ARCHITECTURE.ENGINEERING — L COURTYARD STUDY

FICTIONAL STUDY: NO REAL PARCEL

CONSTRUCTION DOCUMENTS | PHASE: CD

Open issue: the design model's validation gate reads PASS, with 4 warnings (EGR-03 common path of egress, PRG-01 unit count, DQL-01 core at terminus, STR-02 demising grid snap).

FRONT ELEVATION AND LEVEL DATUMS



SOUTH FACE: SILHOUETTE AND FLOOR LINES FROM THE IBG LEVELS. NOT TO SCALE; THE ELEVATIONS FROM A3.1 DRAW EVERY FACE.

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE BEFORE PROCEEDING WITH ANY WORK.
2. ANY ERRORS, OMISSIONS OR CONFLICTS FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE OWNER BEFORE PROCEEDING WITH ANY WORK.
3. CONTRACTOR: USE WRITTEN DIMENSIONS. DO NOT SCALE THE DRAWINGS; REQUEST MISSING DIMENSIONS FROM THE ARCHITECT.
4. CONTRACTOR: READ PLAN DIMENSIONS TO FACE OF STUD OR CONCRETE UNLESS OTHERWISE NOTED; REFER UNCLEAR DATUMS TO THE ARCHITECT.
5. ARCHITECT: CONFIRM THE APPLICABLE BUILDING CODE AND LOCAL AMENDMENTS WITH THE AUTHORITY HAVING JURISDICTION.
6. OWNER: OBTAIN THE REQUIRED APPROVALS AND PERMITS BEFORE AUTHORISING CONSTRUCTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL TRADES AND ENSURING THAT THE WORK OF ONE TRADE DOES NOT INTERFERE WITH ANOTHER.
8. CONTRACTOR: FOLLOW THE PROJECT'S SPECIFIED MATERIALS, WORKMANSHIP AND REFERENCED STANDARD EDITIONS; REFER UNSPECIFIED REQUIREMENTS TO THE ARCHITECT.

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G0.02 Building Code Reference Sheet
G0.03 Preliminary Code and Access Ledger
G0.04 Level L1 Access Study
G0.05 Level L1 Source Wall Rating Review
G0.06 Egress Analysis Summary
G0.07 Abbreviations, Symbols & General Information
G0.08 Energy Compliance
G0.09 General Construction Notes
G0.10 Material Specifications & Referenced Standards
G0.11 Level L1 Preliminary Occupancy and Egress
G0.12 Level L2 Preliminary Occupancy and Egress
G0.13 Level L3 Preliminary Occupancy and Egress
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G0.15 Level RF Preliminary Occupancy and Egress
G0.16 Level L1 Held Wall Ratings and Room Occupancy
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G0.19 Penetration Plan
G0.20 Firestop Schedule
G0.21 Flood and Wildfire Hazard Screen
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C1.2 Site Context Plan
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C2.1 Grading and Drainage Plan
C3.1 Utility Plan
C4.1 Erosion and Sediment Control Plan

PROJECT DATA

PROPOSED USE:
R-2, M

PERMIT NUMBER:
NOT PROVIDED — BY OTHERS

SITE ADDRESS:
Fictional study: no real parcel

PROPERTY OWNER:
NOT PROVIDED — BY OTHERS

JURISDICTION:
Portland, OR

DESIGN PHASE:
CONSTRUCTION DOCUMENTS

FIRM RULES APPLIED:
0 (NO FIRM RULES RECORDED)

BUILDING CODE SUMMARY

OCCUPANCY TYPE:
R-2, M

CONSTRUCTION TYPE:
NOT PROVIDED — BY OTHERS

STORIES:
4

TOTAL UNITS:
46 DU

GROSS BUILDING AREA:
62,040 SF

SPRINKLER SYSTEM:
YES -- NFPA 13

ZONING:
NOT PROVIDED — BY OTHERS

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

STRUCTURAL DESIGN DATA

CODES: IBC 2021 (REFERENCE); STRUCTURAL DESIGN BASIS AS THE DESIGN STATES IT: IBC 2021 / ASCE 7-16 / ACI 318-19 / NDS 2018

RISK CATEGORY: II (TABLE 1604.5)

FLOOR LIVE LOADS: DWELLING UNITS 40 PSF (TABLE 1607.1 MIN. 40); UPPER CORRIDORS 40 PSF (TABLE 1607.1 MIN. 40); FIRST-FLOOR CORRIDORS 100 PSF (TABLE 1607.1 MIN. 100); PARKING 40 PSF (TABLE 1607.1 ITEM 15); RETAIL 100 PSF (TABLE 1607.1 ITEM 34); COURTYARD 100 PSF (TABLE 1607.1 ITEM 37); MECHANICAL NOT PROVIDED — BY OTHERS; FOUNDATION LIVE LOAD FACTOR 0.5

ROOF LIVE LOAD: 20 PSF (TABLE 1607.1 MIN. 20)

SNOW: GROUND SNOW LOAD PG NOT PROVIDED — BY OTHERS; PF NOT PROVIDED — BY OTHERS; DRIFT NOT PROVIDED — BY OTHERS

WIND: V NOT PROVIDED — BY OTHERS; VASD NOT PROVIDED — BY OTHERS; RISK CATEGORY II; EXPOSURE B (ASSUMPTION); INTERNAL PRESSURE COEFFICIENT NOT PROVIDED — BY OTHERS; COMPONENT AND CLADDING PRESSURES NOT PROVIDED — BY OTHERS

SEISMIC: RISK CATEGORY II; IE 1.0; SS 0.95; S1 0.43; SITE CLASS D; SDS 0.74; SD1 0.52; SDC D; SFRS LIGHT-FRAME WOOD SHEAR WALLS OVER CONCRETE SHEAR WALLS; V 757.8 KIPS; CS 0.1138; R 6.5 (WOOD WALLS); ELF (ASCE 7-16 SEC 12.8)

SOIL BEARING: 2000 PSF (FIXTURE; REPORT NONE — FIXTURE)

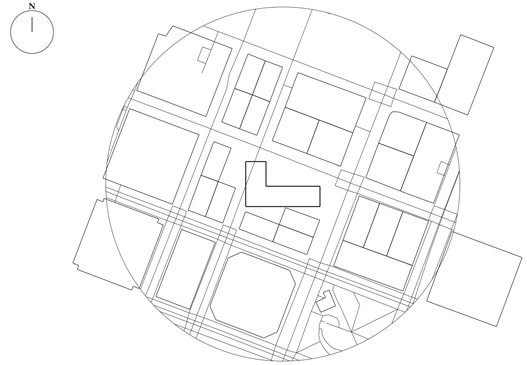
FLOOD DESIGN DATA: NOT PROVIDED — BY OTHERS

SPECIAL LOADS: ROOFTOP PV DEAD LOAD 5.0 PSF; MECHANICAL AREAS LIVE NOT PROVIDED — BY OTHERS

RAINFALL INTENSITY I: NOT PROVIDED — BY OTHERS

DEAD LOADS (ENGINE ASSEMBLY TAKEOFF): PODIUM 98, RESIDENTIAL 43, ROOF 31 PSF

VICINITY MAP



OVERTURE MAPS RELEASE 2026-09-23.1: BUILDINGS AND ROADS WITHIN 150 M OF 45.52, -122.68. THE PROPOSED OUTLINE IS HEAVY.
THE SITE POINT IS A FIXTURE POINT, NEVER A REAL PARCEL.
© OpenStreetMap contributors, Overture Maps Foundation
C1.2 DRAWS THE CONTEXT AT SCALE WITH ITS NOTES.

DEFERRED SUBMITTALS

IBC 107.3.4.1: LISTED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE; NOT INSTALLED UNTIL THE BUILDING OFFICIAL APPROVES THE SUBMITTAL DOCUMENTS

ITEM	CRITERIA	RESPONSIBLE PARTY	TIMING	BASIS
FLOOR TRUSSES FT-1	24.9 FT SPAN, 16 IN DEEP AT 24 IN; LIVE 40 PSF, DEAD 43 PSF; DEFLECTION L/360 LIVE, L/240 TOTAL; FLOOR FREQUENCY STR-VIB-001	TRUSS DESIGNER; MANUFACTURER'S SUBMITTAL PACKAGE (2303.4.3); REVIEWED BY THE RDP IN RESPONSIBLE CHARGE	APPROVED BEFORE INSTALLATION (2303.4.1.1)	107.3.4.1, 2303.4.1.1, 2303.4.3
FLOOR TRUSSES FT-2	24.9 FT SPAN, 16 IN DEEP AT 24 IN; LIVE 40 PSF, DEAD 43 PSF; DEFLECTION L/360 LIVE, L/240 TOTAL; FLOOR FREQUENCY STR-VIB-002	TRUSS DESIGNER; MANUFACTURER'S SUBMITTAL PACKAGE (2303.4.3); REVIEWED BY THE RDP IN RESPONSIBLE CHARGE	APPROVED BEFORE INSTALLATION (2303.4.1.1)	107.3.4.1, 2303.4.1.1, 2303.4.3
AUTOMATIC SPRINKLER SYSTEM	NFPA 13 (FP-006)	FIRE PROTECTION DESIGNER; REVIEWED BY THE RDP IN RESPONSIBLE CHARGE	APPROVED BEFORE INSTALLATION (107.3.4.1)	107.3.4.1
STANDPIPE SYSTEM	CLASS I (FP-007)	FIRE PROTECTION DESIGNER; REVIEWED BY THE RDP IN RESPONSIBLE CHARGE	APPROVED BEFORE INSTALLATION (107.3.4.1)	107.3.4.1

BUILDING INSULATION VALUES

EXTERIOR WALL AE1, GROUP R:	NOT PROVIDED — BY OTHERS (NRG-ENV-001)
ROOF (FLAT PARAPET), GROUP R:	NOT PROVIDED — BY OTHERS (NRG-ENV-002)
VERTICAL FENESTRATION, FIXED:	NOT PROVIDED — BY OTHERS (NRG-ENV-003)
VERTICAL FENESTRATION, OPERABLE:	NOT PROVIDED — BY OTHERS (NRG-ENV-004)
FLOORS OVER UNCOND.:	NOT PROVIDED — BY OTHERS

ISSUE MATRIX

ISSUE	DATE	PURPOSE	STATUS	CHANGED	G	A	S	M	P	E	FP	FA	L	C
NO REVISION RECORDED FOR THIS SET														
THIS SET	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	DRAWN		28	59	10	8	5	8	3	2	1	6

X: THE ISSUE'S SET CARRIES THE SERIES. THE LAST ROW COUNTS THIS SET'S SHEETS IN EACH SERIES.

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

Open issue: the design model's validation gate reads PASS, with 4 warnings (EGR-03 common path of egress, PRG-01 unit count, DQL-01 core at terminus, STR-02 demising grid snap).

COVER SHEET, PROJECT DATA & INDEX

SHEET

G0.01

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)

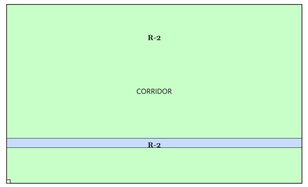
FACILITY AREA:
TOTAL FACILITY: 62,040 S.F. (APPROX.)

APPLICABLE CODES:

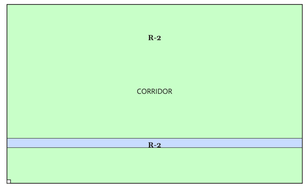
- JURISDICTION DATA UNVERIFIED — CONFIRM ADOPTED EDITIONS WITH THE AHJ
- ADOPTED EDITIONS: NOT DETERMINED -- TO BE CONFIRMED WITH THE AHJ

OCCUPANCY DIAGRAMS

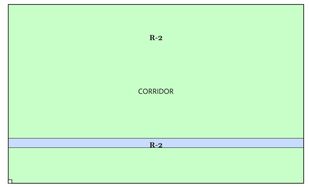
LEVEL 1 — TENANT SHELLS AND COMMON CIRCULATION



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

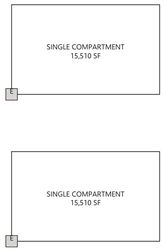
TABLE 601 COLUMN: TYPE VA (AS DRAWN)

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

PRELIMINARY LIFE SAFETY CODE LEDGER

CALCULATION / DECLARED INPUT	PRELIMINARY LEDGER RESULT
OCCUPANCY CLASSIFICATION	R-2, M
DWELLING UNITS	R-2 -- IBC 2021 310.3 -- MAIN OCCUPANCY
TENANT SUITE SPACES	M -- IBC 2021 302.1 -- MIXED OCCUPANCY (508.1)
CONSTRUCTION TYPE	NOT PROVIDED — BY OTHERS
NUMBER OF STORIES	4
SPRINKLERED	YES -- NFPA 13
HEIGHT AND AREA (IBC 504-506)	13: OK; 13R: EXCEEDS
ALLOWABLE STORIES (IBC 504.4)	13: 4 ALLOWED / 4 ACTUAL -- OK; 13R: 3 ALLOWED / 4 ACTUAL -- V-4
ALLOWABLE AREA/STORY (IBC 506.2)	13: 36,000 SF / 15,510 SF -- OK; 13R: 12,000 SF / 15,510 SF -- EXCEEDS (506.2.2: SUM OF RATIOS 5.17 / 3)
MIXED OCCUPANCY (IBC 508)	NOT PROVIDED — BY OTHERS
TYPE SEARCH (IBC 601)	NOT PROVIDED — BY OTHERS
EXTERIOR WALL, NORTH (IBC 705)	FSD NOT PROVIDED — BY OTHERS; 34.3% OPEN (L3); 1 HR MIN.
EXTERIOR WALL, EAST (IBC 705)	FSD NOT PROVIDED — BY OTHERS; 31.3% OPEN (L3); 1 HR MIN.
EXTERIOR WALL, SOUTH (IBC 705)	FSD NOT PROVIDED — BY OTHERS; 28.4% OPEN (L2); 1 HR MIN.
EXTERIOR WALL, WEST (IBC 705)	FSD NOT PROVIDED — BY OTHERS; 36.0% OPEN (L2); 1 HR MIN.
NFPA 285, AE1 (IBC 1402, 2603)	NOT TRIGGERED (TYPE VA)
TOTAL OCCUPANT LOAD	479 PERSONS
TOTAL EXIT STAIR CAPACITY	PASS
WORST-CASE TRAVEL DISTANCE	164' (OK) / 250' MAX
EGRESS WIDTH REQUIRED	0.3" PER OCC. (STAIR) -- 44.0 IN AT L2 -- IBC 2021 §1005.3.1, §1005.5, §1011.2
STAIR ENCLOSURE	2-HR -- IBC 2021 §1023.2
CORRIDOR FIRE RATING	0.5-HR -- IBC 2021 T1020.2 (R — rated even sprinklered)
ELEVATOR SHAFT	NOT PROVIDED — BY OTHERS

PRELIMINARY CALCULATIONS BY LEVEL

LEVEL	CALCULATED LOAD	CALCULATED EXITS	CALCULATED WORST TRAVEL	COMMON PATH
L1	226	2	152.8 FT	PASS, 10 OF 18 UNITS MEASURED
L2	85	2	161.1 FT	PASS
L3	84	2	164.2 FT	PASS
L4	84	2	164.2 FT	PASS

PRELIMINARY SIGNAGE AND WAYFINDING CALCULATIONS

SIGN	WHERE	LEVELS	COUNT	BASIS	RECORD
EXIT SIGNS AT THE EXITS AND ALONG THE EGRESS PATH	AT EACH EXIT THE PLAN GRAPH HOLDS, ILLUMINATED; ALONG THE CORRIDOR WHERE AN EXIT IS NOT IN VIEW	L1, L2, L3, L4	8	IBC 2021 1013.1, 1013.3	ACC-AE-018
TACTILE EXIT SIGNS, STAIR CORE-A-STAIR-A	AT EACH DOOR INTO THE EXIT STAIRWAY, EXIT IN VISUAL AND RAISED CHARACTERS AND BRAILLE	L1, L2, L3, L4	4	IBC 2021 1013.4	ACC-AE-019
STAIRWAY IDENTIFICATION SIGNS, STAIR CORE-A-STAIR-A	AT EACH FLOOR LANDING, BOTTOM 5 FT ABOVE THE LANDING	L1, L2, L3, L4	4	IBC 2021 1023.9, 1023.9.1	ACC-AE-020
TACTILE FLOOR-LEVEL SIGNS, STAIR CORE-A-STAIR-A	AT EACH FLOOR-LEVEL LANDING BESIDE THE DOOR INTO THE CORRIDOR, WHERE FLOOR LEVEL SIGNS ARE PROVIDED	L1, L2, L3, L4	4	IBC 2021 1023.11	ACC-AE-021
TACTILE EXIT SIGNS, STAIR CORE-B-STAIR-B	AT EACH DOOR INTO THE EXIT STAIRWAY, EXIT IN VISUAL AND RAISED CHARACTERS AND BRAILLE	L1, L2, L3, L4	4	IBC 2021 1013.4	ACC-AE-022
STAIRWAY IDENTIFICATION SIGNS, STAIR CORE-B-STAIR-B	AT EACH FLOOR LANDING, BOTTOM 5 FT ABOVE THE LANDING	L1, L2, L3, L4	4	IBC 2021 1023.9, 1023.9.1	ACC-AE-023
TACTILE FLOOR-LEVEL SIGNS, STAIR CORE-B-STAIR-B	AT EACH FLOOR-LEVEL LANDING BESIDE THE DOOR INTO THE CORRIDOR, WHERE FLOOR LEVEL SIGNS ARE PROVIDED	L1, L2, L3, L4	4	IBC 2021 1023.11	ACC-AE-024
TWO-WAY COMMUNICATION DIRECTIONS, CORE-A LANDINGS	BESIDE EACH TWO-WAY COMMUNICATION SYSTEM: DIRECTIONS, HOW TO SUMMON ASSISTANCE, THE LOCATION	L2, L3, L4	3	IBC 2021 1009.8.2	ACC-AE-025
DIRECTIONAL SIGNAGE, CORE-A LANDINGS	AT EACH ELEVATOR LANDING: THE OTHER MEANS OF EGRESS AND WHICH ARE ACCESSIBLE	L1, L2, L3, L4	4	IBC 2021 1009.10	ACC-AE-026
INSTRUCTIONS FOR USE UNDER EMERGENCY CONDITIONS	AREAS OF REFUGE; EXTERIOR AREAS FOR ASSISTED RESCUE	NONE	NONE	IBC 2021 1009.11	ACC-AE-027
AREA OF REFUGE SIGNS	AT EACH DOOR INTO AN AREA OF REFUGE: AREA OF REFUGE WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY, TACTILE PER 1013.4	NONE	NONE	IBC 2021 1009.9, 1112.1	ACC-AE-028
ACCESSIBLE ENTRANCE SIGNS	THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT EACH ACCESSIBLE ENTRANCE WHERE NOT ALL ENTRANCES ARE ACCESSIBLE	L1	0	IBC 2021 1112.1	ACC-AE-029
DIRECTIONAL SIGNAGE AT INACCESSIBLE ENTRANCES	AT EACH INACCESSIBLE BUILDING ENTRANCE: THE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE	L1	1	IBC 2021 1112.3	ACC-AE-030
DIRECTIONAL SIGNAGE AT EXITS AND ELEVATORS OUTSIDE THE ACCESSIBLE MEANS OF EGRESS	AT EXITS AND EXIT STAIRWAYS SERVING AN ACCESSIBLE SPACE BUT NOT PART OF THE ACCESSIBLE MEANS OF EGRESS, AND AT ELEVATORS NOT ON AN ACCESSIBLE ROUTE	NONE	NONE	IBC 2021 1112.3, 1009.10	ACC-AE-031

REVIEW SCOPE

1. SOURCE GEOMETRY IS SHOWN ON G0.04 AND G0.11, G0.12, G0.13, G0.14, G0.15. THE ARCHITECT MUST REVIEW THE HELD OPENINGS AND CORRIDOR LAYOUT.
2. ALL RESULTS ARE PRELIMINARY CALCULATIONS FROM DECLARED STUDY INPUTS. THE ARCHITECT MUST VERIFY OCCUPANCY, CONSTRUCTION, JURISDICTION AND APPLICABLE RULES.
3. A CALCULATED RESULT DOES NOT APPROVE A ROUTE, ASSEMBLY OR BUILDING. THE ARCHITECT AND ENGINEERS MUST VERIFY GRADES, HARDWARE, FIRE-PROTECTION AND EQUIPMENT LOCATIONS.
4. SIGNAGE VALUES ARE PRELIMINARY CODE-LEDGER CALCULATIONS FROM THE STUDY ATTRIBUTES. THE ARCHITECT MUST VERIFY THE SIGNAGE REQUIREMENTS, COUNTS AND LOCATIONS.
5. THE SIGNAGE SCHEDULE DOES NOT PLACE EQUIPMENT OR CONFIRM AN ACCESSIBLE ENTRANCE. THE ARCHITECT MUST ASSESS ROUTES, GRADES, HARDWARE AND MANEUVERING CLEARANCES.

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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PROJECT

Architecture.Engineering — L courtyard study

FICTIONAL STUDY: NO REAL PARCEL
ARCHITECTUREENGINEERING — 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

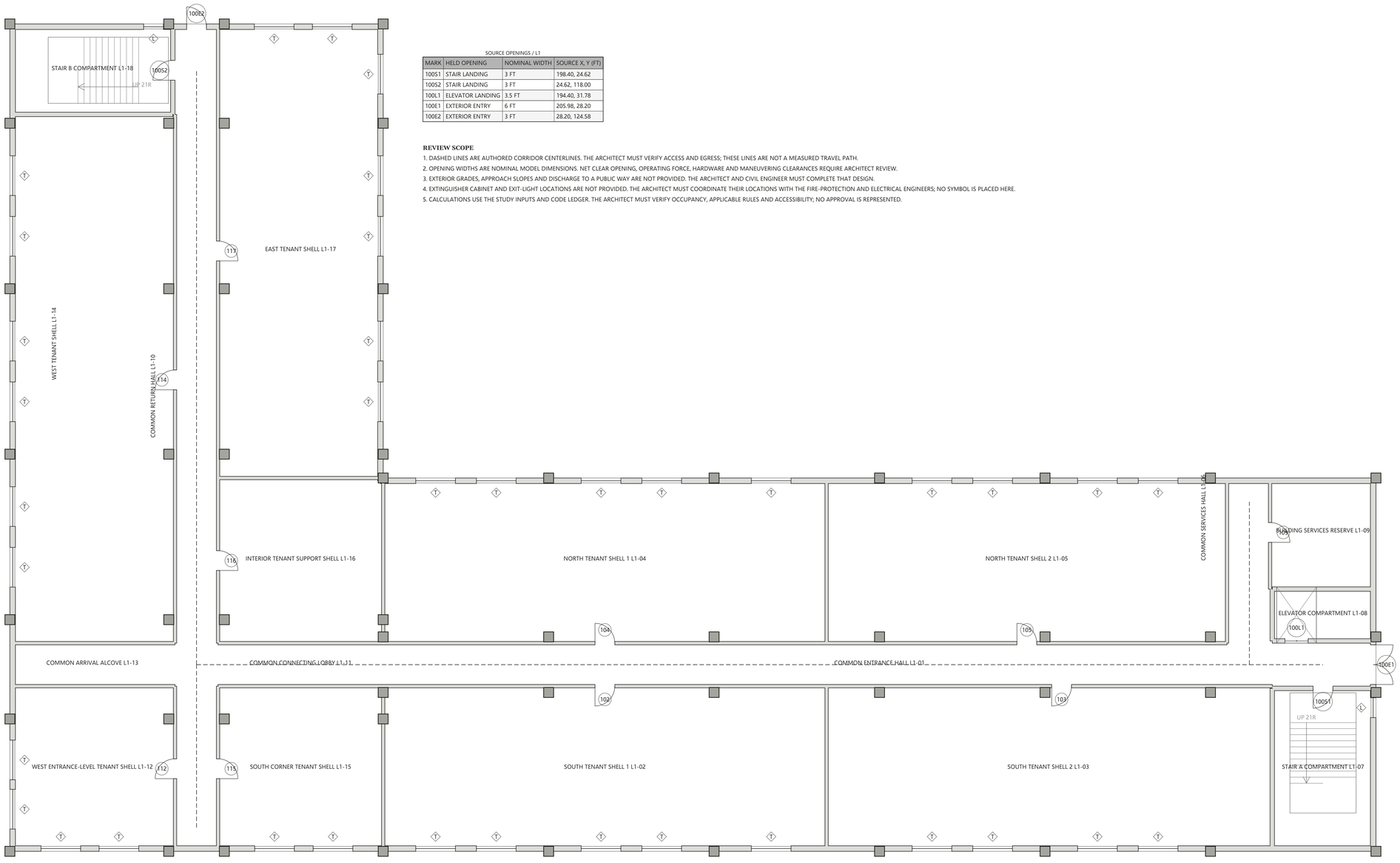
OPEN ISSUE

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

PRELIMINARY CODE AND ACCESS LEDGER

SHEET

G0.03



SOURCE OPENINGS / L1

MARK	HELD OPENING	NOMINAL WIDTH	SOURCE X, Y (FT)
100S1	STAIR LANDING	3 FT	198.40, 24.62
100S2	STAIR LANDING	3 FT	24.62, 118.00
100L1	ELEVATOR LANDING	3.5 FT	194.40, 31.78
100E1	EXTERIOR ENTRY	6 FT	205.98, 28.20
100E2	EXTERIOR ENTRY	3 FT	28.20, 124.58

REVIEW SCOPE

1. DASHED LINES ARE AUTHORED CORRIDOR CENTERLINES. THE ARCHITECT MUST VERIFY ACCESS AND EGRESS; THESE LINES ARE NOT A MEASURED TRAVEL PATH.
2. OPENING WIDTHS ARE NOMINAL MODEL DIMENSIONS. NET CLEAR OPENING, OPERATING FORCE, HARDWARE AND MANEUVERING CLEARANCES REQUIRE ARCHITECT REVIEW.
3. EXTERIOR GRADES, APPROACH SLOPES AND DISCHARGE TO A PUBLIC WAY ARE NOT PROVIDED. THE ARCHITECT AND CIVIL ENGINEER MUST COMPLETE THAT DESIGN.
4. EXTINGUISHER CABINET AND EXIT-LIGHT LOCATIONS ARE NOT PROVIDED. THE ARCHITECT MUST COORDINATE THEIR LOCATIONS WITH THE FIRE-PROTECTION AND ELECTRICAL ENGINEERS; NO SYMBOL IS PLACED HERE.
5. CALCULATIONS USE THE STUDY INPUTS AND CODE LEDGER. THE ARCHITECT MUST VERIFY OCCUPANCY, APPLICABLE RULES AND ACCESSIBILITY; NO APPROVAL IS REPRESENTED.

