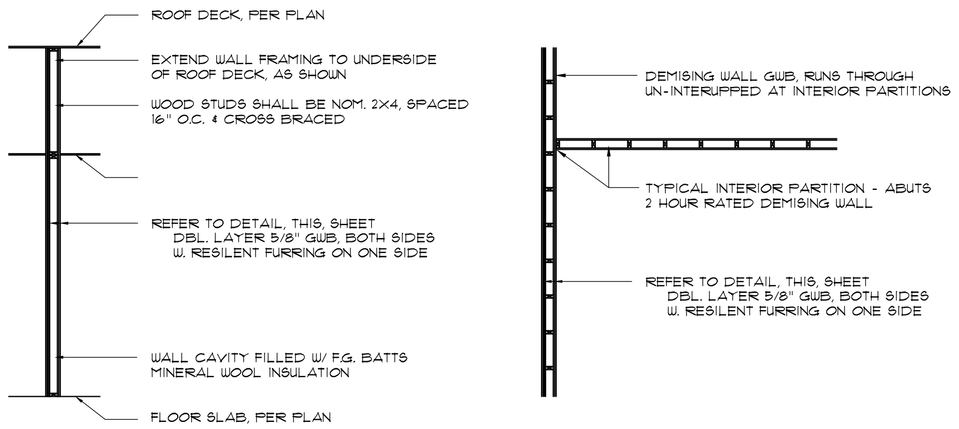
These drawings, as instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on any other job without specific and individual authorization by the architect.

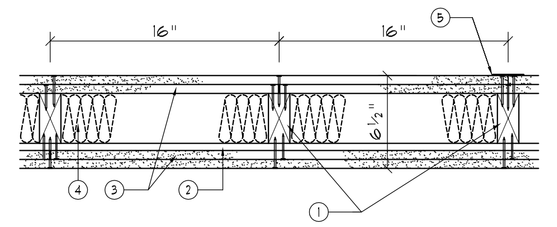


DEMISING WALL SECTION
2 HOUR FIRE RESISTIVE WALL BETWEEN TENNENT AREAS EQUAL TO UL Des. U334 - BEARING

WALL INTERSECTION PLAN
2 HOUR FIRE RESISTIVE WALL BETWEEN TENNENT AREAS EQUAL TO UL Des. U334 - BEARING

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

Design No. U334
Bearing Wall Rating-2 Hr.



1. Wood Studs - cm, 2x4 in., spaced 16" O.C. Studs cross braced at mid-height and effectivly fire stopped at top & bottom of wall.

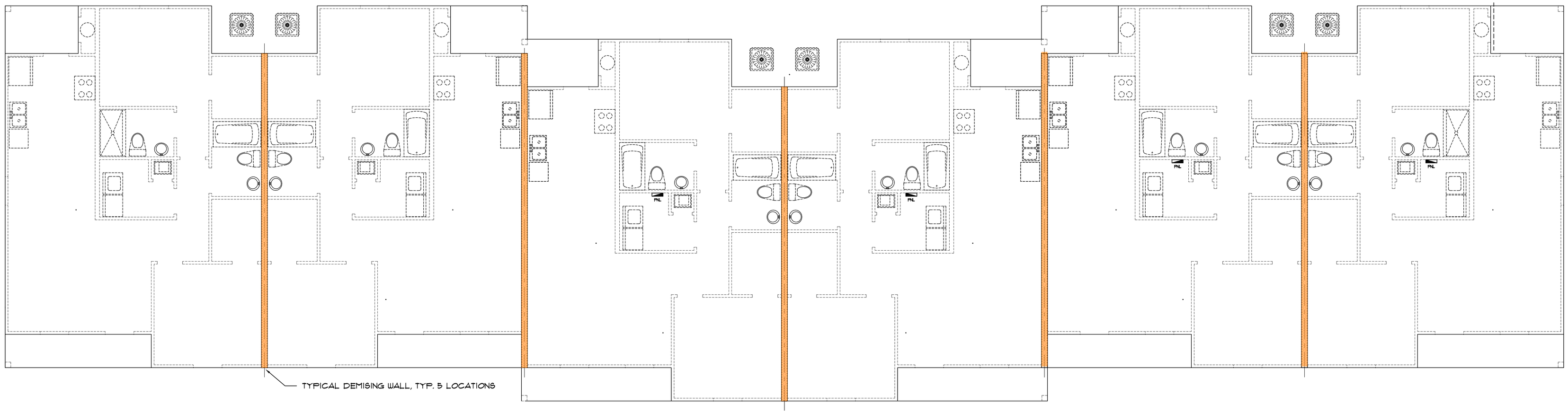
2. Furring Channel - resilent, 25 MSG galv. steel, nom. 2 1/2" wide by 1/2" deep. Furring channels placed perpendicular to studs, spaced max.24" O.C., flange portion attached to each intersecting stud w/ 1" long Type S steel screws

3. Wallboard, Gypsum* - 5/8 in. thick, 4 ft. wide. Attached to furring channels, base layer with 1 in. long Type S steel screws spaced max. 24 in. O.C. Attached to wood studs, base layer with 1 5/8" lg. steel screws spaced max. 12" o.c. Attached to wood studs: base layer with 1 7/8 in. long 6d coated nails spced max. 14 in. O.C., face layer with 2 3/8 in. long 8d coated nails spaced max. 7 in. O.C. Base layersinstalled vertically. Face layers installed horizontally with ball joints offset 18 in. from base layers.
Canadian Gypsum Co., Ltd.* - Types C
Georgia Pacific Corp., Gypsum Division - Type GPFS-C
United States Gypsum Co. - Type C, IP-X2

4. Batts and Blankets*- Nom 3½ inch thick glass fiber batts with glass fiber mat septum, supplied in 16 inch widths, installed to fill interior of stud cavities, and friction held.
USG Accoustical Products Co.

5. Joints, Tape & Compound- Vinyl dry or premixed joint compound applied to jounts, screw headsand nail heads (two applications), paper tape 2 in. wide, embedded in first layer of compound over all joints.

*Bearing the UL Classification Marking



North

DEMISING WALL PLAN
SCALE: 3/16" = 1'-0"

REVISION:

Copyright 2025 ©
N.P. Geisler, Architect

DRAWN:
MPB

6 UNIT APARTMENT BUILDING for:
TOUCHSTONE CONSTRUCTION INC.
LAKE CITY, FLORIDA
ALTERNATE DEMISING WALL DETAILS

Celebrating 53 Years of Service
1972 - 2025
N.P. Geisler, Architect
AR0007005

CUSTOM ARCHITECTURAL DESIGN

NICHOLAS PAUL GEISLER
ARCHITECT
1758 NW Brown Rd.
Lake City, FL 32055
386-365-4355

DATE:
17 APR 2026
COMM:
2K2549
SHEET:
ADD.1
1 OF 1

AR0007005