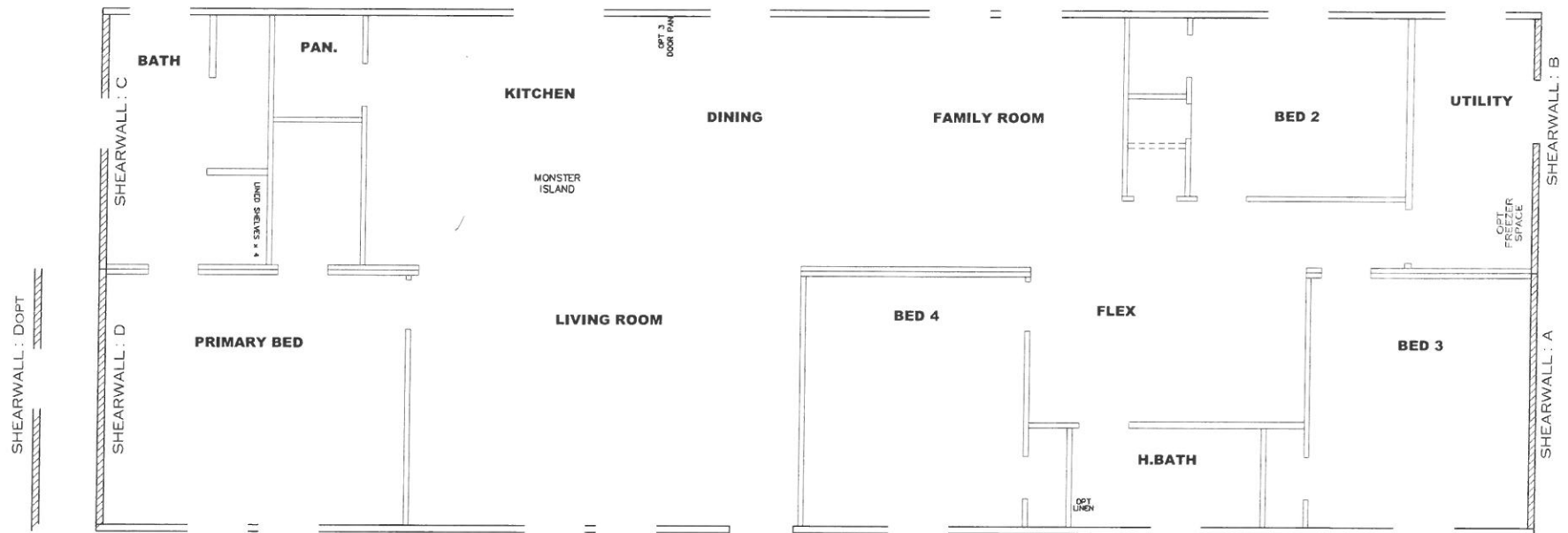




Model # 38M161
 Box Width = 158" Double wide No Offset Box
 Box Length = 72 ft. 99.5" 10" MIN. IBEAM No Clerestory
 No Skylights No Origami Dormer
 No Porches No Sunken Floor
 Joist Size = #2 spf 2x6 Lags 9Mx3" No Parapet Roof

Version R13.17

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/2x4 MCP & 2x3 SPF Rail spliced w/ 96 inch sidewall

Shearwall	Dist./Hitch	Length	PLF	# of Joists	Lags	Notes
A	0'	Full	425	2	3/3	
D	72'	Full	425	2	3/3	

Wind Zone 2 Standard Roof (3/8" & ceiling with 15 gax 1.5" at 5'10" oc. (267 plf) Chords: 2x4 SPF #3 Top Plate & 2x4 Rail. Each spliced w/ 3x6 20 ga MCP. 96 inch sidewall

Shearwall	Dist./Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	Full	425	2	3/3		
B	0'	117.5'	425	5	4/4	Split Shearwall	80.5/37
C	72'	123.25'	425	4	4/4	Split Shearwall	72.5/50.75
D	72'	Full	425	2	3/3		

Wind Zone 3 Standard Roof (3/8" & ceiling with 15 gax 1.5" at 5'10" oc. (267 plf) Chords: 2x4 SPF #3 Top Plate & 2x4 Rail. Each spliced w/ 3x6 20 ga MCP. 96 inch sidewall

Shearwall	Dist./Hitch	Length	PLF	# of Joists	Lags	Notes
A	0'	Full	425	2	3/3	
B	0'	117.5'	425	5	4/4	Split Shearwall 80.5/37
C	72'	123.25'	425	4	4/4	Split Shearwall 72.5/50.75
D	72'	Full	425	2	3/3	

Model # 38M161-opt
 Box Width = 158" Double wide No Offset Box
 Box Length = 72 ft. 99.5" 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 R13.17

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/2x4 MCP & 2x3 SPF Rail spliced w/ 96 inch sidewall

Shearwall	Dist./Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	Full	425	2	3/3		
Dopt	72'	117.5'	425	4	4/4	Split Shearwall	48/69.5

Wind Zone 2 Standard Roof (3/8" & ceiling with 15 gax 1.5" at 5'10" oc. (267 plf) Chords: 2x4 SPF #3 Top Plate & 2x4 Rail. Each spliced w/ 3x6 20 ga MCP. 96 inch sidewall

Shearwall	Dist./Hitch	Length	PLF	# of Joists	Lags	Notes	SW1/SW2
A	0'	Full	425	2	3/3		
B	72'	117.5'	425	5	4/4	Split Shearwall	80.5/37
C	144'	123.25'	425	4	4/4	Split Shearwall	72.5/50.75
Dopt	144'	117.5'	425	4	4/4	Split Shearwall	48/69.5

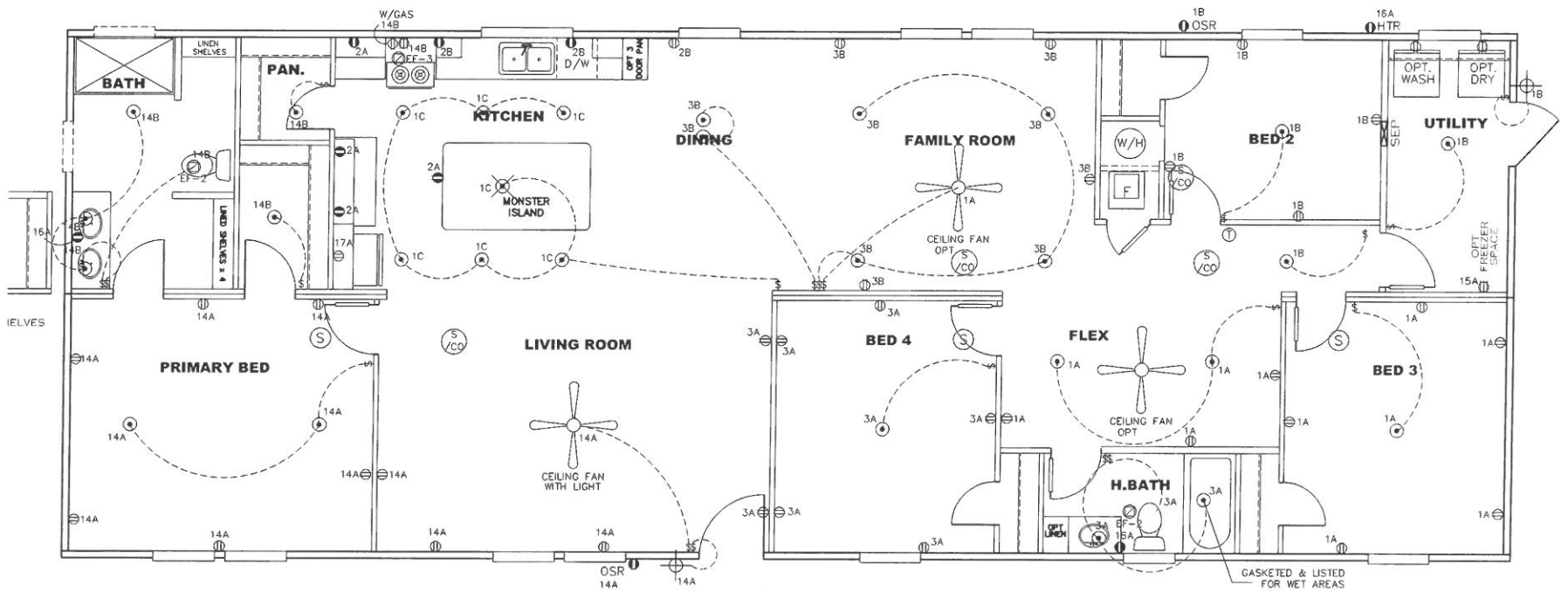
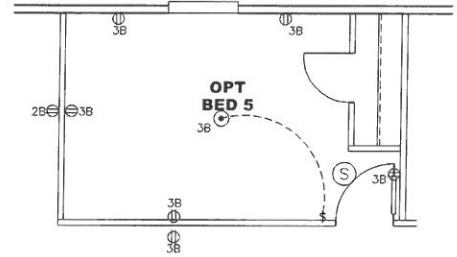
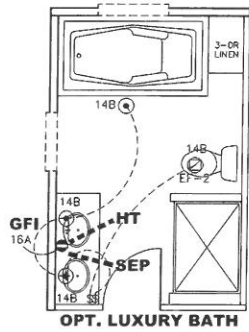
Wind Zone 3 Standard Roof (3/8" & ceiling with 15 gax 1.5" at 5'10" oc. (267 plf) Chords: 2x4 SPF #3 Top Plate & 2x4 Rail. Each spliced w/ 3x6 20 ga MCP. 96 inch sidewall

