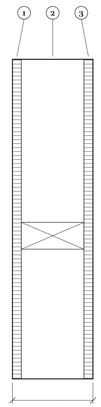
A3 INTERIOR WALL ASSEMBLY (INTERIOR PARTITION, 2X4)

SCALE: 3" = 1'-0"

0" 3" 6" 9" 1'-0"



CONSTRUCTION ASSEMBLY
NOT PROVIDED — BY OTHERS

TESTED FIRE RESISTANCE RATING
NON-RATED

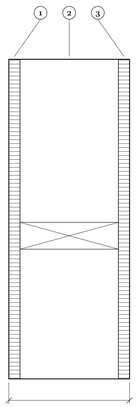
COMPONENTS

1 1/2 IN GYPSUM BOARD - 0.5 IN.
2 2X4 WOOD STUDS AT 16 IN O.C. - 3.5 IN.
3 1/2 IN GYPSUM BOARD - 0.5 IN.

A4 INTERIOR WALL ASSEMBLY (INTERIOR WET WALL, 2X6)

SCALE: 3" = 1'-0"

0" 3" 6" 9" 1'-0"



CONSTRUCTION ASSEMBLY
NOT PROVIDED — BY OTHERS

TESTED FIRE RESISTANCE RATING
NON-RATED

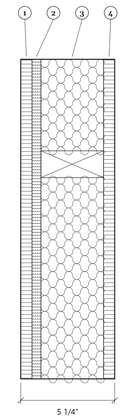
COMPONENTS

1 5/8 IN TYPE X MOISTURE-RESISTANT GYPSUM BOARD - 0.625 IN.
2 2X6 WOOD STUDS AT 16 IN O.C. - 5.5 IN.
3 5/8 IN TYPE X MOISTURE-RESISTANT GYPSUM BOARD - 0.625 IN.

B1 INTERIOR WALL ASSEMBLY (ACOUSTIC PARTITION, 1-HR, 2X4 WITH RESILIENT CHANNEL)

SCALE: 3" = 1'-0"

0" 3" 6" 9" 1'-0"



CONSTRUCTION ASSEMBLY
UL DESIGN NO. U309

TESTED FIRE RESISTANCE RATING
1 HOUR FIRE

SOUND RATING
50 STC

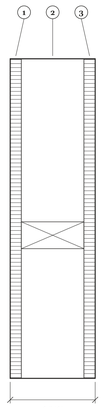
COMPONENTS

1 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
2 RESILIENT CHANNEL, 25 MSG, ONE SIDE - 0.5 IN.
3 2X4 WOOD STUDS AT 24 IN O.C. - 3.5 IN.
4 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
U U-FACTOR 0.084 (R 11.9), SERIES PATH - VERIFY LOCALLY

C1 INTERIOR WALL ASSEMBLY (CORRIDOR PARTITION, 1-HR, 2X4)

SCALE: 3" = 1'-0"

0" 3" 6" 9" 1'-0"



CONSTRUCTION ASSEMBLY
UL DESIGN NO. U305

TESTED FIRE RESISTANCE RATING
1 HOUR FIRE

SOUND RATING
32 STC

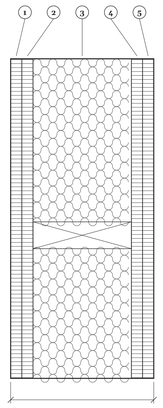
COMPONENTS

1 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
2 2X4 WOOD STUDS AT 16 IN O.C. - 3.5 IN.
3 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.

F1 INTERIOR WALL ASSEMBLY (STAIR AND SHAFT ENCLOSURE, 2-HR, 2X6)

SCALE: 3" = 1'-0"

0" 3" 6" 9" 1'-0"



CONSTRUCTION ASSEMBLY
UL DESIGN NO. U301

TESTED FIRE RESISTANCE RATING
2 HOUR FIRE

SOUND RATING
42 STC

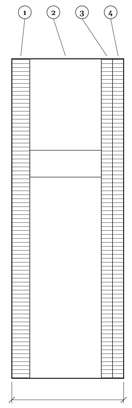
COMPONENTS

1 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
2 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
3 2X6 WOOD STUDS AT 16 IN O.C. - 5.5 IN.
4 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
5 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.

G2 INTERIOR WALL ASSEMBLY (SHAFT WALL, 2-HR, C-H STUDS)

SCALE: 3" = 1'-0"

0" 3" 6" 9" 1'-0"



CONSTRUCTION ASSEMBLY
UL DESIGN NO. U415

TESTED FIRE RESISTANCE RATING
2 HOUR FIRE

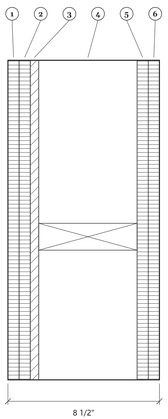
COMPONENTS

1 1 IN GYPSUM SHAFT LINER PANEL - 1 IN.
2 4 IN C-H STEEL STUDS, 25 GA, AT 24 IN O.C. - 4 IN.
3 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
4 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.

S1 INTERIOR WALL ASSEMBLY (SHEAR WALL, 2-HR, 2X6 WITH WOOD STRUCTURAL PANEL)

SCALE: 3" = 1'-0"

0" 3" 6" 9" 1'-0"



CONSTRUCTION ASSEMBLY
UL DESIGN NO. U301

TESTED FIRE RESISTANCE RATING
2 HOUR FIRE

COMPONENTS

1 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
2 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
3 15/32 IN (NOMINAL 1/2 IN) WOOD STRUCTURAL PANEL SHEATHING - 0.469 IN.
4 2X6 WOOD STUDS AT 16 IN O.C. - 5.5 IN.
5 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.
6 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.

CONSTRUCTION NOTES

WALL RATINGS:
Listed assemblies retain their source test references. Authored study assemblies without a test listing have not been verified for fire resistance. Review the held rating basis for each assembly.

SUBSTITUTIONS:
All assemblies must be installed per assembly number. Any substitutions must be submitted to architect for review. Subject to local approval.

INDIVIDUAL ENCASEMENT:
All steel columns must be individually encased the full column length on all sides and protected to 1-hour minimum.

WET LOCATIONS:
Use moisture resistant gypsum board at wet walls of equal fire protection required.

JOINTS:
Gypsum board edges in rated systems must be in moderate contact. Gaps up to 1/4" filled with fire caulk. Gaps over 1/4" not acceptable.

WRB NOTE:
Weather barriers, flashings and connections remain to be selected for the authored exterior wall. Its diagram shows the held layer dimensions only.

SHEET NOTES

1. ASSEMBLIES: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.
2. ASSEMBLIES A3, A4, B1, C1, F1, G2 AND 1 MORE: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
MECHANICAL	NOT PROVIDED — BY OTHERS
PLUMBING	NOT PROVIDED — BY OTHERS
ELECTRICAL	NOT PROVIDED — BY OTHERS
LANDSCAPE	NOT PROVIDED — BY OTHERS
FIRE PROTECTION	NOT PROVIDED — BY OTHERS
GEOTECHNICAL	NOT PROVIDED — BY OTHERS

REVIEW
Prepared for review by the design professional of record. Not for construction or permit submission.

PROJECT

Architecture.Engineering — L courtyard study

FICTIONAL STUDY: NO REAL PARCEL
ARCHITECTURE/ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

MARK DATE DESCRIPTION

REGISTER

Project	AE-STUDY-L01
Issue	NOT PROVIDED — BY OTHERS
Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE
The set's open issue is stated on the cover, G0.01.

CONSTRUCTION ASSEMBLIES — WALL TYPES

SHEET
A5.1