② LEVEL L1 SOURCE ACCESS STUDY

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. DOORS (15 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
2. WINDOWS L, T: SPECIFIED IN SECTION 08 54 13.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

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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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

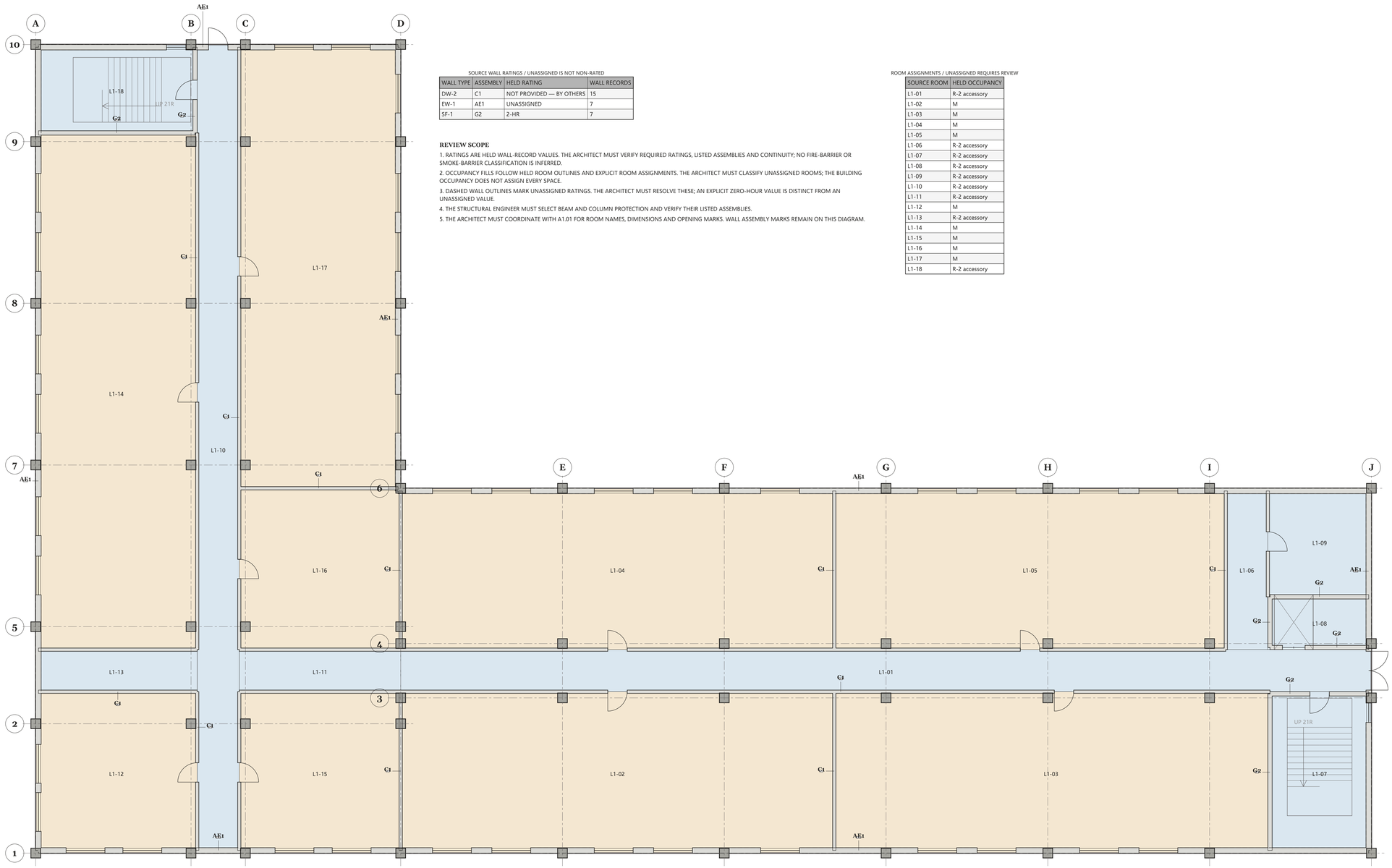
OPEN ISSUE

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

LEVEL L1 ACCESS STUDY

SHEET

G0.04



SOURCE WALL RATINGS / UNASSIGNED IS NOT NON-RATED

WALL TYPE	ASSEMBLY	HELD RATING	WALL RECORDS
DW-2	C1	NOT PROVIDED — BY OTHERS	15
EW-1	AE1	UNASSIGNED	7
SF-1	G2	2-HR	7

REVIEW SCOPE

1. RATINGS ARE HELD WALL-RECORD VALUES. THE ARCHITECT MUST VERIFY REQUIRED RATINGS, LISTED ASSEMBLIES AND CONTINUITY; NO FIRE-BARRIER OR SMOKE-BARRIER CLASSIFICATION IS INFERRED.
2. OCCUPANCY FILLS FOLLOW HELD ROOM OUTLINES AND EXPLICIT ROOM ASSIGNMENTS. THE ARCHITECT MUST CLASSIFY UNASSIGNED ROOMS; THE BUILDING OCCUPANCY DOES NOT ASSIGN EVERY SPACE.
3. DASHED WALL OUTLINES MARK UNASSIGNED RATINGS. THE ARCHITECT MUST RESOLVE THESE; AN EXPLICIT ZERO-HOUR VALUE IS DISTINCT FROM AN UNASSIGNED VALUE.
4. THE STRUCTURAL ENGINEER MUST SELECT BEAM AND COLUMN PROTECTION AND VERIFY THEIR LISTED ASSEMBLIES.
5. THE ARCHITECT MUST COORDINATE WITH A1.01 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS. WALL ASSEMBLY MARKS REMAIN ON THIS DIAGRAM.

ROOM ASSIGNMENTS / UNASSIGNED REQUIRES REVIEW

SOURCE ROOM	HELD OCCUPANCY
L1-01	R-2 accessory
L1-02	M
L1-03	M
L1-04	M
L1-05	M
L1-06	R-2 accessory
L1-07	R-2 accessory
L1-08	R-2 accessory
L1-09	R-2 accessory
L1-10	R-2 accessory
L1-11	R-2 accessory
L1-12	M
L1-13	R-2 accessory
L1-14	M
L1-15	M
L1-16	M
L1-17	M
L1-18	R-2 accessory

3 LEVEL L1 / HELD WALL RATINGS AND ROOM OCCUPANCY

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. RATED ASSEMBLIES: SPECIFIED IN SECTION 09 21 00.
2. FIRESTOPPING AT RATED ASSEMBLIES: SPECIFIED IN SECTION 07 84 00.
3. ASSEMBLIES AE1, C1, G2: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.

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APPLICANT / OWNER

CONSULTANTS

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REVIEW

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

LEVEL L1 SOURCE WALL RATING REVIEW

SHEET

G0.05

EGRESS ANALYSIS SUMMARY

SECTION 1: OCCUPANT LOAD PER FLOOR (IBC 1004)

LEVEL	GROSS AREA (SF)	LOAD FACTOR (SF/OCC)	OCCUPANT LOAD
L2	15510	200	85
L3	15510	200	84
L4	15510	200	84
L1	15510	60 / 200	226
TOTAL			**479**

SECTION 2: EXIT CAPACITY (IBC 1005)

STAIR ID	CLEAR WIDTH (IN.)	CAPACITY FACTOR	EXIT CAPACITY (PERSONS)	REQUIRED (IN.)
core-A-stair-A	44	0.3 IN./OCC	147	44.0
core-B-stair-B	44	0.3 IN./OCC	147	44.0
EXIT STAIR CAPACITY (IBC 1005.3.1, 1005.5, 1011.2):			**PASS**	

SECTION 3: TRAVEL DISTANCE (IBC 1017)

UNIT ID	LEVEL	DISTANCE (FT)	IBC LIMIT (FT)	STATUS
L3-S01	L3	164	250	PASS
L4-S01	L4	164	250	PASS
L2-N06	L2	161	250	PASS
L2-S01	L2	159	250	PASS
L3-N06	L3	158	250	PASS
WORST-CASE: 164' / 250' -- PASS (56 OF 64 UNITS MEASURED)				

PER IBC 2021: SECTION 1004 (OCCUPANT LOAD), SECTION 1005 (EXIT CAPACITY), SECTION 1017 (TRAVEL DISTANCE)

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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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.

EGRESS ANALYSIS SUMMARY

SHEET

G0.06

ABBREVIATIONS

AB	ANCHOR BOLT
ACT	ACOUSTICAL TILE
AD	AREA DRAIN
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
AHJ	AUTHORITY HAVING JURISDICTION
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
BB	BOND BEAM
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BUR	BUILT-UP ROOF
CAB	CABINET
CB	CATCH BASIN
C/C	CENTER-TO-CENTER
CG	CORNER GUARD
CI	CAST IRON
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR(ANCE)
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
CP	CONCRETE PIPE
CTR	CENTER
DBL	DOUBLE
DEMO	DEMOLITION
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DR	DOOR
DS	DOWN SPOUT
DTL	DETAIL
DWG	DRAWING
EA	EACH
EIFS	EXT. INSULATION FINISH SYS.
ELEC	ELECTRICAL
ELEV	ELEVATION
ENCL	ENCLOSURE
ENG	ENGINEER
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXTG	EXISTING
EXP.JT	EXPANSION JOINT
FA	FIRE ALARM
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FHC	FIRE HOSE CABINET
FIN	FINISH(ED)
FLR	FLOOR
FLUOR	FLUORESCENT
FND	FOUNDATION
FO	FACE OF
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FRET	FIRE RETARDANT (TREATED)
FRAT	FIRE RATED
FSD	FIRE SEPARATION DISTANCE
FT	FOOT
FTG	FOOTING
FX	FIRE EXTINGUISHER
GA	GAGE, GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GCB	GYPSUM CEILING BOARD
GP	GYPSUM PLASTER
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HB	HOSE BIB
HC	HOLLOW CORE
HD	HEAVY DUTY
HDWR	HARDWARE
HDWD	HARDWOOD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HT	HEIGHT
HVAC	HEATING/VENTING/AIR COND.
HW	HOT WATER
IBC	INTL. BUILDING CODE
ID	INSIDE DIAMETER
IN	INCH
INSUL	INSULATION
INT	INTERIOR
INV	INVERT ELEVATION
JAN	JANITOR
JST	JOIST
JT	JOINT
KD	KNOCK DOWN
KIT	KITCHEN
KO	KNOCK OUT
KP	KICK PLATE
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LF	LINEAL FEET
LH	LEFT HAND
LP	LOW POINT
LVR	LOUVER
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MDF	MAIN DISTRIBUTION FRAME
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODULAR
MR	MOISTURE RESISTANT
MTL	METAL
NIC	NOT IN CONTRACT
NRC	NOISE REDUCTION COEFF.
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER(S)
OD	OUTSIDE DIAMETER
OFCI	OWNER FURN., CONTR. INST.
OH	OVERHEAD
OPG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
PB	PARTICLE BOARD
PC	PRECAST CONCRETE
PERF	PERFORATED
PERIM	PERIMETER
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLF	POUNDS/LINEAL FOOT
PR	PAIR
PSF	POUNDS/SQUARE FOOT
PSI	POUNDS/SQUARE INCH
PTD	PAPER TOWEL DISPENSER
PVC	POLYVINYL CHLORIDE
PWD	PLYWOOD
QT	QUARRY TILE
QTY	QUANTITY
R	RISERS
RA	RETURN AIR
RAD	RADIUS
RC	RESILIENT CHANNEL
RD	ROOF DRAIN
REF	REFERENCE
REFRIG	REFRIGERATOR
REINF	REINFORCE(D)
REQ'D	REQUIRED
RES	RESILIENT
REV	REVISION(S)
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT-OF-WAY
SBC	STANDARD BUILDING CODE
SC	SOLID CORE
SCH	SCHEDULE
SD	STORM DRAIN
SEC	SECTION
SF	SQUARE FEET
SHT	SHEET
SHWR	SHOWER
SIM	SIMILAR
SMS	SHEET METAL SCREW
SND	SANITARY NAPKIN DISPOSAL
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STL	STEEL
STD	STANDARD
STN	STAIN
STRUC	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
SW	SWITCH
SYM	SYMMETRIC(AL)
T	TREADS
T&G	TONGUE & GROOVE
TB	TACKBOARD
TC	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY
THK	THICK(NESS)
THRES	THRESHOLD
TMP	TOP OF MASONRY PARAPET
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOP	TOP OF PARAPET
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TV	TELEVISION
TYP	TYPICAL
UNF	UNFINISHED
UNO	UNLESS OTHERWISE NOTED
VB	VAPOR BARRIER
VCT	VINYL COMPOSITE TILE
VENT	VENTILATION
VERT	VERTICAL
VIF	VERIFY IN FIELD
VNR	VENEER
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	WIDE
W/	WITH
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WG	WIRE GLASS
WH	WALL HUNG
WM	WIRE MESH
W/O	WITHOUT
WP	WATERPROOFING
WR	WATER REPELLENT
WSCT	WAINSCOT
WT	WEIGHT
W/W	WALL-TO-WALL
WWF	WELDED WIRE FABRIC
YD	YARD

ARCHITECTURAL SYMBOLS

- SECTION / BUILDING SECTION MARKER
- DETAIL CALLOUT
- ELEVATION MARKER
- GRID LINE MARKER
- MATCHLINE MARKER
- REVISION CLOUD / NUMBER
- WALL TYPE CALLOUT
- DOOR DESIGNATION CALLOUT
- WINDOW DESIGNATION CALLOUT
- ROOM / SPACE TAG
- DIMENSION LINE
- CENTER LINE
- PROPERTY LINE
- RATED SHAFT ENCLOSURE
- EXIT LIGHT
- FIRE EXTINGUISHER CABINET
- CORNER GUARD

SHEET NOTES

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

SUITE AREA SUMMARY

TYPE	SF	Level	Level	Level	TOTAL
1BR	772	7	8	8	23
ST	531	9	7	7	23
BUILDING SERVICE					1
CORE	399				3
SPINE	975				5
TENANT SUITE	672				9
TOTAL					64

STATEMENT OF SPECIAL INSPECTIONS

SECTION (SYSTEM): ITEM -- FREQUENCY -- STATUS

TABLE 1705.3 ITEM 1 (CAST IN PLACE CONCRETE): REINFORCEMENT AND PRESTRESSING TENDON PLACEMENT -- PERIODIC -- REQUIRED
TABLE 1705.3 ITEM 2 (CAST IN PLACE CONCRETE): REINFORCING BAR WELDING -- PERIODIC -- NOT PROVIDED — BY OTHERS
TABLE 1705.3 ITEM 3 (CAST IN PLACE CONCRETE): ANCHORS CAST IN CONCRETE -- PERIODIC -- REQUIRED
TABLE 1705.3 ITEM 4 (CAST IN PLACE CONCRETE): ANCHORS POST-INSTALLED IN HARDENED CONCRETE -- PERIODIC -- NOT PROVIDED — BY OTHERS
TABLE 1705.3 ITEM 5 (CAST IN PLACE CONCRETE): REQUIRED DESIGN MIX -- PERIODIC -- REQUIRED
TABLE 1705.3 ITEM 6 (CAST IN PLACE CONCRETE): STRENGTH SPECIMENS, SLUMP, AIR AND TEMPERATURE -- CONTINUOUS -- REQUIRED
TABLE 1705.3 ITEM 7 (CAST IN PLACE CONCRETE): CONCRETE PLACEMENT -- CONTINUOUS -- REQUIRED
TABLE 1705.3 ITEM 8 (CAST IN PLACE CONCRETE): CURING TEMPERATURE AND TECHNIQUES -- PERIODIC -- REQUIRED
TABLE 1705.3 ITEM 13 (CAST IN PLACE CONCRETE): IN-SITU STRENGTH BEFORE STRESSING AND BEFORE REMOVING SHORES AND FORMS -- PERIODIC -- REQUIRED
TABLE 1705.3 ITEM 14 (CAST IN PLACE CONCRETE): FORMWORK SHAPE, LOCATION AND DIMENSIONS -- PERIODIC -- REQUIRED
TABLE 1705.3 ITEM 9A (POST TENSIONED CONCRETE): APPLICATION OF PRESTRESSING FORCES -- CONTINUOUS -- REQUIRED
TABLE 1705.3 ITEM 9B (POST TENSIONED CONCRETE): GROUTING OF BONDED PRESTRESSING TENDONS -- CONTINUOUS -- NOT PROVIDED — BY OTHERS
TABLE 1705.6 ITEM 1 (SHALLOW FOUNDATIONS): MATERIALS BELOW SHALLOW FOUNDATIONS -- PERIODIC -- REQUIRED
TABLE 1705.6 ITEM 2 (SHALLOW FOUNDATIONS): EXCAVATION DEPTH AND MATERIAL -- PERIODIC -- REQUIRED
TABLE 1705.6 ITEM 3 (SHALLOW FOUNDATIONS): COMPACTED FILL CLASSIFICATION AND TESTING -- PERIODIC -- NOT PROVIDED — BY OTHERS
TABLE 1705.6 ITEM 4 (SHALLOW FOUNDATIONS): FILL PLACEMENT, DENSITIES AND LIFTS -- CONTINUOUS -- NOT PROVIDED — BY OTHERS
TABLE 1705.6 ITEM 5 (SHALLOW FOUNDATIONS): SUBGRADE BEFORE FILL -- PERIODIC -- NOT PROVIDED — BY OTHERS
1704.2.5 (PREFABRICATED FLOOR TRUSSES): FABRICATION OF FLOOR TRUSSES FT-1 -- DURING FABRICATION -- REQUIRED
1705.5.2 (PREFABRICATED FLOOR TRUSSES): TRUSS RESTRAINT AND BRACING, FT-1 -- PER SECTION -- NOT REQUIRED
1704.2.5 (PREFABRICATED FLOOR TRUSSES): FABRICATION OF FLOOR TRUSSES FT-2 -- DURING FABRICATION -- REQUIRED
1705.5.2 (PREFABRICATED FLOOR TRUSSES): TRUSS RESTRAINT AND BRACING, FT-2 -- PER SECTION -- NOT REQUIRED
1705.5.1 (WOOD LIGHT FRAME SFRS): HIGH-LOAD DIAPHRAGMS -- PER 1704.2 -- NOT REQUIRED
1705.13.2 (WOOD LIGHT FRAME SFRS): SEISMIC FASTENING OF WS-1 (8D @ 6/12) -- PERIODIC -- NOT REQUIRED
1705.13.2 (WOOD LIGHT FRAME SFRS): SEISMIC FASTENING OF WS-2 (8D @ 4/12) -- PERIODIC -- REQUIRED
1705.13.2 (WOOD LIGHT FRAME SFRS): SEISMIC FASTENING OF WS-3 (8D @ 3/12) -- PERIODIC -- REQUIRED
1705.12 (WOOD LIGHT FRAME SFRS): WIND-RESISTANCE FASTENING, ROOF AND WALL COVERING -- PERIODIC -- NOT PROVIDED — BY OTHERS
1705.13.6 (EMERGENCY STANDBY POWER): ANCHORAGE OF EMERGENCY AND STANDBY POWER EQUIPMENT -- PERIODIC -- NOT PROVIDED — BY OTHERS
1705.13.6 (AUTOMATIC SPRINKLER): EQUIPMENT CLEARANCES TO SPRINKLER DROPS AND SPRIGS -- PERIODIC -- REQUIRED
1705.13.6 (ELECTRICAL EQUIPMENT): ANCHORAGE OF OTHER ELECTRICAL EQUIPMENT -- PERIODIC -- NOT REQUIRED
1705.13.5 (NONSTRUCTURAL COMPONENTS): EXTERIOR CLADDING, NONBEARING WALLS AND VENEER -- PERIODIC -- NOT PROVIDED — BY OTHERS
1705.13.4 (NONSTRUCTURAL COMPONENTS): DESIGNATED SEISMIC SYSTEMS -- EXAMINE LABEL, ANCHORAGE AND MOUNTING -- NOT PROVIDED — BY OTHERS
1705.18 (FIRE RESISTANCE RATED ASSEMBLIES): THROUGH-PENETRATION FIRESTOPS AND FIRE-RESISTANT JOINTS -- PER SECTION -- REQUIRED

NOTES: SPECIAL INSPECTORS SHALL BE APPROVED BY THE AHJ PRIOR TO SPECIAL INSPECTION. S0.1 CARRIES THE SAME STATEMENT WITH THE DESIGN DATA.

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.