Shearwall	Dist./Hitch	Length	PLF	# of Joists	Lags	Notes
A	0'	Full	425	2	3/3	
B	72'	117.5'	425	5	4/4	Split Shearwall 80.5/37
C	144'	123.25'	425	4	4/4	Split Shearwall 72.5/50.75
Dopt	144'	117.5'	425	4	4/4	Split Shearwall 48/69.5

APPROVED **HWC** **APPROVED**
 REVISED
 20 FEB 2023
 FP-28-5557
 Federal Manufactured
 Home Construction
 And Safety Standards

1896 SQ.FT. (STD PLAN "CONDITIONED")		N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH MANUFACTURING	Model # 38M161	Options	38M161
	Product Code: 38M161		
28' x 72' SUEÑO			
Shearwall Page			

CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER	CIRCUIT	CIRCUIT #	WIRE	BREAKER
LIGHT/RECEP	1A,1B,1C,3A,3B,12B,13A,13B	14-2	15-SP	WATER HEATER	4A,6B	SEE NOTE #8		BATHROOM	16A	12-2	20-SP
KITCHEN	2A,2B,14A	12-2	20-SP	RANGE	5B,7A	SEE NOTE #8		OPT C/DISP	9B	SEE NOTE #8	
WASHER	12A	12-2	20-SP	FURNACE	6A,8A,B,10A,B	SEE NOTE #8		OPT SVA/ WP/JAC	11A,B	SEE NOTE #8	
DRYER	5A,7B	SEE NOTE #8		OPT D/WASH	9A	SEE NOTE #8		FREEZER	15A	SEE NOTE #8	
REFER.	17A			SMOKE DECT.	4B	SEE NOTE #8					



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

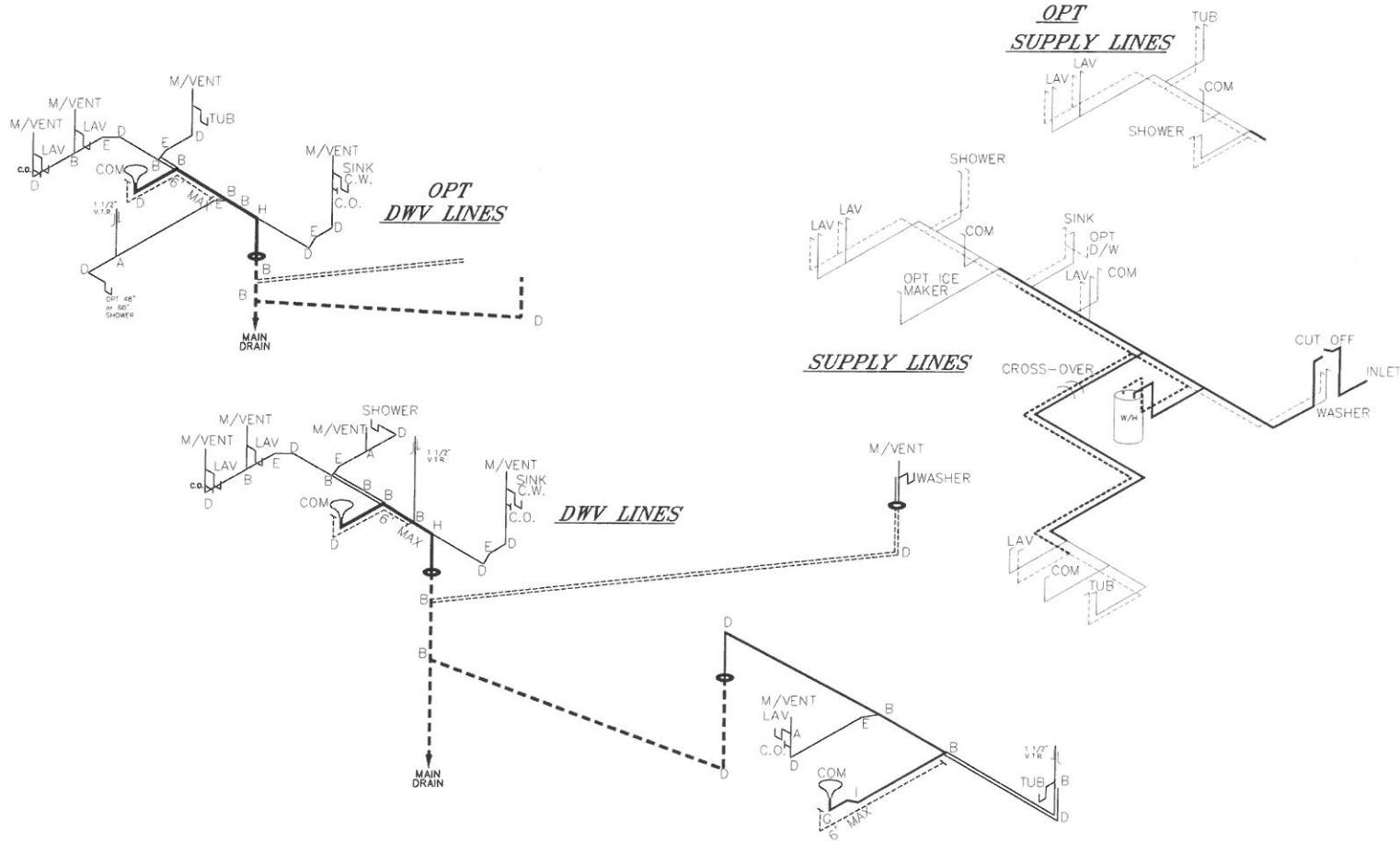
APPROVED **HWG** **APPROVED**

REVISED
20 FEB 2023
FP-28-5557

Federal Manufactured
Home Construction
And Safety Standards

1896 SQ.FT. (STD PLAN "CONDITIONED")	
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH MANUFACTURING	Model #: CLD28724C Date: 4/12/18 Product Designer: Francis B
Drawing #: 38M161	Scale: N.T.S. 28' x 72' SUEÑO
ELECTRICAL PLAN	

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



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"

APPROVED **HWC** **APPROVED**
 REVISED
 20 FEB 2023
 FP-28-5557
 Federal Manufactured
 Home Construction
 And Safety Standards

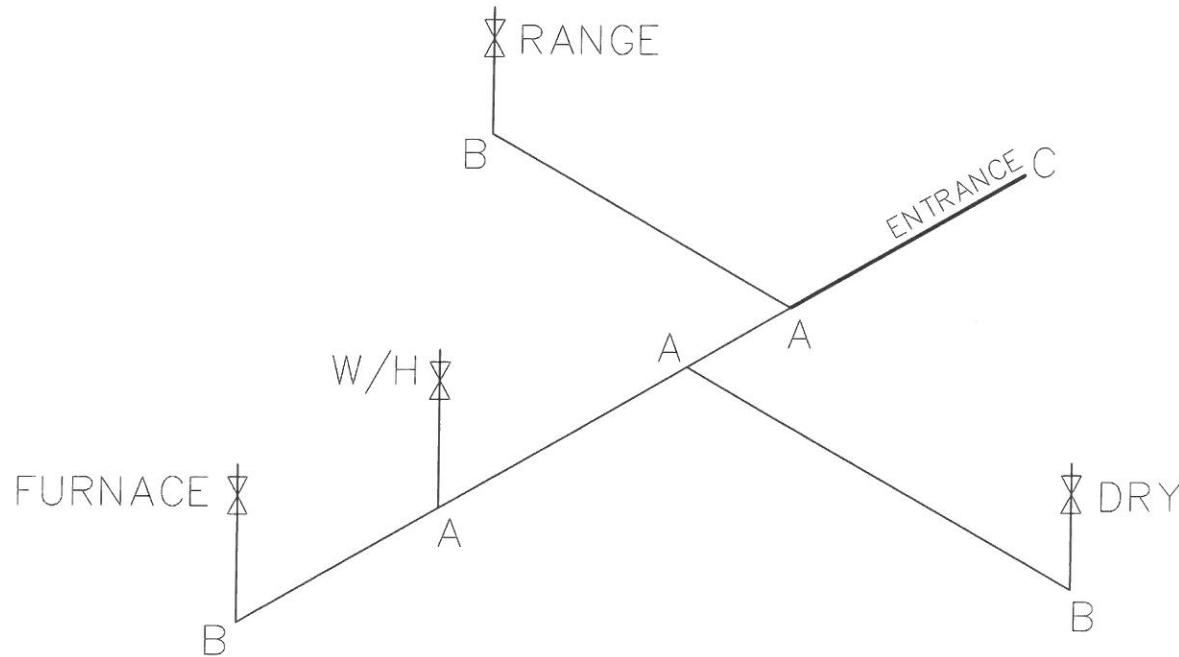
1896 SQ. FT. (STD PLAN "CONDITIONED")	
N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH	
Product Description: Conditioned	28' x 72' SUENO
D.W.V. and Supply Lines	

