COPYRIGHT: Reuse or reproduction of the contents of this document is not permitted without written permission of Bild Architecture LLC

ROOF ASSEMBLY TYPES

GRAPHIC DESCRIPTION

DESCRIPTION

- ADHERED MEMBRANE ROOFING SYSTEM
- 6" TAPERED EXTRUDED POLYISOCYANURATE (MIN R-30)
- 5/8" ZIP SYSTEM SHEATHING (AIR BARRIER) .77
- JOIST PER STRUCTURAL
- 6 1/2" FIBERGLASS BATT INSULATION (R-20) ATTACHED TO UNDERSIDE OF DECK
- 7/8" METAL HAT CHANNEL FURRING
- 5/8" TYPE C GYPSUM BOARD

TYPE	FIRE RATING	UL NUMBER	ICC RATING	STC RATING	R-VALUE
R1	N/A	N/A	N/A	N/A	50.00

SLAB ASSEMBLY TYPES

GRAPHIC DESCRIPTION

DESCRIPTION

- SEE FINISH SCHEDULE FOR FLOOR FINISH
- 4" CONCRETE SLAB. REINFORCE PER STRUCTURAL DRAWINGS.
- 6 MIL POLY VAPOR BARRIER
- 6" CRUSHED STONE

TYPE	FIRE RATING	UL NUMBER	STC RATING	R-VALUE
S1	N/A	N/A	NA	14.25

FLOOR ASSEMBLY TYPES

GRAPHIC DESCRIPTION

DESCRIPTION

- SEE FINISH SCHEDULE FOR FLOOR FINISH
- 3/4" PLYWOOD T&G SUB-FLOOR
- SEE STRUCTURAL DRAWINGS FOR FLOOR SUPPORT MEMBERS, SPACING AND DIMENSIONS
- SOUND ISOLATION CHANNEL HANGERS
- 7/8" METAL HAT CHANNEL FURRING
- 5/8" GYPSUM BOARD - PAINTED

TYPE	FIRE RATING	UL NUMBER	ICC RATING	STC RATING	R-VALUE
F1	N/A	N/A	N/A	58	N/A

GRAPHIC DESCRIPTION

DESCRIPTION

- SEE FINISH SCHEDULE FOR FLOOR FINSIH
- 3/4" PLYWOOD T&G SUB-FLOOR W/ TAPED JOINTS (AIR BARRIER)
- SEE STRUCTURAL DRAWINGS FOR FLOOR SUPPORT MEMBERS, SPACING AND DIMENSIONS
- 8.5" BLOWN CELLULOSE INSUL (R-30.6)
- 7/8" METAL HAT CHANNEL FURRING
- 6 MIL POLY VAPOR BARRIER
- 5/8" TYPE "C" GYPSUM BOARD - PAINTED

TYPE	FIRE RATING	UL NUMBER	ICC RATING	STC RATING	R-VALUE
F2	1HR	L590	N/A	58	30.6

FLOOR ASSEMBLY TYPES

GRAPHIC DESCRIPTION

DESCRIPTION

- SEE FINISH SCHEDULE FOR FLOOR FINSIH
- 3/4" PLYWOOD T&G SUB-FLOOR W/ TAPED JOINTS (AIR BARRIER)
- SEE STRUCTURAL DRAWINGS FOR FLOOR SUPPORT MEMBERS, SPACING AND DIMENSIONS
- 8.5" BLOWN CELLULOSE INSUL (R-30.6)
- 1/2 CDX SHEATHING - PER STRUCT
- 5/8" TYPE "X" DENSGLASS SHEATHING
- COMPOSITE SHEATHING PANEL W/ 1/2" WOOD SHEATHING AND 2" INSULATION (R-9.6)
- COMMERCIAL AIR/VAPOR BARRIER
- SOFFIT BOARD

TYPE	FIRE RATING	UL NUMBER	ICC RATING	STC RATING	R-VALUE
F3	1HR	L590	N/A	58	31.6

4

EXTERIOR WALL ASSEMBLY TYPES

GRAPHIC DESCRIPTION

DESCRIPTION

- CLAPBOARD SIDING
- COMMERCIAL AIR/VAPOR BARRIER
- COMPOSITE SHEATHING PANEL W/ 1/2" WOOD SHEATHING AND 2" INSULATION (R-9.6)
- 5/8" TYPE "X" DENSGLASS SHEATHING. REFER TO STRUCTURAL DWGS FOR FASTENING SIZE, SPACING, AND BLOCKING REQUIREMENTS.
- 1/2 CDX SHEATHING - PER STRUCT
- WOOD STUDS - REFER TO STRUCT
- BLOWN CELLULOSE INSULATION FULL CAVITY (R-22)
- 5/8" TYPE X GYPSUM BOARD

