

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL SLAB R-VALUE = 10			
		<ul style="list-style-type: none"> - FINISH FLOOR PER SCHEDULE - 4" CONCRETE SLAB WITH FIBER REINFORCING (SEE STRUCTURAL DRAWINGS) - 2" EXTRUDED POLYSTYRENE INSULATION BOARD (R-16) - HIGH DENSITY POLYETHYLENE MOISTURE BARRIER (15 MIL) - 6" CRUSHED STONE FILL (SEE STRUCTURAL DRAWINGS) (NOTE 12" OF STONE AT RADON PIPES) - GEO-TEXTILE FABRIC UNDER WHOLE SLAB - UNDISTURBED EARTH 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
S1	N/A	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		<ul style="list-style-type: none"> - FINISHED FLOOR PER SCHEDULE - 1/8" RUBBER MEMBRANE FLOOR - 1/4" UNDERLAYMENT AT RESILIENT SHEET FLOORING - REINFORCED CONCRETE COMPOSITE SLAB ON GALVANIZED STEEL CORRUGATED DECK (SEE STRUCTURAL DRAWINGS) - STEEL BEAMS (SEE STRUCTURAL DRAWINGS) WITH 3 HR SPRAYED ON FIRE PROOFING - 2" SPRAY FOAM BELOW LOWEST FLUTE - INTUMESCENT PAINT APPLIED DIRECTLY TO SPRAY FOAM 			
		TYPE	FIRE RATING	UL NUMBER	STC RATING
F4	3 HR	D902	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL ROOF R-VALUE = 50.2			
		<ul style="list-style-type: none"> - ROOF MEMBRANE - 1/2" ROOF UNDERLAYMENT - TAPERED INSULATION AS INDICATED ON PLAN - 1" POLYISOCYANURATE RIGID INSULATION (R-6.7) - 5/8" TYPE 'X' EXTERIOR GYPSUM SHEATHING ROOF UNDERLAYMENT - 1-1/2" CORRUGATED STEEL DECK (SEE STRUCTURAL DRAWINGS) - 6" LIGHT GAUGE STEEL FRAMING AT 12" O.C. (SEE STRUCTURAL DRAWINGS) - 6" SPRAY APPLIED FOAM INSULATION (R-40.2) - 1/2" METAL HAT CHANNEL - (4) LAYERS OF 5/8" TYPE 'X' GWB 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
R3	2 HR	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 29.4			
		<ul style="list-style-type: none"> - FIBERCEMENT LAP SIDING 6" EXPOSURE HIDDEN FASTENERS - DRAINAGE PLANE (SHOWN DASHED) - 1/2" EXTERIOR PLYWOOD SHEATHING - 2" POLYISOCYANURATE RIGID INSULATION BOARD (R-13 MIN) - 15/32" EXTERIOR PLYWOOD SHEATHING (SEE STRUCTURAL DRAWINGS) - 2X6 WOOD STUDS AT 16" O.C. (SEE STRUCTURAL DRAWINGS) - PROVIDE 2X6 CONTINUOUS BLOCKING AT MID-HEIGHT OF WALL - 5-1/2" SPRAY APPLIED DENSE-PACK CELLULOSE INSULATION (R-20.9 MIN) NOMINAL DENSITY 3.5LB - MESH NETTING AS REQUIRED - 8" CONCRETE MASONRY UNIT (FIRE RATED) REFER TO STRUCTURAL DRAWINGS FOR REINFORCING AND CELL GROUT DETAILS - PT STRAPPING - 5/8" HIGH IMPACT GWB 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E5	2 HR	U905	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 29.4			
		<ul style="list-style-type: none"> - FIBERCEMENT LAP SIDING 6" EXPOSURE HIDDEN FASTENERS - DRAINAGE PLANE (SHOWN DASHED) - 1/2" EXTERIOR PLYWOOD SHEATHING - 2" POLYISOCYANURATE RIGID INSULATION BOARD (R-13 MIN) - 15/32" EXTERIOR PLYWOOD SHEATHING (SEE STRUCTURAL DRAWINGS) - 2X6 WOOD STUDS AT 16" O.C. (SEE STRUCTURAL DRAWINGS) - PROVIDE 2X6 CONTINUOUS BLOCKING AT MID-HEIGHT OF WALL - 5-1/2" SPRAY APPLIED DENSE-PACK CELLULOSE INSULATION (R-20.9 MIN) NOMINAL DENSITY 3.5LB - MESH NETTING AS REQUIRED - LAYER OF 5/8" GWB 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E1	N/A	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL FLOOR R-VALUE = 38			