LEGEND		APPLIANCE BTU's RATINGS MAX. INPUT	
SYM	FITTINGS		
A	TEE	FURNACE	65,000 BTU'S
B	90 ELL	W/H	37,000 BTU'S
X	VALVE	RANGE	52,000 BTU'S
C	CAP	DRYER	22,000 BTU'S

MDL=35'

GAS LINE SIZE CHART

— = 1"
— = 3/4"

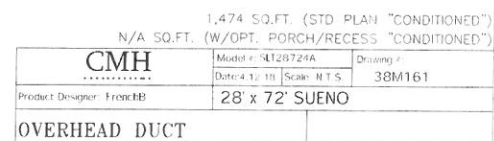


NOTES:

- 1) ALL PIPE IS 3/4" I.D.CAST (EXCEPT WHERE NOTED OTHERWISE)
- 2) MDL=MAX. DETERMINED LENGTH OF PIPE
- 3) FITTING MAY BE ADDED OR SUBTRACTED TO TRAVERSE VARIATIONS IN AXLE QUANTITY, PLACEMENT, AND FRAME TYPE.
- 4) INLET LOCATION MAY VARY TO STAY WITHIN MAX. DETERMINED LENGTH

APPROVED **RWC** **APPROVED**
 REVISED
 20 FEB 2023
 FP-28-5557
 Federal Manufactured
 Home Construction
 And Safety Standards

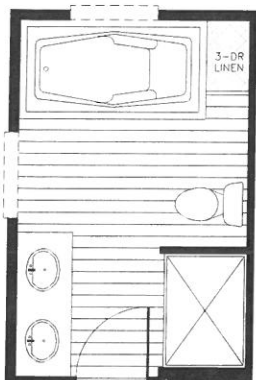
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N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH MANUFACTURING	Model #: CLD26724C Date: 4/2/18 Scale: N.T.S.
Product Designer: French B	38M161
28' x 72' SUENO	
GAS LINE DETAIL	



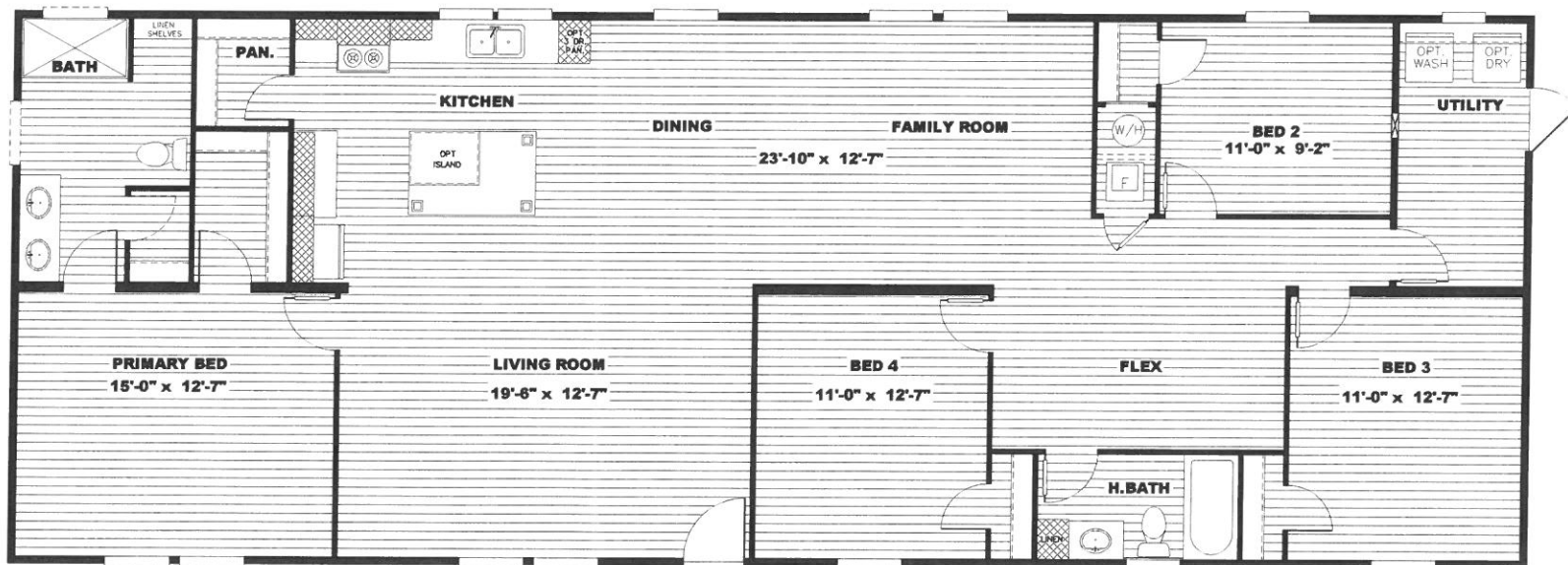
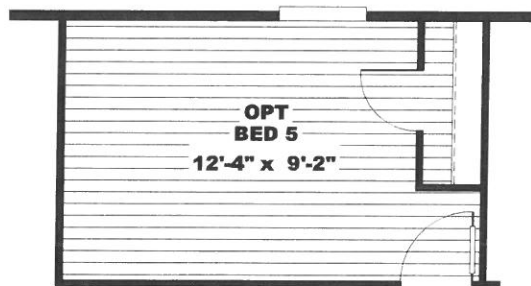


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1,474 SQ. FT. (STD. PLAN "CONDITIONED")		
N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")		
CMH ARCHITECTS	Model #: S3326774A	Drawn by
	Scale: 1/8" = 1'-0"	38M161
Product Designer: E. J. J. J.	28' x 72' SUENO	
ELEVATION		



OPT. LUXURY BATH

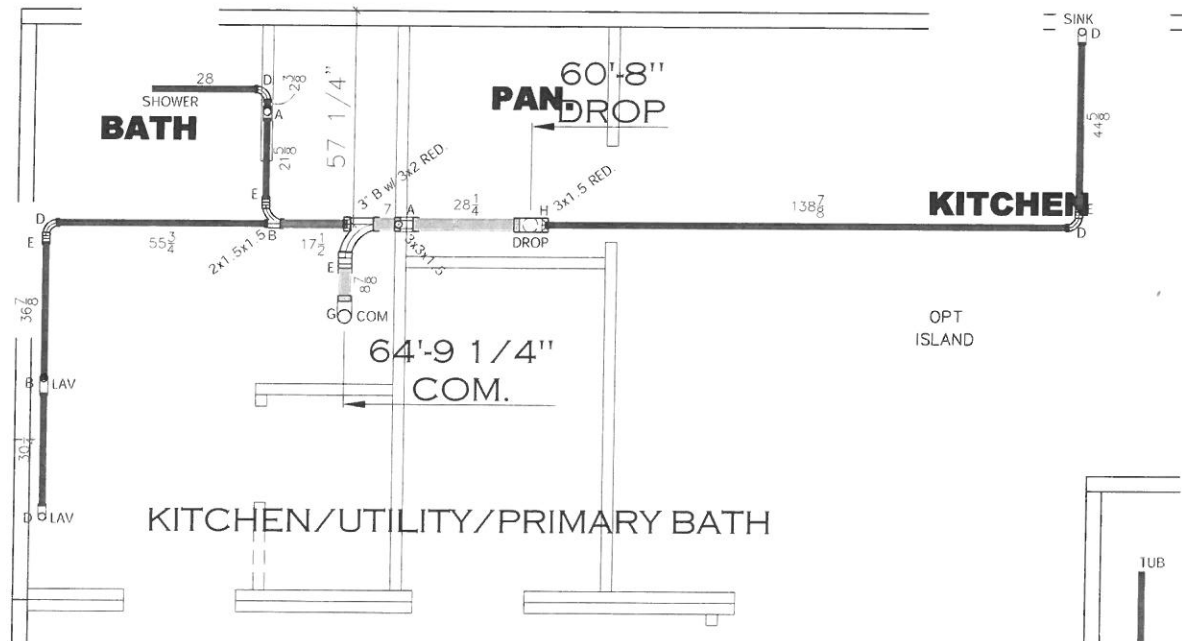


MODEL #SLT28724A

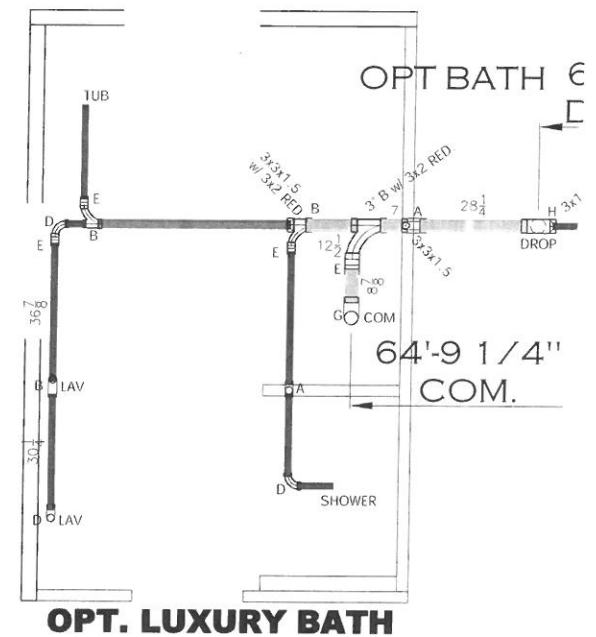
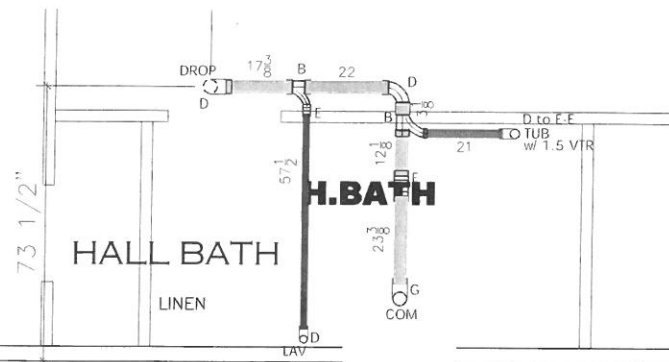
DRAWING # 38M161

