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 HOUSE SPECIFICATIONS 	
 Conditioned Floor Area 	2,495 sq ft
 Total Floor Area 	2,910 sq ft
 Typical Wall Height 	9'-11 _"
 Total Conditioned Volume 	24,850cu ft
 Length of Exterior Wall 	252 In ft
 Length of Interior Wall 	340 In ft
Building Science Corporation 2007	Joseph Lstiburek – Wood 61

CASE STUDY			
• 2x4 16" oc WALL			
	8' Studs	Bd Ft	Cost
 Ext Wall 	467	1634 bd ft	\$ 866
 Ext Plate 	95	331 bd ft	\$ 175
 Int Wall 	715	2502 bd ft	\$1326
 Int Plate 	126	446 bd ft	\$ 237
- Header		273 bd ft	\$ 145
- TOTAL WALL F	RAME COST	\$2749	
Dutidities Onlinear Originalities			
2007			Joseph Lstiburek – Wood 62

CASE STUDY			
 2x6 24" oc ADVA 	NCED FRAM	IE WALL	
	8'Studs	Bd Ft	Cost
 Ext Wall 	238	1312 bd ft	\$695
 Ext Plate 	63	347 bd ft	\$183
 Int Wall 	279	977 bd ft	\$518
 Int Plate 	85	298 bd ft	\$158
- Header		148 bd ft	\$78
- TOTAL WALL F	RAME COST	\$1632	
Building Science Corporation			

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CASE STUDY	(
WOOD FRAME WALL SUMMARY					
	2x4	2x6	REDUCED BY		
– 8' Studs	1403	665	(-738 / -52%)		
– Bd Ft	5186	3082	(-2104 / -40%)		
- COST	\$2749	\$1632	(-\$1117 / -40%)		
Building Science Corporati	ion				
2007 Joseph Lstiburek – Wood 64					





































































































