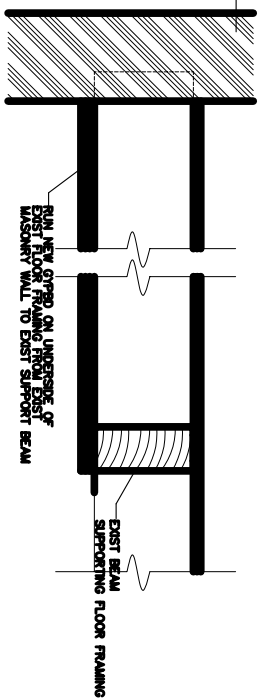
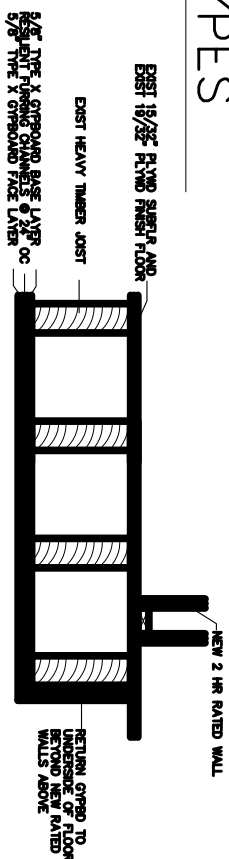


# FLOOR/CEILING/WALL TYPES

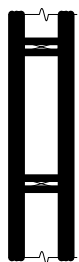
## C1 FLOOR/CEILING – TYPE 1 2 hr WOOD FRAMED

UL NO. L505  
Base layer 5/8" type X gypsum wallboard applied at right angles to 2x10 wood joists 16" o.c. applied w/ 8d nails, 2 1/2" long, 0.113" shank, 19/64" heads, 7" o.c. Resilient furring channels 24" o.c. applied at right angles to joists through base layer w/ one 8d nail, 2 1/2" long, 0.113" shank, 19/64" head. At each joist, face layer 5/8" type X gypsum wallboard applied at right angles to furring channels w/ 1" type S drywall screws 12" o.c. double channel installed at face layer end joints.  
WOOD JOISTS SUPPORTING 1" NOMINAL TWO WOOD SUBFLOOR AND 1" NOMINAL WOOD FINISH FLOOR.



## W1 WALL – TYPE 1 2 hr WOOD FRAMED

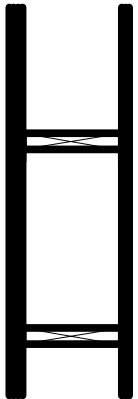
Gypsum wallboard, wood studs  
Base layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to each side of 2 x 4 wood studs 24" o.c. with 6d coated nails, 17/8" long, 0.085" shank, 1/2" type X gypsum wallboard or gypsum veneer base applied at right angles to each side with 8d coated nails, 2 3/8" long, 0.100" shank, 1/2" heads, 8" o.c. Joints staggered 24" each layer and side. Sound tested with studs 16" o.c. and with nails for base layer spaced 6" o.c. (LOAD-BEARING)



Thickness: 61/8"  
Approx. Weight: 12 pcf  
Fire Test: FIA WP 360, 9-27-74  
Sound Test: NCC 2363, 4-1-70

## C2 FLOOR/CEILING – TYPE 2 2 hr WOOD FRAMED

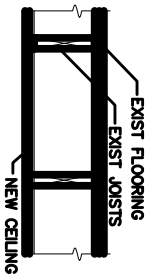
WOOD FLOOR, WOOD JOISTS, GYPSUM WALLBOARD, RESILIENT CHANNELS  
Base layer 5/8" proprietary type X gypsum wallboard applied at right angles to 2 x 10 wood joists 16" o.c. with 8d cement coated nails, 3 1/2" long, 0.113 shank, 3/4" heads, 7" o.c. Resilient channel 24" o.c. applied at right angles to wood framing through base layer with 17/8" long screws. Double channel installed at face layer and joists. Face layer 5/8" proprietary type X gypsum wallboard applied at right angles to resilient furring channels with 1" type S screws 12" o.c. Wood joists supporting 5/8" plywood subfloor and w/2" plywood finish floor applied at right angles to joists with joints staggered. Consult PROPRIETARY GYPSUM BOARD  
G-P Gypsum – 5/8" Toughboard® Frequent® C  
Ludger North America Inc. – 5/8" Freckboard® Type C  
National Gypsum Company – 5/8" Old Board® Brand FIRE-SHIELD® G  
Gypsum Wallboard  
PABO Gypsum – 5/8" FLAME CURB® Super™ C  
United States Gypsum Company – 5/8" SHEETROCK® Brand Gypsum Panels, FRECKOET® C Core