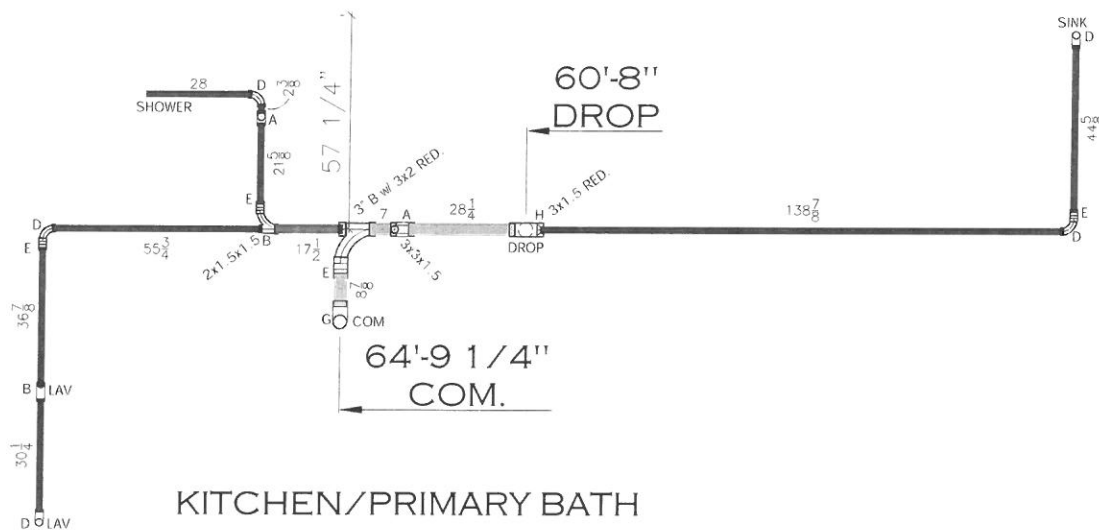
28'x72' SUENO

1,474 SQ.FT. (STD PLAN "CONDITIONED") N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH CONCRETE MASONRY HANDLING	Model #: 94240724A Drawing #: _____ Detail 1 to 10 Scale: M.T.S. 3BM161
Product Designer: FrenchB	28' x 72' SUENO
FRAME	