ABBREVIATIONS, SYMBOLS & GENERAL INFORMATION

SHEET

G0.07

REGIME: COMMERCIAL (IECC 2021 C202; IECC 2021 (reference)) NRG-REG-001
CLIMATE ZONE NOT PROVIDED — BY OTHERS (NO COUNTY ON THE IBG; TABLE C301.1) NRG-CZ-001
WINDOW-TO-WALL RATIO: 27.2% OF 19,784 SF GROSS ABOVE-GRADE WALL; LIMIT 30% NRG-WWR-001
COMPLIANCE PATH: C401.2.1 Item 1, Prescriptive (C402 through C406 and C408) NRG-PTH-001
ADDITIONAL EFFICIENCY CREDITS: 10 REQUIRED (C406.1); CHOSEN: NOT PROVIDED — BY OTHERS NRG-CRD-001
COMMISSIONING: REQUIRED (C408.2); THE PLAN IS SECTION 01 91 13 NRG-CX-001

ENVELOPE COMPLIANCE

ENVELOPE ROW	ELEMENTS	CODE ROW	TARGET	MODEL SHOWS	STATUS	RECORD
EXTERIOR WALL AE1, GROUP R	EW-1 (21)	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NRG-ENV-001
ROOF (FLAT PARAPET), GROUP R	FLAT PARAPET (2)	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NRG-ENV-002
VERTICAL FENESTRATION, FIXED	WINDOW A, WINDOW B, WINDOW C, WINDOW D, WINDOW E, WINDOW F, WINDOW G, WINDOW H, WINDOW M, WINDOW N, WINDOW O, WINDOW P, WINDOW Q, WINDOW R, WINDOW S (17)	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NRG-ENV-003
VERTICAL FENESTRATION, OPERABLE	WINDOW I, WINDOW J, WINDOW K, WINDOW L (18)	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NRG-ENV-004

NRG-ENV-001 EXTERIOR WALL AE1, GROUP R: NOT PROVIDED — BY OTHERS, NO CLIMATE ZONE (NRG-CZ), SO NO TABLE COLUMN.
NRG-ENV-002 ROOF (FLAT PARAPET), GROUP R: NOT PROVIDED — BY OTHERS, NO CLIMATE ZONE (NRG-CZ), SO NO TABLE COLUMN.
NRG-ENV-003 VERTICAL FENESTRATION, FIXED: NOT PROVIDED — BY OTHERS, NO CLIMATE ZONE (NRG-CZ), SO NO TABLE COLUMN.
NRG-ENV-004 VERTICAL FENESTRATION, OPERABLE: NOT PROVIDED — BY OTHERS, NO CLIMATE ZONE (NRG-CZ), SO NO TABLE COLUMN.

1 ENERGY COMPLIANCE
SCALE: NTS

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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
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PROJECT

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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.

ENERGY COMPLIANCE

SHEET
G0.08

GENERAL CONSTRUCTION NOTES

1. ARCHITECT: CONFIRM THE ADOPTED BUILDING CODE EDITION AND APPLICABLE LOCAL AMENDMENTS WITH THE AUTHORITY HAVING JURISDICTION BEFORE PERMIT SUBMITTAL.

2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.

3. CONTRACTOR: DO NOT SCALE DRAWINGS. REQUEST MISSING DIMENSIONS.

4. CONTRACTOR: MATERIALS AND WORKMANSHIP SHALL MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND APPLICABLE CODES.

5. INSTALLER: PROVIDE FIRE-STOPPING AT PENETRATIONS THROUGH RATED ASSEMBLIES IN ACCORDANCE WITH UL SYSTEM DESIGN.

6. ALL EXTERIOR WALL ASSEMBLIES SHALL COMPLY WITH NFPA 285 TESTING REQUIREMENTS WHERE COMBUSTIBLE MATERIALS ARE USED.

7. PROVIDE CONTINUOUS AIR BARRIER SYSTEM AT ALL EXTERIOR WALL, ROOF, AND BELOW-GRADE WALL ASSEMBLIES PER ASHRAE 90.1.

8. ALL STRUCTURAL CONNECTIONS SHALL BE DESIGNED AND DETAILED BY THE STRUCTURAL ENGINEER OF RECORD.

9. PROVIDE ADA-COMPLIANT SIGNAGE AT ALL BUILDING ENTRIES, EXITS, RESTROOMS, AND ACCESSIBLE ROUTES PER ICC A117.1.

10. SMOKE AND CARBON MONOXIDE DETECTORS SHALL BE PROVIDED IN ALL DWELLING UNITS PER NFPA 72 AND LOCAL REQUIREMENTS.

11. ALL GLAZING IN HAZARDOUS LOCATIONS SHALL BE SAFETY GLAZING IN ACCORDANCE WITH IBC SECTION 2406 AND CPSC 16 CFR 1201.

12. PROVIDE WEATHER RESISTIVE BARRIER (WRB) BEHIND ALL EXTERIOR CLADDING SYSTEMS, LAPPED SHINGLE-FASHION PER MANUFACTURER.

13. ROOF DRAINAGE: PROVIDE PRIMARY AND SECONDARY (OVERFLOW) ROOF DRAINS. SIZE PER IPC TABLE 1106.2.

FIRE PROTECTION AND ACCESS

1. FIRE SPRINKLER SYSTEM THROUGHOUT PER NFPA 13 (FP-006). REFER TO FIRE PROTECTION DRAWINGS FOR LAYOUT.

2. MAINTAIN MINIMUM 3'-0" CLEAR WIDTH AT ALL ACCESSIBLE ROUTES AND 5'-0" TURNING DIAMETER AT ACCESSIBLE RESTROOMS.

CONSTRUCTION TYPE & STRUCTURAL SYSTEM

CONSTRUCTION TYPE: TYPE V-A (WOOD-FRAME OVER CONCRETE PODIUM)
OR TYPE III-A PER IBC CHAPTER 6
STRUCTURAL SYSTEM: LIGHT WOOD FRAME WITH ENGINEERED TRUSSES
OVER TYPE I-A CONCRETE PODIUM
SEISMIC DESIGN CAT: PER ASCE 7 SITE-SPECIFIC ANALYSIS
WIND SPEED: PER ASCE 7 ULTIMATE DESIGN (Vult)
SNOW LOAD: PER ASCE 7 SITE-SPECIFIC
FIRE RATING:
- FLOOR/CEILING: 1-HOUR FIRE-RESISTIVE ASSEMBLY (UL L569)
- CORRIDOR WALLS: 1-HOUR FIRE-RESISTIVE (UL U305)
- DEMISING WALLS: 1-HOUR FIRE-RESISTIVE / STC 50 (UL U309)
- EXTERIOR WALLS: 1-HOUR FIRE-RESISTIVE (NFPA 285 COMPLIANT)
- STAIR/ELEV SHAFT: 2-HOUR FIRE-RESISTIVE (UL U301)

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 00.
2. SUBMITTALS: SPECIFIED IN SECTION 01 33 00.
3. MATERIALS: SPECIFIED IN SECTIONS 03 30 00, 06 10 00, 07 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
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GEOTECHNICAL	NOT PROVIDED — BY OTHERS

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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

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Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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GENERAL CONSTRUCTION NOTES

SHEET

G0.09

MATERIAL SPECIFICATIONS

CONCRETE:
- FOOTINGS & FOUNDATIONS: f'c = 4,000 PSI, NORMAL WEIGHT
- PODIUM SLAB: f'c = 5,000 PSI, NORMAL WEIGHT
- TOPPING SLAB: f'c = 3,000 PSI, LIGHTWEIGHT

REINFORCING STEEL:
- DEFORMED BARS: ASTM A615, GRADE 60
- WELDED WIRE FABRIC: ASTM A1064

STRUCTURAL STEEL:
- WIDE FLANGE: ASTM A992, Fy = 50 KSI
- HSS / TUBE: ASTM A500 GRADE C
- ANGLES / CHANNELS: ASTM A36

WOOD FRAMING:
- STUDS: SPF #2 OR BETTER, KILN-DRIED
- ENGINEERED JOISTS: TJI / LVL PER STRUCTURAL DRAWINGS
- PLYWOOD SHEATHING: APA RATED, EXPOSURE 1
- TREATED SILL PLATES: CCA OR ACQ PRESSURE-TREATED

MASONRY:
- CMU: ASTM C90, f'm = 1,500 PSI
- MORTAR: TYPE S, ASTM C270

INSULATION:
- BATT: R-21 WALLS / R-38 CEILING (UNFACED)
- RIGID: POLYISO, R-6.5/INCH (CI)
- SPRAY FOAM: CLOSED-CELL, 2 LB DENSITY

REFERENCED STANDARDS & CODES

IBC 2021 International Building Code
IRC International Residential Code
EDITION NOT PROVIDED — BY OTHERS
IPC 2021 International Plumbing Code
IMC 2021 International Mechanical Code
IECC 2021 (reference) International Energy Conservation Code
IFC International Fire Code
EDITION NOT PROVIDED — BY OTHERS
NEC National Electrical Code (NFPA 70)
EDITION NOT PROVIDED — BY OTHERS
NFPA 13 Standard for Installation of Sprinkler Systems
NFPA 13R Sprinkler Systems in Low-Rise Residential Occupancies
NFPA 72 National Fire Alarm and Signaling Code
NFPA 285 Standard Fire Test Method for Exterior Walls
ASCE 7-16 Minimum Design Loads for Buildings
ACI 318-19 Building Code Requirements for Structural Concrete
ACI 301 Specifications for Structural Concrete
EDITION NOT PROVIDED — BY OTHERS
NDS 2018 National Design Specification for Wood Construction
AISC 360 Specification for Structural Steel Buildings
EDITION NOT PROVIDED — BY OTHERS
TMS 402 Building Code Requirements for Masonry Structures
EDITION NOT PROVIDED — BY OTHERS
ASHRAE 90.1 Energy Standard for Buildings
ICC A117.1 Accessible and Usable Buildings and Facilities
ASTM E119 Standard Test Methods for Fire Tests
UL 263 Fire Tests of Building Construction and Materials
ADA Americans with Disabilities Act Standards
OSHA 29 CFR Occupational Safety and Health Standards

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 00.
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APPLICANT / OWNER

CONSULTANTS

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OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

MARK	DATE	DESCRIPTION

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

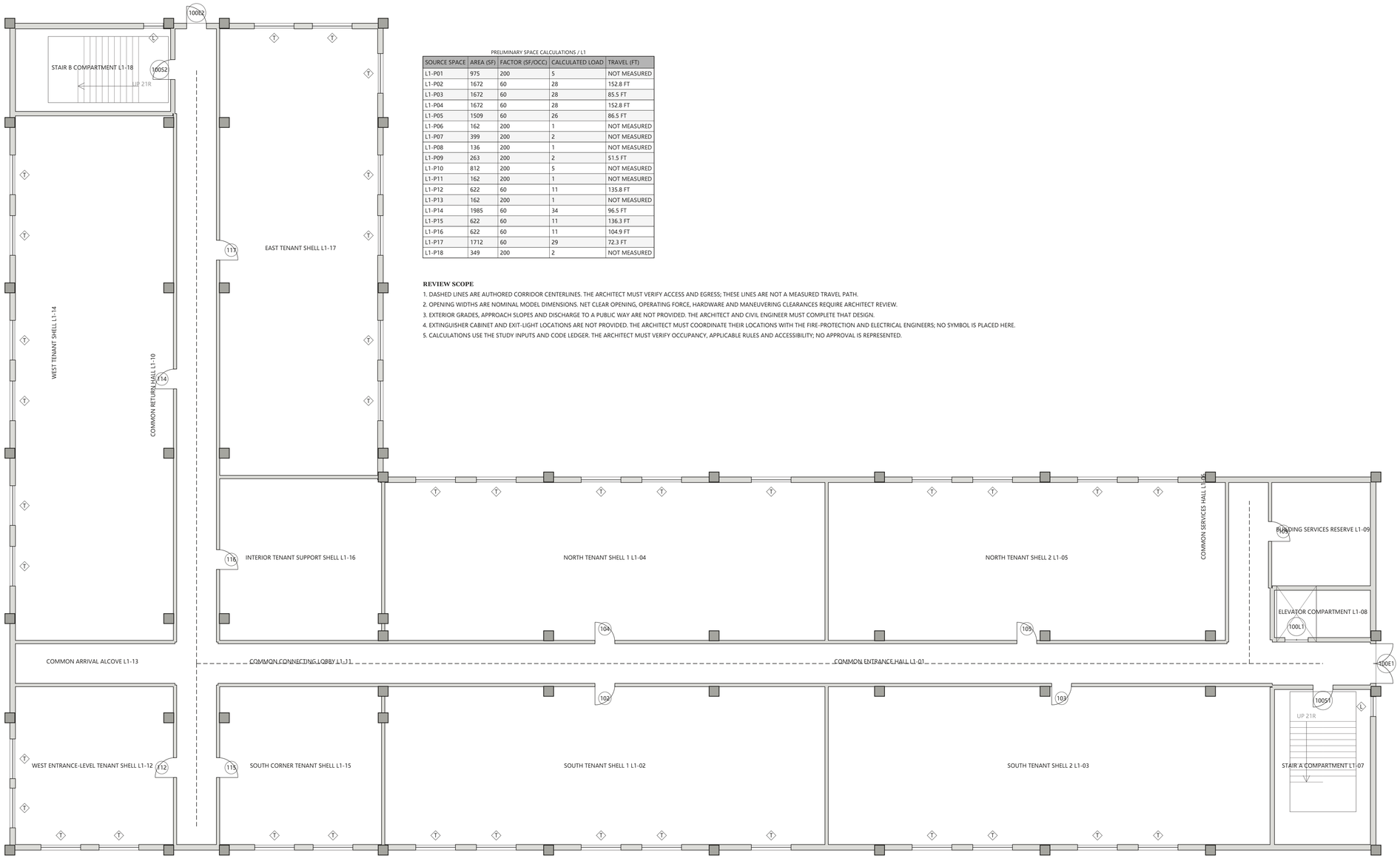
OPEN ISSUE

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

MATERIAL SPECIFICATIONS & REFERENCED STANDARDS

SHEET

G0.10



PRELIMINARY SPACE CALCULATIONS / L1

SOURCE SPACE	AREA (SF)	FACTOR (SF/OCC)	CALCULATED LOAD	TRAVEL (FT)
L1-P01	975	200	5	NOT MEASURED
L1-P02	1672	60	28	152.8 FT
L1-P03	1672	60	28	85.5 FT
L1-P04	1672	60	28	152.8 FT
L1-P05	1509	60	26	86.5 FT
L1-P06	162	200	1	NOT MEASURED
L1-P07	399	200	2	NOT MEASURED
L1-P08	136	200	1	NOT MEASURED
L1-P09	263	200	2	51.5 FT
L1-P10	812	200	5	NOT MEASURED
L1-P11	162	200	1	NOT MEASURED
L1-P12	622	60	11	135.8 FT
L1-P13	162	200	1	NOT MEASURED
L1-P14	1985	60	34	96.5 FT
L1-P15	622	60	11	136.3 FT
L1-P16	622	60	11	104.9 FT
L1-P17	1712	60	29	72.3 FT
L1-P18	349	200	2	NOT MEASURED

REVIEW SCOPE

1. DASHED LINES ARE AUTHORED CORRIDOR CENTERLINES. THE ARCHITECT MUST VERIFY ACCESS AND EGRESS; THESE LINES ARE NOT A MEASURED TRAVEL PATH.
2. OPENING WIDTHS ARE NOMINAL MODEL DIMENSIONS. NET CLEAR OPENING, OPERATING FORCE, HARDWARE AND MANEUVERING CLEARANCES REQUIRE ARCHITECT REVIEW.
3. EXTERIOR GRADES, APPROACH SLOPES AND DISCHARGE TO A PUBLIC WAY ARE NOT PROVIDED. THE ARCHITECT AND CIVIL ENGINEER MUST COMPLETE THAT DESIGN.
4. EXTINGUISHER CABINET AND EXIT-LIGHT LOCATIONS ARE NOT PROVIDED. THE ARCHITECT MUST COORDINATE THEIR LOCATIONS WITH THE FIRE-PROTECTION AND ELECTRICAL ENGINEERS; NO SYMBOL IS PLACED HERE.
5. CALCULATIONS USE THE STUDY INPUTS AND CODE LEDGER. THE ARCHITECT MUST VERIFY OCCUPANCY, APPLICABLE RULES AND ACCESSIBILITY; NO APPROVAL IS REPRESENTED.

2 LEVEL L1 PRELIMINARY OCCUPANCY AND EGRESS

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

PRELIMINARY EGRESS CALCULATIONS / L1

EXIT IDENTIFICATION	MAX. OCC. LOAD	CAPACITY
EXIT STAIR DOOR core-A	226	147
EXIT STAIR DOOR core-B	226	147
~~TOTALS PROVIDED: 293~~		

CODE REQUIRED EGRESS WIDTH: 45.2" (226 OCC. x 0.2")

CODE REQUIRED # OF EXITS: 2

MAX. FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	AREA IN SQ. FT.
INSTITUTIONAL AREA — SLEEPING	NOT PROVIDED — BY OTHERS
RESIDENTIAL	200 GROSS
ASSEMBLY W/O FIXED SEATS — CONCENTRATED	7 NET
ASSEMBLY W/O FIXED SEATS — STANDING	5 NET
ASSEMBLY — UNCONCENTRATED (TABLES & CHAIRS)	15 NET
BUSINESS AREAS	150 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
LIBRARY — READING ROOMS	NOT PROVIDED — BY OTHERS
LIBRARY — STACK AREA	NOT PROVIDED — BY OTHERS
ACCESSORY STORAGE, MECH. EQUIP.	300 GROSS

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. DOORS (15 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
2. WINDOWS L, T: SPECIFIED IN SECTION 08 54 13.

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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

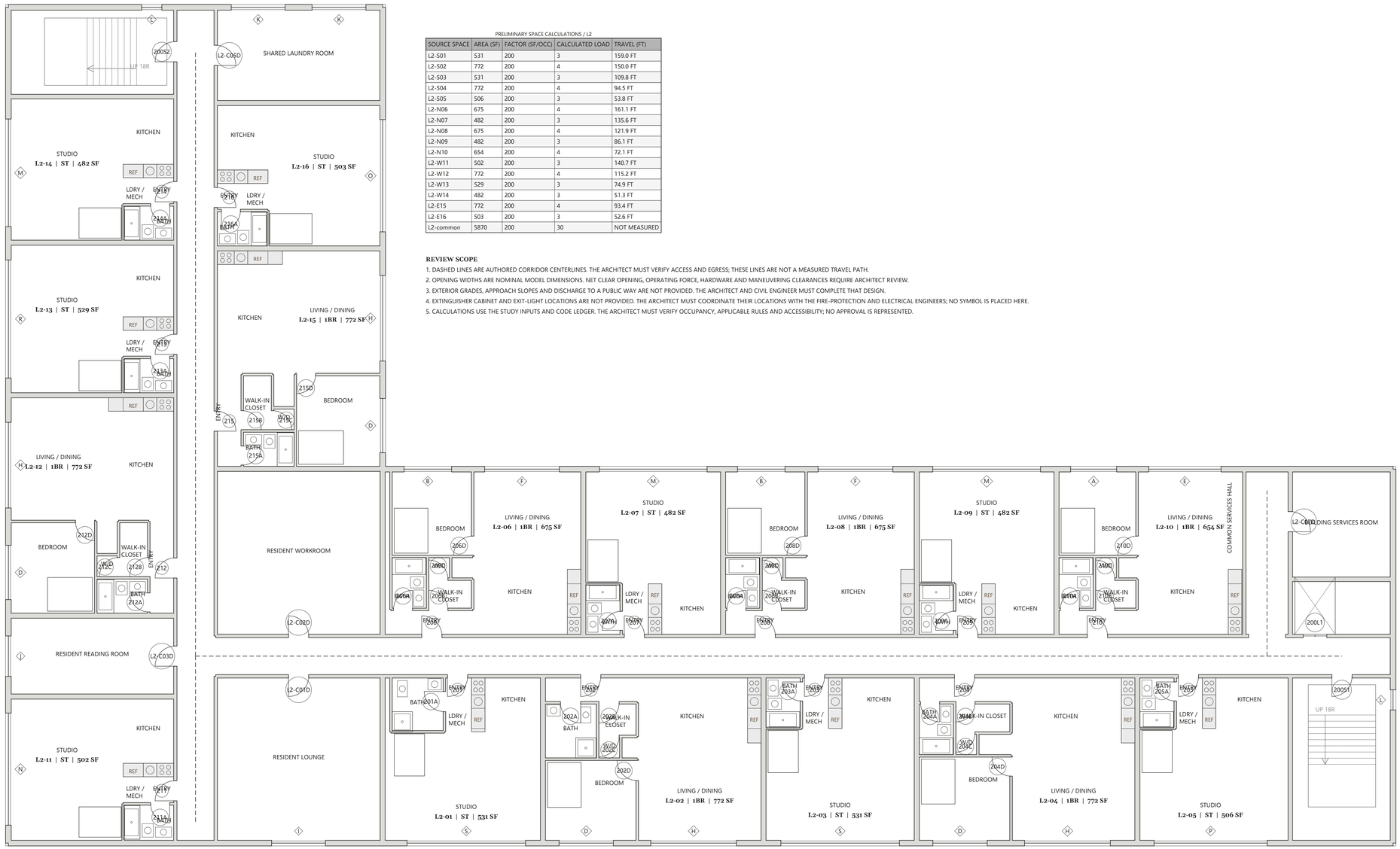
OPEN ISSUE

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

LEVEL L1 PRELIMINARY OCCUPANCY AND EGRESS

SHEET

G0.11



PRELIMINARY SPACE CALCULATIONS / L2

SOURCE SPACE	AREA (SF)	FACTOR (SF/OCC)	CALCULATED LOAD	TRAVEL (FT)
L2-S01	531	200	3	159.0 FT
L2-S02	772	200	4	150.0 FT
L2-S03	531	200	3	109.8 FT
L2-S04	772	200	4	94.5 FT
L2-S05	506	200	3	53.8 FT
L2-N06	675	200	4	161.1 FT
L2-N07	482	200	3	135.6 FT
L2-N08	675	200	4	121.9 FT
L2-N09	482	200	3	86.1 FT
L2-N10	654	200	4	72.1 FT
L2-W11	502	200	3	140.7 FT
L2-W12	772	200	4	115.2 FT
L2-W13	529	200	3	74.9 FT
L2-W14	482	200	3	51.3 FT
L2-E15	772	200	4	93.4 FT
L2-E16	503	200	3	52.6 FT
L2-common	5870	200	30	NOT MEASURED

REVIEW SCOPE

1. DASHED LINES ARE AUTHORED CORRIDOR CENTERLINES. THE ARCHITECT MUST VERIFY ACCESS AND EGRESS; THESE LINES ARE NOT A MEASURED TRAVEL PATH.
2. OPENING WIDTHS ARE NOMINAL MODEL DIMENSIONS. NET CLEAR OPENING, OPERATING FORCE, HARDWARE AND MANEUVERING CLEARANCES REQUIRE ARCHITECT REVIEW.
3. EXTERIOR GRADES, APPROACH SLOPES AND DISCHARGE TO A PUBLIC WAY ARE NOT PROVIDED. THE ARCHITECT AND CIVIL ENGINEER MUST COMPLETE THAT DESIGN.
4. EXTINGUISHER CABINET AND EXIT-LIGHT LOCATIONS ARE NOT PROVIDED. THE ARCHITECT MUST COORDINATE THEIR LOCATIONS WITH THE FIRE-PROTECTION AND ELECTRICAL ENGINEERS; NO SYMBOL IS PLACED HERE.
5. CALCULATIONS USE THE STUDY INPUTS AND CODE LEDGER. THE ARCHITECT MUST VERIFY OCCUPANCY, APPLICABLE RULES AND ACCESSIBILITY; NO APPROVAL IS REPRESENTED.