TYPE	FIRE RATING	UL NUMBER	STC RATING	R-VALUE
E1	1-HR (FROM INT + EXT)	U364	N/A	31.6

GRAPHIC DESCRIPTION

DESCRIPTION

- CLAPBOARD SIDING
- COMMERCIAL AIR/VAPOR BARRIER
- COMPOSITE SHEATHING PANEL W/ 1/2" WOOD SHEATHING AND 2" INSULATION (R-9.6)
- 1/2 CDX SHEATHING - PER STRUCT
- WOOD STUDS - REFERENCE STRUCT
- BLOWN CELLULOSE INSULATION FULL CAVITY (R-22)
- 5/8" GYPSUM BOARD

TYPE	FIRE RATING	UL NUMBER	STC RATING	R-VALUE
E2	N/A	N\A	N/A	31.6

INTERIOR WALL ASSEMBLY TYPES

GRAPHIC DESCRIPTION

GYP. BD. TO CONTINUE TO UNDERSIDE OF DECKING TO ACT AS FIREBLOCKING BETWEEN DWELLING UNITS - SEE DETAIL 5/A301

DESCRIPTION

UNIT SEPARATION ASSEMBLY

- (1) LAYER 5/8" PAINTED TYPE 'X ' GWB SEALED TO UNDERSIDE OF DECK.
- 1/2" RESILIENT CHANNELS @ 16" O.C. HORIZONTALLY
- WOOD STUD TOP AND BOTTOM PLATES TO UNDERSIDE OF DECK. REFER TO STRUCTURAL DWGS FOR STUD SIZE, SPACING, AND ALIGNMENT REQUIREMENTS. CONTINUOUS 3-1/2" FIBERGLASS SOUND ATTENUATION BATTS.
- 1/2" RESILIENT CHANNELS @ 16" O.C. HORIZONTALLY
- (1) LAYER 5/8" PAINTED TYPE 'X' GWB SEALED TO UNDERSIDE OF DECK.

NOTE: REFERENCE DETAIL 5/A301 FOR CEILING DETAILS

4

TYPE	FIRE RATING	UL NUMBER	STC RATING	R-VALUE
W1	1-HR	SIM. U395	54	N/A

GRAPHIC DESCRIPTION

DESCRIPTION

- 5/8" TYPE "X" GYPSUM BOARD
- 3-1/2" BATT INSULATION
- SEE STRUCT DRAWINGS
- 5/8" TYPE "X" GYPSUM BOARD

NOTE: PROVIDE MOISTURE RESISTANT GWB AT BATHROOMS AND KITCHENS.

REFERENCE DETAIL 5/A301 FOR CEILING DETAILS

TYPE	FIRE RATING	UL NUMBER	STC RATING	R-VALUE
W2	1HR	U305	33	N/A

GRAPHIC DESCRIPTION

DESCRIPTION

- 5/8" GYPSUM BOARD
- 2X4 WOOD STUDS @ 16" O.C. - SEE PLAN
- 5/8" GYPSUM BOARD

NOTE: PROVIDE MOISTURE RESISTANT GWB AT BATHROOMS AND KITCHENS.

TYPE	FIRE RATING	UL NUMBER	STC RATING	R-VALUE
W3	N/A	N/A	N/A	N/A

GRAPHIC DESCRIPTION

DESCRIPTION

- 5/8" GYPSUM BOARD
- 2X4 WOOD STUDS @ 16" O.C. - SEE PLAN

NOTE: PROVIDE MOISTURE RESISTANT GWB AT BATHROOMS AND KITCHENS.

TYPE	FIRE RATING	UL NUMBER	STC RATING	R-VALUE
W4	N/A	N/A	N/A	N/A

Reviewed for Code Compliance Inspections Division Portland, Maine
Date: 08/30/17

Bild Architecture
PO Box 8235
Portland, ME
04104
207.408.0168
evan@bildarchitecture.com

bild ARCHITECTURE

LICENSED ARCHITECT 5/8/16 EVAN A. CARROLL No. 3687 STATE OF MAINE

PROJECT NO.
17002
PROJECT NAME
5 MERRILL STREET
PORTLAND, ME 04101

REVISIONS
1 07.19.2017
2 08.01.2017
3 08.24.2017
4 08.25.2017
5 -

PERMIT SET
NOT FOR CONSTRUCTION

DRAWN BY
AEW/KBS
SHEET TITLE
CONSTRUCTION ASSEMBLIES

ISSUE DATE
5/8/17
SHEET SCALE
NTS

A

001