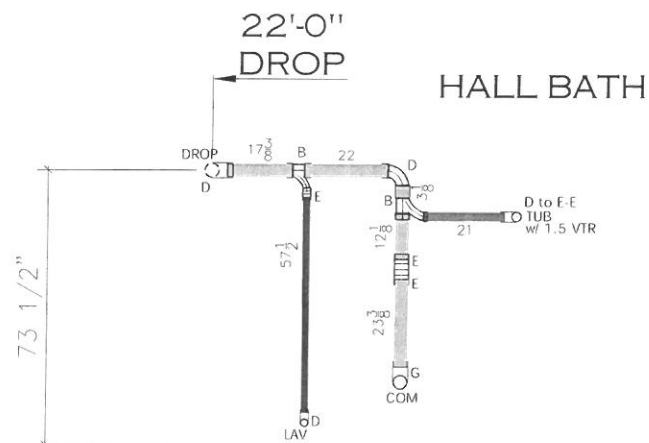


KITCHEN/UTILITY/PRIMARY BATH

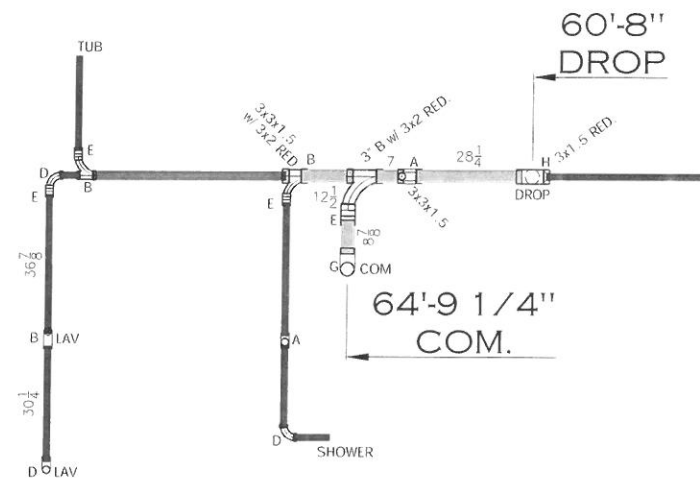




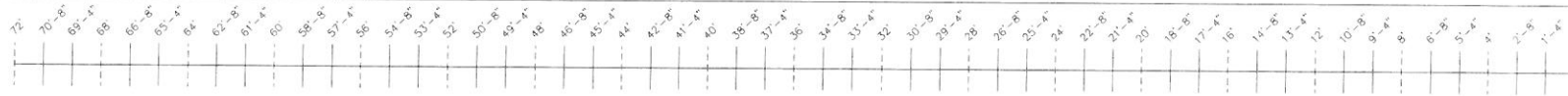
KITCHEN/PRIMARY BATH



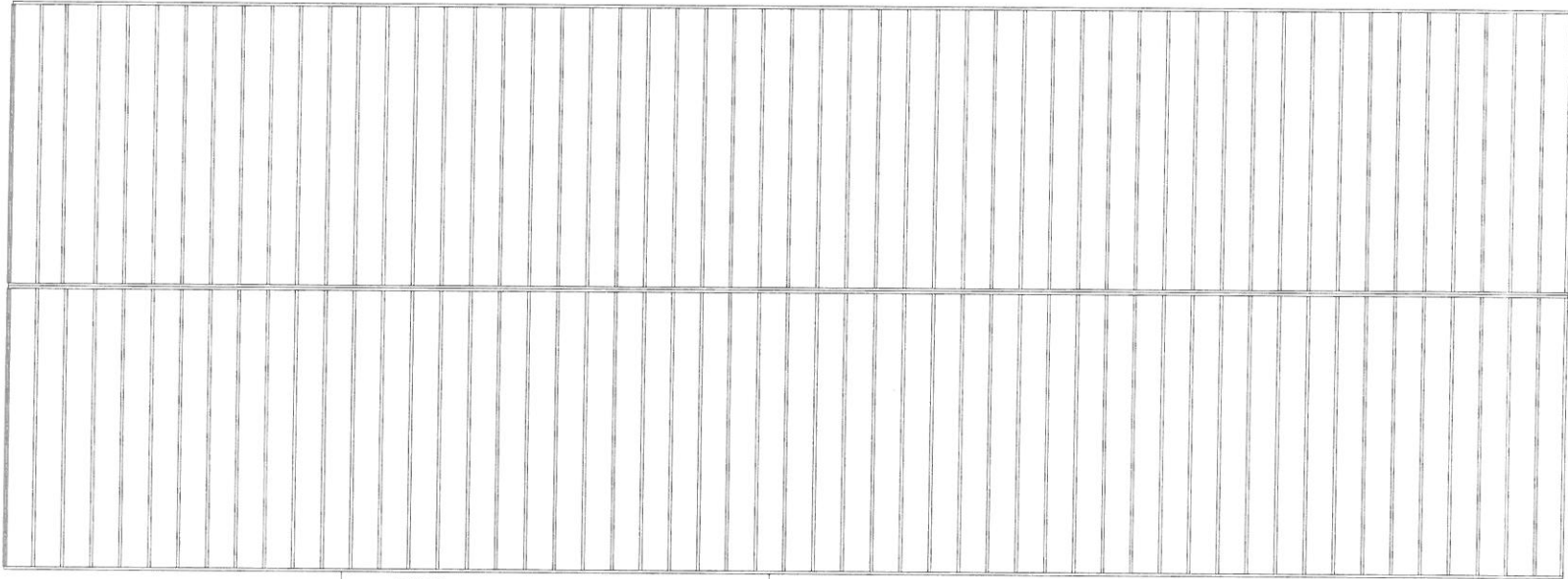
HALL BATH



OPT LUXURY BATH



69'-5 1/4"
FLOATED JOIST



SHEARWALL D
SEE SW PAGE
FOR DETAILS

56'-5"
SHEARWALL C
SEE SW PAGE
FOR DETAILS

36'-8"
SHEARWALL B
SEE SW PAGE
FOR DETAILS

SHEARWALL A
SEE SW PAGE
FOR DETAILS

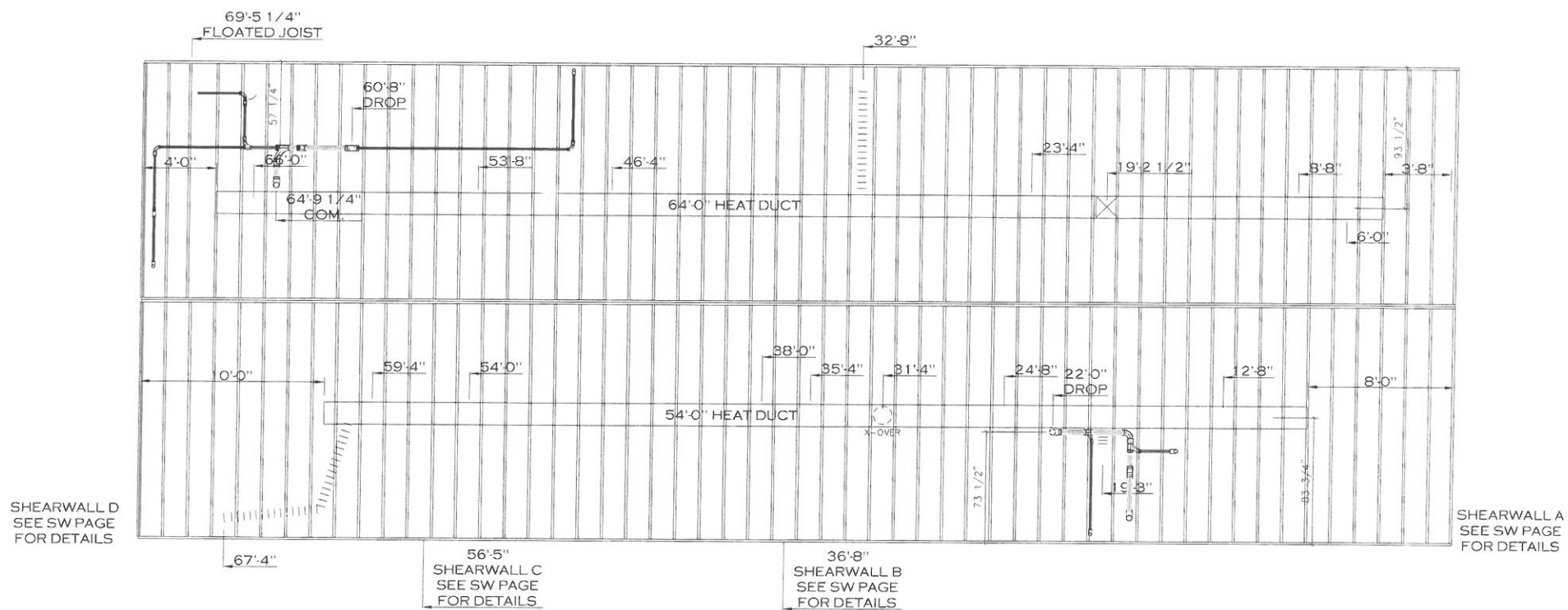
Model # 38M161
Box Width = 38" Double wide No Offset Box
Box Length = 72" 59' 5" MIN 67" MAX No Crossover
No Seals No No Seals No No Seals No No Seals
No Seals No Seals No Seals No Seals

Version R13.17

Wind Zone 1 Standard Roof					
Laptragn Construction					
Shearwall	Dist. Min	Length	FL	# of Joists	Notes
A	C	Full	425	2	33
B	72"	Full	425	2	33
Wind Zone 2 Standard Roof					
Laptragn Construction					
Shearwall	Dist. Min	Length	FL	# of Joists	Notes
A	C	Full	425	2	33
B	72"	Full	425	2	33
C	72"	Full	425	2	33
Wind Zone 3 Standard Roof					
Laptragn Construction					
Shearwall	Dist. Min	Length	FL	# of Joists	Notes
A	C	Full	425	2	33
B	72"	Full	425	2	33
C	72"	Full	425	2	33

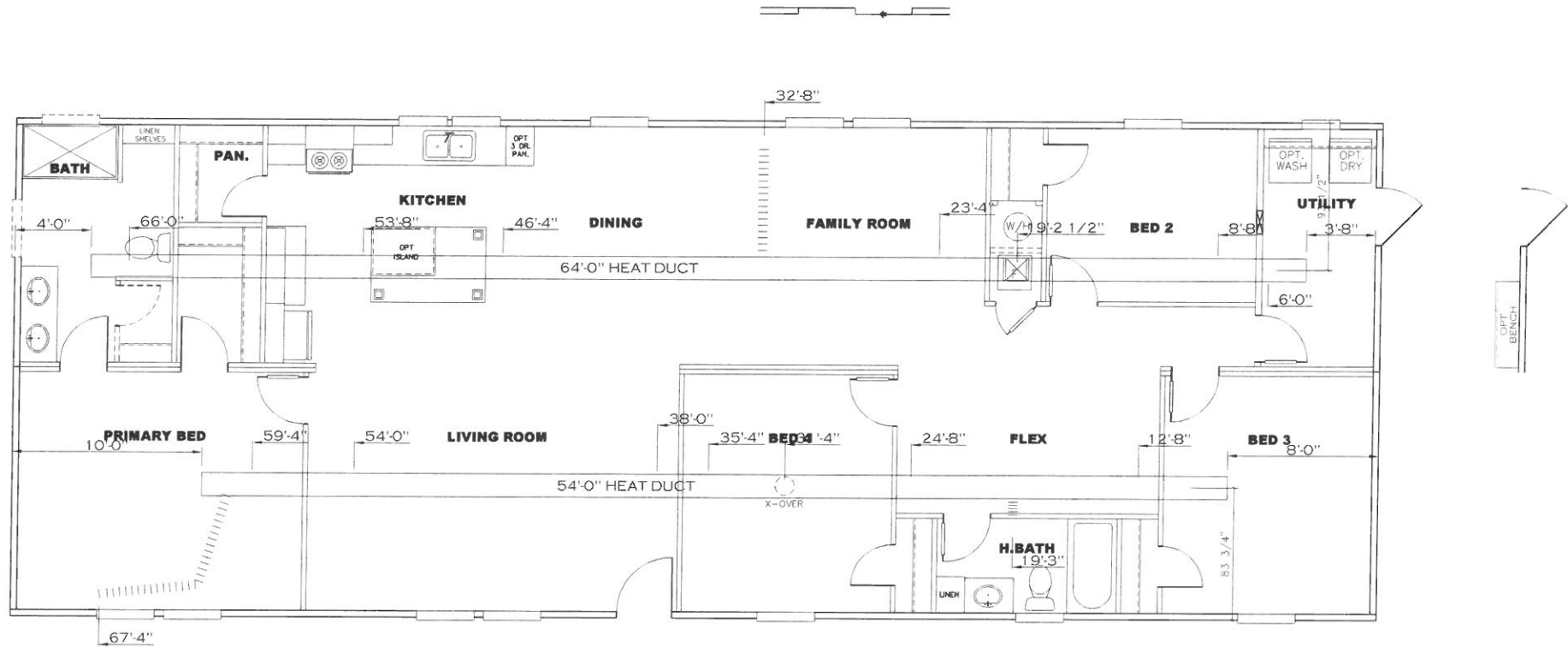
REV:7/22/2022 8:17 AM

1,474 SQ.FT. (STD PLAN "CONDITIONED")	
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH	
Product Designer: J. J. J. J.	38M161
28 x 72 SUENO	
Floor JIG	



