Shields Architecture 216 Range Road Cumberland, ME 04021

8/4/2014

Re:

BP #2014-01624, 214 Danforth Street Plan Review

To:

Laurie Leader

Please see the responses below to your email sent to 8/1/14 to Bob Gaudreau of Hardypond Construction.

Occupancy Load:

IBC Table 1004.1.1 Unit 1 731sf/200sf = 4

Unit 2 790sf / 200sf = 4 Unit 3 770sf / 200sf = 4 Unit 4 770sf / 200sf = 4 Unit 5 799sf / 200sf = 4 Unit 6 799sf / 200sf = 4 24

**Occupancy Type:** 

IBC 310.1

R-2 Apartment Building (Existing)

**Egress Width:** 

IBC 1008.1.1

Doors - 32"

All doors within the means of egress system in this project meet this requirement.

IBC 1009.1

Stairs - 36"

In this project stairs within the egress system meet this requirement. The existing front porch stairs are 4'-0" wide, the existing stair #2 is 3'-0" wide and the new stair #3 is 3'-6" wide.

IBC 1018.2

Corridors - 36"

All corridors within the means of egress system in this project meet this requirement.

**Common Path of Egress Travel:** 

IBC 1014.3, EX. 4.

125'

In this project there is one means of egress, per IBC 1015.1.

**Exit Access Travel Distances:** 

IBC Table 1016.1

250

The building at 214 Danforth Street is 46'-8" x 38'-6" – the exit access in this project is always well within the 250' distance.

In the future please copy me, as the design professional, on emails regarding code issues sent to the General Contractor (jshields1@maine.rr.com,). You may also call me at (207) 776 8926.

Regards)
John Shields

Architect