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OFFICE BUILDING
547 RIVERSIDE STREET
PORTLAND, MAINE



RYAN SENATORE
ARCHITECTURE
565 CONGRESS STREET
PORTLAND, MAINE 04101
207-650-6414
senatorearchitecture.com

CONSULTANTS:

REVISIONS:

DATE: DECEMBER 29, 2017

PROJECT No. 1788

DRAWN BY: RJS, JPF

CHECKED BY: RJS

SCALE: AS NOTED

SHEET TITLE:
WALL, SLAB AND
ROOF
ASSEMBLIES

A0-1

GRAPHIC DEPICTION		DESCRIPTION											
		- LAYER OF 5/8" GWB - 2X4 WOOD STUDS AT 24" O.C. - LAYER OF 5/8" GWB											
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GRAPHIC DEPICTION		DESCRIPTION											
		- LAYER OF 5/8" GWB - 2X6 WOOD STUDS AT 24" O.C. - 5-1/2" SOUND BATT INSULATION - LAYER OF 5/8" GWB											
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		TOTAL ROOF R-VALUE = 49 - 30 YEAR ARCHITECTURAL SHINGLES - ICE AND WATER SHIELD - SEE DETAILS - ADHERED ROOF MEMBRANE UNDERLAYMENT - 5/8" ROOF SHEATHING (SEE STRUCTURAL DRAWINGS) - 2X ROOF TRUSSES 16" O.C. (SEE STRUCTURAL DRAWINGS) - 13" OF BLOWN IN CELLULOSE INSULATION PROVIDE SCRIM AS REQUIRED (R-49) - VAPOR BARRIER - 1X4 STRAPPING AT 16" O.C. - LAYER OF 5/8" GWB											
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GRAPHIC DEPICTION		DESCRIPTION											
		TOTAL SLAB R-VALUE = 10 - FINISH FLOOR PER SCHEDULE - CONCRETE SLAB WITH FIBER REINFORCING (SEE STRUCTURAL DRAWINGS) - 2" EXTRUDED POLYSTYRENE INSULATION BOARD (R-10) - 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											
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GRAPHIC DEPICTION		DESCRIPTION											
		TOTAL R-VALUE = 21 - VINYL SIDING (INSTALL PER MANUFACTURERS INSTRUCTIONS) - TYVEK HOUSE WRAP (CONTRACTOR OPTION) - 1" ZIP WALL SYSTEM - 2X6 WOOD STUDS AT 16" O.C. (SEE STRUCTURAL DRAWINGS) (PROVIDE 2X6 CONTINUOUS BLOCKING AT MID-HEIGHT OF WALL) - 5-1/2" BLOWN IN CELLULOSE INSULATION - MESH NETTING AS REQUIRED - LAYER OF 5/8" GWB											
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WALL TYPE NOTES				
1.)	REFER TO STRUCTURAL DRAWINGS FOR STUD SIZE AND SPACING			
2.)	FIRE RATED WALLS TO EXTEND UP TO DECKING ABOVE THROUGH THE FLOOR / CEILING ASSEMBLY.			
3.)	AT INTERIOR WALLS OF UNITS, FIRE RATED CEILING GWB MEMBRANE TO RUN CONTINUOUSLY OVER TOP OF WALLS, WHERE INTERIOR UNIT WALLS INTERSECT FIRE WALLS THE FIREWALL GWB WALL MEMBRANE TO RUN CONTINUOUSLY PAST THE INTERIOR UNIT WALL			
4.)	INSTALL WATER RESISTANT GYPSUM WALLBOARD IN ALL RESTROOMS AND TOILET ROOM WALLS AND CEILINGS, AND AT ANY WALL WITH PLUMBING FIXTURES			
5.)	PROVIDE 3/8" 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.			
6.)	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			
7.)	HOLD BOTTOM OF GWB UP 1/2" FROM CONCRETE, PROVIDE SEALANT AT JOINT.			
8.)	ALL WALL TYPES WITH AN INSULATION COMPONENT TO BE ACOUSTICALLY SEALED			
9.)	PROVIDE ACOUSTICAL SEALANT AROUND ALL PENETRATING ELEMENTS IN WALLS AND CEILINGS (ELECTRICAL BOXES, DUCTS, PIPES, ETC)			
10.)	PROVIDE DIAGONAL BRACING UP TO DECK ABOVE AT ALL INTERIOR PARTITIONS THAT DO NOT GO UP TO DECK ABOVE FOR STIFFNESS AS REQUIRED			