Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 03/25/16

GA FILE NO. WP 1530	GENERIC	2 HOUR FIRE	50 to 54 FSTC SOUND

GYPSUM WALLBOARD, STEEL STUDS

Base layer 1/2" type X gypsum wallboard or gypsum veneer base applied parallel to each side of 1 5/8" steel studs 24" o.c. with 1" Type S drywall screws 12" o.c. **Face** layer 1/2" type X gypsum wallboard or gypsum veneer base applied parallel to each side with 1 5/8" Type S drywall screws 12" o.c.

Joints staggered 24" each layer and side. Sound tested with 1 1/2" mineral fiber insulation stapled in stud space. **(NLB)**

Thickness: 3 5/8"
Approx. Weight: 9 psf
Fire Test: UC, 12-7-64
Field Sound Test: ACI 1131a, 7-14-64

FR-1 2 HR Rated Infill Panel at Window
no scale

2 Hour Fire-rated Construction						
	– corridor ceiling, and stair soffit • 1" Sheetrock Brand Gypsum Liner Panels • 1/2" Sheetrock Brand Firecode C Core Gypsum Panels • USG steel C-H Stud spanning horizontally 24" o.c. • USG steel J-runner – joints finished	NER-258			SA926	D-2

FR-2 2 HR Rated Horizontal Shaftwall
no scale

submit details and product literature from shaftwall framing manufacturer

GA FILE NO. WP 4136	GENERIC	2 HOUR FIRE	40 to 44 STC SOUND

GYPSUM WALLBOARD, WOOD STUDS

Base layer 5/8" type X gypsum wallboard or veneer base applied parallel or at right angles to each side of 2 x 4 wood studs 16" o.c. with 1 1/4" Type W drywall screws 12" o.c. **Face** layer 5/8" type X gypsum wallboard or veneer base applied parallel or at right angles to each side with 1 7/8" Type W drywall screws 12" o.c. and offset 6" from screws in base layer.

Joints staggered 16" each layer and side. **(LOAD-BEARING)**

Thickness: 6 1/8"
Approx. Weight: 12 psf
Fire Test: SWRI 01-5920-614, 12-5-94
Sound Test: See WP 4135 (NGC 2363, 4-1-70)

FR-3 2 HR Rated Horizontal Shaftwall
no scale

1 Demolition for Stair at 2nd Floor
1/4"= 1'-0"

Submittals

1. Provide owner with demolition schedule that minimize disturbances and interruptions to the owner's onsite operations. The schedule shall indicate interruptions of utility services, use and protection of elevator and stairs, locations of partitions for dust and noise control, and path of waste removal from building

Quality

2. Comply with applicable EPA notification regulation before starting selective demolition. Comply with ANSI A10.6 Safety Requirements for Demolition Operations, and NFPA 241: Standard for Safeguarding Construction, Alteration, and Demolition Operations.

Project Conditions and Requirements

3. The owner will occupy areas of the building adjacent to the areas of demolition. Conduct the work in a manner that provides minimal disruption to the owners operations.
4. The demolition plan is intended to be a schematic guide for removing existing assemblies, structures and materials as required for the new work to be installed. It is not intended to be exhaustive in detail. The contractor shall be familiar with the work of the project and remove all items as required by the work.
5. Remove all construction assemblies, materials, finishes, mechanical and electrical items necessary for the completion of the work as depicted on the drawings, specifications, and supplementary instructions. Refer to mechanical and electrical drawings for additional information on demolition of those items.
6. The removal, disposal, and associated fees of all demolished items shall be the responsibility of the General Contractor.
7. All removed items, debris and salvage shall be the property of the General contractor unless noted otherwise in the drawings or by the Owner.
8. Demolition may uncover existing conditions, structures or assemblies that were not foreseen by the Architect or owner. The contractor shall bring to the attention of the Architect any existing conditions that are discovered that will affect the scope or design of the project.
9. The Contractor shall restore any fire rated assemblies damaged by the demolition process to their required rating.
10. The contractor shall identify any pre-existing damage to fire rated walls, floors, ceilings and columns. The Architect will coordinate with the General Contractor to develop a plan to restore the continuity of rated assemblies.
11. The Contractor shall protect finishes, assemblies and structures not required to be demolished or that are outside the area of work.
12. The contractor shall control dust, noise and vibration, to protect the adjacent areas.
13. The contractor shall provide shoring and temporary support of existing structural members that the work requires.
14. materials to be removed and reused, such as light fixtures and other electrical equipment, doors, and plumbing fixtures, shall be stored and protected from damage by ongoing construction activities.
15. The General Contractor shall maintain and ensure safe passage of building occupants around and through areas of demolition.
16. Partition walls shown to be demolished shall be demolished in their entirety, for their full height unless noted otherwise

Hazardous Materials

17. If the Contractor suspects that hazardous materials such asbestos containing materials (ACM), lead based paint, polychlorinated biphenyl, (PCB) and petroleum products are present he shall not disturb the material and notify the owner's representative.
18. Fluorescent lights shall be handled and disposed of properly to prevent the release of mercury vapor

F Wall Detail
1 1/2"= 1'-0"

E handrail at brick wall
1 1/2"= 1'-0"

D handrail at wall
1 1/2"= 1'-0"

C head at coiling shutter
1 1/2"= 1'-0"

B jamb at coiling shutter
1 1/2"= 1'-0"

A jamb at coiling shutter
1 1/2"= 1'-0"

Provide Cookson Coiling Smoke Control Door with the following:

a. alarm activated. Tie into existing fire alarm system. Provide power to unit as required
b. independent automatic resetting awning crank operator
c. 24 Gauge galvanized steel hood
d. smoke seals
e. Submit shop drawing
f. Submit color chart for selection at guide rails and bottom bar
g. Weight of unit is approximately 460 lbs

LICENSED ARCHITECT
JOSEF CHALAT
AR2354
STATE OF MAINE

Interior Designer
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ReFab Design Studio
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RM Davis
Comunicating Stair between 1st and 2nd floor
24-26 City Center, Portland, Maine
Chart, Block and Lot: 027 F027 24 & 027 F027 26

date	Purpose
01/22/2016	issue for permit

Sheet Title
demolition stair details wall types

Sheet Number
A402