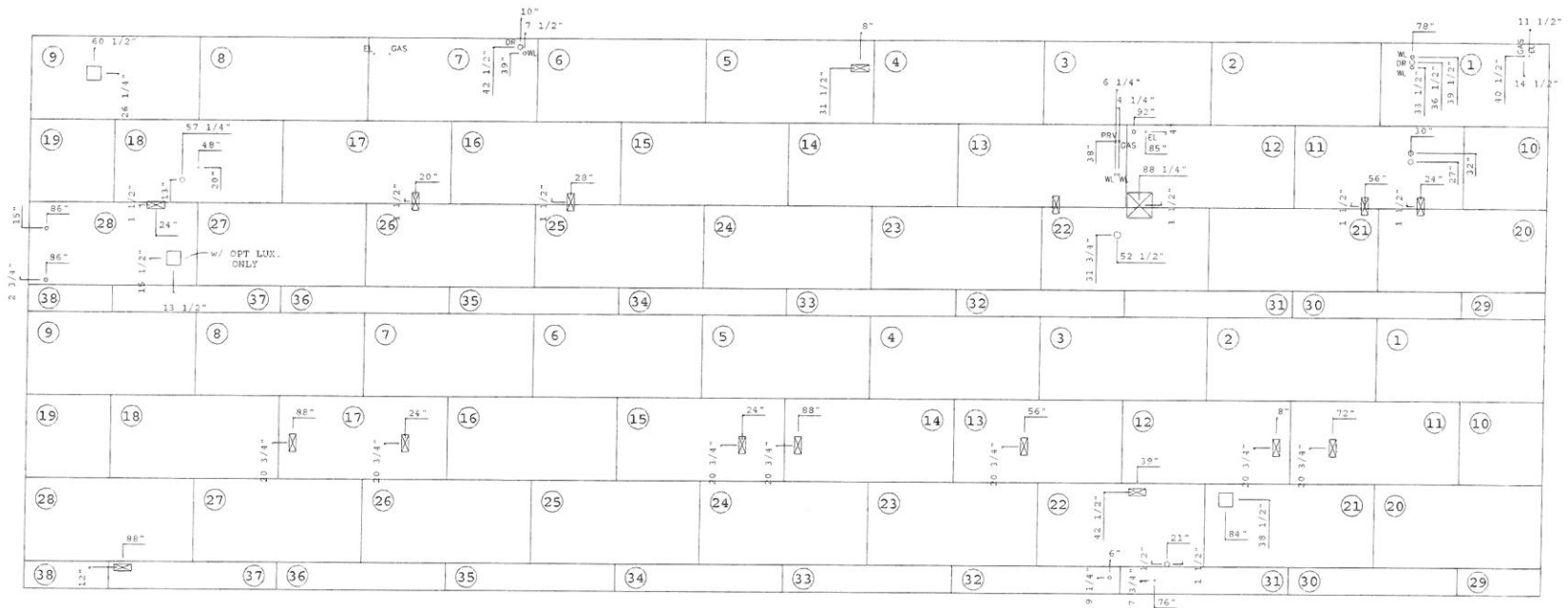
REV:7/22/2022 8:17 AM

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N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH COMMERCIAL MATERIAL HANDLING	Model # S115724A Date 1/2/91 Scale 1/16"
Product Design: EconoNE	Drawing # 3RM161
Floor JIG	28' x 72' SUENO



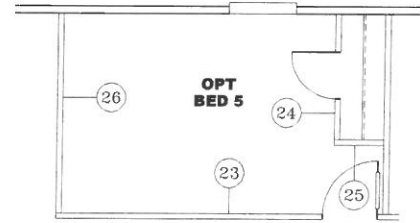
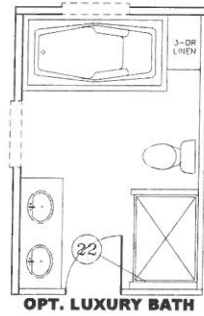
REV:7/22/2022 8:17 AM

1,474 SQ. FT. (STD. PLAN "CONDITIONED")	
N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH	Model # S12037-M
Product Designer: Architect	38M161
28' x 72' SUEÑO	
HEAT DUCT	

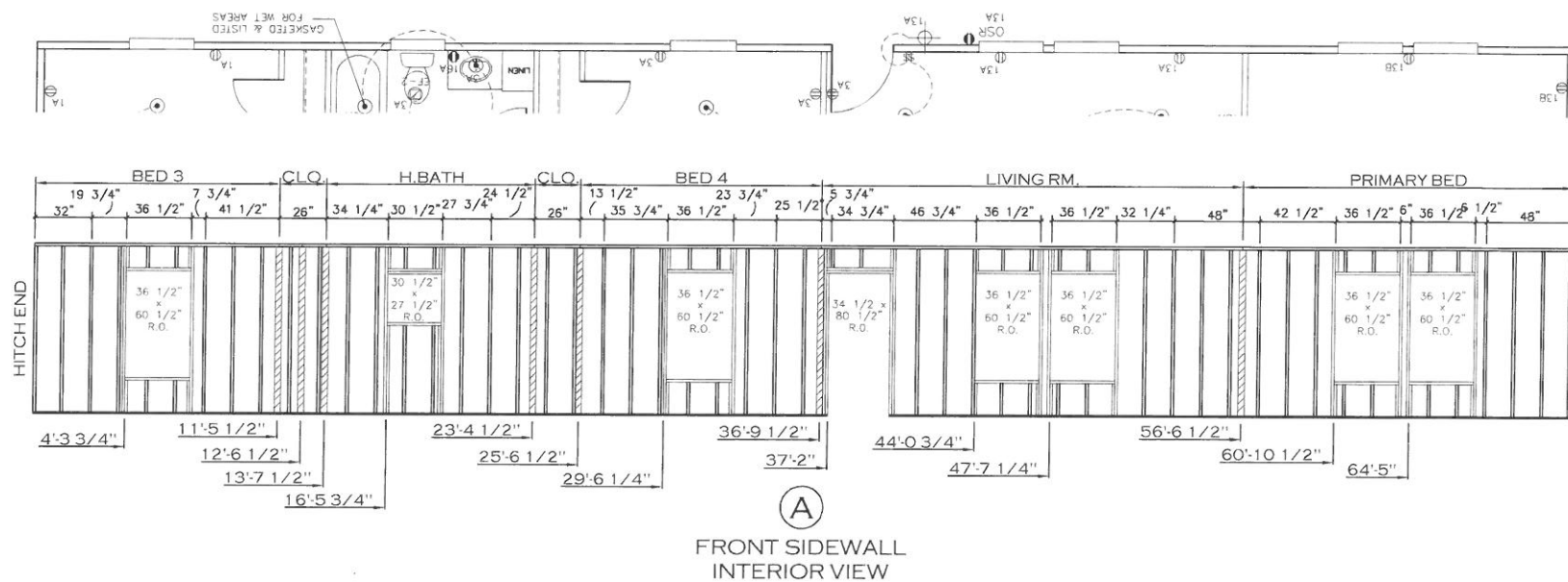


REV: 7/22/2022 8:21 AM

1,474 SQ.FT. (STD PLAN "CONDITIONED")	
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH	Drawn: SUEO/22AB
Project: Design: 100000	Drawn: 38M161
28' x 72' SUENO	
Floor Decking	

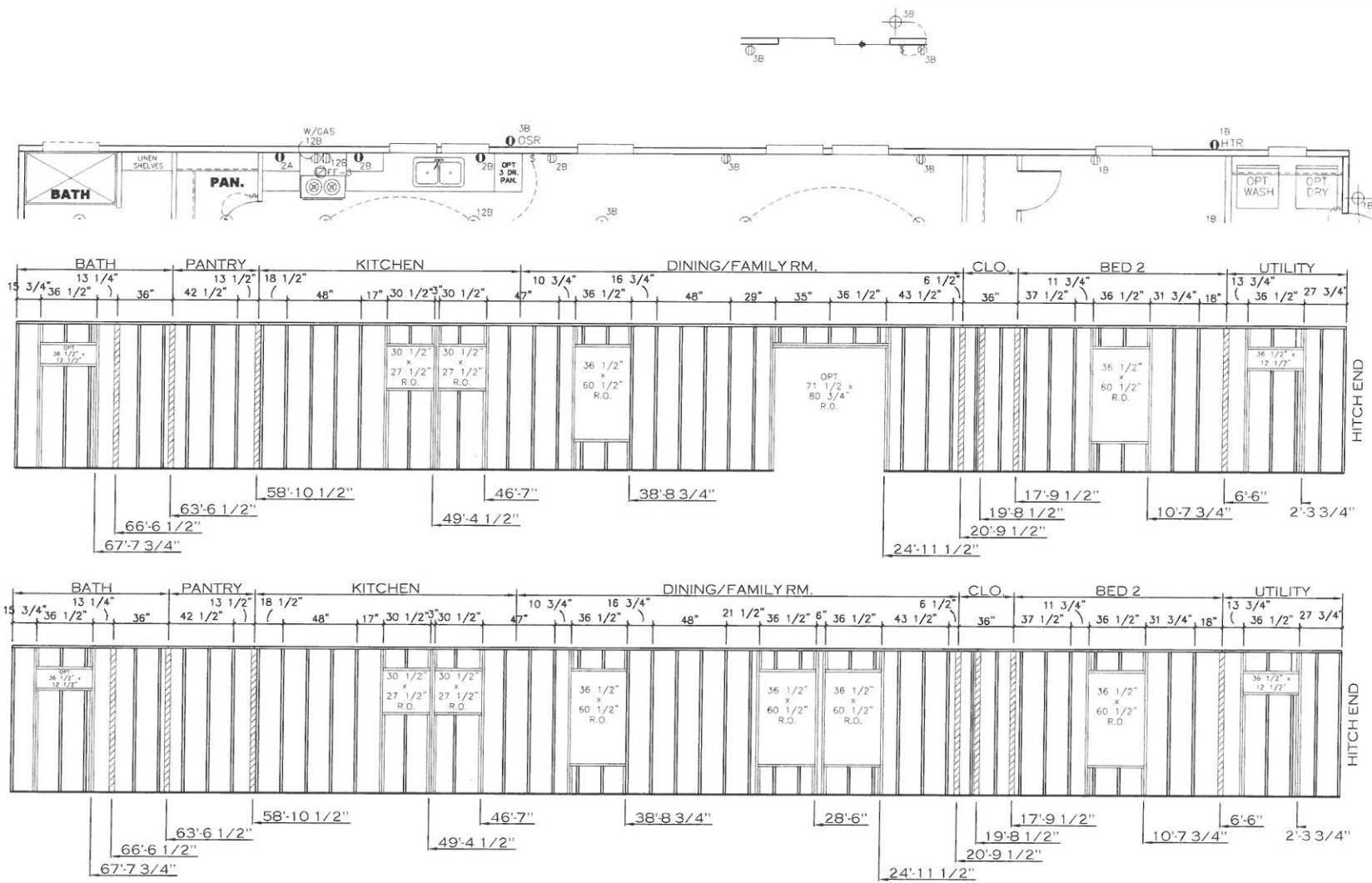


1,474 SQ. FT. (STD. PLAN "CONDITIONED")		N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH		Model # S3102746	Drawn by
Product Designer: Eroschko		28 x 72' SUENO	38M161
BASE LAYOUT			



