



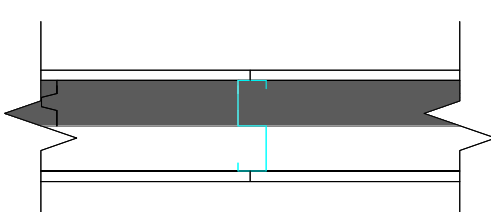
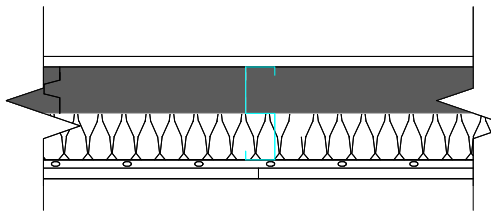
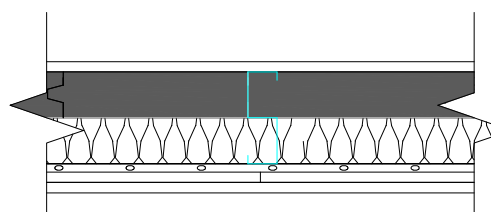
5 ½" and 8" S.T.E.P.

FIRE RESISTANCE RATINGS (ASTM E119), STC, & OITC TABLES

04-11-11

**accel-E™ 5 ½" Non Load Bearing
accel-E™ 8" Non Load Bearing
accel-E™ 8" Load Bearing**

5 1/2"
STUD DEPTH

ASTM E119 (NON-LOAD BEARING) and STC/OITC TABLES				
LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING
ATI REPORT 76205.01C PASSED ASTM E119-079 SwRi REPORT: 01.15435.01.001a[1]	<ul style="list-style-type: none"> 5/8" FIBERGLASS MATS EXTERIOR GYPSUM SHEATHING 5 1/2" ACCEL-E PANEL STUDS @ 24" O/C 5/8" TYPE-X GYPSUM 	accel-E38 41	30	1-HOUR
RATED FROM BOTH SIDES				
				
LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING
ATI REPORT 76205.01A PASSED ASTM E119-079 SwRi ENGINEERING EVALUATION 01.13537.01.112a	<ul style="list-style-type: none"> 5/8" EXTERIOR TYPE-X GYPSUM¹ 5 1/2" ACCEL-E PANEL STUDS @ 24" O/C 2" R8.33 GLASS FIBER INSULATION 25 GA RESILIENT CHANNEL SPACED @ 24" O/C 5/8" TYPE-X GYPSUM 	accel-E38 51	34	1-HOUR
RATED FROM BOTH SIDES				
				
LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING
ATI REPORT 76205.01B PASSED ASTM E119-079 SwRi ENGINEERING EVALUATION 01.13537.01.112a	<ul style="list-style-type: none"> 5/8" EXTERIOR TYPE-X GYPSUM¹ 5 1/2" ACCEL-E PANEL STUDS @ 24" O/C 2" R8.33 GLASS FIBER INSULATION 25 GA RESILIENT CHANNEL SPACED @ 24" O/C (2) 5/8" TYPE-X GYPSUM 	accel-E38 55	37	1-HOUR
RATED FROM BOTH SIDES				
				

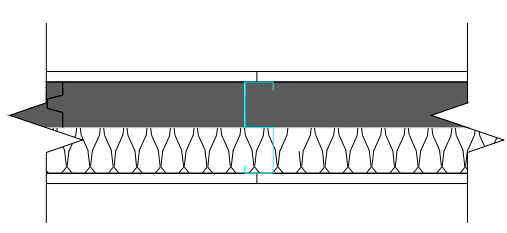
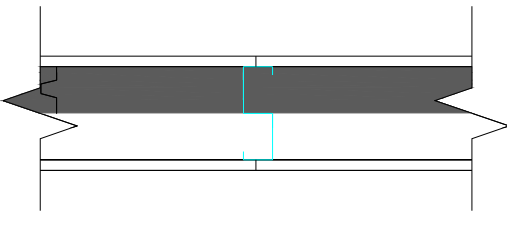
Notes:

¹ - Approved Veneer Alternate: 7/8" stucco with cement plaster and lath; a secondary water- resistive barrier can be installed between the accel-E panel and lath. The secondary water-resistive barrier shall not be full coverage asphalt or butyl-based self adhered membranes. Ref. Hughes Associates Evaluation 1JJB05352.000

5 1/2"