		<ul style="list-style-type: none"> - FINISHED FLOOR PER SCHEDULE - 1/8" RUBBER MEMBRANE FLOOR - 1/4" UNDERLAYMENT AT RESILIENT SHEET FLOORING - REINFORCED CONCRETE COMPOSITE SLAB ON GALVANIZED STEEL CORRUGATED DECK (SEE STRUCTURAL DRAWINGS) - STEEL BEAMS (SEE STRUCTURAL DRAWINGS) WITH 3 HR SPRAYED ON FIRE PROOFING - 12" FIBERGLASS BATT INSULATION (R-38 MIN.) WITH KRAFT FACING ON TOP SIDE - GALVANIZED STEEL HANGER WIRE ATTACHED TO STEEL DECK - STEEL FRAMING MEMBERS, MAIN RUNNERS 18" WIDE FACE 48" O.C. - CROSS CHANNELS 24" O.C. - LAYER OF 5/8" EXTERIOR DENSGLAS ATTACHED PERPENDICULAR TO CHANNELS, JOINTS STAGGERED - SKIM COAT ENTIRE CEILING WITH EXTERIOR SKIM PRODUCT PER DENSGLAS MANUFACTURERS INSTRUCTIONS 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
F1	3 HR	D902	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		<ul style="list-style-type: none"> - FINISHED FLOOR PER SCHEDULE - 1/8" RUBBER MEMBRANE FLOOR - 1/4" UNDERLAYMENT AT RESILIENT SHEET FLOORING - REINFORCED CONCRETE COMPOSITE SLAB ON GALVANIZED STEEL CORRUGATED DECK (SEE STRUCTURAL DRAWINGS) - STEEL BEAMS (SEE STRUCTURAL DRAWINGS) WITH 3 HR SPRAYED ON FIRE PROOFING - RESILIENT METAL HAT CHANNEL STRAPPING AT 16" O.C. - 1/2" TYPE 'X' GWB CEILING 			
		TYPE	FIRE RATING	UL NUMBER	STC RATING
F5	3 HR	D902	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL ROOF R-VALUE = 50.25			
		<ul style="list-style-type: none"> - ROOF MEMBRANE - TAPERED POLYISOCYANURATE INSULATION AS INDICATED ON ROOF PLAN - 1" POLYISOCYANURATE RIGID INSULATION (R-6.7) - 5/8" ROOF SHEATHING (SEE STRUCTURAL DRAWINGS) - 2X6 OR 5-1/2" LVL WOOD FRAMING 16" O.C. SLOPED (SEE STRUCTURAL DRAWINGS) - 6" SPRAY APPLIED FOAM INSULATION (R-40.2) - LAYER 5/8" TYPE 'X' GWB - HANGER WIRE ATTACHED TO JOISTS - ACOUSTICAL CEILING TILE MAIN RUNNER SUPPORT SYSTEM AND CROSS MEMBERS - ACOUSTICAL CEILING TILE 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
R4	N/A	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 30.3			
		<ul style="list-style-type: none"> - FIBERCEMENT PANEL SIDING - STAINLESS STEEL EXPOSED FASTENERS - COLORMATCHED TO SIDING COLOR - METAL JOINT TRIM AND FLASH JOINTS PER MANUFACTURERS INSTRUCTIONS - VERTICAL 3/4" GALVANIZED STEEL HAT CHANNEL 12" O.C. MAX. - 2" HORIZONTAL Z-FURRING 24" O.C. - 2" EXTRUDED POLYSTYRENE RIGID INSULATION BOARD (R-10 MIN) - DRAINAGE PLANE (SHOWN DASHED) - 6" 18 GAUGE METAL STUDS 16" O.C. PROVIDE CONTINUOUS 6" HORIZONTAL BLOCKING AT MID-HEIGHT OF WALL - 6" SPRAY APPLIED DENSE-PACK CELLULOSE INSULATION (R-22.8 MIN) NOMINAL DENSITY 3.5LB / CUBIC FT - MESH NETTING AS REQUIRED - LAYER OF 5/8" TYPE-X GWB 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E6	1 HR	SIM. U418	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 29.4			
		<ul style="list-style-type: none"> - FIBERCEMENT PANEL SIDING - STAINLESS STEEL EXPOSED FASTENERS - COLORMATCHED TO SIDING COLOR - METAL JOINT TRIM AND FLASH JOINTS PER MANUFACTURERS INSTRUCTIONS - VERTICAL 3/4" GALVANIZED STEEL HAT CHANNEL 12" O.C. MAX. - 2" HORIZONTAL Z-FURRING 24" O.C. - 2" EXTRUDED POLYSTYRENE RIGID INSULATION BOARD (R-10 MIN) - DRAINAGE PLANE (SHOWN DASHED) - 6" 18 GAUGE METAL STUDS 16" O.C. PROVIDE CONTINUOUS 6" HORIZONTAL BLOCKING AT MID-HEIGHT OF WALL - 5-1/2" SPRAY APPLIED DENSE-PACK CELLULOSE INSULATION (R-20.9 MIN) NOMINAL DENSITY 3.5LB - MESH NETTING AS REQUIRED - LAYER OF 5/8" GWB 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E2	