PROJECT SUMMARY

PROPOSED USE:
R-2 — MULTIFAMILY RESIDENTIAL

PROPOSED STORIES:
4 STORY

TYPE OF CONSTRUCTION:
NOT PROVIDED — BY OTHERS

OCCUPANCY TYPES:
R-2, A-2, S-2 (NON-SEPARATED)

SPRINKLER SYSTEM:
NFPA 13 (HEADS: NOT PROVIDED — BY OTHERS, FP-006)

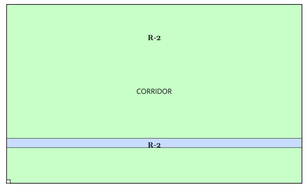
FACILITY AREA:
TOTAL FACILITY: 62,040 S.F. (APPROX.)

APPLICABLE CODES:

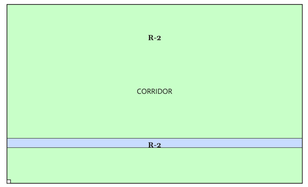
- JURISDICTION DATA UNVERIFIED — CONFIRM ADOPTED EDITIONS WITH THE AHJ
- ADOPTED EDITIONS: NOT DETERMINED -- TO BE CONFIRMED WITH THE AHJ

OCCUPANCY DIAGRAMS

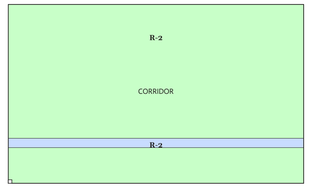
LEVEL 1 — TENANT SHELLS AND COMMON CIRCULATION



LEVEL 2



ROOF



R-2 OCCUPANCY B OCCUPANCY A-2 OCCUPANCY

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 00.

TABLE 601 — CONSTRUCTION TYPE

BUILDING ELEMENT	RATING
PRIMARY STRUCTURAL FRAME	1 HOUR
BEARING WALLS — EXTERIOR	1 HOUR
BEARING WALLS — INTERIOR	1 HOUR
NON-BEARING WALLS — EXT.	SEE TABLE 705.5
NON-BEARING WALLS — INT.	0 HOUR
FLOOR CONSTRUCTION	1 HOUR
ROOF CONSTRUCTION	1 HOUR

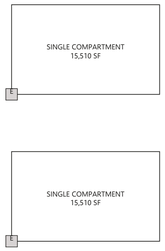
TABLE 601 COLUMN: TYPE VA (AS DRAWN)

INTERIOR FINISH

SPACE TYPE	W/ SPKL
EXIT ENCLOSURES / STAIRWAYS CLASS B	CLASS A
CORRIDORS CLASS B	CLASS B
ROOMS AND ENCLOSED SPACES CLASS C	CLASS C
FLAME SPREAD < 200 SMOKE DEV. < 450	

SMOKE COMPARTMENT DIAGRAMS

LEVEL 1 — TENANT SHELLS AND COMMON CIRCULATION — SMOKE COMPARTMENTS



LEVEL 2 — SMOKE COMPARTMENTS

= EXIT FROM SMOKE COMPARTMENT

MAX SMOKE COMPARTMENT AREA: 22,500 SF (IBC 407.5 / 420.6)

FIRE & SMOKE PROTECTION WALL LEGEND

1-HR FIRE PARTITION
IBC 708 — Corridors, dwelling unit separation

1-HR FIRE BARRIER
IBC 707 — Shaft enclosures, exit enclosures

2-HR FIRE BARRIER
IBC 707 — Shaft enclosures 4+ stories

SMOKE BARRIER
IBC 709 — Smoke compartment separation

SMOKE PARTITION
IBC 710 — Corridor walls in I-1

KEY CODE SECTION EXCERPTS

IBC 707 — FIRE BARRIERS
Fire barriers shall extend from the top of the foundation or floor/ceiling assembly below to the underside of the floor or roof sheathing, slab or deck above and shall be securely attached thereto. Openings limited to 25% of wall length, max 156 SF single opening (exception: unlimited with NFPA 13 sprinkler system).

IBC 708 — FIRE PARTITIONS
Fire partitions shall extend from the top of the foundation or floor/ceiling assembly below to: (1) underside of floor/roof sheathing above, or (2) underside of rated floor/ceiling assembly. Openings protected per Section 716.

IBC 709 — SMOKE BARRIERS
Smoke barriers shall form an effective membrane continuous from top of foundation to underside of roof sheathing, including continuity through concealed spaces such as above suspended ceilings. Smoke compartments max 22,500 SF per IBC 407/420.

IBC 713 — SHAFT ENCLOSURES
Shaft enclosures shall have a fire-resistance rating of not less than 2 hours where connecting 4+ stories, and not less than 1 hour where connecting less than 4 stories. Number of stories includes basements but not mezzanines.

IBC 903 — AUTOMATIC SPRINKLER SYSTEMS
Group I-1 occupancies shall be equipped throughout with an automatic sprinkler system in accordance with NFPA 13. Sprinkler system provides allowable area and height increases per IBC Table 504.3 and Section 506.3.

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.

BUILDING CODE REFERENCE SHEET

SHEET

G0.02