2 LEVEL L2 PRELIMINARY OCCUPANCY AND EGRESS

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

PRELIMINARY EGRESS CALCULATIONS / L2

EXIT IDENTIFICATION	MAX. OCC. LOAD	CAPACITY
EXIT STAIR DOOR core-A	85	147
EXIT STAIR DOOR core-B	85	147
~~TOTALS PROVIDED: 293~~		

CODE REQUIRED EGRESS WIDTH: 17.0" (85 OCC. x 0.2")

CODE REQUIRED # OF EXITS: 2

MAX. FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	AREA IN SQ. FT.
INSTITUTIONAL AREA — SLEEPING	NOT PROVIDED — BY OTHERS
RESIDENTIAL	200 GROSS
ASSEMBLY W/O FIXED SEATS — CONCENTRATED	7 NET
ASSEMBLY W/O FIXED SEATS — STANDING	5 NET
ASSEMBLY — UNCONCENTRATED (TABLES & CHAIRS)	15 NET
BUSINESS AREAS	150 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
LIBRARY — READING ROOMS	NOT PROVIDED — BY OTHERS
LIBRARY — STACK AREA	NOT PROVIDED — BY OTHERS
ACCESSORY STORAGE, MECH. EQUIP.	300 GROSS

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. DOORS (61 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
2. WINDOWS A, B, D, E, F, H AND 10 MORE: SPECIFIED IN SECTION 08 54 13.

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
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FIRE PROTECTION	NOT PROVIDED — BY OTHERS
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REVISIONS

MARK	DATE	DESCRIPTION

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Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	1/8"
Phase	CONSTRUCTION DOCUMENTS

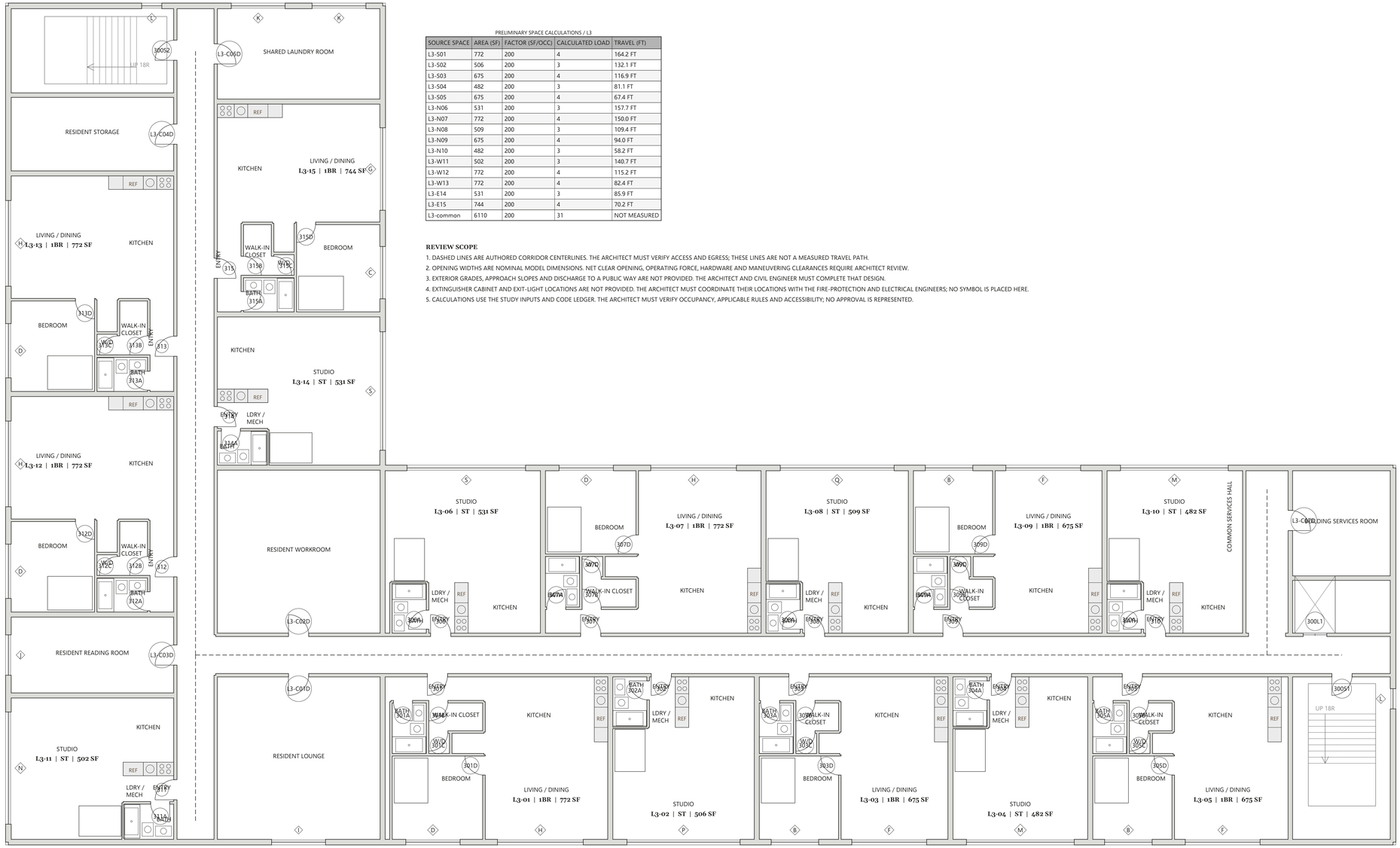
OPEN ISSUE

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

LEVEL L2 PRELIMINARY OCCUPANCY AND EGRESS

SHEET

G0.12



PRELIMINARY SPACE CALCULATIONS / L3

SOURCE SPACE	AREA (SF)	FACTOR (SF/OCC)	CALCULATED LOAD	TRAVEL (FT)
L3-S01	772	200	4	164.2 FT
L3-S02	506	200	3	132.1 FT
L3-S03	675	200	4	116.9 FT
L3-S04	482	200	3	81.1 FT
L3-S05	675	200	4	67.4 FT
L3-N06	531	200	3	157.7 FT
L3-N07	772	200	4	150.0 FT
L3-N08	509	200	3	109.4 FT
L3-N09	675	200	4	94.0 FT
L3-N10	482	200	3	58.2 FT
L3-W11	502	200	3	140.7 FT
L3-W12	772	200	4	115.2 FT
L3-W13	772	200	4	82.4 FT
L3-E14	531	200	3	85.9 FT
L3-E15	744	200	4	70.2 FT
L3-common	6110	200	31	NOT MEASURED

REVIEW SCOPE

1. DASHED LINES ARE AUTHORED CORRIDOR CENTERLINES. THE ARCHITECT MUST VERIFY ACCESS AND EGRESS; THESE LINES ARE NOT A MEASURED TRAVEL PATH.
2. OPENING WIDTHS ARE NOMINAL MODEL DIMENSIONS. NET CLEAR OPENING, OPERATING FORCE, HARDWARE AND MANEUVERING CLEARANCES REQUIRE ARCHITECT REVIEW.
3. EXTERIOR GRADES, APPROACH SLOPES AND DISCHARGE TO A PUBLIC WAY ARE NOT PROVIDED. THE ARCHITECT AND CIVIL ENGINEER MUST COMPLETE THAT DESIGN.
4. EXTINGUISHER CABINET AND EXIT-LIGHT LOCATIONS ARE NOT PROVIDED. THE ARCHITECT MUST COORDINATE THEIR LOCATIONS WITH THE FIRE-PROTECTION AND ELECTRICAL ENGINEERS; NO SYMBOL IS PLACED HERE.
5. CALCULATIONS USE THE STUDY INPUTS AND CODE LEDGER. THE ARCHITECT MUST VERIFY OCCUPANCY, APPLICABLE RULES AND ACCESSIBILITY; NO APPROVAL IS REPRESENTED.

2 LEVEL L3 PRELIMINARY OCCUPANCY AND EGRESS

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

PRELIMINARY EGRESS CALCULATIONS / L3

EXIT IDENTIFICATION	MAX. OCC. LOAD	CAPACITY
EXIT STAIR DOOR core-A	84	147
EXIT STAIR DOOR core-B	84	147
~~TOTALS PROVIDED: 293~~		

CODE REQUIRED EGRESS WIDTH: 16.8" (84 OCC. x 0.2")

CODE REQUIRED # OF EXITS: 2

MAX. FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	AREA IN SQ. FT.
INSTITUTIONAL AREA — SLEEPING	NOT PROVIDED — BY OTHERS
RESIDENTIAL	200 GROSS
ASSEMBLY W/O FIXED SEATS — CONCENTRATED	7 NET
ASSEMBLY W/O FIXED SEATS — STANDING	5 NET
ASSEMBLY — UNCONCENTRATED (TABLES & CHAIRS)	15 NET
BUSINESS AREAS	150 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
LIBRARY — READING ROOMS	NOT PROVIDED — BY OTHERS
LIBRARY — STACK AREA	NOT PROVIDED — BY OTHERS
ACCESSORY STORAGE, MECH. EQUIP.	300 GROSS

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. DOORS (63 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
2. WINDOWS B, C, D, F, G, H AND 9 MORE: SPECIFIED IN SECTION 08 54 13.

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	1/8"
Phase	CONSTRUCTION DOCUMENTS

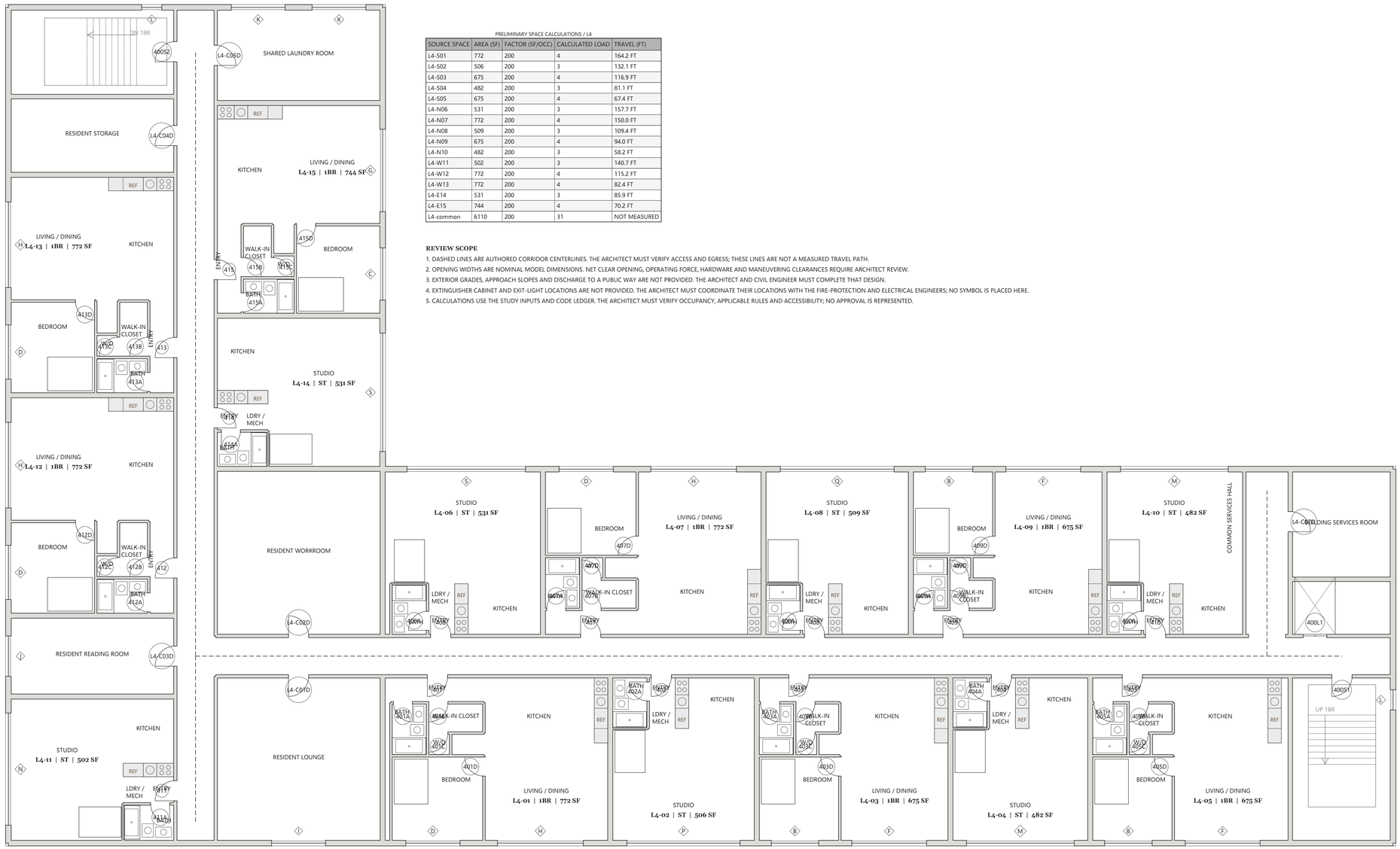
OPEN ISSUE

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

LEVEL L3 PRELIMINARY OCCUPANCY AND EGRESS

SHEET

G0.13



PRELIMINARY SPACE CALCULATIONS / L4

SOURCE SPACE	AREA (SF)	FACTOR (SF/OCC)	CALCULATED LOAD	TRAVEL (FT)
L4-S01	772	200	4	164.2 FT
L4-S02	506	200	3	132.1 FT
L4-S03	675	200	4	116.9 FT
L4-S04	482	200	3	81.1 FT
L4-S05	675	200	4	67.4 FT
L4-N06	531	200	3	157.7 FT
L4-N07	772	200	4	150.0 FT
L4-N08	509	200	3	109.4 FT
L4-N09	675	200	4	94.0 FT
L4-N10	482	200	3	58.2 FT
L4-W11	502	200	3	140.7 FT
L4-W12	772	200	4	115.2 FT
L4-W13	772	200	4	82.4 FT
L4-E14	531	200	3	85.9 FT
L4-E15	744	200	4	70.2 FT
L4-common	6110	200	31	NOT MEASURED

REVIEW SCOPE

1. DASHED LINES ARE AUTHORED CORRIDOR CENTERLINES. THE ARCHITECT MUST VERIFY ACCESS AND EGRESS; THESE LINES ARE NOT A MEASURED TRAVEL PATH.
2. OPENING WIDTHS ARE NOMINAL MODEL DIMENSIONS. NET CLEAR OPENING, OPERATING FORCE, HARDWARE AND MANEUVERING CLEARANCES REQUIRE ARCHITECT REVIEW.
3. EXTERIOR GRADES, APPROACH SLOPES AND DISCHARGE TO A PUBLIC WAY ARE NOT PROVIDED. THE ARCHITECT AND CIVIL ENGINEER MUST COMPLETE THAT DESIGN.
4. EXTINGUISHER CABINET AND EXIT-LIGHT LOCATIONS ARE NOT PROVIDED. THE ARCHITECT MUST COORDINATE THEIR LOCATIONS WITH THE FIRE-PROTECTION AND ELECTRICAL ENGINEERS; NO SYMBOL IS PLACED HERE.
5. CALCULATIONS USE THE STUDY INPUTS AND CODE LEDGER. THE ARCHITECT MUST VERIFY OCCUPANCY, APPLICABLE RULES AND ACCESSIBILITY; NO APPROVAL IS REPRESENTED.

2 LEVEL L4 PRELIMINARY OCCUPANCY AND EGRESS

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

PRELIMINARY EGRESS CALCULATIONS / L4

EXIT IDENTIFICATION	MAX. OCC. LOAD	CAPACITY
EXIT STAIR DOOR core-A	84	147
EXIT STAIR DOOR core-B	84	147
~~TOTALS PROVIDED: 293~~		

CODE REQUIRED EGRESS WIDTH: 16.8" (84 OCC. x 0.2")

CODE REQUIRED # OF EXITS: 2

MAX. FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	AREA IN SQ. FT.
INSTITUTIONAL AREA — SLEEPING	NOT PROVIDED — BY OTHERS
RESIDENTIAL	200 GROSS
ASSEMBLY W/O FIXED SEATS — CONCENTRATED	7 NET
ASSEMBLY W/O FIXED SEATS — STANDING	5 NET
ASSEMBLY — UNCONCENTRATED (TABLES & CHAIRS)	15 NET
BUSINESS AREAS	150 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
LIBRARY — READING ROOMS	NOT PROVIDED — BY OTHERS
LIBRARY — STACK AREA	NOT PROVIDED — BY OTHERS
ACCESSORY STORAGE, MECH. EQUIP.	300 GROSS

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. DOORS (63 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
2. WINDOWS B, C, D, F, G, H AND 9 MORE: SPECIFIED IN SECTION 08 54 13.

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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

LEVEL L4 PRELIMINARY OCCUPANCY AND EGRESS

SHEET

G0.14



REVIEW SCOPE

1. DASHED LINES ARE AUTHORED CORRIDOR CENTERLINES. THE ARCHITECT MUST VERIFY ACCESS AND EGRESS; THESE LINES ARE NOT A MEASURED TRAVEL PATH.
2. OPENING WIDTHS ARE NOMINAL MODEL DIMENSIONS. NET CLEAR OPENING, OPERATING FORCE, HARDWARE AND MANEUVERING CLEARANCES REQUIRE ARCHITECT REVIEW.
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1 LEVEL RF PRELIMINARY OCCUPANCY AND EGRESS

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

PRELIMINARY EGRESS CALCULATIONS / RF

EXIT IDENTIFICATION	MAX. OCC. LOAD	CAPACITY
EXIT STAIR DOOR core-A	NOT PROVIDED — BY OTHERS	147
~~TOTALS PROVIDED: 147~~		
CODE REQUIRED EGRESS WIDTH:	NOT PROVIDED — BY OTHERS	
CODE REQUIRED # OF EXITS:	NOT PROVIDED — BY OTHERS	

MAX. FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	AREA IN SQ. FT.
INSTITUTIONAL AREA — SLEEPING	NOT PROVIDED — BY OTHERS
RESIDENTIAL	200 GROSS
ASSEMBLY W/O FIXED SEATS — CONCENTRATED	7 NET
ASSEMBLY W/O FIXED SEATS — STANDING	5 NET
ASSEMBLY — UNCONCENTRATED (TABLES & CHAIRS)	15 NET
BUSINESS AREAS	150 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS, COMMERCIAL	200 GROSS
LIBRARY — READING ROOMS	NOT PROVIDED — BY OTHERS
LIBRARY — STACK AREA	NOT PROVIDED — BY OTHERS
ACCESSORY STORAGE, MECH. EQUIP.	300 GROSS

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. DOORS (1 TAGGED); SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
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PLUMBING	NOT PROVIDED — BY OTHERS
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FIRE PROTECTION	NOT PROVIDED — BY OTHERS
GEOTECHNICAL	NOT PROVIDED — BY OTHERS

REVIEW

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

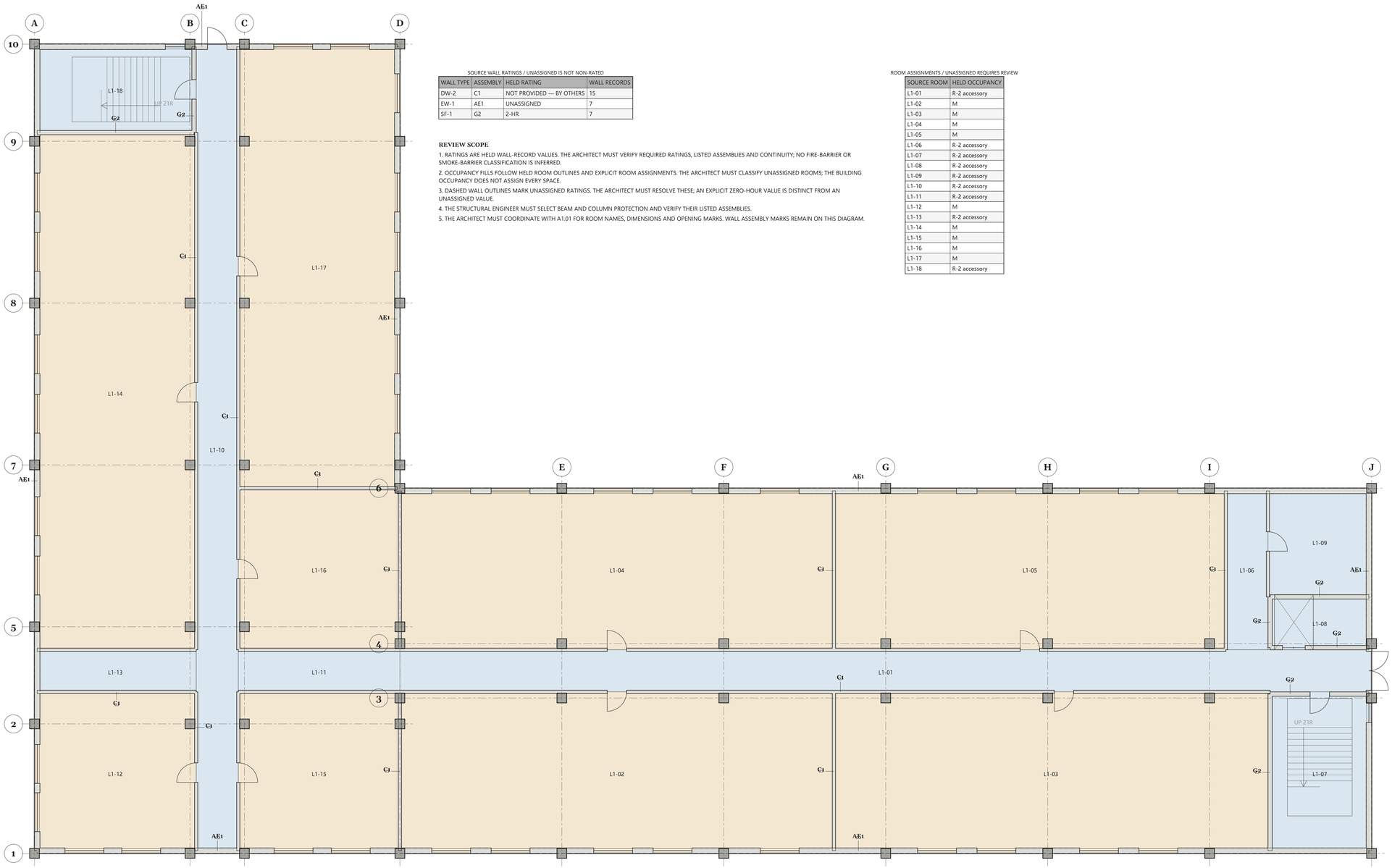
OPEN ISSUE

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

LEVEL RF PRELIMINARY OCCUPANCY AND EGRESS

SHEET

G0.15



SOURCE WALL RATINGS / UNASSIGNED IS NOT NON-RATED

WALL TYPE	ASSEMBLY	HELD RATING	WALL RECORDS
DW-2	C1	NOT PROVIDED — BY OTHERS	15
EW-1	AE1	UNASSIGNED	7
SF-1	G2	2-HR	7

REVIEW SCOPE

1. RATINGS ARE HELD WALL-RECORD VALUES. THE ARCHITECT MUST VERIFY REQUIRED RATINGS, LISTED ASSEMBLIES AND CONTINUITY; NO FIRE-BARRIER OR SMOKE-BARRIER CLASSIFICATION IS INFERRED.
2. OCCUPANCY FILLS FOLLOW HELD ROOM OUTLINES AND EXPLICIT ROOM ASSIGNMENTS. THE ARCHITECT MUST CLASSIFY UNASSIGNED ROOMS; THE BUILDING OCCUPANCY DOES NOT ASSIGN EVERY SPACE.
3. DASHED WALL OUTLINES MARK UNASSIGNED RATINGS. THE ARCHITECT MUST RESOLVE THESE; AN EXPLICIT ZERO-HOUR VALUE IS DISTINCT FROM AN UNASSIGNED VALUE.
4. THE STRUCTURAL ENGINEER MUST SELECT BEAM AND COLUMN PROTECTION AND VERIFY THEIR LISTED ASSEMBLIES.
5. THE ARCHITECT MUST COORDINATE WITH A1.01 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS. WALL ASSEMBLY MARKS REMAIN ON THIS DIAGRAM.