N/A	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		<ul style="list-style-type: none"> - FINISHED FLOOR PER SCHEDULE - UNDERLAYMENT PER FLOORING MANUFACTURERS INSTRUCTIONS - WATERPROOF MEMBRANE AT TILE FLOORING - 1/2" PLYWOOD SHEATHING - 1/2" HOMASOTE SOUND BOARD - 3/4" TONGUE AND GROOVE FLOOR SHEATHING (SEE STRUCTURAL DRAWINGS) - 2X4 WOOD TRUSSES SPACED 16" O.C. MAX (SEE STRUCTURAL DRAWINGS) - COMPLETELY FILL CAVITY WITH GLASS FIBER SOUND BATT INSULATION - SOUND CLIPS (GENIE CLIP OR EQUAL) - 7/8" MTL HAT CHANNELS 16" O.C. - LAYER OF 5/8" TYPE 'X' GWB ATTACHED PERPENDICULAR TO CHANNELS, JOINTS STAGGERED - AT DROPPED CEILINGS FRAME CEILINGS WITH 2X4 AT 16" O.C. WITH 2X4 HANGER FRAMING AT 48" O.C. TO TRUSSES ABOVE (NOTE THE 5/8" TYPE X GWB IS REQUIRED AT THE TRUSS LEVEL AS WELL AS THE GWB ON THE DROPPED CEILING) 			
		TYPE	FIRE RATING	UL NUMBER	STC RATING
F2	1 HR	L546	54-55	55	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL ROOF R-VALUE = 52 (MIN)			
		<ul style="list-style-type: none"> - GREEN ROOF SYSTEM (STONE BALLAST IN SOME AREAS) - ROOF PROTECTION LAYER - ROOF MEMBRANE - VECTOR MAPPING LAYER (PROVIDE POWER) - 1/2" ROOF UNDERLAYMENT - TAPERED POLYISOCYANURATE INSULATION AS INDICATED ON ROOF PLAN - 1" POLYISOCYANURATE RIGID INSULATION (R-6.7) - 5/8" ROOF SHEATHING (SEE STRUCTURAL DRAWINGS) - 2X TAPERED ROOF TRUSSES 16" O.C. (SEE STRUCTURAL DRAWINGS) - BLOWN IN CELLULOSE INSULATION - COMPLETELY FILL CAVITY (R-45.3 MIN) PROVIDE SCRIM AS REQUIRED - VAPOR BARRIER - 1/2" MTL HAT CHANNELS 16" O.C. - LAYER OF 5/8" GWB 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
R1	N/A	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 10			
		<ul style="list-style-type: none"> - LAP OR PANEL SIDING (SEE ELEVATION) - DRAINAGE PLANE (SHOWN DASHED) - 1/2" EXTERIOR PLYWOOD SHEATHING - 2" POLYISOCYANURATE RIGID INSULATION BOARD (R-13 MIN) - 15/32" EXTERIOR PLYWOOD SHEATHING (SEE STRUCTURAL DRAWINGS) - 2" XPS RIGID INSULATION (R-10) - DRAINAGE BOARD LAYER (MEL-DRAIN) - SELF ADHERED SHEET MEMBRANE FOUNDATION WATERPROOFING (MEL-ROL) - REINFORCED CONCRETE FOUNDATION WALL 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E10	N/A	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 10			
		<ul style="list-style-type: none"> - CRUSHED STONE BACK-FILL (SEE STRUCTURAL DRAWINGS) - 2" XPS RIGID INSULATION (R-10) - DRAINAGE BOARD LAYER (MEL-DRAIN) - SELF ADHERED SHEET MEMBRANE FOUNDATION WATERPROOFING (MEL-ROL) - REINFORCED CONCRETE FOUNDATION WALL 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E7	N/A	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 29.4			
		<ul style="list-style-type: none"> - FIBER-CEMENT LAP SIDING 6" EXPOSURE HIDDEN FASTENERS - DRAINAGE PLANE (SHOWN DASHED) - 1/2" FIRE-TREATED EXTERIOR PLYWOOD SHEATHING - 2" POLYISOCYANURATE RIGID INSULATION BOARD (R-13 MIN) - 15/32" FIRE-TREATED EXTERIOR PLYWOOD SHEATHING (SEE STRUCTURAL DRAWINGS) - 6" LIGHT GAUGE METAL FRAMING AT 16" O.C. (SEE STRUCTURAL DRAWINGS) - PROVIDE 2X6 CONTINUOUS BLOCKING AT MID-HEIGHT OF WALL - 6" SPRAY APPLIED DENSE-PACK CELLULOSE INSULATION (R-20.9 MIN) NOMINAL DENSITY 3.5LB - MESH NETTING AS REQUIRED - LAYER OF 5/8" HIGH IMPACT GWB 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E3	N/A	N/A	N/A	N/A	

