













































ECM	Description	Cost		Sav	ings	SPB (Years)	SF In Year
A.45	Varying the Orientation - No Cost	\$		\$	98.72	0.0	NO Cost ECN
A.90	Varying the Orientation - No Cost	Ś		Ś	5.69	0.0	NO Cost ECN
A.135	Varying the Orientation - No Cost	\$		\$	44.71	0.0	NO Cost ECN
A.180	Varying the Orientation - No Cost	Ś		Ś	(107.78)	0.0	NO IMPROVEMENT
A.225	Varying the Orientation - No Cost	\$		\$	(152.90)	0.0	NO IMPROVEMENT
A.270	Varying the Orientation - No Cost	\$		\$	(156.24)	0.0	NO IMPROVEMENT
A.315	Varying the Orientation - No Cost	Ś		Ś	26.39	0.0	NO Cost ECN
C.1	Change 3" exterior Polyisocyanurate to 3.5" exterior	\$	84,274.71	\$	330.02	255.4	
C.2	Change 3" exterior Polyisocyanurate to 4" exterior	Ś	94,678,99	Ś	592.28	159.9	
C.3	Change 3" exterior Polyisocyanurate to 5" exterior	\$	187,277.13	\$	993.39	188.5	
C.4	ICF Wall: air film, 4" brick, air space, 1.5" Polyurethane, 6"	\$	252,986.52	\$	755.20	335.0	
C.5	Changed 1-1/4" Polystyrene to 3" ploviso	Ś	66.031.59	Ś	877.44	75.3	
C.6	Changed 1-1/4" Polystyrene to 2" ployiso	\$	8,923.19	\$	686.98	13.0	17
C.7	Changed 1-1/4" Polystyrene to 1 1/2" polyurethane	Ś		Ś	438.10	0.0	NO Cost ECN
	Steel wall stud layers; air film, 4" face brick, air space, 3.5"						
C.8	polyiso, 2x6 steel wall 16 O.C. R-19 batt insul, gypsum board air film	\$	(255,556.89)	\$	868.51	-294.2	NO Cost ECN
	Steel wall stud layers: air film, 4" face brick, air space, 2"						
C.9	polyiso, 2x6 steel wall 16 O.C. R-19 batt insul, gypsum board air film	\$	(309,542.18)	\$	739.09	-418.8	NO Cost ECN
C.10	Steel wall stud layers: air film, 4" face brick, air space, 1.5" Polystyrene, 2x6 steel wall 16 O.C. R-19 batt insul, 1/2" GYP board, air film	\$	(326,942.39)	\$	495.87	-659.3	NO Cost ECN
C.11	Steel wall stud layers: air film, 4" face brick, air space, 3" Polystyrene, 2x6 steel wall 16 O.C. No batt insul, 1/2" GYP board, air film	\$	(313,557.61)	\$	500.51	-626.5	NO Cost ECN
C.12	Light Vapor Barrior	\$		\$	(180.49)	0.0	NO IMPROVEMENT
C.13	Medium Vapor Barrior	\$	42,385.14	\$	725.60	58.4	
C.14	Heavy Vapor Barrier	\$	84,770.28	\$	1,573.12	53.9	
	Wall: air film, 4" brick, air space, 1.5" Polyurethane, 6" 140lb						
° 15	conc., 1.5" Polyurethane, 1/2" gyp board, air film; for roof: Changed 3" exterior Polyisocyanurate to 5" exterior	\$	440,263.65	\$	1,553.44	283.4	
	olyisocyanurate						



