ROOM ASSIGNMENTS / UNASSIGNED REQUIRES REVIEW

SOURCE ROOM	HELD OCCUPANCY
L1-01	R-2 accessory
L1-02	M
L1-03	M
L1-04	M
L1-05	M
L1-06	R-2 accessory
L1-07	R-2 accessory
L1-08	R-2 accessory
L1-09	R-2 accessory
L1-10	R-2 accessory
L1-11	R-2 accessory
L1-12	M
L1-13	R-2 accessory
L1-14	M
L1-15	M
L1-16	M
L1-17	M
L1-18	R-2 accessory

③ LEVEL L1 / HELD WALL RATINGS AND ROOM OCCUPANCY

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. ASSEMBLIES AE1, C1, G2: 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

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PROJECT

Architecture.Engineering — L courtyard study

FICTIONAL STUDY: NO REAL PARCEL
ARCHITECTUREENGINEERING — 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	1/8"
Phase	CONSTRUCTION DOCUMENTS

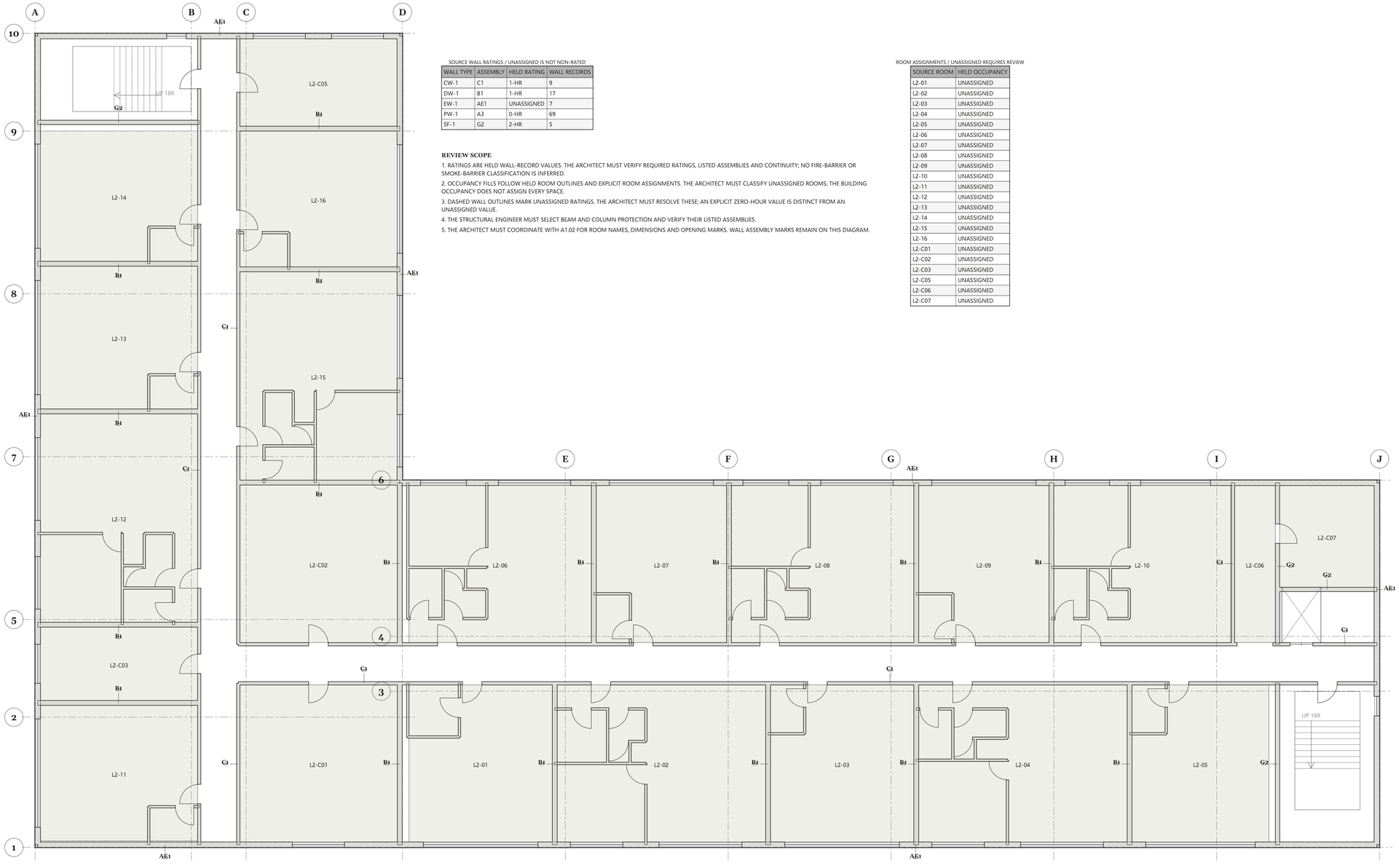
OPEN ISSUE

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

LEVEL L1 HELD WALL RATINGS AND ROOM OCCUPANCY

SHEET

G0.16



SOURCE WALL RATINGS / UNASSIGNED IS NOT NON-RATED

WALL TYPE	ASSEMBLY	HELD RATING	WALL RECORDS
CW-1	C1	1-HR	9
DW-1	B1	1-HR	17
EW-1	AE1	UNASSIGNED	7
PW-1	A3	0-HR	69
SF-1	G2	2-HR	5

REVIEW SCOPE

1. RATINGS ARE HELD WALL-RECORD VALUES. THE ARCHITECT MUST VERIFY REQUIRED RATINGS, LISTED ASSEMBLIES AND CONTINUITY; NO FIRE-BARRIER OR SMOKE-BARRIER CLASSIFICATION IS INFERRED.
2. OCCUPANCY FILLS FOLLOW HELD ROOM OUTLINES AND EXPLICIT ROOM ASSIGNMENTS. THE ARCHITECT MUST CLASSIFY UNASSIGNED ROOMS; THE BUILDING OCCUPANCY DOES NOT ASSIGN EVERY SPACE.
3. DASHED WALL OUTLINES MARK UNASSIGNED RATINGS. THE ARCHITECT MUST RESOLVE THESE; AN EXPLICIT ZERO-HOUR VALUE IS DISTINCT FROM AN UNASSIGNED VALUE.
4. THE STRUCTURAL ENGINEER MUST SELECT BEAM AND COLUMN PROTECTION AND VERIFY THEIR LISTED ASSEMBLIES.
5. THE ARCHITECT MUST COORDINATE WITH A1.02 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS. WALL ASSEMBLY MARKS REMAIN ON THIS DIAGRAM.

ROOM ASSIGNMENTS / UNASSIGNED REQUIRES REVIEW

SOURCE ROOM	HELD OCCUPANCY
L2-01	UNASSIGNED
L2-02	UNASSIGNED
L2-03	UNASSIGNED
L2-04	UNASSIGNED
L2-05	UNASSIGNED
L2-06	UNASSIGNED
L2-07	UNASSIGNED
L2-08	UNASSIGNED
L2-09	UNASSIGNED
L2-10	UNASSIGNED
L2-11	UNASSIGNED
L2-12	UNASSIGNED
L2-13	UNASSIGNED
L2-14	UNASSIGNED
L2-15	UNASSIGNED
L2-16	UNASSIGNED
L2-C01	UNASSIGNED
L2-C02	UNASSIGNED
L2-C03	UNASSIGNED
L2-C05	UNASSIGNED
L2-C06	UNASSIGNED
L2-C07	UNASSIGNED

3 LEVEL L2 / HELD WALL RATINGS AND ROOM OCCUPANCY

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. ASSEMBLIES AE1, B1, C1, G2: 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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

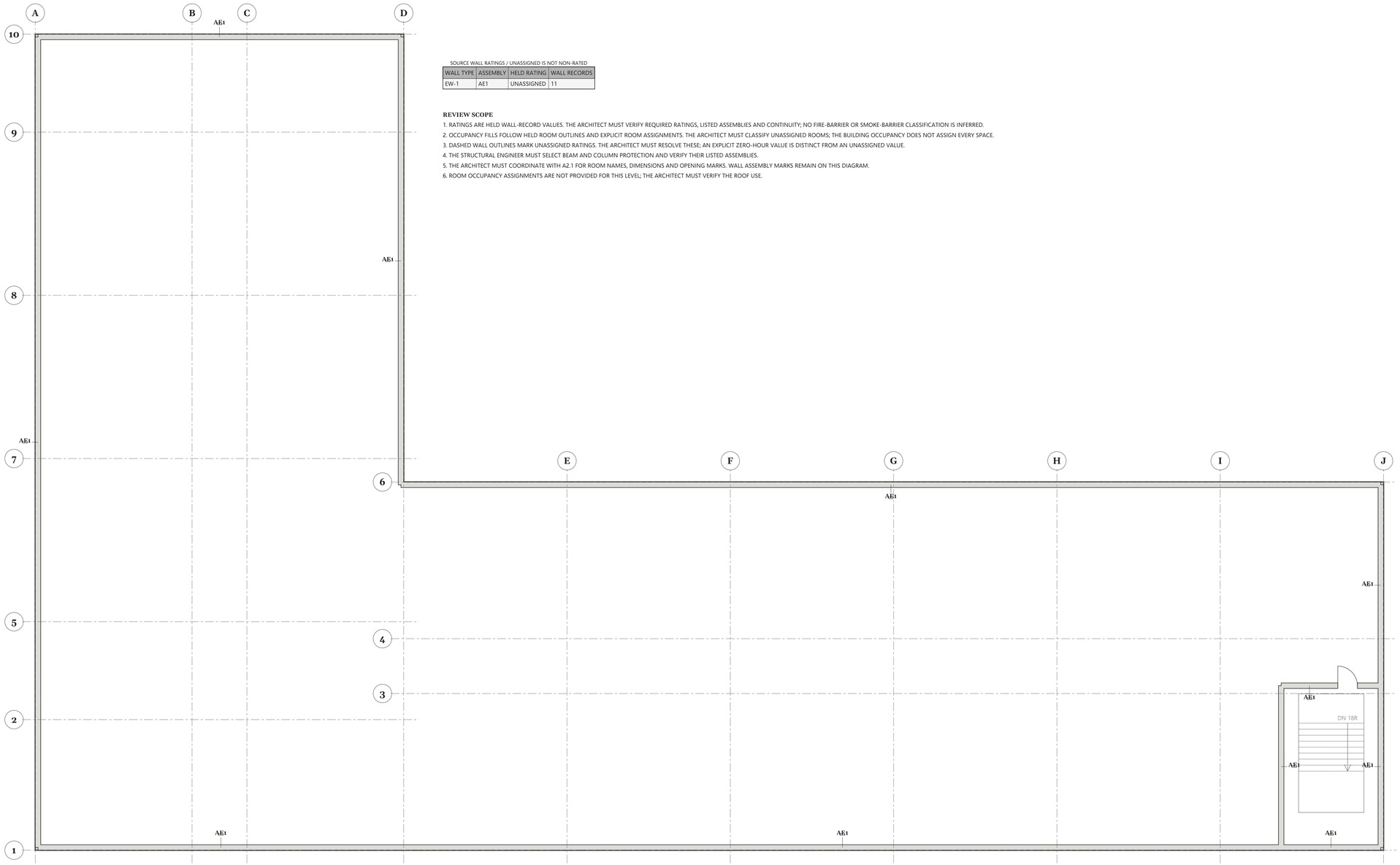
OPEN ISSUE

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

LEVEL L2 HELD WALL RATINGS AND ROOM OCCUPANCY

SHEET

G0.17



SOURCE WALL RATINGS / UNASSIGNED IS NOT NON-RATED

WALL TYPE	ASSEMBLY	HELD RATING	WALL RECORDS
EW-1	AE1	UNASSIGNED	11

REVIEW SCOPE

1. RATINGS ARE HELD WALL-RECORD VALUES. THE ARCHITECT MUST VERIFY REQUIRED RATINGS, LISTED ASSEMBLIES AND CONTINUITY; NO FIRE-BARRIER OR SMOKE-BARRIER CLASSIFICATION IS INFERRED.
2. OCCUPANCY FILLS FOLLOW HELD ROOM OUTLINES AND EXPLICIT ROOM ASSIGNMENTS. THE ARCHITECT MUST CLASSIFY UNASSIGNED ROOMS; THE BUILDING OCCUPANCY DOES NOT ASSIGN EVERY SPACE.
3. DASHED WALL OUTLINES MARK UNASSIGNED RATINGS. THE ARCHITECT MUST RESOLVE THESE; AN EXPLICIT ZERO-HOUR VALUE IS DISTINCT FROM AN UNASSIGNED VALUE.
4. THE STRUCTURAL ENGINEER MUST SELECT BEAM AND COLUMN PROTECTION AND VERIFY THEIR LISTED ASSEMBLIES.
5. THE ARCHITECT MUST COORDINATE WITH A2.1 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS. WALL ASSEMBLY MARKS REMAIN ON THIS DIAGRAM.
6. ROOM OCCUPANCY ASSIGNMENTS ARE NOT PROVIDED FOR THIS LEVEL; THE ARCHITECT MUST VERIFY THE ROOF USE.

2 LEVEL RF / HELD WALL RATINGS AND ROOM OCCUPANCY

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. ASSEMBLIES AE1: 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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

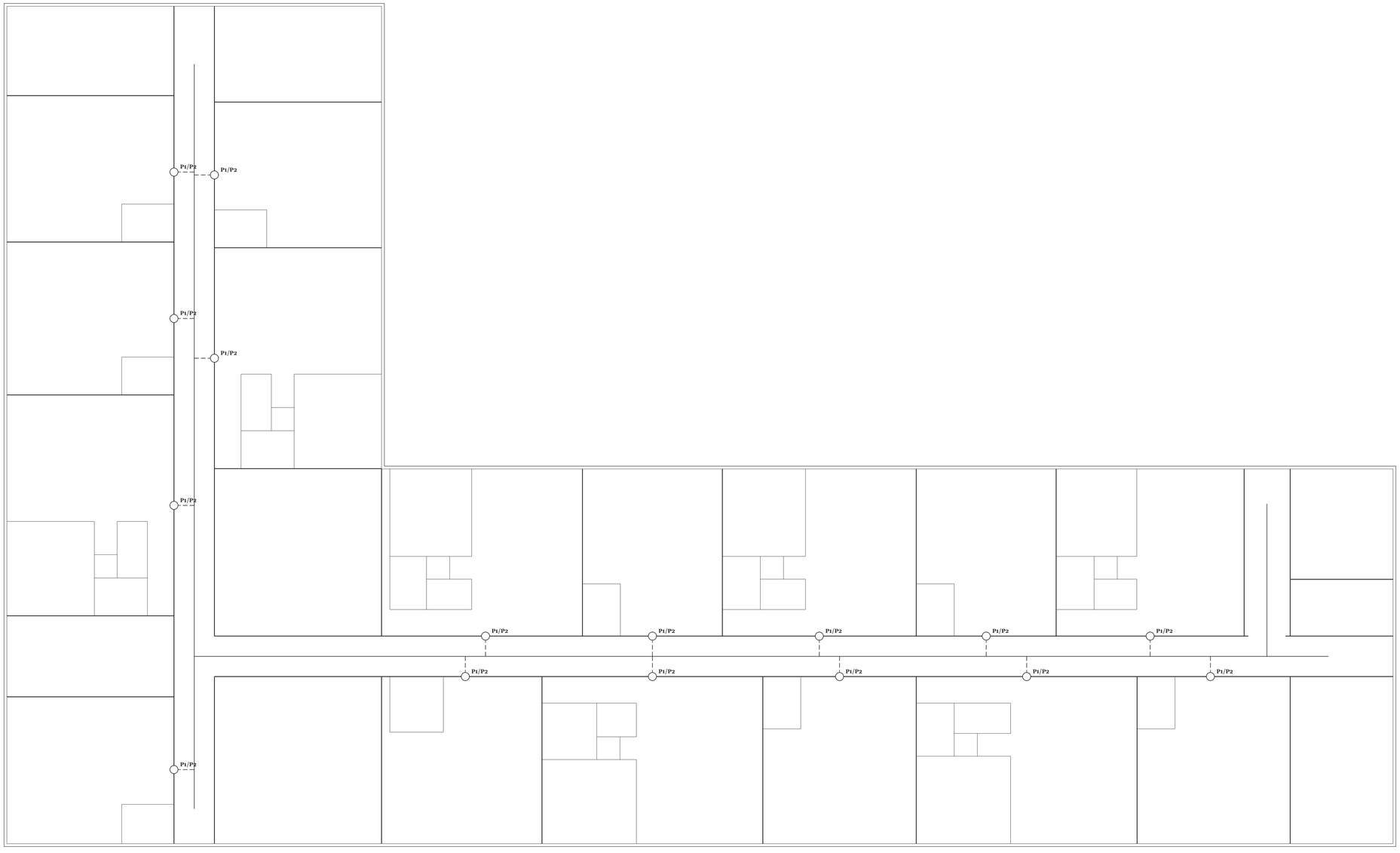
OPEN ISSUE

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

LEVEL RF HELD WALL RATINGS AND ROOM OCCUPANCY

SHEET

G0.18



NOTES

1. OSSC 714.4.1.2: EACH THROUGH PENETRATION OF A RATED WALL TAKES A LISTED SYSTEM WHOSE F RATING IS NOT LESS THAN THE WALL'S. TAGS KEY TO THE FIRESTOP SCHEDULE ON G0.20.

2. ARCHITECT: CONFIRM THE RATED WALLS SHOWN HEAVY FROM THE ELEMENT FILE. SOLID RUNS ARE CORRIDOR MAINS, DASHED RUNS ARE BRANCHES INTO THE UNITS: DUCT, SPRINKLER PIPE AND CONDUIT AS THE ROUTER LAYS THEM.

3. MEP ENGINEER: PROVIDE THE PLUMBING DRAINS AND STACKS, FLOOR PENETRATIONS AND SMOKE DAMPERS NOT SHOWN. THE ROUTER STOPS EACH ELECTRICAL BRANCH SHORT OF THE RATED WALLS, SO NO BRANCH CONDUIT CROSSES ONE.

4. 717.5.4 EXCEPTION 1 WAIVES THE FIRE DAMPER WHERE A DUCT PENETRATES A CORRIDOR WALL IN A BUILDING SPRINKLERED UNDER 903.3.1.1 OR 903.3.1.2. THE IBG SAYS SPRINKLERED AND NAMES NO STANDARD, SO THE DAMPER QUESTION STAYS OPEN.

1 PENETRATIONS, L2

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. FIRESTOPPING: SPECIFIED IN SECTION 07 84 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

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OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

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Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

PENETRATION PLAN

SHEET

G0.19

FIRESTOP SCHEDULE (PER LEVEL: L2)

TAG	WALL	RATING	PENETRANT	LISTED SYSTEM	F / T	ANNULAR (LISTED)	FILL	PER LEVEL	TOTAL
P1	CW-1	1 HR	8 IN ROUND GALVANIZED STEEL DUCT	UL W-L-7229	F 1 HR, T 0 HR	0 TO 1 IN	MIN 0.5 IN	16	46
P2	CW-1	1 HR	1 IN CPVC PIPE	UL W-L-2413	F 1 HR, T 0 HR	0 TO 0.625 IN	MIN 0.625 IN	16	46

LISTED SYSTEMS

SYSTEM	PENETRANT (LISTED)	WALL (TESTED)	MAX OPENING	BASIS OF DESIGN	LISTING PAGE
UL W-L-7229	STEEL DUCT TO NOM 10 IN	U300, U400, V400, W400 SERIES, WOOD STUDS NOM 2 BY 4 IN. AT 16 IN. OC	11 IN	RECTORSEAL METACAULK 1000 IN UL SYSTEM W-L-7229	https://apps.rectorseal.com/fsg/systems/XHEZ.W-L-7229
UL W-L-2413	CPVC PIPE TO NOM 2 IN	U300, U400, V400, W400 SERIES, WOOD STUDS NOM 2 BY 4 IN. AT 16 IN. OC	3 IN	RECTORSEAL METACAULK 1000 IN UL SYSTEM W-L-2413	https://apps.rectorseal.com/fsg/systems/XHEZ.W-L-2413

NOTES

1. THE OPENING IS CUT ON SITE: ITS SIZE IS NOT PROVIDED HERE, AND THE INSTALLER HOLDS THE ANNULAR SPACE TO THE LISTED RANGE ABOVE.
2. F EQUALS THE WALL'S RATING IN BOTH LISTINGS. THE WALL'S REQUIRED RATING IS TAKEN AS ITS TYPE'S OWN RATING ON A5.1 AND A5.4.
3. EACH LISTING ASKS FOR THE PENETRANT RIGIDLY SUPPORTED ON BOTH SIDES OF THE WALL AND FOR FILL TO THE MINIMUM DEPTH ABOVE. THE STEEL DUCT LISTING ALSO SETS A MINIMUM GAUGE AND THE CPVC LISTING A PIPE SDR. THE ROUTER NAMES NONE OF THESE; THE INSTALLER MUST CHECK EACH ON SITE.
4. SYSTEM PAGES ARE RECTORSEAL'S REPRINTS OF THE UL ONLINE CERTIFICATIONS DIRECTORY. UL PRODUCT IQ NEEDS A LOGIN AND WAS NOT READ; THE FIRESTOP DESIGNER MUST VERIFY THE CURRENT LISTING.
5. A SUBSTITUTE IS ANOTHER LISTED SYSTEM FOR THE SAME PENETRANT, WALL AND RATING, SUBMITTED UNDER SECTION 07 84 00 WITH ITS SYSTEM SHEET.
6. TAGS WITH THE LITERAL HAVE NO LISTED SYSTEM IN THE FIRESTOP ROWS. THE FIRESTOP DESIGNER NAMES ONE, OR AN ENGINEERING JUDGMENT, FOR EACH.

① **FIRESTOP SCHEDULE**
SCALE: NTS

SHEET NOTES

1. FIRESTOPPING: SPECIFIED IN SECTION 07 84 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.

FIRESTOP SCHEDULE

SHEET
G0.20

FLOOD SCREEN, OSSC 2022 SECTION 1612 AND PCC 24.50

ITEM	VALUE	BASIS	RECORD
SITE POINT	45.52, -122.68 (FIXTURE)	THE L-SHAPE FIXTURE'S POINT	SITE-FLD-001
FEMA FLOOD ZONE	ZONE X, NOT SFHA	FIRM 4101830093E	SITE-FLD-001
BASE FLOOD ELEVATION	NONE MAPPED	ZONE X: NO BFE ON THE POLYGON	SITE-FLD-002
DESIGN FLOOD ELEVATION	NOT REQUIRED	OUTSIDE THE SFHA; NO 1996 POLYGON	SITE-FLD-003
FLOOD PROTECTION ELEV.	NOT REQUIRED	OSSC 2022 1612.1; PCC 24.50.050 I	CODE-FLD-001
LOWEST FLOOR	65.13 FT (L1)	SITE-006 FINISHED FLOOR, AN ASSUMPTION	CODE-FLD-002
LOWEST-FLOOR CHECK	NOT REQUIRED	CIVIL CONFIRMS NO UNMAPPED WATERCOURSE	CODE-FLD-002

WILDFIRE SCREEN

ITEM	VALUE	BASIS	RECORD
WILDFIRE HAZARD ZONE	NONE FOUND IN THE SOURCES READ	SB 83 VOIDS ORS 477.490 ZONES; NOT AN R327 CITY	SITE-WUI-001
IGNITION-RESISTANT CLASS	NOT REQUIRED BY ANY RULE READ	R327 IS ONE- AND TWO-FAMILY; IWUIC NOT ADOPTED	CODE-WUI-001

NOTES

1. OSSC 2025, IN FORCE SINCE 2026-04-01, KEEPS 102.4.3 AND ASCE 24-14 AND ADDS ELEVATORS AND CONVEYING SYSTEMS TO 1612.2.

