

GRAPHIC DEPICTION		DESCRIPTION		
		TOTAL WALL R-VALUE = 23.45 - FACTORY FINISHED FIBERCEMENT LAP SIDING 5" EXPOSURE - "HOMESLICKER" RAINSCREEN MESH WITH SCREEN CLOSURE TOP AND BOTTOM - 3/4" O.S.B. ZIP SYSTEM SHEATHING WITH INTEGRAL DRAINAGE PLANE - LAYER OF 5/8" TYPE 'X' EXTERIOR GWB - 2X6 WOOD STUDS 16" O.C. (SEE STRUCTURAL DRAWINGS) - MINIMUM 3-1/2" OF SPRAY APPLIED POLYURETHANE INSULATION (R=6.7 PER INCH) - LAYER OF 5/8" TYPE 'X' G.W.B.		
		E1	FIRE RATING 1 HR	UL NUMBER U364

GRAPHIC DEPICTION		DESCRIPTION		
		TOTAL WALL R-VALUE = 23.45 - FACTORY FINISHED FIBERCEMENT LAP SIDING 5" EXPOSURE - "HOMESLICKER" RAINSCREEN MESH WITH SCREEN CLOSURE TOP AND BOTTOM - TYPAR AIR BARRIER AND DRAINAGE PLANE - EXISTING WOOD SHEATHING - EXISTING WOOD STUDS - MINIMUM 3-1/2" OF SPRAY APPLIED POLYURETHANE INSULATION (R=6.7 PER INCH) - LAYER OF 5/8" G.W.B.		
		E2	FIRE RATING N/A	UL NUMBER N/A

GRAPHIC DEPICTION		DESCRIPTION		
		TOTAL WALL R-VALUE = 23.45 - FACTORY FINISHED FIBERCEMENT LAP SIDING 5" EXPOSURE - "HOMESLICKER" RAINSCREEN MESH WITH SCREEN CLOSURE TOP AND BOTTOM - 3/4" O.S.B. ZIP SYSTEM SHEATHING WITH INTEGRAL DRAINAGE PLANE - 2X6 WOOD STUDS 16" O.C. (SEE STRUCTURAL DRAWINGS) - MINIMUM 3-1/2" OF SPRAY APPLIED POLYURETHANE INSULATION (R=6.7 PER INCH) - LAYER OF 5/8" G.W.B.		
		E3	FIRE RATING N/A	UL NUMBER N/A

GRAPHIC DEPICTION		DESCRIPTION		
		- LAYER OF 5/8" GWB - 2X4 WOOD STUDS AT 16" OR 24" O.C. (REFER TO STRUCTURAL DWGS) - 3-1/2" SOUND BATT INSULATION - LAYER OF 5/8" GWB		
		NA	FIRE RATING N/A	UL NUMBER N/A

GRAPHIC DEPICTION		DESCRIPTION		
		- LAYER OF 5/8" GWB - 2X6 WOOD STUDS AT 16" OR 24" O.C. - 5-1/2" SOUND BATT INSULATION - LAYER OF 5/8" GWB		
		NB	FIRE RATING N/A	UL NUMBER N/A

GRAPHIC DEPICTION		DESCRIPTION		
		- LAYER OF 5/8" TYPE-X GWB - 1/2" RESILIENT CHANNEL AT 24" O.C. - 2X4 WOOD STUDS AT 16" O.C. - 3-1/2" ACOUSTICAL FIRE BATT INSULATION - LAYER OF 5/8" TYPE-X GWB		
		1A	FIRE RATING 1 HR	UL NUMBER U311

GRAPHIC DEPICTION		DESCRIPTION		
		- LAYER OF 5/8" TYPE-X GWB - 1/2" RESILIENT CHANNEL AT 24" O.C. - 2X6 WOOD STUDS AT 16" O.C. - 5-1/2" ACOUSTICAL FIRE BATT INSULATION - 1/2" RESILIENT CHANNEL AT 24" O.C. - LAYER OF 5/8" TYPE-X GWB		
		1B	FIRE RATING 1 HR	UL NUMBER U311