Approx. Ceiling Weight: 8 pcf  
Fire Test: UL R319-114, 7-21-97, UL Design L511

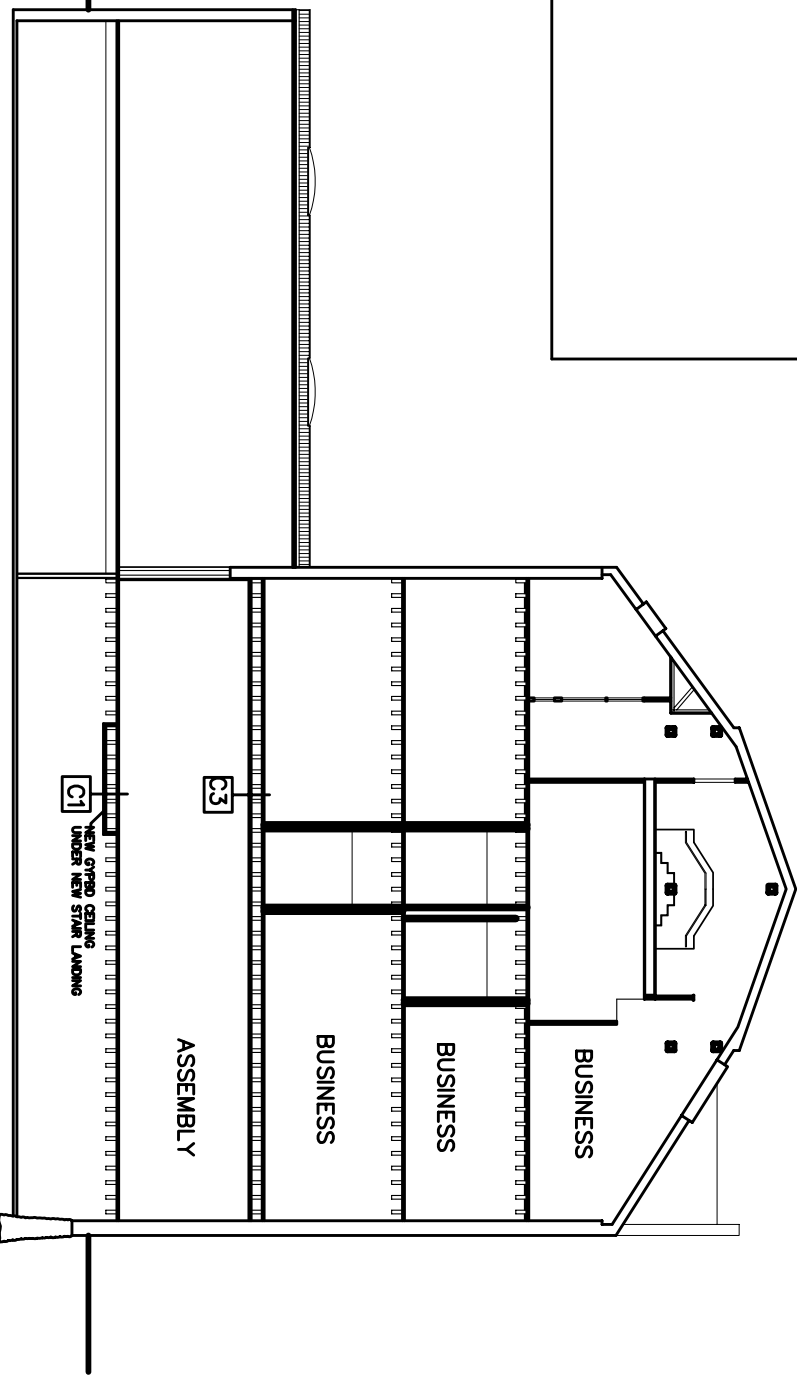
## C3 FLOOR/CEILING – TYPE 3 1 hr WOOD FRAMED

