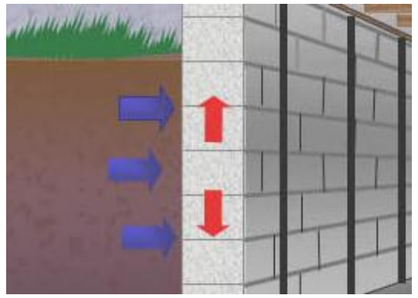
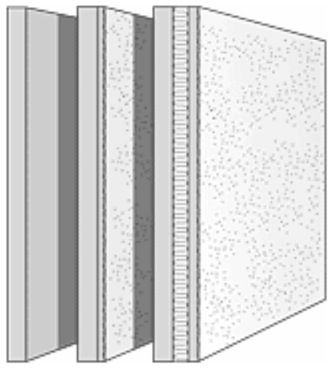
BUILDING COMPONENT ANALYSES	**BCA №:02**			**SUBJECT: BASEMENT EXTERNAL WALL**				**NAME: CRISTINA MIRET ROMAN** **CLASS: CAHS72**	
BLOCK WALL 	BR demand:								
	Fire	Sound	U-value	Date:	Poor	Acceptable	Good	Remarks:	
	BS 60	R'w=52 dB	U=0.20	Appearance:			x	**BLOCK WALL** There are structural disadvantages from a basement wall made out of blocks. It cannot withstand the soil pressure as easy as sandwich elements.	
				Life expectancy:			x		
	Actual:			Execution (of work):		x			
	BS 60	R'w=52 dB	U=0.20	Operation &maintenance:		x			
				Price:			x		
				Environmental compatibility:			x		
CONCRETE WALL 	BR demand:								
	Fire	Sound	U-value	Date:				Remarks:	
	BS 60	R'w=52 dB	U=0.20	Appearance:			x	**CONCRETE WALL** Structural masonry material made by mixing broken stone or gravel with sand, cement, and water and allowing the mixture to harden into a solid mass. The cement is the chemically active element, or matrix; the sand and stone are the inert elements, or aggregate. Concrete is adaptable to widely varied structural needs, is available practically anywhere, is fire resistant, and can be used by semiskilled workers. Concrete basement walls are designed to do two main jobs. One job is supporting the house; the other is holding back the pressure of soil against the side of the basement.	**OK**
				Life expectancy:		x			
	Actual:			Execution (of work):		x			
	BS 60	R'w=52 dB	U=0.20	Operation &maintenance:		x			
				Price:			x		
				Environmental compatibility:			x		

BUILDING COMPONENT ANALYSES	**BCA №:02**			**SUBJECT: BASEMENT INTERNAL WALL**				**NAME: CRISTINA MIRET ROMAN** **CLASS: CAHS72**	
CONCRETE WALL 	BR demand:								
	Fire	Sound	U-value	Date:				Remarks:	**OK**
	REI 60			Appearance:			x		
				Life expectancy:			X		
				Execution (of work):			x		
	Actual:								
				Operation &maintenance:			x		
				Price:			x		
				Environmental compatibility:			x		