GRAPHIC DEPICTION		DESCRIPTION		
		- LAYER OF 5/8" TYPE-X GWB - 1/2" RESILIENT CHANNEL AT 24" O.C. - EXISTING 2X WOOD STUDS - 3-1/2" ACOUSTICAL FIRE BATT INSULATION - 1/2" RESILIENT CHANNEL AT 24" O.C. - LAYER OF 5/8" TYPE-X GWB		
		1C	FIRE RATING 1 HR	UL NUMBER U311

GRAPHIC DEPICTION		DESCRIPTION		
		- LAYER OF 5/8" TYPE-X GWB - 1/2" RESILIENT CHANNEL AT 24" O.C. - 2X4 WOOD STUDS AT 16" O.C. - 3-1/2" ACOUSTICAL FIRE BATT INSULATION - 1/2" RESILIENT CHANNEL AT 24" O.C. - LAYER OF 5/8" TYPE-X GWB		
		1D	FIRE RATING 1 HR	UL NUMBER U311

GRAPHIC DEPICTION		DESCRIPTION		
		- LAYER OF 5/8" TYPE-X GWB - 1/2" RESILIENT CHANNEL AT 24" O.C. - 2X6 WOOD STUDS AT 16" O.C. - 5-1/2" ACOUSTICAL FIRE BATT INSULATION - LAYER OF 5/8" TYPE-X GWB		
		1E	FIRE RATING 1 HR	UL NUMBER U311

GRAPHIC DEPICTION		DESCRIPTION		
		- FINISH FLOOR PER SCHEDULE - 3/4" T&G PLYWOOD SHEATHING - 1/2" HOMASOTE 440 SOUND BOARD - 3/4" T&G EXISTING FLOOR SHEATHING (SEE STRUCTURAL DRAWINGS) - FILL CAVITY WITH ROXUL SOUND BATTS - 2X WOOD JOISTS (SEE STRUCTURAL DRAWINGS) - 5/8" TYPE 'X' G.W.B. - 1/2" METAL RESILIENT CHANNEL @ 16" O.C. - 5/8" TYPE 'X' G.W.B. - HUNG CEILING BELOW (NOT SHOWN)		
		F1	FIRE RATING 2HR	UL NUMBER L511

GRAPHIC DEPICTION		DESCRIPTION		
		- FINISH FLOOR PER SCHEDULE - 3/4" T&G PLYWOOD SHEATHING - 3/4" T&G EXISTING FLOOR SHEATHING (SEE STRUCTURAL DRAWINGS) - EXISTING WOOD JOIST FRAMING - FILL CAVITY WITH INSULATION BATTS (R-30 MIN.) INSULATION SUPPORT STRAPS 24" O.C.		
		F2	FIRE RATING N/A	UL NUMBER N/A

GRAPHIC DEPICTION		DESCRIPTION		
		- FINISH FLOOR PER SCHEDULE - 3/4" T&G PLYWOOD SHEATHING - 3/4" T&G EXISTING FLOOR SHEATHING (SEE STRUCTURAL DRAWINGS) - EXISTING WOOD JOIST FRAMING - FILL CAVITY WITH ROXUL INSULATION BATTS - 1/2" MTL RESILIENT CHANNEL AT 16" O.C. - 5/8" TYPE 'X' GWB		
		F3	FIRE RATING 1HR	UL NUMBER L501

GRAPHIC DEPICTION		DESCRIPTION		
		- FINISH FLOOR PER SCHEDULE - 3/4" T&G FLOOR SHEATHING - 1/2" HOMASOTE 440 SOUND BOARD - EXISTING FLOOR SHEATHING - 2X WOOD JOISTS (SEE STRUCTURAL DRAWINGS) - 9/16" ROXUL SOUND BATTS - 1/2" METAL HAT CHANNEL @ 16" O.C. - 5/8" TYPE 'X' G.W.B.		
		F4	FIRE RATING 1HR	UL NUMBER L501

