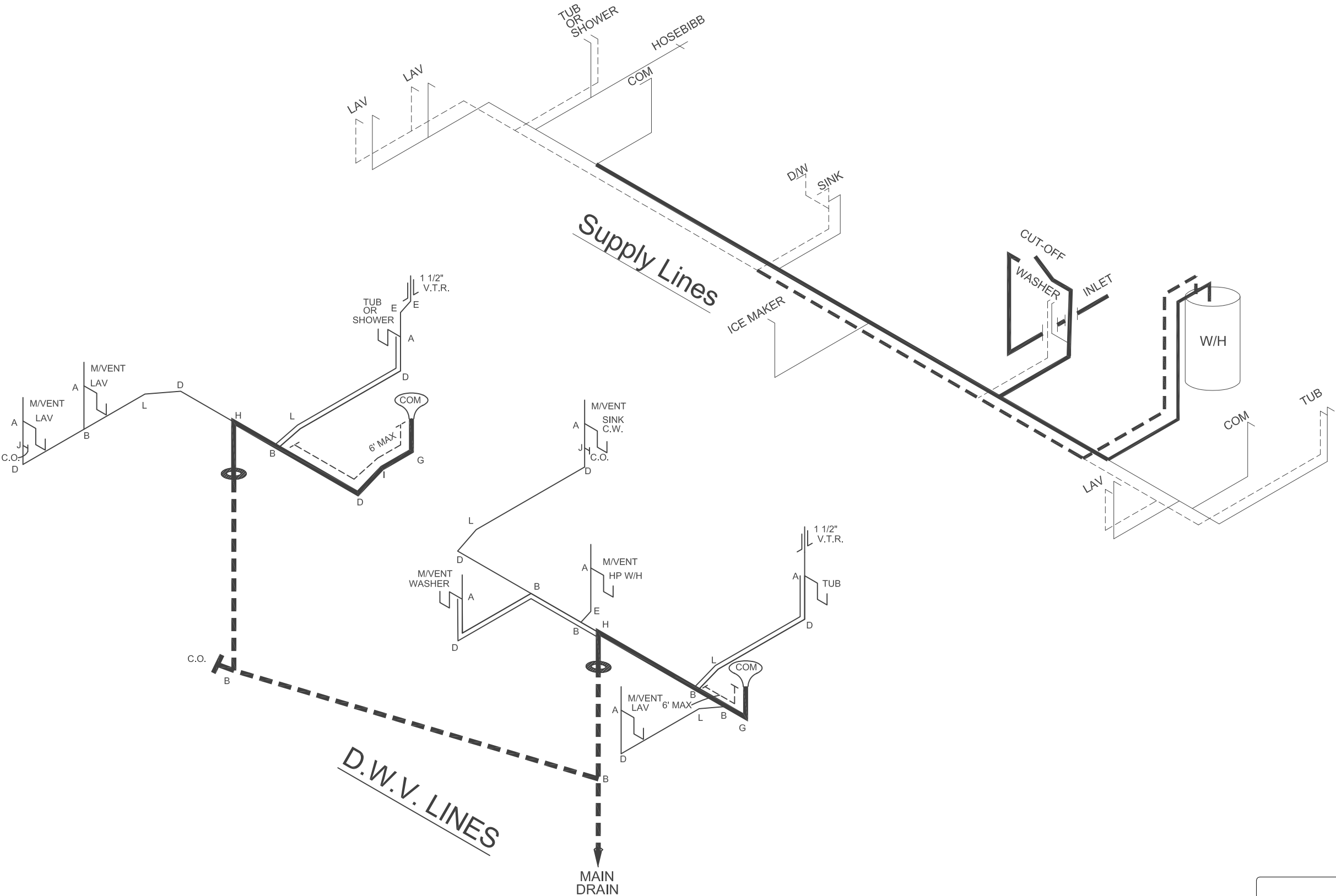
SHEET NO.
EL-1.

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"

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

= 3/4"
 = 1/2"



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APPROVED

THIRD PARTY SEAL

MODEL NAME Legend 68		MODEL NO. LEG28684BH		MODEL SQ. FT. 1,790	
DRAWN BY Alex Whaley		DATE DRAWN 3/29/2024		DATE PRINTED 4/19/2024	
SCALE 3/16"=1'		PLAN NO. 29M208		SHEET NAME D.W.V. & SUPPLY	
SHEET NO. PL-1.		DATE 		REVISION 	
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