Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 06/24/14

NOTE:
SHADED AREAS SHOWN ARE EXISTING

1 NEW STAIR SECTION

SCALE: 1/4" = 1'-0"

HARDWARE SETS

HW1
Classroom Doors
001, 002, 003, 004, 005

Hinges
Lever Lockset "Classroom Intruder Function"
Closer
Door Stop
Silencers

HW2
Restroom Doors
008 and 009

Hinges
Push-Pull SET
Closer
Door Stop
Silencers

HW3
Storage or Utility Room Doors
011, 013, 014

Hinges
Lever Lockset "Utility Function F84"
Door Stop
Silencers

HW4
Pair Doors
006

Hinges
Sound gaskets, Jamb Head and Sill
Sound Gasket Astrgal
Lever Lockset "Utility Function F84"
Silencers

HW5
Doors to Existing Storage
004B, 003B

Lever Lockset "Utility Function F84"
Hinges
Silencers

HW6
Stair Door
012

Hinges
Fire Rated Exit Device (Non-rated Panic device for Doors in Non rated Smoke Partitons)
Closer
Silencers
Stop

HW7
Ext. Exit Door
010

Hinges
Exit Device and Closer
Weatherstripping and Bottom Sweep
Threshold
Silencers

DOOR SCHEDULE

Door No.	LOCATION From	LOCATION To	DOOR Size	DOOR Type	DOOR Material	DOOR Finish	FRAME Type	FRAME Material	HARDWARE Group	COMMENTS
LOWER FLOOR LEVEL										Installation of smoke doors shall be in accordance with NFPA 105 and Testing of UL 1784
001	Corridor 010	Classroom 001	3'-0" x 6'-8" x 1 3/4"	B	SC Wood			HM	HW1	
002	Corridor 010	Classroom 002	3'-0" x 6'-8" x 1 3/4"	B	SC Wood			HM	HW1	
003	Corridor 010	Science Lab 003	3'-0" x 6'-8" x 1 3/4"	B	SC Wood			HM	HW1	
003B	Mstr. Science Lab 003	Existing Storage	3'-0" x 6'-8" x 1 3/4"	A	SC Wood			HM	HW5	45 min. rated door
004	Corridor 010	Classroom 004	3'-0" x 6'-8" x 1 3/4"	B	SC Wood			HM	HW1	
004B	Classroom 004	Unused	3'-0" x 6'-8" x 1 3/4"	A	SC Wood			HM	HW5	45 min. rated door
005	Corridor 010	Fabrication Lab 005	3'-0" x 6'-8" x 1 3/4"	B	SC Wood			HM	HW1	
005B	Fabrication Lab 005	Exterior	8'-0" x 7'-0"	E	Insul. Metal			———		sectional Overhead roll-up Door (to be determined)
006	Fabrication Lab 005	CNC Router 006	PAIR of 3'-0"x6'-8" x 1 3/4"	C	SC Wood			HM	HW4	Provide sound seal gaskets
007	Corridor 010	Lift	3'-0" x 6'-8" x 1 3/4"	D	SC Wood			HM	———	Door provided by Lift Co.
008	Corridor 010	Women 008	3'-0" x 6'-8" x 1 3/4"	A	SC Wood			HM	HW2	
009	Corridor 010	Men 009	3'-0" x 6'-8" x 1 3/4"	A	SC Wood			HM	HW2	
010	Corridor 010	Exterior	3'-0" x 6'-8" x 1 3/4"	A	Insul. Metal			HM	HW7	
011	Corridor 010	Storage 011	3'-0" x 6'-8" x 1 3/4"	A	SC Wood			HM	HW3	
012	Corridor 010	New Stair 012	3'-0" x 6'-8" x 1 3/4"	D	SC Wood			HM	HW6	1 hr rated door
013	Science Lab 003	Closet 013	1'-6"x6'-8" x 1 3/4"	A	SC Wood			HM	HW3	
014	Science Lab 003	Storage 014	3'-0" x 6'-8" x 1 3/4"	A	SC Wood			HM	HW3	45 min. rated door

Door 010 to be full or half glass.

NEW DOOR TYPES

Doors in Smoke Partitions to meet UL test 1784 for gasketing requirements and NFPA 105.

