

2X6 PERIMETER WALLS

SALES FLOOR PLAN

DRAWING TITLE:

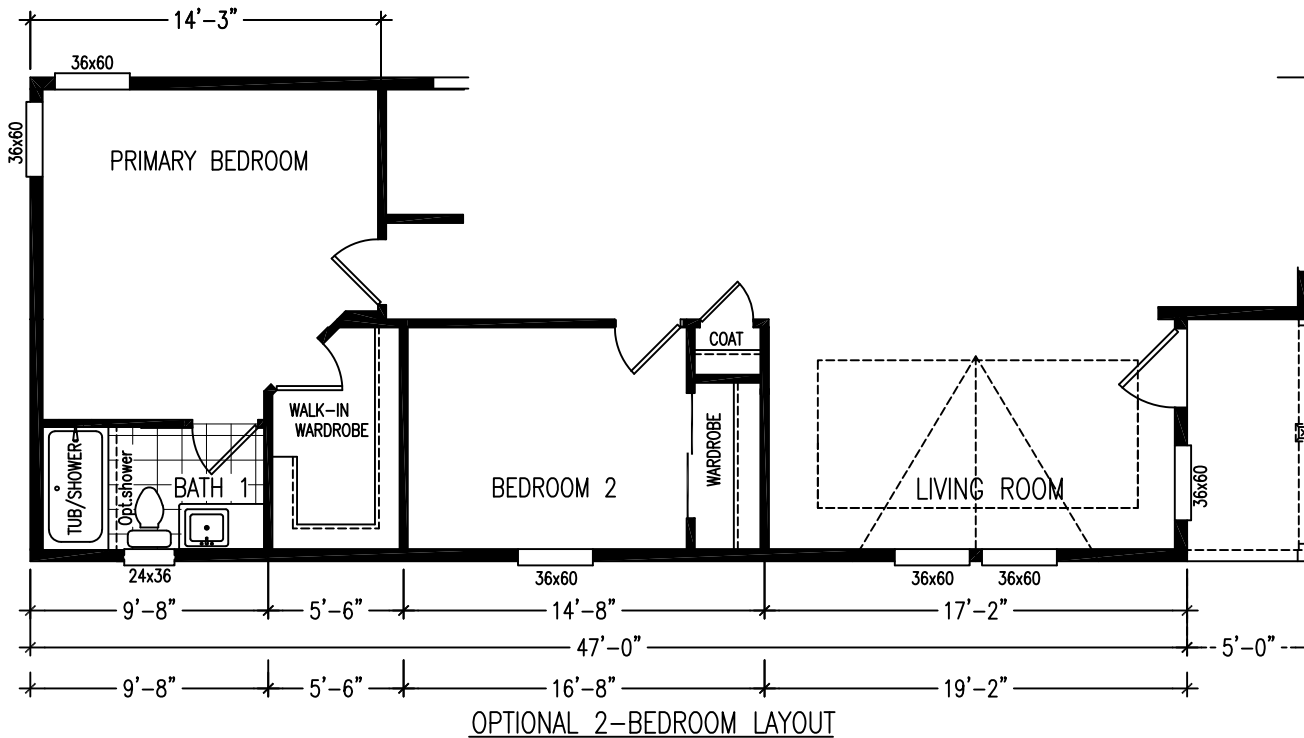
DRAWING FILE INFORMATION:

STANDARD AS OF REVISION DATE

PRODUCT:	FAIRPOINT SERIES	DESIRP.:	CSH20523B	MODEL NO.:	FPT20523B
		SQUARE FT.:	973/1051	DATE:	09/11/14
DRAWN BY:		SHEET:		REVISED:	05-18-2023



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OPT. SALES FLOOR PLAN

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CLAYTON HOME BUILDING GROUP

FAIRPOINT

Model Number	20523B	Drawing Number	FPT20523B
			123

BOX SIZE: 19.67 ft. x 52 ft.

AVG. SIDEWALL HEIGHT = 9 FEET

PERCENTAGE OF CEILING THAT IS VAULTED = 0%

12 INCH DIAMETER XOVER DUCT AREA = 78.5 SQ.FT. MAX. WITH R-8 INSULATION

	FLOOR	WALL	FLAT ROOF
INSULATION VALUES	R-21 OR / R-22	R-19	R-38
DAPIA PAGE	THP-211	THP-556	THP-1189
U VALUE (BTUH/SQ.FT.-F)	0.0433	0.0617	0.0298

DOUBLE WIDE ONLY

Max Glazing

R-11	22.6
R-13	71.1
R-15	116.0
R-11 + R3	121.4
R-13 + R3	157.7
R-15 + R3	182.3

Max Glass (sq ft)	
Th. Zone 1	424.1
Th. Zone 2	191.5
Th. Zone 3	32.9

Max Uo - New Energy Star v3.0		
Category	Single	Multi
1	0.076	0.070
2	0.065	0.063
3	0.056	0.053

		Area	U Value	UA
Doors:	Front	21.00	0.300	6.30
	Rear	20.00	0.300	6.00
	Other Door	0.00	0.270	0.00
	Other Door	0.00	0.330	0.00
	OSB	0.00	0.000	0.00
	Std	134.00	0.290	38.86
Window Glass Area:	Opt	0.00	0.280	0.00
	Net:			
	Floor	1022.67	0.043	44.28
	Wall	1115.00	0.062	68.80
	Ceiling	1022.67	0.0298	30.48
Th. Zone 1:	Ext. Duct	78.50	0.242	18.98
Th. Zone 2:	Ext. Duct	78.50	0.223	17.48
Th. Zone 3:	Ext. Duct	78.50	0.206	16.14
Overhead TZ 1:	Supply	0.00	0.00	0.00
Overhead TZ 2:	Supply	0.00	0.00	0.00
Overhead TZ 3:	Supply	0.00	0.00	0.00

		Outdoor Design Temp (F)	UA	Uo	Heatloss BTUH/F
Thermal Zone 1	11	213.70	0.063	314.00	
Thermal Zone 2	0	212.19	0.062	312.50	
Thermal Zone 3	-14	210.85	0.062	311.20	

Design Temperatures

Furnace Heating Temp (F)	Economy Outdoor Temp (F)	
-39	-6	10kW
-60	-21	12kW
-93	-44	15kW
-57	-19	40k Gas
-121	-64	60k Gas
-185	-108	80k Gas

Thermal Zone	U-Value	Thermal Zone	U-Value	Thermal Zone	U-Value
1	0.116	2	0.096	3	0.079
1-EHP-S	0.080	2-EHP-S	0.080	3-EHP-S	0.079
1-GAS-S	0.080	2-GAS-S	0.080	3-GAS-S	0.071
1-ENV-S	0.076	2-ENV-S	0.067	3-ENV-S	0.059
1-EHP-M	0.074	2-EHP-M	0.074	3-EHP-M	0.074
1-GAS-M	0.074	2-GAS-M	0.074	3-GAS-M	0.065
1-ENV-M	0.071	2-ENV-M	0.064	3-ENV-M	0.056