typical TRX installation (for reference only)

2

added equipment layout

Egress Capacity:
A: 33 ½ clear wide door = W/.3 = 111
B: 3-9 wide stair = W/.2 = 150
Egress capacity exceeds occupant load

Occupant Load Plan & Egress Capacity

1/8"= 1'-0"

graphic scale

0 4 8 16 32

2

Occupant Loads by calulation:	22
Fitness Room with equipment:	19 (1 per 50 per NFPA table 7.3.1.2)
Business Office:	2 (1 per 100)
Occupant load by design (note1):	49
Fitness Room with equipment:	47
Business Office:	2 (1 per 100)

Note 1: Occupant load for this project shall be 49
7.3.1.2 Occupant Load Factor: The MINIMUM occupant load shall be not less than the values shown in Table 7.3.1.2
7.3.1.3 Occupant Load Increases
The occupant load shall be permitted to be increased where other requirements of the code such as egress width, travel distance, and number of exits is met

2

Revision 11-29-2017
Added equipment layout and notes per Fire Department's comments

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 11/30/17

Josef Chalat, Architect
PO Box 6283, Cape Elizabeth, Maine 04107
p. 207 318 3234, e. AzimuthBlu@gmail.com
Maine Registered Architect

SheJams, Training and Fitness Studio
160 Presumscot Street, Portland Maine
425 K013 IL Zoning District

Drawing Title

CR2

Nov 29, 2017