1 FLOOD AND WILDFIRE HAZARD SCREEN
SCALE: NTS

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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
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GEOTECHNICAL	NOT PROVIDED — BY OTHERS

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Architecture.Engineering — L courtyard study

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OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

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Drawn	NOT PROVIDED — BY OTHERS
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Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

FLOOD AND WILDFIRE HAZARD SCREEN

SHEET

G0.21

THIRTEEN INSTRUMENTS: 6 WITH OFFENDERS, 1 NOT EVALUATED, 6 CLEAN

NO.	CHECK	EXIT	VERDICT	READ	FIRST OFFENDER, OR WHAT THE CHECK COULD NOT READ
QA-001	SHEETS MISSING FROM THE INDEX	0	CLEAN	130	NONE
QA-002	UNREFERENCED CALLOUTS	1	60 OFFENDERS	70	A1.01: SECTION A NAMES A4.1; A4.1 DRAWS NO SECTION A
QA-003	TAGS WITH NO ELEMENT	0	CLEAN	227	NONE
QA-004	SCHEDULES THAT DISAGREE WITH THE ELEMENT FILE	0	CLEAN	552	NONE
QA-005	DIMENSIONS THAT DO NOT CLOSE	1	17 OFFENDERS	55	A1.02#4: PARTS 90 + 6 + 41 + 5 + 123 = 265 IN; THE OVERALL PRINTS 264 IN (+1 IN)
QA-006	ROOMS WITHOUT FINISHES	1	6 OFFENDERS	314	BUILDING SERVICES ROOM (COMMON): NO FINISH SCHEDULE ROW NAMES THIS ROOM; 3 IN THE ELEMENT FILE
QA-007	DOORS WITHOUT HARDWARE	0	CLEAN	406	NONE
QA-008	DETAILS NOT REFERENCED	1	29 OFFENDERS	29	1/A3.5: NO CALLOUT ON ANY SHEET NAMES THIS DETAIL
QA-009	REVISIONS NOT CLOUDED	2	NOT EVALUATED	0	THE IBG CARRIES NO REVISIONS RECORD, SO THERE IS NO CHANGE TO LOOK FOR A CLOUD ON
QA-010	OVERLAPPING ELEMENTS	0	CLEAN	451	NONE
QA-011	UNENCLOSED ROOMS	1	8 OFFENDERS	84	ROOM:L1:01: NORTH SIDE OPEN 6.50 FT AT 24.95 TO 31.45; NORTH SIDE OPEN 6.83 FT AT 183.90 TO 190.73; SOUTH SIDE OPEN 6.50 FT AT 24.95 TO 31.45
QA-012	UNJOINED WALLS	1	6 OFFENDERS	734	WALL:L2-MAIN:CORRIDOR-NORTH: END AT (184.53, 31.20) MEETS NO WALL; WALL:L2:SHARED-C06-WEST IS 0.62 FT AWAY
QA-013	ELEMENT ON NO LEVEL	0	CLEAN	1300	NONE

OFFENDERS, THE FIRST 2 OF EACH INSTRUMENT

NO.	AT	WHY
QA-002	A1.01	SECTION A NAMES A4.1; A4.1 DRAWS NO SECTION A
QA-002	A1.01	SECTION B NAMES ---, WHICH IS NOT IN THIS SET
		AND 58 MORE IN SET-QA.JSON AND RECORD QA-002
QA-005	A1.02#4	PARTS 90 + 6 + 41 + 5 + 123 = 265 IN; THE OVERALL PRINTS 264 IN (+1 IN)
QA-005	A1.02#5	PARTS 90 + 6 + 36 + 29 + 4 + 218 = 383 IN; THE OVERALL PRINTS 384 IN (-1 IN)
		AND 15 MORE IN SET-QA.JSON AND RECORD QA-005
QA-006	BUILDING SERVICES ROOM (COMMON)	NO FINISH SCHEDULE ROW NAMES THIS ROOM; 3 IN THE ELEMENT FILE
QA-006	RESIDENT LOUNGE (COMMON)	NO FINISH SCHEDULE ROW NAMES THIS ROOM; 3 IN THE ELEMENT FILE
		AND 4 MORE IN SET-QA.JSON AND RECORD QA-006
QA-008	1/A3.5	NO CALLOUT ON ANY SHEET NAMES THIS DETAIL
QA-008	2/A3.5	NO CALLOUT ON ANY SHEET NAMES THIS DETAIL
		AND 27 MORE IN SET-QA.JSON AND RECORD QA-008
QA-011	ROOM:L1:01	NORTH SIDE OPEN 6.50 FT AT 24.95 TO 31.45; NORTH SIDE OPEN 6.83 FT AT 183.90 TO 190.73; SOUTH SIDE OPEN 6.50 FT AT 24.95 TO 31.45
QA-011	ROOM:L1:06	EAST SIDE OPEN 6.83 FT AT 24.95 TO 31.78; WEST SIDE OPEN 6.50 FT AT 24.95 TO 31.45
		AND 6 MORE IN SET-QA.JSON AND RECORD QA-011
QA-012	WALL:L2-MAIN:CORRIDOR-NORTH	END AT (184.53, 31.20) MEETS NO WALL; WALL:L2:SHARED-C06-WEST IS 0.62 FT AWAY
QA-012	WALL:L2-MAIN:CORRIDOR-NORTH:SPAN-2	END AT (190.03, 31.20) MEETS NO WALL; WALL:L2-MAIN:SHAFT-CORE-A-2-WEST IS 0.71 FT AWAY
		AND 4 MORE IN SET-QA.JSON AND RECORD QA-012

NOTES

1. EXIT 0 IS CLEAN, 1 NAMES EACH OFFENDER, 2 NAMES WHAT THE SET OR THE ELEMENT FILE DOES NOT CARRY. A CHECK WITH NOTHING TO READ IS NOT EVALUATED, NEVER CLEAN.
2. QA-001 TO QA-009 READ WHAT THE RENDERERS RECORDED WHILE DRAWING THIS SET, BESIDE THE ELEMENT FILE THE SAME MODEL BUILDS. QA-010 TO QA-013 ARE THE WARNINGS LIST AND READ THE ELEMENT FILE ALONE.
3. THE RESULTS DO NOT STOP THE BUILD. THEY ARE PRINTED HERE AND WRITTEN TO SET-QA.JSON AND THE LEDGER; A REVIEWER CLEARS EACH OFFENDER ON THE DRAWINGS, OR IN THE MODEL, AND RE-RUNS ITS SCRIPT.
4. THE REVIEWER READS THIS SHEET AS A RECEIPT. IT DRAWS NO TAG, CALLOUT, DIMENSION OR SCHEDULE ROW THE CHECKS READ, SO ITS OWN PRESENCE CHANGES NO RESULT.
5. QA-001 IS PLAN-SET-STANDARD SECTION 8 CHECK 1. CHECKS 2, 7 AND 8 OF THAT SECTION RUN IN TOOLS/CHECKS/PLAN_SET_CHECKS.PY; QA-003 READS CHECK 8'S TAGS AGAINST THE ELEMENT FILE INSTEAD OF THE SCHEDULES.

1 SET QA AND MODEL WARNINGS
SCALE: NTS

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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PROJECT

Architecture.Engineering — L courtyard study

FICTIONAL STUDY; NO REAL PARCEL
ARCHITECTUREENGINEERING — 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

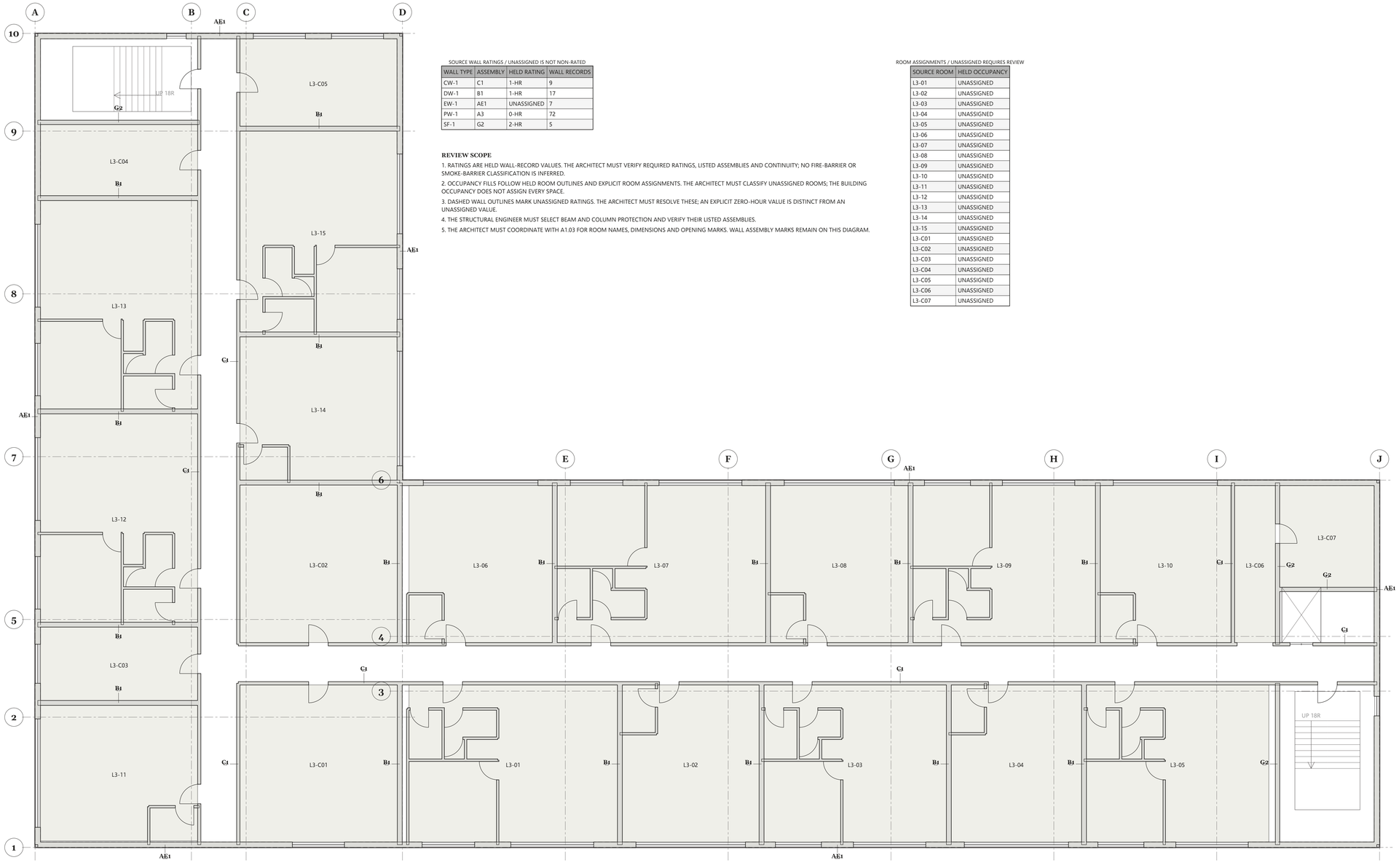
OPEN ISSUE

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

SET QA AND MODEL WARNINGS

SHEET

G0.22



SOURCE WALL RATINGS / UNASSIGNED IS NOT NON-RATED

WALL TYPE	ASSEMBLY	HELD RATING	WALL RECORDS
CW-1	C1	1-HR	9
DW-1	B1	1-HR	17
EW-1	AE1	UNASSIGNED	7
PW-1	A3	0-HR	72
SF-1	G2	2-HR	5

REVIEW SCOPE

1. RATINGS ARE HELD WALL-RECORD VALUES. THE ARCHITECT MUST VERIFY REQUIRED RATINGS, LISTED ASSEMBLIES AND CONTINUITY; NO FIRE-BARRIER OR SMOKE-BARRIER CLASSIFICATION IS INFERRED.
2. OCCUPANCY FILLS FOLLOW HELD ROOM OUTLINES AND EXPLICIT ROOM ASSIGNMENTS. THE ARCHITECT MUST CLASSIFY UNASSIGNED ROOMS; THE BUILDING OCCUPANCY DOES NOT ASSIGN EVERY SPACE.
3. DASHED WALL OUTLINES MARK UNASSIGNED RATINGS. THE ARCHITECT MUST RESOLVE THESE; AN EXPLICIT ZERO-HOUR VALUE IS DISTINCT FROM AN UNASSIGNED VALUE.
4. THE STRUCTURAL ENGINEER MUST SELECT BEAM AND COLUMN PROTECTION AND VERIFY THEIR LISTED ASSEMBLIES.
5. THE ARCHITECT MUST COORDINATE WITH A1.03 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS. WALL ASSEMBLY MARKS REMAIN ON THIS DIAGRAM.

ROOM ASSIGNMENTS / UNASSIGNED REQUIRES REVIEW

SOURCE ROOM	HELD OCCUPANCY
L3-01	UNASSIGNED
L3-02	UNASSIGNED
L3-03	UNASSIGNED
L3-04	UNASSIGNED
L3-05	UNASSIGNED
L3-06	UNASSIGNED
L3-07	UNASSIGNED
L3-08	UNASSIGNED
L3-09	UNASSIGNED
L3-10	UNASSIGNED
L3-11	UNASSIGNED
L3-12	UNASSIGNED
L3-13	UNASSIGNED
L3-14	UNASSIGNED
L3-15	UNASSIGNED
L3-C01	UNASSIGNED
L3-C02	UNASSIGNED
L3-C03	UNASSIGNED
L3-C04	UNASSIGNED
L3-C05	UNASSIGNED
L3-C06	UNASSIGNED
L3-C07	UNASSIGNED

③ LEVEL L3 / HELD WALL RATINGS AND ROOM OCCUPANCY

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. ASSEMBLIES AE1, B1, C1, G2: 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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

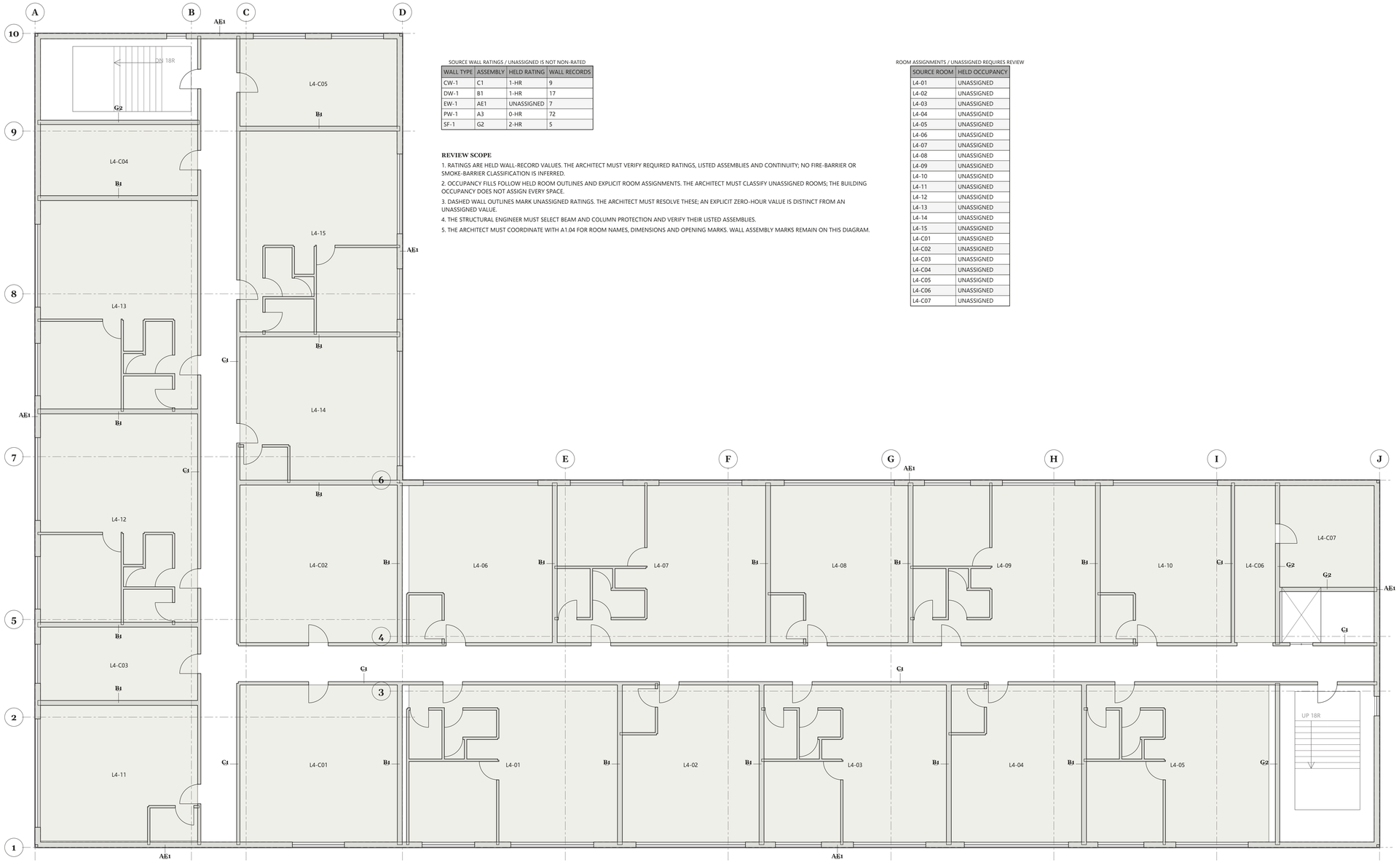
OPEN ISSUE

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

LEVEL L3 HELD WALL RATINGS AND ROOM OCCUPANCY

SHEET

G0.23



SOURCE WALL RATINGS / UNASSIGNED IS NOT NON-RATED

WALL TYPE	ASSEMBLY	HELD RATING	WALL RECORDS
CW-1	C1	1-HR	9
DW-1	B1	1-HR	17
EW-1	AE1	UNASSIGNED	7
PW-1	A3	0-HR	72
SF-1	G2	2-HR	5

REVIEW SCOPE

1. RATINGS ARE HELD WALL-RECORD VALUES. THE ARCHITECT MUST VERIFY REQUIRED RATINGS, LISTED ASSEMBLIES AND CONTINUITY; NO FIRE-BARRIER OR SMOKE-BARRIER CLASSIFICATION IS INFERRED.
2. OCCUPANCY FILLS FOLLOW HELD ROOM OUTLINES AND EXPLICIT ROOM ASSIGNMENTS. THE ARCHITECT MUST CLASSIFY UNASSIGNED ROOMS; THE BUILDING OCCUPANCY DOES NOT ASSIGN EVERY SPACE.
3. DASHED WALL OUTLINES MARK UNASSIGNED RATINGS. THE ARCHITECT MUST RESOLVE THESE; AN EXPLICIT ZERO-HOUR VALUE IS DISTINCT FROM AN UNASSIGNED VALUE.
4. THE STRUCTURAL ENGINEER MUST SELECT BEAM AND COLUMN PROTECTION AND VERIFY THEIR LISTED ASSEMBLIES.
5. THE ARCHITECT MUST COORDINATE WITH A1.04 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS. WALL ASSEMBLY MARKS REMAIN ON THIS DIAGRAM.

ROOM ASSIGNMENTS / UNASSIGNED REQUIRES REVIEW

SOURCE ROOM	HELD OCCUPANCY
L4-01	UNASSIGNED
L4-02	UNASSIGNED
L4-03	UNASSIGNED
L4-04	UNASSIGNED
L4-05	UNASSIGNED
L4-06	UNASSIGNED
L4-07	UNASSIGNED
L4-08	UNASSIGNED
L4-09	UNASSIGNED
L4-10	UNASSIGNED
L4-11	UNASSIGNED
L4-12	UNASSIGNED
L4-13	UNASSIGNED
L4-14	UNASSIGNED
L4-15	UNASSIGNED
L4-C01	UNASSIGNED
L4-C02	UNASSIGNED
L4-C03	UNASSIGNED
L4-C04	UNASSIGNED
L4-C05	UNASSIGNED
L4-C06	UNASSIGNED
L4-C07	UNASSIGNED

3 LEVEL L4 / HELD WALL RATINGS AND ROOM OCCUPANCY

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. ASSEMBLIES AE1, B1, C1, G2: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

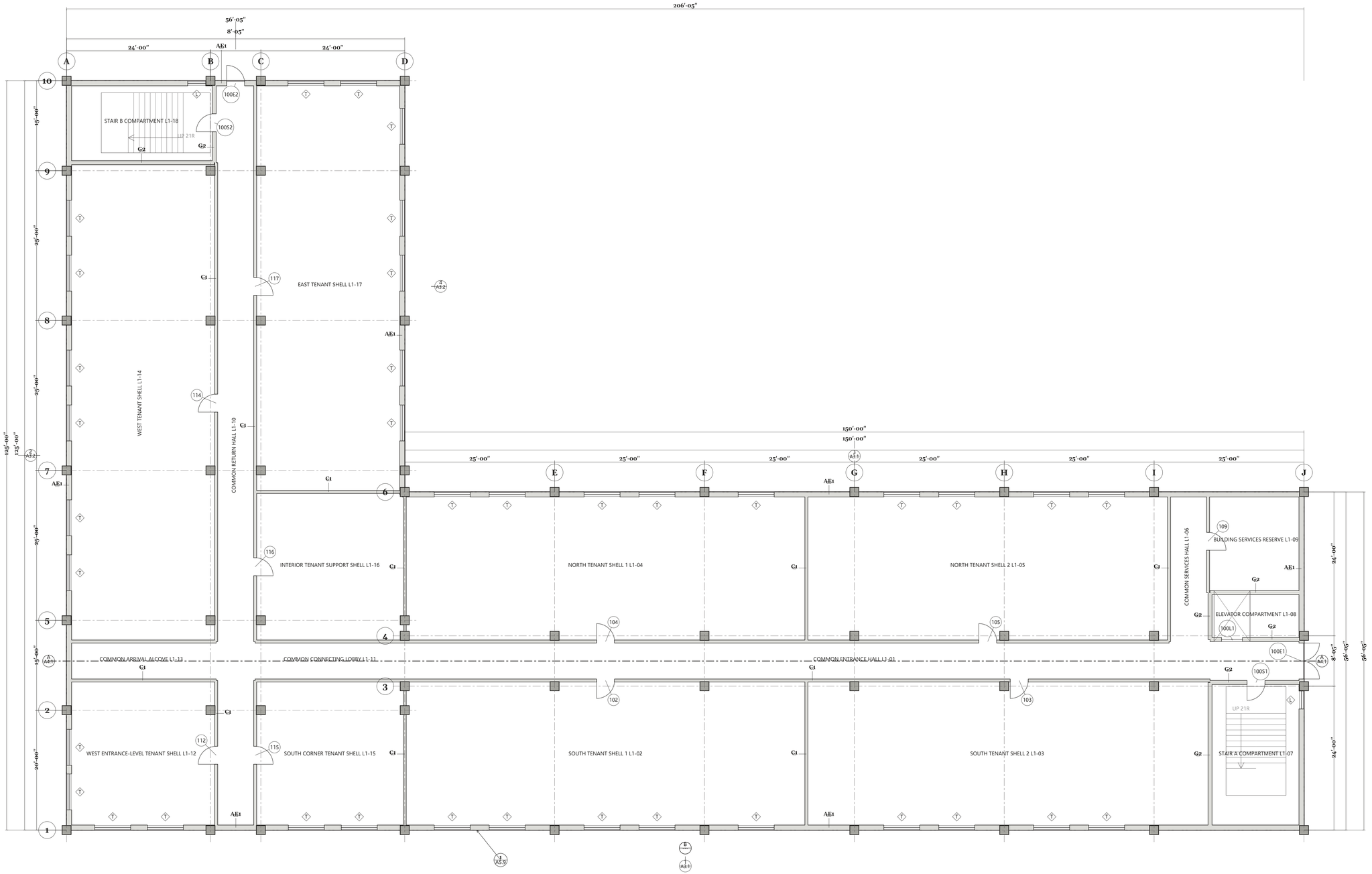
OPEN ISSUE

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

LEVEL L4 HELD WALL RATINGS AND ROOM OCCUPANCY

SHEET

G0.24



1 LEVEL 1 FLOOR PLAN (PODIUM)
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'

N
PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. PARTITIONS: SPECIFIED IN SECTIONS 06 10 00, 09 21 00.
2. DOORS (15 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
3. WINDOWS L, T: SPECIFIED IN SECTION 08 54 13.
4. ASSEMBLIES AE1, C1, G2: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.

