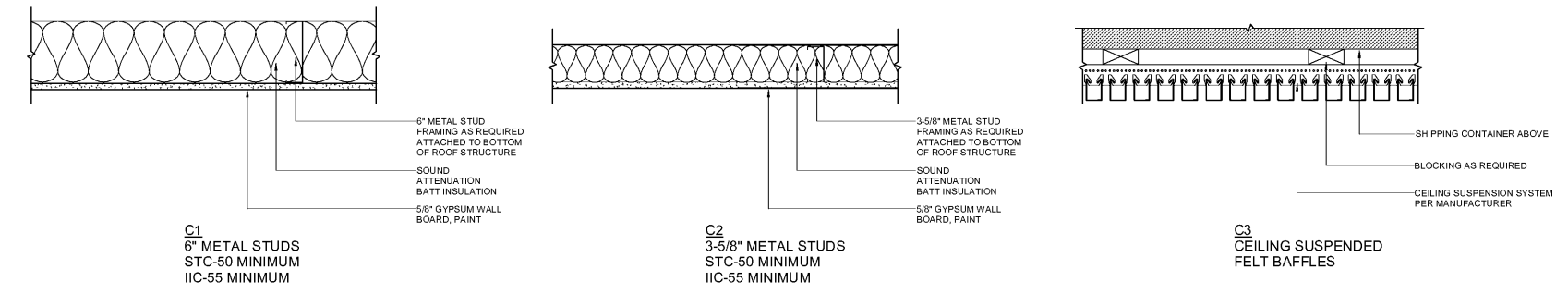
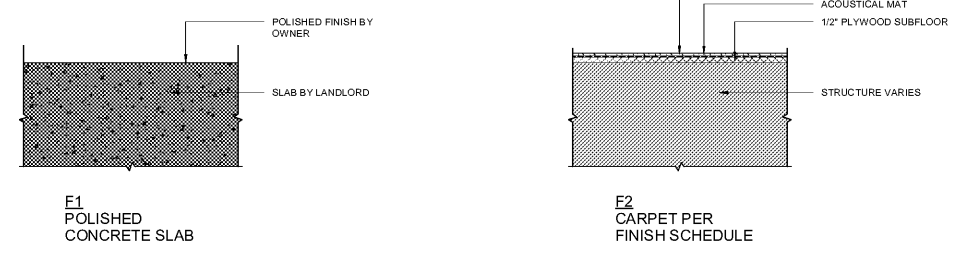


16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



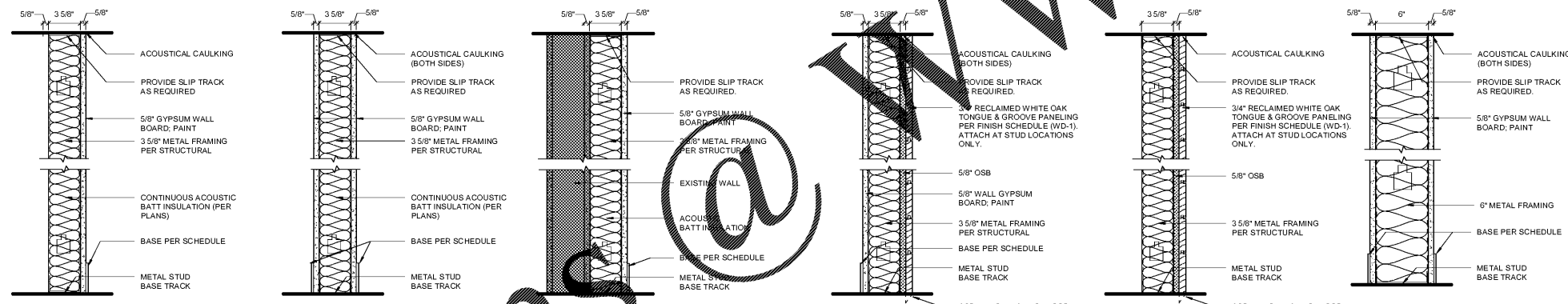
CEILING TYPES
1 1/2" = 1'-0"

6H



FLOOR TYPES
1 1/2" = 1'-0"

6F



WALL TYPES
1 1/2" = 1'-0"

6A

Design No. N607
December 13, 2007
Restrained Beam Rating - 1-1/2, 2 Hr. (See Item 6)
Unrestrained Beam Rating - 1, 1-1/2 Hr. (See Item 6)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

1. **Steel Beam** — Minimum sizes shown in the table below. Steel beam surface to be free of loose scale and oil and shall be primed with a red oxide primer.
2. **Non-Fluted Concrete** — Compressive strength: 3000 psi. For normal weight concrete either carbonate or siliceous aggregate may be used. Unit weight: 148 pcf.
3. **Shear Studs (Optional)** — Studs: 3/4 in. diam headed type or equivalent per AISC specifications. Welded to the top flange of beam through the steel floor units.
4. **Welded Fabric (Optional)** — 6x6-10/10 SWG.
5. **Steel Floor and Form Units** — 1-1/2, 2, 3 in. deep fluted, welded to beam per SDI specification.
6. **Mass and Intumescent Coating*** — Coating spray applied directly to the beam in multiple applications to the desired final dry thickness. Flutes above the beam to be completely filled with mineral wool insulation having a min avg density of 6 lbs/ft³. Coating may be sprayed on to the mineral wool insulation. After each application the surface may be lightly brushed or lightly rolled with a paint roller. See table below for thicknesses:

Beam Size	W/D	Material Thickness in.	Unrestrained Rating Hr.	Restrained Rating Hr.
WBx31	0.8	0.09	1	1-1/2
WBx41	0.8	0.14	1	2
W10x88	1.75	0.149	1-1/2	2

ALBIMFG, DIV OF STANCHEM INC — Types ACTF, ACFP, and CITEX TF Investigated for Interior General Purpose.
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

UL DESIGN NO. N607

1F

- A. ALL INTERIOR WALLS TYPE 'A2' UNLESS OTHERWISE NOTED.
- B. 5/8" MOISTURE RESISTANT GYPSUM BOARD AT ALL BATHROOM INTERIORS, BREAKROOM AND WHERE NOTED.
- C. WHERE TILE OCCURS, PROVIDE CEMENT BOARD IN LIEU OF GYPSUM BOARD.
- D. ALL WALLS TO STRUCTURE UNLESS NOTED OTHERWISE.
- E. GYPSUM BOARD TO BE HELD OFF FINISH FLOOR 1/2" TYPICAL.
- F. METAL CORNER BEAD TO BE USED ON ALL OUTSIDE CORNERS AND TOP OF PARTIAL HEIGHT WALLS WHERE GYPSUM BOARD WRAPS UNLESS NOTED OTHERWISE.
- G. ALL BLOCKING SHALL SPAN FULLY BETWEEN BOTH ADJACENT STUDS AT A MINIMUM.
- H. PROVIDE LEVEL 4 FINISH FOR ALL WALLS SCHEDULED FOR EGGSHELL OR HIGHER SHEEN PAINT, LEVEL 5 WHERE SEMI-GLOSS OR HIGHER AND AT ALL WALL COVERING AND VINYL GRAPHIC LOCATIONS.
- I. PROVIDE FULL HEIGHT ACOUSTICAL BATT INSULATION AT ALL WALLS AND ABOVE ALL CEILING SYSTEMS.
- J. PROVIDE TEAR AWAY BEAD @ ALL LOCATIONS WHERE GYPSUM WALL BOARD CONTACTS A CONCRETE SURFACE.
- K. PROVIDE ACOUSTICAL CAULK WHERE INDICATED.
- L. REFERENCE A604 FOR WALL BASE DETAILS.

WALL TYPE GENERAL NOTES

1A

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RELATED DOCUMENTS: This Drawing may be part of an integrated set of Construction Documents, including the executed Agreement, the General and Supplemental Conditions of the Contract, Division-01 "General Requirements", and applicable "Technical Specification Sections". The Contract Documents are complementary; what is required by one is as binding as if required by all. Other documents affecting the Work may include Geotechnical recommendations, Manufacturer's Product Data and installation requirements, Shop Drawings and Coordination Drawings. Failure to review applicable documents does not reduce the obligation to provide complete and operationally building components.

THE INTENT OF THE CONTRACT DOCUMENTS is to include all items necessary for completion of the construction Work indicated. Except as otherwise indicated, provide (furnish and install) all products, materials, equipment, options, items or accessories necessary for proper operation and use, in accordance with product manufacturer's requirements, and comply with applicable laws, codes and ordinances of Authorities Having Jurisdiction (AHJ).

VERIFY EXISTING CONDITIONS AND DIMENSIONS prior to construction. Calculate and measure dimensions — DO NOT SCALE THE DRAWINGS unless so directed by the Architect. Dimensions indicated are to the face of a material unless otherwise indicated. Application of a material or equipment item to Work installed by others constitutes acceptance of that Work, and assumption of responsibility for subsequent satisfactory installation.

THIS DRAWING WAS PREPARED under the Architect's supervision, and is an "Instrument of Service" in limited liability for use on this Project. The Architect's Services are performed solely in the interest of the Architect's Client; no obligation is assumed by the Architect for the benefit of any other entity involved in the Construction Work. The information, ideas and designs indicated — including the overall form, arrangement and composition of spaces or building elements — constitutes the original, confidential, and unpublished Work and property of the Architect. Possession of this Drawing confers no right or license to disclose to others the subject matter contained herein for any but authorized purposes. Unauthorized use, reproduction or distribution — in whole or in part — is strictly prohibited. Copyright © 2016 by KEM STUDIO.

PORT KC OFFICES
1000 BERKLEY PARKWAY - SPACE E177
KANSAS CITY, MO 64106
PROJECT NUMBER: A1718

ISSUED FOR:
P.R. #01 - SHELL OPENINGS 01.05.2018
PERMIT 01.12.2018

WALL / CEILING / FLOOR TYPES

SEAL
STATE OF MISSOURI
MATTHEW B. MURPHY
NUMBER
A-2017022298
01/12/18
ARCHITECT

A002