REV: 7/22/2022 8:24 AM

1,474 SQ. FT. (STD. PLAN "CONDITIONED")	
N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH	Model # 381267246
Product Designer: Entech	Scale: N.T.S.
28' x 72' SUEÑO	
Sidewalls FDS	

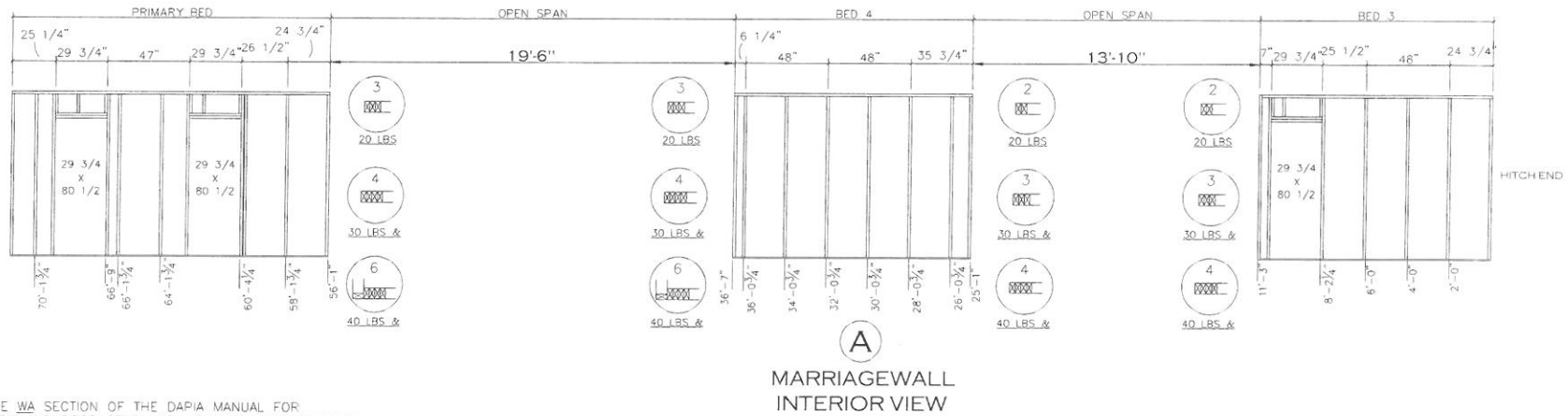
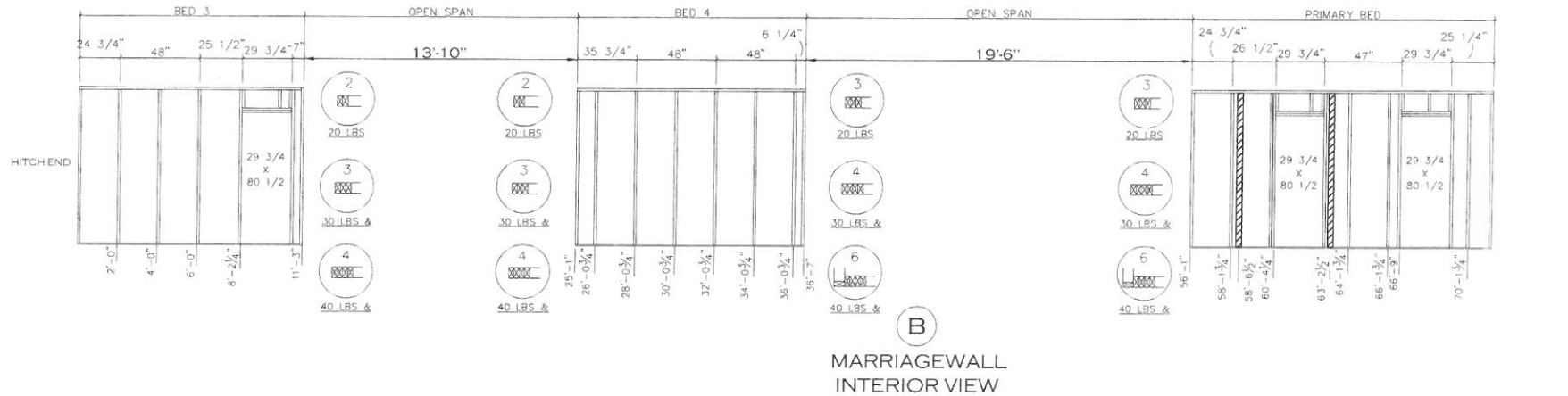


(B)

REAR SIDEWALL
INTERIOR VIEW

REV: 7/22/2022 8:25 AM

1,474 SQ. FT. (STD. PLAN "CONDITIONED")	
N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH	Model: S1105724A Drawing: 3RM161
Product: Design: E: 10000	28 x 72' SUENO
Sidewalls BDS	

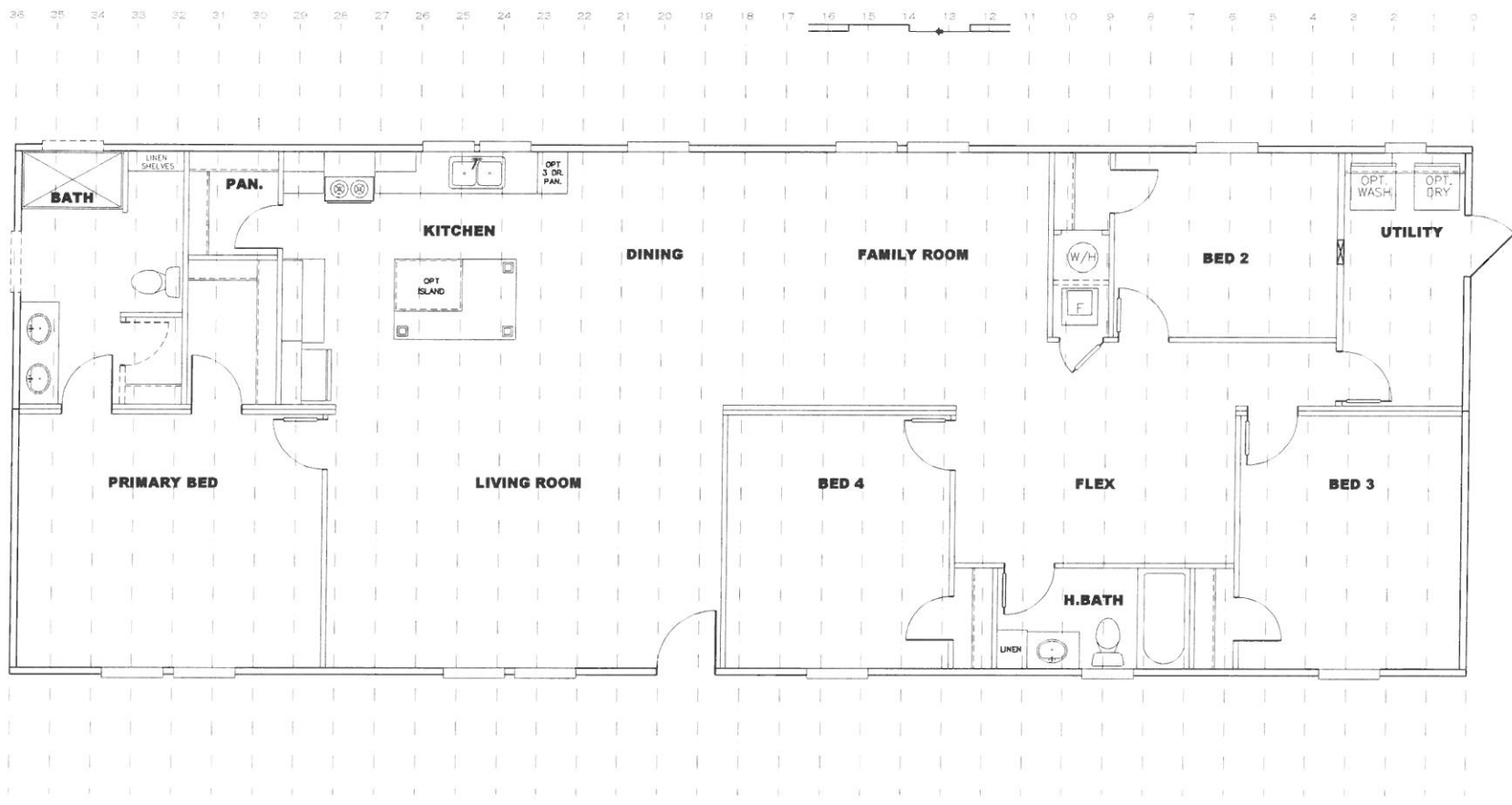


NOTES:

1. REFERENCE THE WA SECTION OF THE DAPIA MANUAL FOR PROPER WINDOW AND DOOR STUD AND HEADER CONFIGURATIONS BASED ON ROOF AND WIND ZONE CONSTRUCTION OF HOME.
2. TOP PLATES ARE 2x LUMBER UNLESS NOTED OTHERWISE ON DETAIL.
3. BOTTOM PLATES ARE 1x LUMBER UNLESS NOTED OTHERWISE ON DETAIL.
4. CIRCLES BETWEEN SPANS INDICATE COLUMN TYPE REQUIRED PER ROOF LOAD DESIGN. REFERENCE COLUMN LOAD DETAILS FOR ACTUAL COLUMN LOADS.

REV: 7/22/2022 8:28 AM

1,474 SQ. FT. (STD. PLAN "CONDITIONED")	
N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH	Model: S41257248
Project: Design: 1 floor(s)	Drawn: 3861761
28' x 72' SUEÑO	
MARRIAGE WALLS	



REV: 7/22/2022 8:28 AM

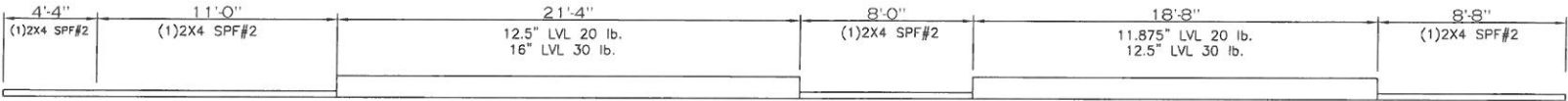
1,474 SQ. FT. (STD. PLAN "CONDITIONED")			
N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")			
CMH CORPORATION		Model # SE107244	10' truss #
		Date 1/2/18	38M161
Project Designer: J. M. H. S.		Scale: 1/8" = 1'-0"	
28 x 72' SUEÑO			
24 oc truss layout			



REV: 7/22/2022 8:29 AM

		1,474 SQ. FT. (STD PLAN "CONDITIONED")	
		N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH		Model # 38M161	Q. Index #
Product Designer: 180000		28' x 72' SUEÑO	38M161
16 oc truss layout			

REV: 7/22/2022 8:29 AM



1,474 SQ.FT. (STD PLAN "CONDITIONED")		
N/A SQ.FT. (W/OPT. PORCH/RECESS "CONDITIONED")		
CMH	27x40 x 58127246	0.0000 x
Product Designer: J. Bosch	28' x 72' SUEÑO	38M161
Ridgebeam FDS		

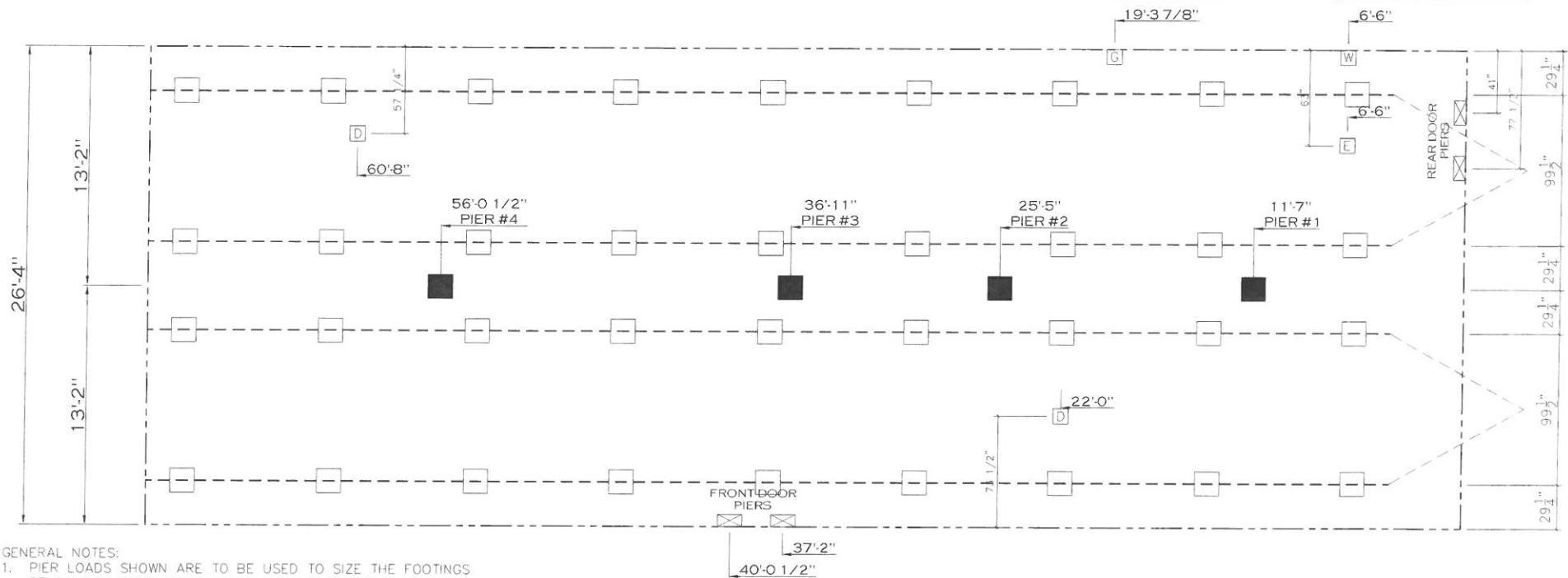
20 lb ROOF LOAD SIDEWALL OPENING PIER LOAD 28' BOX WIDTH	SIDEWALL OPENING (FT) REQUIRED PIER LOAD (LBS)					
	3	4	5	6	8	10
	1175	1330	1485	1640	1950	2260

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

20 psf Roof Live Load		
Column Pier #	Distance from Hitch	Pier Load (lbs)
1	11.583	3132
2	25.417	3132
3	36.917	4268
4	56.5	4268

30 psf Roof Live Load		
Column Pier #	Distance from Hitch	Pier Load (lbs)
1	11.583	5096
2	25.417	5096
3	36.917	6610
4	56.5	6610

40 psf Roof Live Load		
Column Pier #	Distance from Hitch	Pier Load (lbs)
1	11.583	6270
2	25.417	6270
3	36.917	8163
4	56.5	8163



GENERAL NOTES:

- PIER LOADS SHOWN ARE TO BE USED TO SIZE THE FOOTINGS BELOW THE MARRIAGEWALL FOR COLUMN SUPPORT PIERS. REFER TO TABLES 6b AND 6c IN THE INSTALLATION MANUAL FOR LOAD ON FRAME PIER FOOTINGS FOR HOMES THAT DO NOT REQUIRE PERIMETER BLOCKING. REFER TO TABLES 7b AND 7c IN THE INSTALLATION MANUAL FOR LOAD ON FRAME PIER FOOTINGS THAT REQUIRE PERIMETER BLOCKING. REFER TO TABLES 10 AND 10a TO DETERMINE FOOTING SIZE FOR ALL PIERS.
- 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).
- FLOOR WIDTH SHOWN IS FOR STANDARD PRODUCT ONLY. CONTACT THE MFG PLANT FOR SPECIFICATIONS OF OPTIONS ORDERED.
- SERVICE DROP LOCATIONS IDENTIFIED ARE APPROXIMATE.
- THE MAXIMUM SPACING FOR FRAME SUPPORT PIERS FOR 8" I-BEAMS IS 8 FEET, 10" & 12" I-BEAMS ARE 10 FEET.

SERVICE DROP LEGEND

- [E] = ELECTRICAL DROP
- [W] = WATER INLET
- [D] = DWV PLUMBING DROP
- [G] = GAS INLET

PIER LEGEND

- [] = SUPPORT UNDER MATING OPENING
- [■] = SUPPORT AT MATING COLUMN
- [] = SUPPORT UNDER MATING WALL
- [■] = PIER PORCH/RECESSED ENTRY
- [] = PIER MAIN BEAM
- [] = PIER PERMETER
- = TIE-DOWN SUPPORT (QTY PER TBL M, SEE DETAIL D-6 IN FOUND. PKG.)

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1,474 SQ. FT. (STD. PLAN "CONDITIONED")	
N/A SQ. FT. (W/OPT. PORCH/RECESS "CONDITIONED")	
CMH	Product # 38M1161
Product Designer: [Signature]	28' x 72' SUEÑO
PIER LOADS	



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