GRAPHIC DEPICTION		DESCRIPTION		
		TOTAL ROOF R-VALUE = 50.25 - .060" EPDM ROOF MEMBRANE - ROOF UNDER LAMENT - EXISTING ROOF SHEATHING - EXISTING AND NEW ROOF FRAMING (SEE STRUCTURAL DRAWINGS) - 7/8" OF SPRAY FOAM POLYURETHANE INSULATION (R=50.25) - 1X3 WOOD STRAPPING @ 16" O.C. - 5/8" G.W.B.		
		R1	FIRE RATING N/A	UL NUMBER N/A

GRAPHIC DEPICTION		DESCRIPTION		
		TOTAL ROOF R-VALUE = 50.25 - 3/4" X 6" COMPOSITE WOOD DECKING - 2X PT SLEEPERS @ 12" O.C. (TAPERED BOTTOM SET ON STRIPS OF E.P.D.M. MEMBRANE) - ADHERED .060" E.P.D.M. ROOF MEMBRANE - 1/2" FIBERBOARD ROOF UNDER LAMENT - ROOF SHEATHING (SEE STRUCTURALS) - SLOPED 2X WOOD RAFTER FRAMING (SEE STRUCTURAL DRAWINGS) - 7/8" SPRAY APPLIED POLYURETHANE FOAM INSULATION (R-50.25 MIN) - 2X8 CEILING FRAMING 16" O.C. (HANG FROM RAFTERS AS REQUIRED) - 1/2" MTL RESILIENT CHANNEL @ 16" O.C. - 5/8" G.W.B.		
		R2	FIRE RATING N/A	UL NUMBER N/A

GRAPHIC DEPICTION		DESCRIPTION		
		- 40 YEAR ARCHITECTURAL SHINGLES - ROOF UNDER LAMENT - ICE AND WATER SHIELD 6" UP FROM EAVES, 3" IN FROM ROOF EDGES AND 3" UP EACH SIDE OF VALLEYS - EXISTING ROOF SHEATHING - EXISTING ROOF FRAMING - FILL CAVITY WITH SPRAY FOAM POLYURETHANE INSULATION - 1X3 WOOD STRAPPING @ 16" O.C. - 5/8" G.W.B.		
		R3	FIRE RATING N/A	UL NUMBER N/A

GRAPHIC DEPICTION		DESCRIPTION		
		TOTAL ROOF R-VALUE = 50.25 - .060" EPDM ROOF MEMBRANE - ROOF UNDER LAMENT - ROOF SHEATHING (SEE STRUCTURAL DRAWINGS) - ROOF JOISTS (SEE STRUCTURAL DRAWINGS) - 7/8" OF SPRAY FOAM POLYURETHANE (R=50.25) - 1/2" METAL HAT CHANNEL @ 16" O.C. - (2) LAYERS OF 5/8" TYPE 'X' G.W.B.		
		R4	FIRE RATING 1 HR	UL NUMBER P545

GRAPHIC DEPICTION		DESCRIPTION		
		TOTAL ROOF R-VALUE = 50.25 - .060" EPDM ROOF MEMBRANE - ROOF UNDER LAMENT - ROOF SHEATHING (SEE STRUCTURAL DRAWINGS) - ROOF JOISTS (SEE STRUCTURAL DRAWINGS) - 7/8" OF SPRAY FOAM POLYURETHANE (R=50.25) - 2X8 CEILING FRAMING 16" O.C. (HANG FROM RAFTERS AS REQUIRED) - 1/2" METAL HAT CHANNEL @ 16" O.C. - LAYER OF 5/8" G.W.B.		
		R5	FIRE RATING 1 HR	UL NUMBER P545