PLAN NOTES

1. Finished floor, L1 +0'-0".
2. 18 program spaces on L1: 9 × tenant_suite, 5 × spine, 3 × core, 1 × building_service.
3. Corridor 5'-6" clear between CW-1 walls, 1-HR.
4. Building sections on A4.1, A4.3, A5.5, A5.6, A5.7, A5.8, A5.9; exterior elevations on A3.1, A3.2, A3.5.
5. Door and window tags here are not yet reconciled with the door and window schedules (standard 88, check 8: open).
6. Whether dimensions run to face of stud or to wall centreline is not in the model: verify before pricing.

WALL LEGEND

AE1	EW-1 study fiber-cement panel rainscreen, rating not in model
G2	SF-1 shaft wall (elevator/stair), 2-HR
C1	DW-2 demising wall (rated partition), 1-HR

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

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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

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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

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Issue	NOT PROVIDED — BY OTHERS
Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	1/8"
Phase	CONSTRUCTION DOCUMENTS

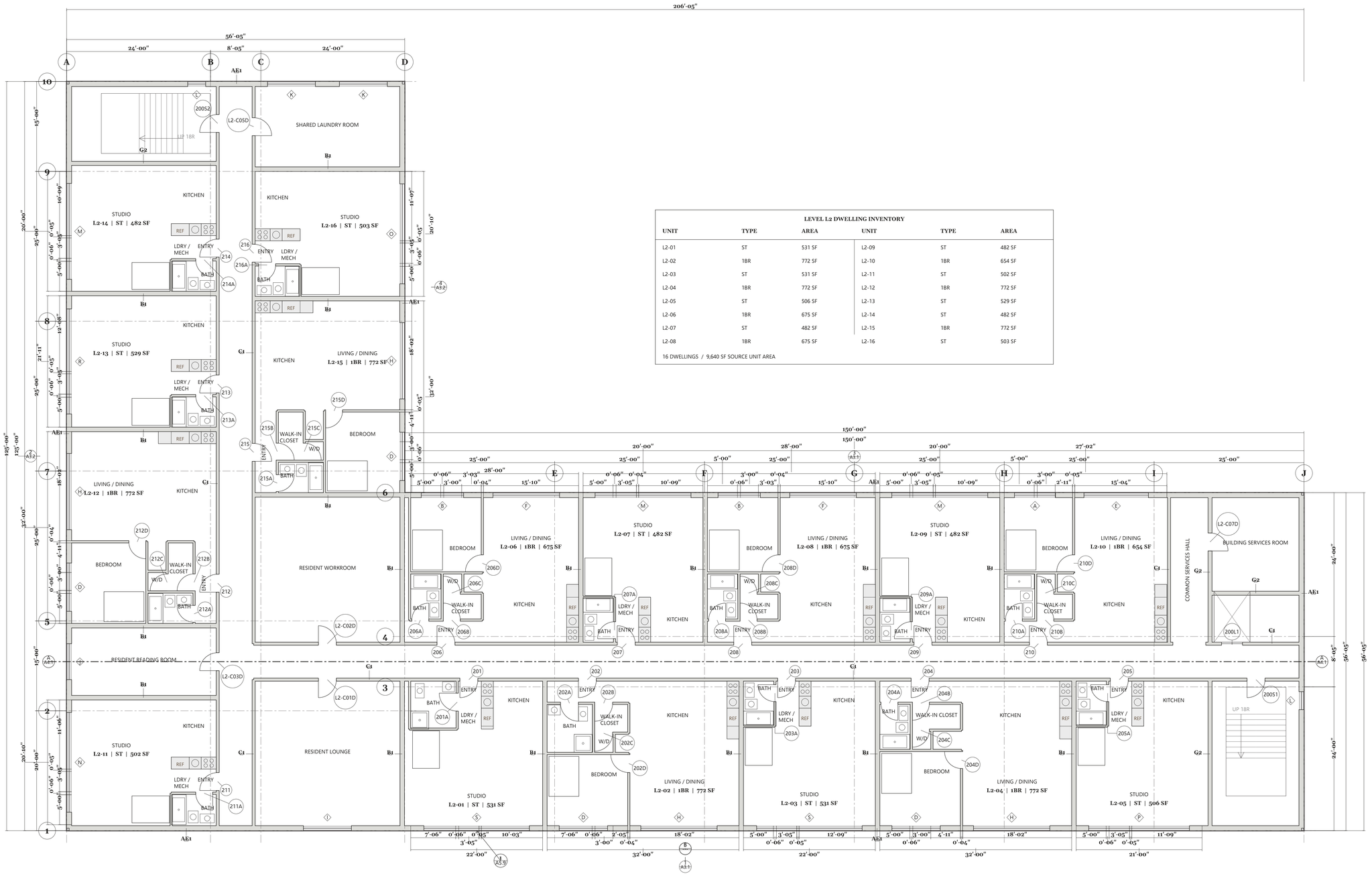
OPEN ISSUE

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

LEVEL 1 FLOOR PLAN (PODIUM)

SHEET

A1.01



LEVEL L2 DWELLING INVENTORY

UNIT	TYPE	AREA	UNIT	TYPE	AREA
L2-01	ST	531 SF	L2-09	ST	482 SF
L2-02	1BR	772 SF	L2-10	1BR	654 SF
L2-03	ST	531 SF	L2-11	ST	502 SF
L2-04	1BR	772 SF	L2-12	1BR	772 SF
L2-05	ST	506 SF	L2-13	ST	529 SF
L2-06	1BR	675 SF	L2-14	ST	482 SF
L2-07	ST	482 SF	L2-15	1BR	772 SF
L2-08	1BR	675 SF	L2-16	ST	503 SF

16 DWELLINGS / 9,640 SF SOURCE UNIT AREA

1 LEVEL L2 FLOOR PLAN
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'

N
PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. PARTITIONS: SPECIFIED IN SECTIONS 06 10 00, 09 21 00.
2. DOORS (61 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
3. WINDOWS A, B, D, E, F, H AND 10 MORE: SPECIFIED IN SECTION 08 54 13.
4. ASSEMBLIES AE1, B1, C1, G2: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.

PLAN NOTES

1. Finished floor: L2 +12'-0".
2. 16 dwelling units on L2: 9 × Studio, 7 × 1-Bedroom.
3. Corridor 5'-6" clear between CW-1 walls, 1-HR.
4. Building sections on A4.1, A4.3, A5.5, A5.6, A5.7, A5.8, A5.9; exterior elevations on A3.1, A3.2, A3.5.
5. Door and window tags here are not yet reconciled with the door and window schedules (standard §8, check 8: open).
6. Whether dimensions run to face of stud or to wall centreline is not in the model; verify before pricing.

WALL LEGEND

- **AE1** — EW-1 study fiber-cement panel rainscreen, rating not in model
- **C1** — CW-1 corridor wall (2x4 + 2 layers GWB), 1-HR
- **B1** — DW-1 demising wall (2x4 staggered + batt + 2xGWB), 1-HR
- **G2** — SF-1 shaft wall (elevator/stair), 2-HR

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

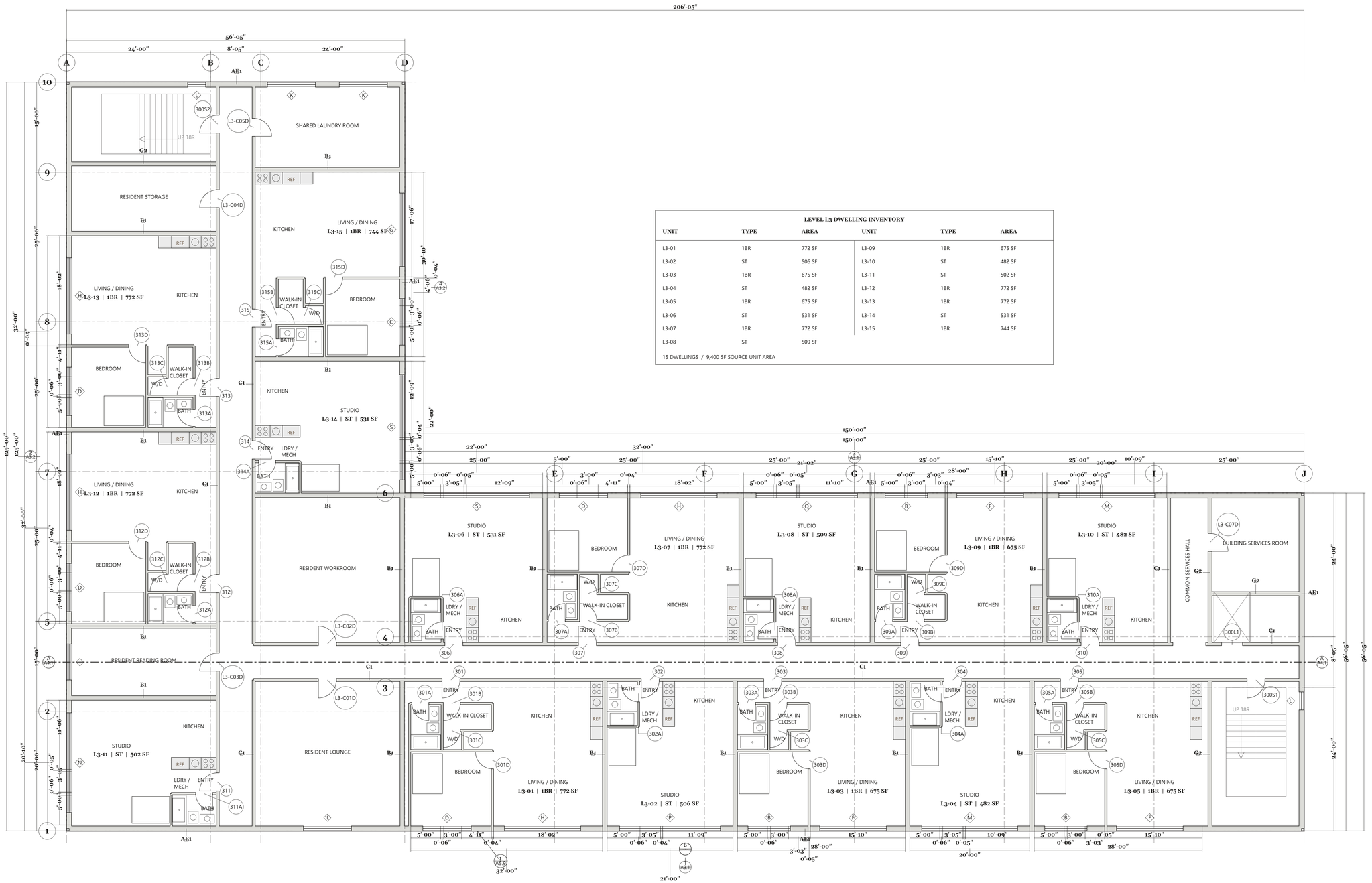
Project	AE-STUDY-L01
Issue	NOT PROVIDED — BY OTHERS
Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

LEVEL L2 FLOOR PLAN

SHEET
A1.02



LEVEL L3 DWELLING INVENTORY

UNIT	TYPE	AREA	UNIT	TYPE	AREA
L3-01	1BR	772 SF	L3-09	1BR	675 SF
L3-02	ST	506 SF	L3-10	ST	482 SF
L3-03	1BR	675 SF	L3-11	ST	502 SF
L3-04	ST	482 SF	L3-12	1BR	772 SF
L3-05	1BR	675 SF	L3-13	1BR	772 SF
L3-06	ST	531 SF	L3-14	ST	531 SF
L3-07	1BR	772 SF	L3-15	1BR	744 SF
L3-08	ST	509 SF			

15 DWELLINGS / 9,400 SF SOURCE UNIT AREA

1 **LEVEL L3 FLOOR PLAN**
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. PARTITIONS: SPECIFIED IN SECTIONS 06 10 00, 09 21 00.
2. DOORS (63 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
3. WINDOWS B, C, D, F, G, H AND 9 MORE: SPECIFIED IN SECTION 08 54 13.
4. ASSEMBLIES AE1, B1, C1, G2: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.

PLAN NOTES

1. Finished floor: L3 +22'-0".
2. 15 dwelling units on L3: 8 × 1-Bedroom, 7 × Studio.
3. Corridor 5'-6" clear between CW-1 walls, 1-HR.
4. Building sections on A4.1, A4.3, A5.5, A5.6, A5.7, A5.8, A5.9; exterior elevations on A3.1, A3.2, A3.5.
5. Door and window tags here are not yet reconciled with the door and window schedules (standard §8, check 8: open).
6. Whether dimensions run to face of stud or to wall centreline is not in the model; verify before pricing.

WALL LEGEND

- **AE1** — EW-1 study fiber-cement panel rainscreen, rating not in model
- **C1** — CW-1 corridor wall (2x4 + 2 layers GWB), 1-HR
- **B1** — DW-1 demising wall (2x4 staggered + batt + 2xGWB), 1-HR
- **G2** — SF-1 shaft wall (elevator/stair), 2-HR

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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

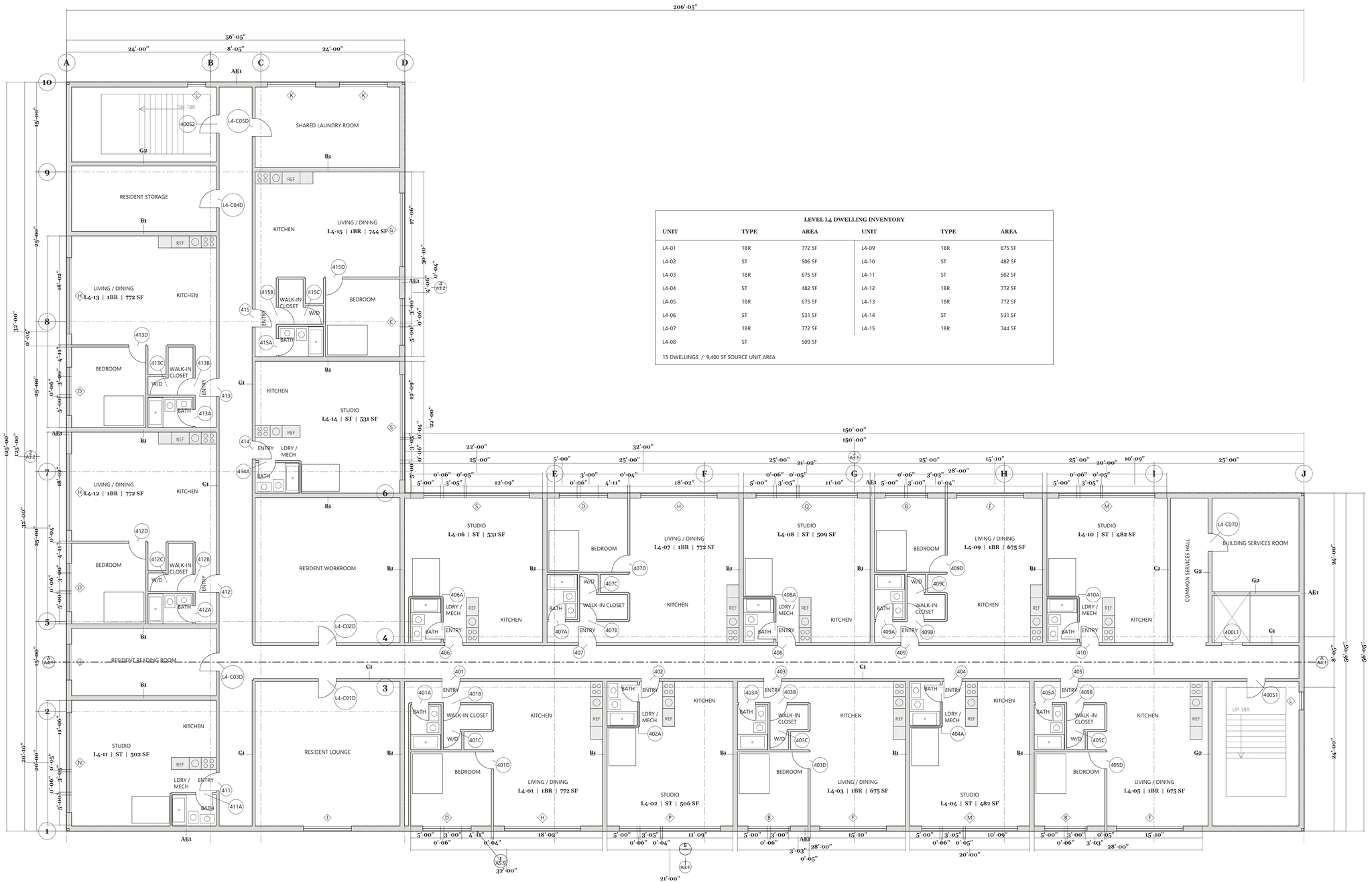
OPEN ISSUE

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

LEVEL L3 FLOOR PLAN

SHEET

A1.03



LEVEL L4 DWELLING INVENTORY

UNIT	TYPE	AREA	UNIT	TYPE	AREA
L4-01	1BR	772 SF	L4-09	1BR	675 SF
L4-02	ST	506 SF	L4-10	ST	482 SF
L4-03	1BR	675 SF	L4-11	ST	502 SF
L4-04	ST	482 SF	L4-12	1BR	772 SF
L4-05	1BR	675 SF	L4-13	1BR	772 SF
L4-06	ST	531 SF	L4-14	ST	531 SF
L4-07	1BR	772 SF	L4-15	1BR	744 SF
L4-08	ST	509 SF			

15 DWELLINGS / 9,400 SF SOURCE UNIT AREA

1 LEVEL L4 FLOOR PLAN
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'

N
PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. PARTITIONS: SPECIFIED IN SECTIONS 06 10 00, 09 21 00.
2. DOORS (63 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
3. WINDOWS B, C, D, F, G, H AND 9 MORE: SPECIFIED IN SECTION 08 54 13.
4. ASSEMBLIES AE1, B1, C1, G2: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.

PLAN NOTES

1. Finished floor: L4 +32'-0".
2. 15 dwelling units on L4: 8 × 1-Bedroom, 7 × Studio.
3. Corridor 5'-6" clear between CW-1 walls, 1-HR.
4. Building sections on A4.1, A4.3, A5.5, A5.6, A5.7, A5.8, A5.9; exterior elevations on A3.1, A3.2, A3.5.
5. Door and window tags here are not yet reconciled with the door and window schedules (standard §8, check 8: open).
6. Whether dimensions run to face of stud or to wall centreline is not in the model; verify before pricing.

WALL LEGEND

- AE1 — EW-1 study fiber-cement panel rainscreen, rating not in model
- C1 — CW-1 corridor wall (2x4 + 2 layers GWB), 1-HR
- B1 — DW-1 demising wall (2x4 staggered + batt + 2xGWB), 1-HR
- G2 — SF-1 shaft wall (elevator/stair), 2-HR

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
ADDRESS NOT PROVIDED — BY OTHERS

REVISIONS

MARK	DATE	DESCRIPTION

REGISTER

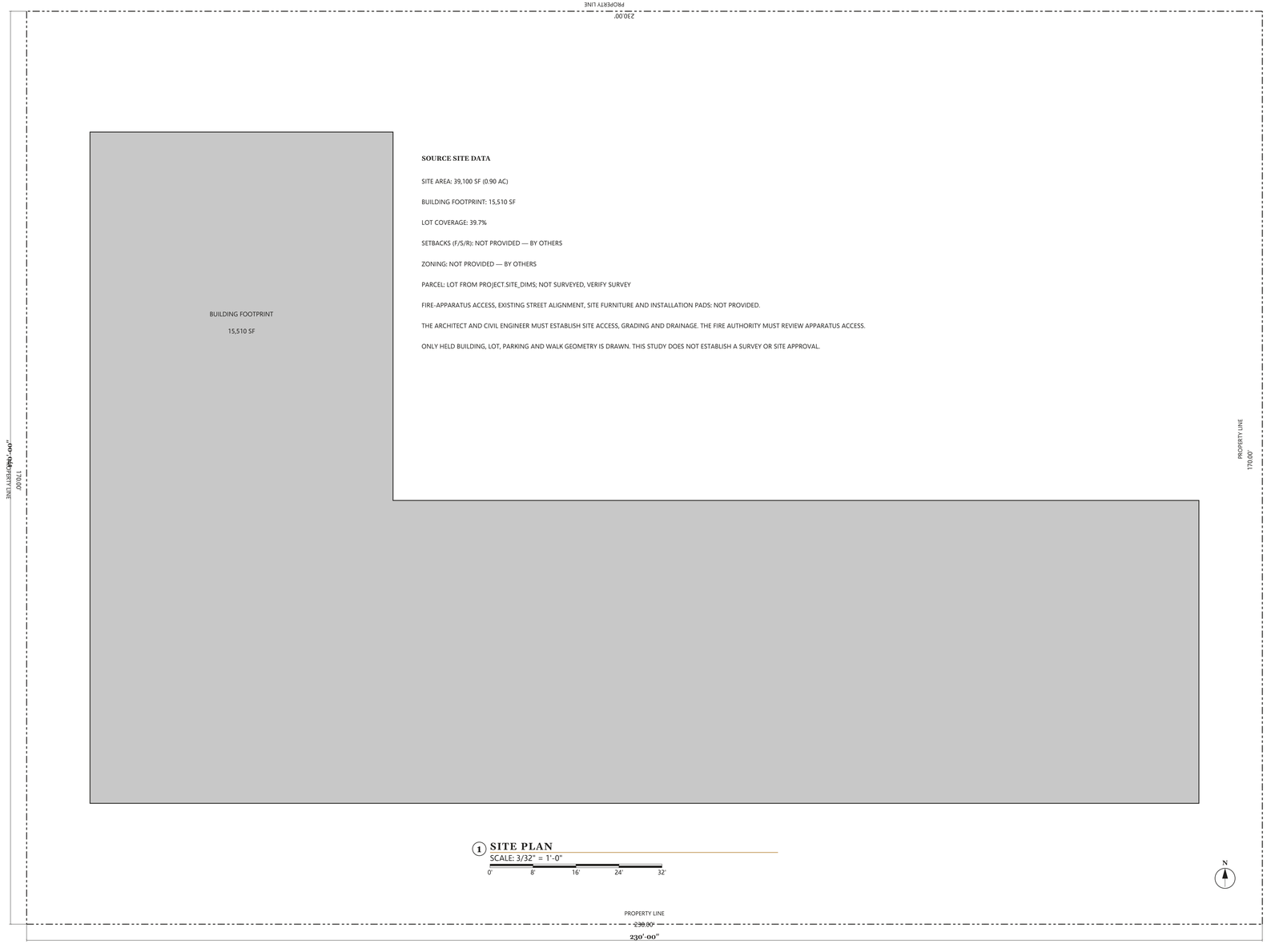
Project	AE-STUDY-L01
Issue	NOT PROVIDED — BY OTHERS
Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

LEVEL L4 FLOOR PLAN

SHEET
A1.04



SOURCE SITE DATA

SITE AREA: 39,100 SF (0.90 AC)

BUILDING FOOTPRINT: 15,510 SF

LOT COVERAGE: 39.7%

SETBACKS (F/S/R): NOT PROVIDED — BY OTHERS

ZONING: NOT PROVIDED — BY OTHERS

PARCEL: LOT FROM PROJECT.SITE_DIMS; NOT SURVEYED, VERIFY SURVEY

FIRE-APPARATUS ACCESS, EXISTING STREET ALIGNMENT, SITE FURNITURE AND INSTALLATION PADS: NOT PROVIDED.

THE ARCHITECT AND CIVIL ENGINEER MUST ESTABLISH SITE ACCESS, GRADING AND DRAINAGE. THE FIRE AUTHORITY MUST REVIEW APPARATUS ACCESS.