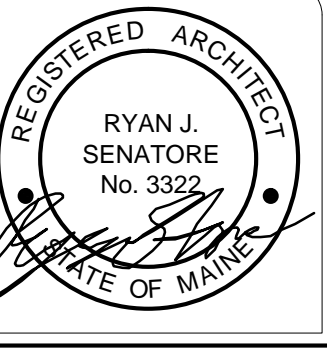
GRAPHIC DEPICTION		DESCRIPTION			
		<ul style="list-style-type: none"> - FINISHED FLOOR PER SCHEDULE - 1/2" PLYWOOD SHEATHING - 1/2" HOMASOTE SOUND BOARD - 3/4" TONGUE AND GROOVE FLOOR SHEATHING (SEE STRUCTURAL DRAWINGS) - 2X6 OR 5-1/2" LVL WOOD JOISTS 12" O.C. (SEE STRUCTURAL DRAWINGS) - 6" ROXUL SOUND BATT INSULATION - 1/2" MTL RESILIENT CHANNELS 16" O.C. - LAYER 5/8" TYPE 'X' GWB - HANGER WIRE ATTACHED TO JOISTS - ACOUSTICAL CEILING TILE MAIN RUNNER SUPPORT SYSTEM AND CROSS MEMBERS - ACOUSTICAL CEILING TILE 			
		TYPE	FIRE RATING	UL NUMBER	STC RATING
F3	1 HR	N/A	50	58-60	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL ROOF R-VALUE = 52 (MIN)			
		<ul style="list-style-type: none"> - 5/4X6 COMPOSITE DECKING WITH HIDDEN FASTENERS - 2X PRESSURE TREATED SLEEPERS 12" O.C. - TAPERED BOTTOM SET ON STRIP OF ROOF MEMBRANE - ROOF MEMBRANE - 1/2" ROOF UNDERLAYMENT - TAPERED POLYISOCYANURATE INSULATION AS INDICATED ON ROOF PLAN - 1" POLYISOCYANURATE RIGID INSULATION (R-6.7) - 5/8" ROOF SHEATHING (SEE STRUCTURAL DRAWINGS) - 2X ROOF TRUSSES 16" O.C. (SEE STRUCTURAL DRAWINGS) - BLOWN IN CELLULOSE INSULATION - COMPLETELY FILL CAVITY (R-45.3 MIN) PROVIDE SCRIM AS REQUIRED - VAPOR BARRIER - SOUND CLIPS (GENIE CLIP OR EQUAL) - 7/8" MTL HAT CHANNELS 16" O.C. - LAYER OF 5/8" TYPE 'X' GWB ATTACHED PERPENDICULAR TO CHANNELS, JOINTS STAGGERED 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
R2	1 HR	SIM L546	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 10			
		<ul style="list-style-type: none"> - REINFORCED CONCRETE FOUNDATION WALL - 1/2" MTL RESILIENT CHANNEL 16" O.C. - 5/8" HIGH IMPACT GWB 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E9	N/A	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 10			
		<ul style="list-style-type: none"> - CRUSHED STONE BACK-FILL (SEE STRUCTURAL DRAWINGS) - 2" XPS RIGID INSULATION (R-10) - DRAINAGE BOARD LAYER (MEL-DRAIN) - SELF ADHERED SHEET MEMBRANE FOUNDATION WATERPROOFING (MEL-ROL) - REINFORCED CONCRETE FOUNDATION WALL - 1/2" AIR SPACE - 2X4 WOOD STUDS 24" O.C. - 3-1/2" SOUNDBATT INSULATION - LAYER OF 5/8" GWB (ADDED TO UL#) 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E8	N/A	N/A	N/A	N/A	