GRAPHIC DEPICTION		DESCRIPTION		
		TOTAL ROOF R-VALUE = 50.25 - 3/4" X 6" COMPOSITE WOOD DECKING - 2X PT SLEEPERS @ 12" O.C. (TAPERED BOTTOM SET ON STRIPS OF E.P.D.M. MEMBRANE) - ADHERED .060" E.P.D.M. ROOF MEMBRANE - TAPERED INSULATION - 1/2" FIBERBOARD ROOF UNDER LAMENT - ROOF SHEATHING (SEE STRUCTURALS) - 2X WOOD RAFTER FRAMING - 7/8" SPRAY APPLIED POLYURETHANE FOAM INSULATION (R-50.25 MIN) - 1/2" MTL RESILIENT CHANNEL @ 16" O.C. - 5/8" G.W.B.		
		R6	FIRE RATING N/A	UL NUMBER N/A

GRAPHIC DEPICTION		DESCRIPTION		
		- LAYER OF 5/8" GWB - 2X4 WOOD STUDS AT 16" OR 24" O.C. (REFER TO STRUCTURAL DWGS) - 3-1/2" SOUND BATT INSULATION - LAYER OF 5/8" GWB		
		NA	FIRE RATING N/A	UL NUMBER N/A



© 2013 RYAN SENATORE ARCHITECTURE

RENOVATIONS TO
135 CONGRESS STREET
PORTLAND, MAINE



RYAN SENATORE ARCHITECTURE
665 CONGRESS STREET, STE. 304
PORTLAND, MAINE 04101
207.650.6414
senatorearchitecture.com

CONSULTANTS:
STRUCTURAL:
Structural Integrity
77 Oak Street
Portland, ME 04101
207.774.4614

REVISIONS:

DATE: AUGUST 23, 2013
PROJECT No. 1317
DRAWN BY: RJS / RRT
CHECKED BY: RJS
SCALE: AS NOTED

SHEET TITLE:
WALL ROOF AND FLOOR ASSEMBLIES

AS1-0

- WALL TYPE NOTES
- REFER TO STRUCTURAL DRAWINGS FOR STUD SIZE AND SPACING
 - FIRE RATED WALLS TO EXTEND UP TO DECKING ABOVE, THROUGH THE FLOOR / CEILING ASSEMBLY. GWB TO BE CUT AND FIT AROUND ALL FRAMING AND ELEMENTS
 - INSTALL WATER RESISTANT GYPSUM WALLBOARD IN ALL RESTROOMS AND TOILET ROOM WALLS AND CEILINGS, AND AT ANY WALL WITH PLUMBING FIXTURES
 - ALL LOAD BEARING AND FIRE RATED PARTITIONS TO HAVE DOUBLE 2X BOTTOM PLATE
 - PROVIDE 1/2" GWB BEHIND ALL TUBS AND SHOWERS AT EXTERIOR WALLS AND FIRE RATED ASSEMBLIES. PROVIDE ADDITIONAL LAYER OF GWB TO COVER TUB AND SHOWER FLANGE. EXTEND ADDED LAYER ALONG ADJACENT WALLS AND ADJUST DOOR JAMB WIDTHS AS REQUIRED.
 - WHEN TWO ADJACENT WALL TYPES HAVE DIFFERING NUMBERS OF LAYERS OF GWB, THE FINISHED FACE OF GWB MUST FORM ONE CONTINUOUS PLANE. ADJUST STUD PLANE LOCATION AS REQUIRED TO ACHIEVE THE CONTINUOUS PLANE
 - HOLD BOTTOM OF GWB UP 1/2" FROM CONCRETE, PROVIDE SEALANT AT JOINT.
 - ALL WALL TYPES WITH AN INSULATION COMPONENT TO BE ACOUSTICALLY SEALED
 - PROVIDE ACOUSTICAL SEALANT AROUND ALL PENETRATING ELEMENTS IN WALLS AND CEILINGS (ELECTRICAL BOXES, DUCTS, PIPES, ETC)
 - HOMASOTE AND PLYWOOD UNDERLAYMENT TO BE INSTALLED PRIOR TO THE INTERIOR NON-LOAD BEARING WALLS WITHIN THE DWELLING UNITS. ALL LOAD BEARING, SHEAR WALLS, FIRE RATED, UNIT DEMISING WALLS TO BE INSTALLED PRIOR TO HOMASOTE AND PLYWOOD UNDERLAYMENT.