WOOD JOISTS, GYPSUM WALLBOARD, RESILIENT CHANNELS  
One layer 1/2" type X gypsum wallboard or gypsum veneer base applied at right angles to resilient furring channels 24" o.c. with 1" Type S drywall screws 12" o.c. Gypsum board end joints located midway between continuous channels and attached to additional pieces of channel 54" long with screws 12" o.c. Resilient furring channels applied at right angles to 2 x 10 wood joists 16" o.c. with 1 1/4" Type W drywall screws or 6d common nails. Wood joists supporting 1" nominal T & G wood subfloor and 1" nominal wood finish floor, or 5/8" plywood finished floor with long edges T & G and 1/2" interior plywood with exterior glue subfloor perpendicular to joists with joints staggered.

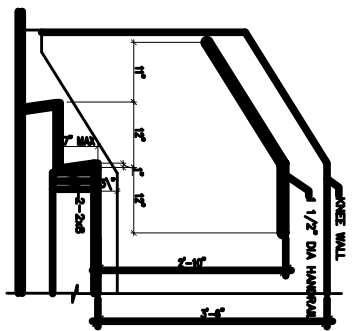


Approx. Ceiling Weight: 2 pcf  
Fire Test: UL T335A3-8, 7-8-88, UL Design L517  
Sound Test: See FC 5240 (OX 6512-6, -7, 4-15-85)

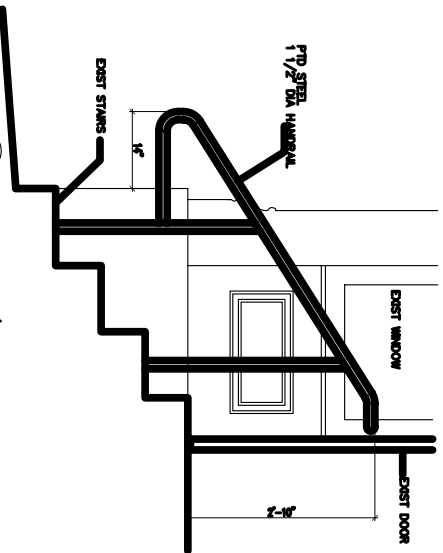
## 4 TYPICAL BUILDING SECTION



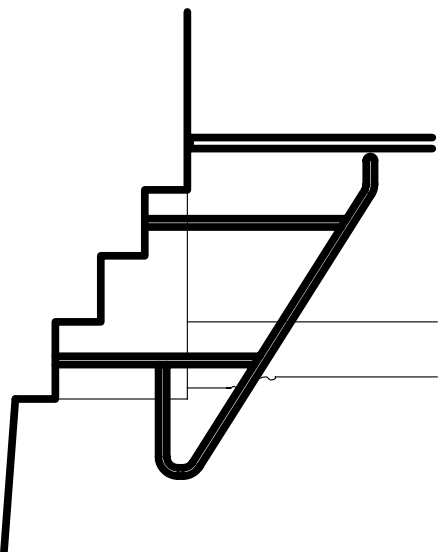
## 1 STAIR SECTION/HANDRAIL ELEVATION



## 2 STAIR SECTION/HANDRAIL ELEVATION



## 3 STAIR SECTION/HANDRAIL ELEVATION



Date	January 26, 2006
Scale	1/4" = 1'-0"
Drawn By:	Checked By:
Revisions:	

ARCHETYPE, P.A.  
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Project:  
10 DANA STREET  
1ST FLOOR  
ALTERATIONS

Owner:

FLOOR/CEILING  
& WALL TYPES  
HANDRAIL DETAILS

A-2