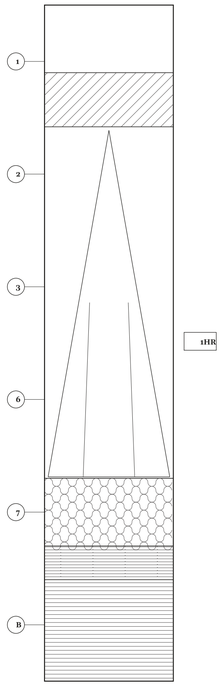
G1 RATED ROOF-CEILING ASSEMBLY (1 HOUR ROOF TRUSSES)

SCALE: NTS



CONSTRUCTION ASSEMBLY
UL DESIGN NO. NOT PROVIDED — BY OTHERS

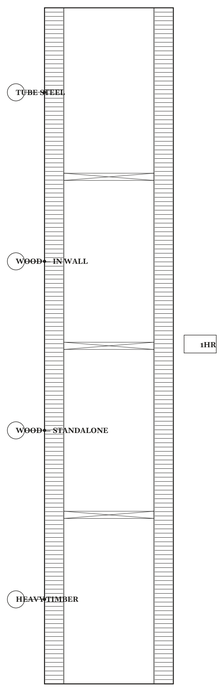
TESTED FIRE RESISTANCE RATING
1 HOUR FIRE

COMPONENTS

1 CLASS A ROOFING SYSTEM OVER 15/32" STRUCTURAL PANELS
2 TRUSSES — PITCHED, 24" OC MAX, NOM 2 BY 4 MEMBERS
3 BATTS — R-30 GLASS FIBER INSULATION
6 RESILIENT CHANNELS — 25 MSG GALV STEEL, 16" OC
7 GYPSUM BOARD — 5/8" TYPE X, 1" TYPE S SCREWS 12" OC
B R-17 MIN. RIGID INSULATION OVER SHEATHING

M STRUCTURAL COLUMNS (RATING PER PLAN)

SCALE: NTS



CONSTRUCTION ASSEMBLY
UL 263: DESIGN NO. NOT PROVIDED — BY OTHERS / CALCULATED

TESTED FIRE RESISTANCE RATING
1 HOUR FIRE

COMPONENTS

TUBE STEEL	Two layers 1/2" GWB wrapped with 24 MSG steel covers
WOOD — IN WALL	Membrane protection from wall assembly per 704.4.1
WOOD — STANDALONE	Two layers 5/8" Type X GWB (80 min per 722.6.2)
HEAVY TIMBER	Inherent fire resistance per Table 2304.11; no encasement required

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 G1, M: 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 — ROOF/CEILING & COLUMN

SHEET
A5.3