Overhead door to be 8'-0" High. Eliminate vision lites.

INSTALLATION OF SMOKE DOORS SHALL BE IN ACCORDANCE WITH NFPA 105

TYPICAL DOOR AND HARDWARE NOTES:

1. All Doors To Be 3'-0" Wide, Unless Otherwise Noted.
2. All Door Glazing and Sidelight Glazing to be 1/4" Tempered Safety Glass.
3. All Door Locksets And Passages Sets To Be Lever Handle Type.
4. All Interior Doors Into Egress Stairs To Be Min. (1) Hr Rated With Panic Type Exit Devices and Closers.

EXIT DEVICES

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   1. Precision Hardware, Inc. (PH).
   2. Sargent Manufacturing Company; Div. of ESSEX Industries, Inc. (SGT).
   3. Von Duprin; an Ingersoll-Rand Company (VD).
2. Products: All exit devices for this project shall be one of the following:
   1. Precision Olympian Series
   2. The 80 Series exit device by Sargent & Co.
   3. 98 Series by Von Duprin Division

   Standard: BHMA A156.3.

   1. BHMA Grade: Grade 1.
4. Certified Products: Provide exit devices listed in BHMA's "Directory of Certified Exit Devices."
5. Panic Exit Devices: Listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for panic protection, based on testing according to UL 305.
6. Fire Exit Devices: Complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire and panic protection, based on testing according to UL 305 and NFPA 252. Only fire exit devices may be used for fire doors.

TYPICAL ROOM FINISHES

ROOM	WALLS	WALL BASE	FLOOR	CEILING	REMARKS
Typical Classroom	Painted Gyp. Bd.	Vinyl or Rubber	Carpet	Acoust. Lay-In Panels	
Fabrication Lab	Painted Gyp. Bd.	Vinyl or Rubber	Existing or sealed Conc.	Acoust. Lay-In Panels	
Restrooms	*Painted Gyp. Bd.	Vinyl or Rubber	Cer. Tile	Acoust. Lay-In Panels	*Cer. Tile on walls up to 4' abv flr behind all fixtures
New Stair	Painted Gyp. Bd.	Vinyl or Rubber	Rubber	Acoust. Lay-In Panels	
Corridors	Painted Gyp. Bd.	Vinyl or Rubber	Carpet	Acoust. Lay-In Panels	

Where 'AB' indicated on plan provide acoustic batt insulation to fill cavity. Provide acoustical sealant at top and bottom each side.

SPACE AROUND PENETRATING ITEMS AND JOINTS SHALL BE FILLED WITH AN APPROVED MATERIAL TO LIMIT THE FREE PASSAGE OF SMOKE

INSTALLATION OF SMOKE DOORS SHALL BE IN ACCORDANCE WITH NFPA 105

PARTITION NOTES:

1. All partitions not dimensioned are constructed with 3 5/8" metal studs or 2x4 wood studs.
   a. Where wall is in-filled, or adjustment to existing wall, match existing wall thickness.
   b. Extend all partitions to structure above, unless noted otherwise. Provide slip-track, or other acceptable means of allowing deflection in the roof, at all full-height partitions.
2. Use moisture resistant gypsum wall board at wet locations, including (but not limited to, toilet rooms.)

PARTITION TYPES:

P1 Typical new wall. See Detail below.

P1-AB. Typical new wall - Extend to structure above with Gyp. Bd. each side. Provide slip-track or other acceptable means of allowing deflection in the roof, at all full-height partitions. Fill with acoustic batts per detail below.

P2 New Smoke Partition to be extend to structure above. See partition detail.

P2-AB. New Smoke Partition - Fill with acoustic batts.

P3 New One Hour Rated Partition- see partition detail.

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REGISTERED ARCHITECT
RICHARD K. RENNER
No. 1066
STATE OF MAINE

Consultants:

LOWER FLOOR INTERIOR UPFIT

Baxter Academy
54 York Street
Portland, Maine

Door & Hardware Schedules Wall Details

Drawn by: RRA
File Name:
Scale: AS NOTED
Project No. 2012.10.03
Date: 04-03-14
Revised:

Baxter Academy Lower Flr. Upfit

A1.2