GRAPHIC DEPICTION		DESCRIPTION			
		TOTAL WALL R-VALUE = 29.4			
		<ul style="list-style-type: none"> - FIBERCEMENT PANEL SIDING - STAINLESS STEEL EXPOSED FASTENERS - COLORMATCHED TO SIDING COLOR - METAL JOINT TRIM AND FLASH JOINTS PER MANUFACTURERS INSTRUCTIONS - VERTICAL 3/4" GALVANIZED STEEL HAT CHANNEL 12" O.C. MAX. - 2" EXTERIOR PLYWOOD SHEATHING - 2" POLYISOCYANURATE RIGID INSULATION BOARD (R-13 MIN) - 15/32" EXTERIOR PLYWOOD SHEATHING (SEE STRUCTURAL DRAWINGS) - 2X6 WOOD STUDS AT 16" O.C. (SEE STRUCTURAL DRAWINGS) - PROVIDE 2X6 CONTINUOUS BLOCKING AT MID-HEIGHT OF WALL - 5-1/2" SPRAY APPLIED DENSE-PACK CELLULOSE INSULATION (R-20.9 MIN) NOMINAL DENSITY 3.5LB - MESH NETTING AS REQUIRED - 8" CONCRETE MASONRY UNIT (FIRE RATED) REFER TO STRUCTURAL DRAWINGS FOR REINFORCING AND CELL GROUT DETAILS - PT STRAPPING - 5/8" HIGH IMPACT GWB 			
TYPE	FIRE RATING	UL NUMBER	STC RATING	IIC RATING	
E4	2 HR	U905	N/A	N/A	



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REVISIONS:

DATE: JANUARY 16, 2018

PROJECT No.: 1604

DRAWN BY: RRT, RJS

CHECKED BY: RJS

SCALE: AS NOTED

SHEET TITLE:
EXTERIOR WALL, FLOOR,
CEILING AND
ROOF TYPES

A0-1