STUD DEPTH

ASTM E119 (NON-LOAD BEARING) and STC/OITC TABLES

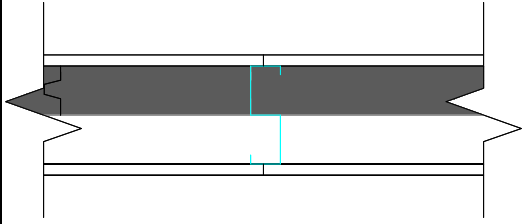
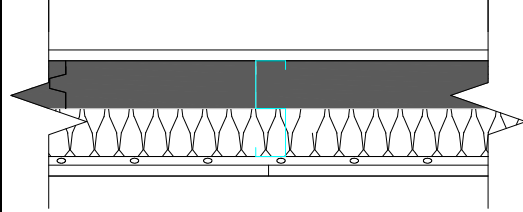
LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING
PASSED ASTM E119-079 SwRi REPORT: 01.13669.01.001	accel-E38 <ul style="list-style-type: none"> 5/8" EXTERIOR TYPE-X GYPSUM¹ 5 1/2" ACCEL-E PANEL STUDS @ 24" O/C 3" ROCKWOOL INSULATION 2.5 PCF DENSITY 5/8" TYPE-X GYPSUM 	N/A	N/A	1-HOUR
		RATED FROM BOTH SIDES		
				
LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING
ATI REPORT 76205.01C PASSED ASTM E119-079 SwRi REPORT: 01.13669.01.006	accel-E38 <ul style="list-style-type: none"> 5/8" EXTERIOR TYPE-X GYPSUM¹ 5 1/2" ACCEL-E PANEL STUDS @ 24" O/C 5/8" TYPE-X GYPSUM 	41	30	1-HOUR
		RATED FROM INTERIOR SIDE ONLY		
				

Notes:

¹ - Approved Veneer Alternate: 7/8" stucco with cement plaster and lath; a secondary water- resistive barrier can be installed between the accel-E panel and lath. The secondary water-resistive barrier shall not be full coverage asphalt or butyl-based self adhered membranes. Ref. Hughes Associates Evaluation 1JJB05352.000

8"

STUD DEPTH

ASTM E119 (NON-LOAD BEARING) and STC/OITC TABLES				
LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING
		accel-E38	45	31
		accel-E54	N/A	N/A
	RATED FROM BOTH SIDES			
ATI REPORT 76307.01C PASSED ASTM E119-079 SwRi REPORT: 01.13669.01.003	<ul style="list-style-type: none"> • 5/8" EXTERIOR TYPE-X GYPSUM¹ • 8" ACCEL-E PANEL STUDS @ 24" O/C • 5/8" TYPE-X GYPSUM 			
		accel-E38	54	36
		accel-E54	N/A	N/A
		RATED FROM BOTH SIDES		
ATI REPORT 76307.01A PASSED ASTM E119-079 SwRi ENGINEERING EVALUATION 01.13537.01.112a	<ul style="list-style-type: none"> • 5/8" EXTERIOR TYPE-X GYPSUM¹ • 8" ACCEL-E PANEL STUDS @ 24" O/C • 3 1/2" R13 GLASS FIBER INSULATION • 25 GA RESILIENT CHANNEL SPACED @ 24" O/C • (1) 5/8" TYPE-X GYPSUM 			

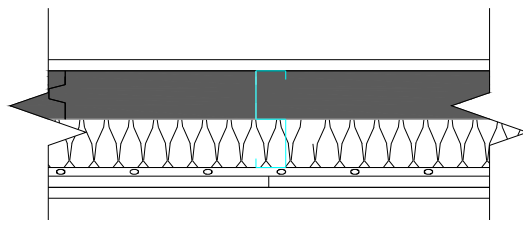
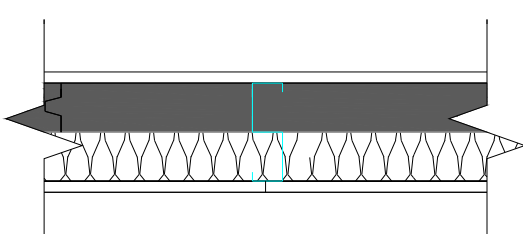
Notes:

¹ - Approved Veneer Alternate: 7/8" stucco with cement plaster and lath; a secondary water- resistive barrier can be installed between the accel-E panel and lath. The secondary water-resistive barrier shall not be full coverage asphalt or butyl-based self adhered membranes. Ref. Hughes Associates Evaluation 1JJB05352.000

8"

STUD DEPTH

ASTM E119 (NON-LOAD BEARING) and STC/OITC TABLES

LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING	
ATI 76307.01B PASSED ASTM E119-079 SwRi ENGINEERING EVALUATION 01.13537.01.112a	<ul style="list-style-type: none"> • 5/8" EXTERIOR TYPE-X GYPSUM¹ • 8" ACCEL-E PANEL STUDS @ 24" O/C • 3 1/2" R13 GLASS FIBER INSULATION • 25 GA RESILIENT CHANNEL SPACED @ 24" O/C • (2) 5/8" TYPE-X GYPSUM 	accel-E38	57	40	1 1/2 HOUR
		accel-E54	N/A	N/A	1 1/2-HOUR
		RATED FROM INTERIOR SIDE ONLY			
					
LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING	
PASSED ASTM E119-079 SwRi REPORT: 01.13669.01.001 AND 01.13669.01.003	<ul style="list-style-type: none"> • 5/8" EXTERIOR TYPE-X GYPSUM¹ • 8" ACCEL-E PANEL STUDS @ 24" O/C • 3" ROCKWOOL INSULATION 2.5 PCF DENSITY • 5/8" TYPE "X" GYPSUM 	accel-E38	N/A	N/A	1-HOUR
		accel-E54	N/A	N/A	1-HOUR
		RATED FROM BOTH SIDES			
					

Notes:

¹ - Approved Veneer Alternate: 7/8" stucco with cement plaster and lath; a secondary water- resistive barrier can be installed between the accel-E panel and lath. The secondary water-resistive barrier shall not be full coverage asphalt or butyl-based self adhered membranes. Ref. Hughes Associates Evaluation 1JJB05352.000

8"

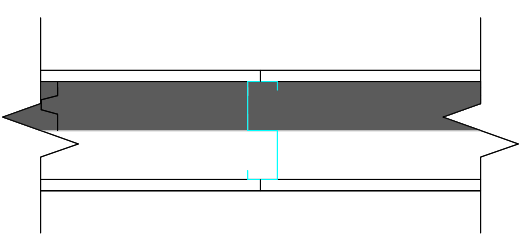
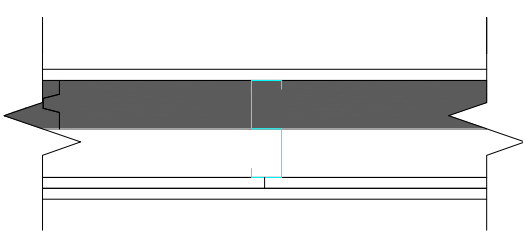
STUD DEPTH

**ASTM E119 (NON-LOAD BEARING)
and STC/OITC TABLES**

LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION*	SECTION STC	SECTION OITC	FIRE RATING
<p>PASSED ASTM E119-10 SwRi REPORT: 01.15435.01.002</p>		accel-E38	N/A	2-HOUR
		accel-E54	N/A	2-HOUR
	RATED FROM BOTH SIDES			
	<ul style="list-style-type: none"> • (2) layers 5/8" TYPE "X" GYPSUM • 8" ACCEL-E PANEL • STUDS @ 24" O/C • (2) layers 5/8" TYPE "X" GYPSUM 			

8"

STUD DEPTH

ASTM E119 (LOAD BEARING) and STC/OITC TABLES					
LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING	
PASSED ASTM E119-079 SwRi REPORT: 01.15435.01.001b	<ul style="list-style-type: none"> ● 5/8" FIBERGLASS MATS EXTERIOR GYPSUM SHEATHING ● 8" ACCEL-E PANEL STUDS @ 24" O/C ● DIETRICH 5400 MODIFIED SPAZZER ● 5/8" GEORGIA-PACIFIC DENSARMOR PLUS® 	accel-E38	45	31	1 HOUR
		accel-E54	N/A	N/A	N/A
		RATED FROM BOTH SIDES			
					
LABORATORY DATA FILE NO.	ASSEMBLY DESCRIPTION	SECTION STC	SECTION OITC	FIRE RATING	
PASSED ASTM E119-079 SwRi REPORT: 01.13669.01.004	<ul style="list-style-type: none"> ● 5/8" EXTERIOR TYPE-X GYPSUM¹ ● 8" ACCEL-E PANEL STUDS @ 24" O/C ● DIETRICH 5400 MODIFIED SPAZZER ● (2) LAYERS 5/8" TYPE-X GYPSUM 	accel-E38	N/A	N/A	1 1/2 HOUR
		accel-E54	N/A	N/A	N/A
		RATED FROM INTERIOR SIDE ONLY			
					

Notes:

¹ - Approved Veneer Alternate: 7/8" stucco with cement plaster and lath; a secondary water- resistive barrier can be installed between the accel-E panel and lath. The secondary water-resistive barrier shall not be full coverage asphalt or butyl-based self adhered membranes. Ref. Hughes Associates Evaluation 1JJB05352.000