ONLY HELD BUILDING, LOT, PARKING AND WALK GEOMETRY IS DRAWN. THIS STUDY DOES NOT ESTABLISH A SURVEY OR SITE APPROVAL.

1 SITE PLAN

SCALE: 3/32" = 1'-0"

0' 8' 16' 24' 32'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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	3/32"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

SITE PLAN

SHEET

A1.05

CEILING HEIGHTS		
LEVEL	**GB-1**	**ACT-1**
L1	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
L2	8'-0" / 8'-5 5/8"	NOT PROVIDED — BY OTHERS
L3	8'-0" / 8'-5 5/8"	NOT PROVIDED — BY OTHERS
L4	8'-0" / 8'-5 5/8"	NOT PROVIDED — BY OTHERS

CEILING LEGEND			
TAG	**CEILING**	**BASIS OF DESIGN**	**HEIGHT**
GB-1	FLOOR-CEILING MEMBRANE; SEE ASSEMBLY	PROGRAM ONE FC1, LISTING L569 UNVERIFIED	SEE ROOM TAGS
ACT-1	ACOUSTICAL LAY-IN TILE; SEE BASIS NOTE	BASIS OF DESIGN, NOT A SELECTION	NOT PROVIDED — BY OTHERS

GRID ORIGIN BY ZONE				
ZONE	**ALONG THE LEG**	**ACROSS**	**END BORDERS**	**ON A TEE**
MAIN	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	1'-3 1/2" / 1'-3 1/2"	0 OF 14
RETURN	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	1'-6 1/4" / 1'-6 1/4"	0 OF 7
RETURN-NEAR	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	0'-11 1/4" / 0'-11 1/4"	0 OF 1
MAIN-CORE	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	1'-2 1/4" / 1'-2 1/4"	0 OF 1
SERVICES	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	0'-11 1/8" / 0'-11 1/8"	0 OF 1

E1.3 CORRIDOR DOWNLIGHT, TRUE OPENING

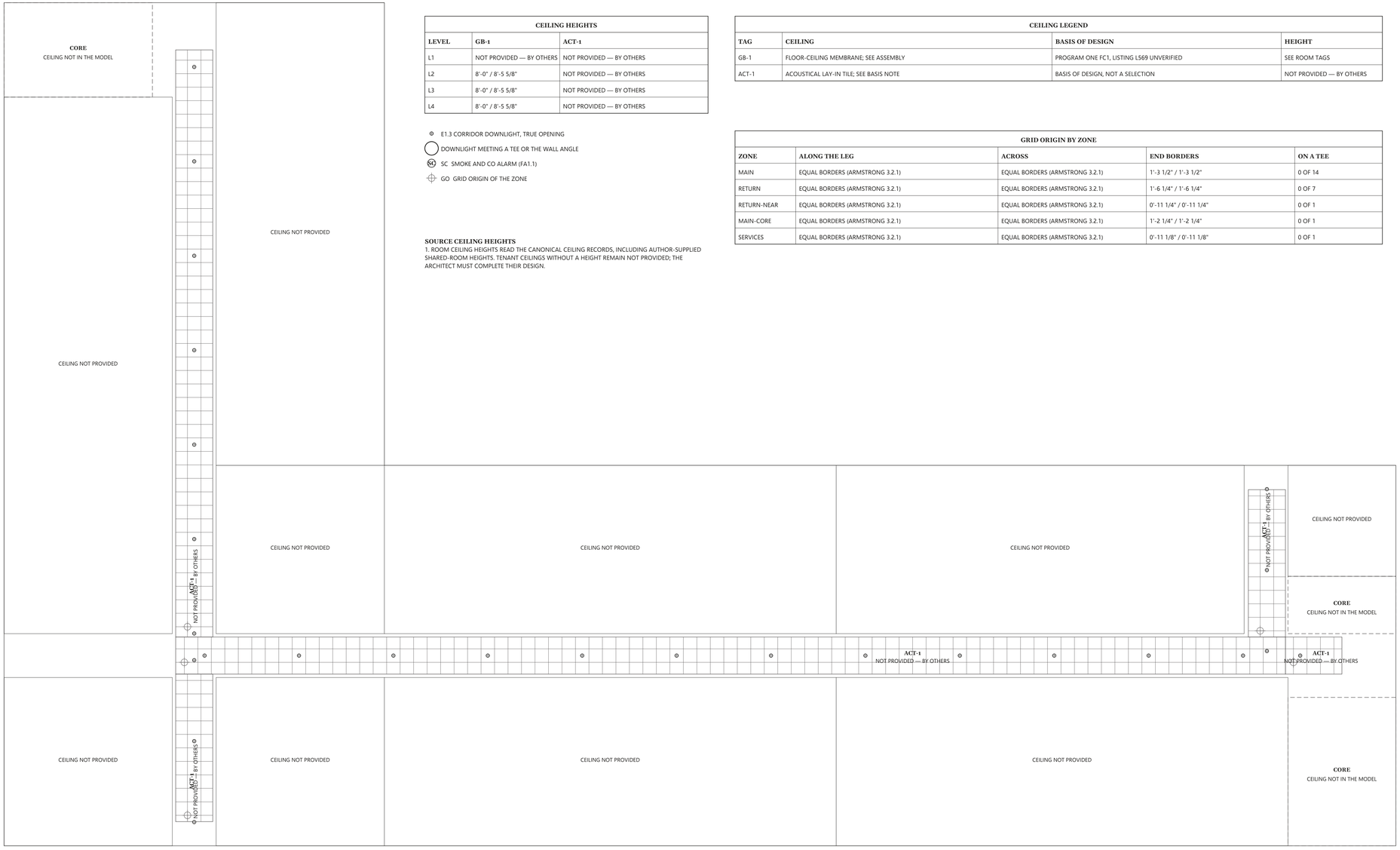
DOWNLIGHT MEETING A TEE OR THE WALL ANGLE

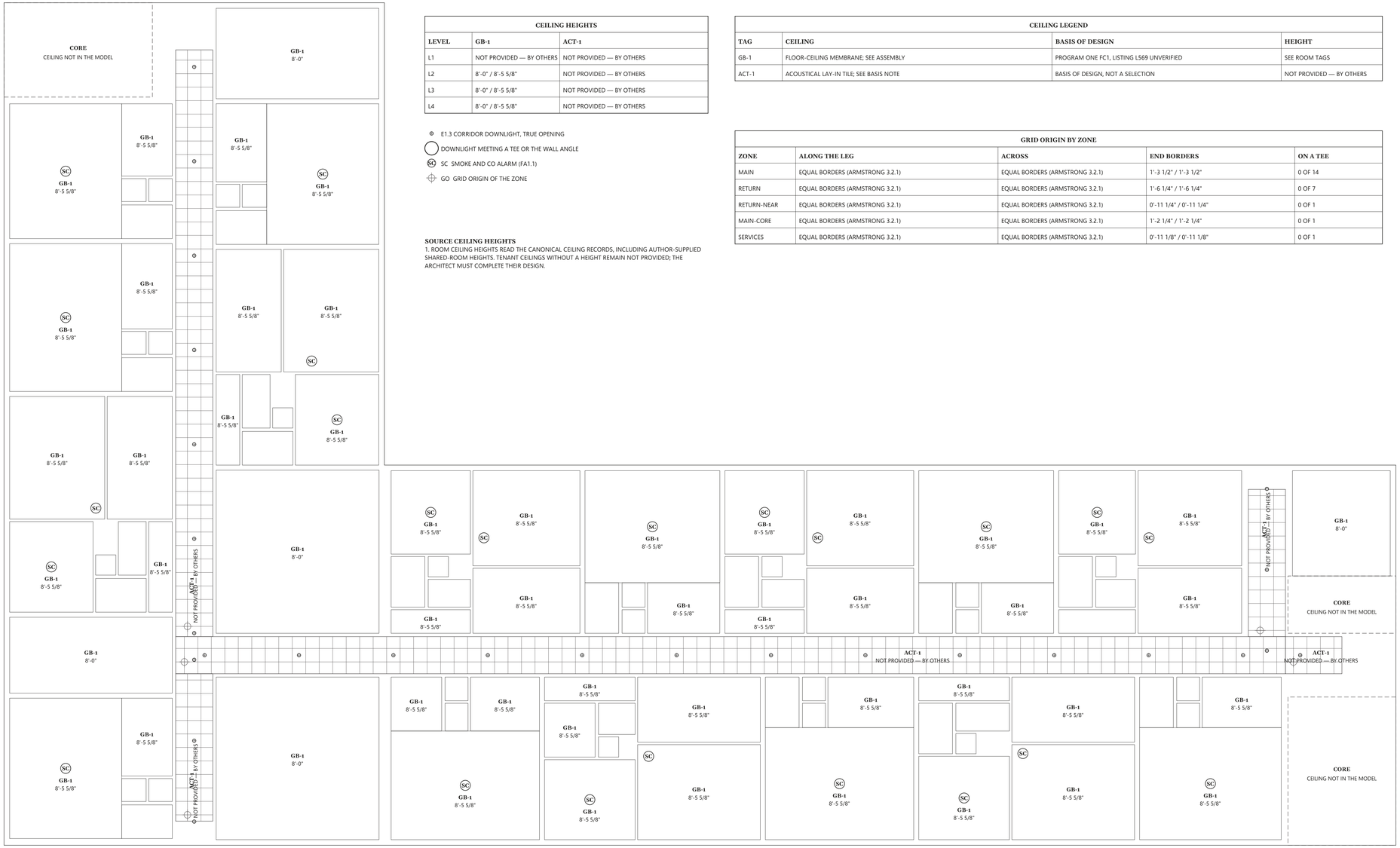
SC SMOKE AND CO ALARM (FA1.1)

GO GRID ORIGIN OF THE ZONE

SOURCE CEILING HEIGHTS

1. ROOM CEILING HEIGHTS READ THE CANONICAL CEILING RECORDS, INCLUDING AUTHOR-SUPPLIED SHARED-ROOM HEIGHTS. TENANT CEILINGS WITHOUT A HEIGHT REMAIN NOT PROVIDED; THE ARCHITECT MUST COMPLETE THEIR DESIGN.


CORE
CEILING NOT IN THE MODEL
CEILING NOT PROVIDED
ACT-1
NOT PROVIDED — BY OTHERS
GO
CEILING NOT PROVIDED
CEILING NOT PROVIDED
CEILING NOT PROVIDED



CEILING HEIGHTS		
LEVEL	**GB-1**	**ACT-1**
L1	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
L2	8'-0" / 8'-5 5/8"	NOT PROVIDED — BY OTHERS
L3	8'-0" / 8'-5 5/8"	NOT PROVIDED — BY OTHERS
L4	8'-0" / 8'-5 5/8"	NOT PROVIDED — BY OTHERS

⊙ E1.3 CORRIDOR DOWNLIGHT, TRUE OPENING

◯ DOWNLIGHT MEETING A TEE OR THE WALL ANGLE

(SC) SC SMOKE AND CO ALARM (FA1.1)

GO GRID ORIGIN OF THE ZONE

SOURCE CEILING HEIGHTS

1. ROOM CEILING HEIGHTS READ THE CANONICAL CEILING RECORDS, INCLUDING AUTHOR-SUPPLIED SHARED-ROOM HEIGHTS. TENANT CEILINGS WITHOUT A HEIGHT REMAIN NOT PROVIDED; THE ARCHITECT MUST COMPLETE THEIR DESIGN.

CEILING LEGEND			
TAG	**CEILING**	**BASIS OF DESIGN**	**HEIGHT**
GB-1	FLOOR-CEILING MEMBRANE; SEE ASSEMBLY	PROGRAM ONE FC1, LISTING LS69 UNVERIFIED	SEE ROOM TAGS
ACT-1	ACOUSTICAL LAY-IN TILE; SEE BASIS NOTE	BASIS OF DESIGN, NOT A SELECTION	NOT PROVIDED — BY OTHERS

GRID ORIGIN BY ZONE				
ZONE	**ALONG THE LEG**	**ACROSS**	**END BORDERS**	**ON A TEE**
MAIN	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	1'-3 1/2" / 1'-3 1/2"	0 OF 14
RETURN	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	1'-6 1/4" / 1'-6 1/4"	0 OF 7
RETURN-NEAR	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	0'-11 1/4" / 0'-11 1/4"	0 OF 1
MAIN-CORE	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	1'-2 1/4" / 1'-2 1/4"	0 OF 1
SERVICES	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	0'-11 1/8" / 0'-11 1/8"	0 OF 1

NOTES

1. GB-1: THE FLOOR-CEILING MEMBRANE; SEE THE ASSEMBLY SCHEDULE. ROOM TAGS AND THE HEIGHT TABLE USE THE HELD CEILING RECORDS. LISTINGS REMAIN UNVERIFIED.
2. ACT-1 IS A BASIS OF DESIGN, NOT A SELECTION: NO ACOUSTIC, FIRE OR HUMIDITY REQUIREMENT WAS READ. THE LAY-IN CORRIDOR CEILING IS OUR CHOICE, FOR ACCESS TO THE MAINS ABOVE IT.
3. GRID: 24 IN MODULES, MAINS 48 IN O.C. (ARMSTRONG BPLA-293022-324 3.1.1.2). ORIGIN PER ZONE (GO): OF ARMSTRONG'S EQUAL BORDERS (3.2.1) AND A START REFERENCED FROM EACH LIGHT (3.2), THE ONE WITH THE FEWEST LIGHTS ON A TEE, THEN THE WIDEST SMALLER BORDER.
4. E1.3 LAYS EACH CORRIDOR LEG'S DOWNLIGHTS AT A WHOLE-MODULE PITCH ON THE TILE CENTRES OF THIS GRID AND CHECKS IBC 2021 1008.2.1 AND 1008.3.5 THERE (EGR-LUM-SPC).
5. ACT-1 HEIGHT NOT PROVIDED (ARC-CLG-CORR-HT). THE ROUTED MAINS AND THEIR PLENUM ENVELOPES REQUIRE CEILING COORDINATION; THE ARCHITECT SETS THE HEIGHT AND E1.3 RE-RUNS AT THAT DATUM.
6. PLENUM MAIN: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; MAINS FROM 6'-3 5/8" TO 8'-5 5/8", CLEAR 6'-3 5/8" UNDER THE LOWEST; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
7. PLENUM RETURN: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; MAINS FROM 6'-4 1/4" TO 6'-5", CLEAR 6'-4 1/4" UNDER THE LOWEST; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
8. PLENUM RETURN-NEAR: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; MAINS FROM 6'-4 1/4" TO 6'-5", CLEAR 6'-4 1/4" UNDER THE LOWEST; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
9. PLENUM MAIN-CORE: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; NO MAIN INSIDE THE ZONE; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
10. PLENUM SERVICES: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; NO MAIN INSIDE THE ZONE; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
11. SC: SMOKE AND CARBON MONOXIDE ALARMS AT THE FA1.1 POSITIONS; MOUNTING BY THE FIRE ALARM DESIGNER. CORRIDOR STROBES ARE WALL DEVICES AND ARE NOT SHOWN.
12. NO SPRINKLER HEAD OR DIFFUSER POSITION EXISTS IN THE MODEL (ARC-SPK, ARC-DIF); NONE IS DRAWN. THE FIRE PROTECTION DESIGNER AND MECHANICAL ENGINEER SET THESE POSITIONS.
13. 47 ROOM(S) UNDER 40 SF OMIT A TEXT TAG; THEIR HEIGHT REMAINS THE HEIGHT OF THE HELD ROOM CEILING RECORD.

1 REFLECTED CEILING PLAN, L2

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. CEILINGS: SPECIFIED IN SECTION 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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

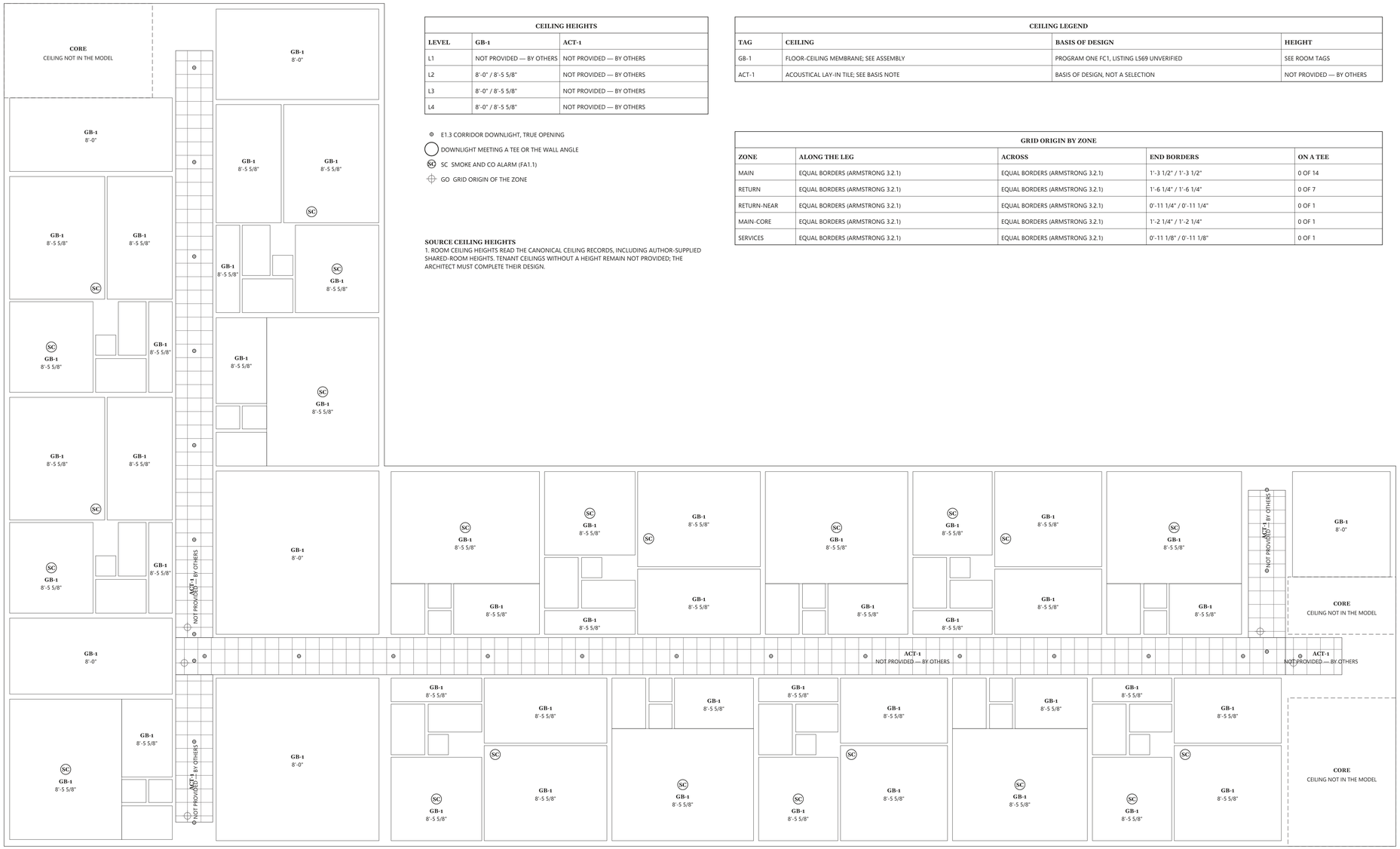
OPEN ISSUE

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

LEVEL L2 REFLECTED CEILING PLAN

SHEET

A1.07



CEILING HEIGHTS		
LEVEL	**GB-1**	**ACT-1**
L1	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
L2	8'-0" / 8'-5 5/8"	NOT PROVIDED — BY OTHERS
L3	8'-0" / 8'-5 5/8"	NOT PROVIDED — BY OTHERS
L4	8'-0" / 8'-5 5/8"	NOT PROVIDED — BY OTHERS

⊙ E1.3 CORRIDOR DOWNLIGHT, TRUE OPENING

◯ DOWNLIGHT MEETING A TEE OR THE WALL ANGLE

(SC) SC SMOKE AND CO ALARM (FA1.1)

⌖ GO GRID ORIGIN OF THE ZONE

SOURCE CEILING HEIGHTS

1. ROOM CEILING HEIGHTS READ THE CANONICAL CEILING RECORDS, INCLUDING AUTHOR-SUPPLIED SHARED-ROOM HEIGHTS. TENANT CEILINGS WITHOUT A HEIGHT REMAIN NOT PROVIDED; THE ARCHITECT MUST COMPLETE THEIR DESIGN.

CEILING LEGEND			
TAG	**CEILING**	**BASIS OF DESIGN**	**HEIGHT**
GB-1	FLOOR-CEILING MEMBRANE; SEE ASSEMBLY	PROGRAM ONE FC1, LISTING LS69 UNVERIFIED	SEE ROOM TAGS
ACT-1	ACOUSTICAL LAY-IN TILE; SEE BASIS NOTE	BASIS OF DESIGN, NOT A SELECTION	NOT PROVIDED — BY OTHERS

GRID ORIGIN BY ZONE				
ZONE	**ALONG THE LEG**	**ACROSS**	**END BORDERS**	**ON A TEE**
MAIN	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	1'-3 1/2" / 1'-3 1/2"	0 OF 14
RETURN	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	1'-6 1/4" / 1'-6 1/4"	0 OF 7
RETURN-NEAR	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	0'-11 1/4" / 0'-11 1/4"	0 OF 1
MAIN-CORE	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	1'-2 1/4" / 1'-2 1/4"	0 OF 1
SERVICES	EQUAL BORDERS (ARMSTRONG 3.2.1)	EQUAL BORDERS (ARMSTRONG 3.2.1)	0'-11 1/8" / 0'-11 1/8"	0 OF 1

NOTES

1. GB-1: THE FLOOR-CEILING MEMBRANE; SEE THE ASSEMBLY SCHEDULE. ROOM TAGS AND THE HEIGHT TABLE USE THE HELD CEILING RECORDS. LISTINGS REMAIN UNVERIFIED.
2. ACT-1 IS A BASIS OF DESIGN, NOT A SELECTION: NO ACOUSTIC, FIRE OR HUMIDITY REQUIREMENT WAS READ. THE LAY-IN CORRIDOR CEILING IS OUR CHOICE, FOR ACCESS TO THE MAINS ABOVE IT.
3. GRID: 24 IN MODULES, MAINS 48 IN O.C. (ARMSTRONG BPLA-293022-324 3.1.1.2). ORIGIN PER ZONE (GO): OF ARMSTRONG'S EQUAL BORDERS (3.2.1) AND A START REFERENCED FROM EACH LIGHT (3.2), THE ONE WITH THE FEWEST LIGHTS ON A TEE, THEN THE WIDEST SMALLER BORDER.
4. E1.3 LAYS EACH CORRIDOR LEG'S DOWNLIGHTS AT A WHOLE-MODULE PITCH ON THE TILE CENTRES OF THIS GRID AND CHECKS IBC 2021 1008.2.1 AND 1008.3.5 THERE (EGR-LUM-SPC).
5. ACT-1 HEIGHT NOT PROVIDED (ARC-CLG-CORR-HT). THE ROUTED MAINS AND THEIR PLENUM ENVELOPES REQUIRE CEILING COORDINATION; THE ARCHITECT SETS THE HEIGHT AND E1.3 RE-RUNS AT THAT DATUM.
6. PLENUM MAIN: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; MAINS FROM 6'-3 5/8" TO 8'-5 5/8", CLEAR 6'-3 5/8" UNDER THE LOWEST; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
7. PLENUM RETURN: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; MAINS FROM 6'-4 1/4" TO 6'-5", CLEAR 6'-4 1/4" UNDER THE LOWEST; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
8. PLENUM RETURN-NEAR: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; MAINS FROM 6'-4 1/4" TO 6'-5", CLEAR 6'-4 1/4" UNDER THE LOWEST; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
9. PLENUM MAIN-CORE: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; NO MAIN INSIDE THE ZONE; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
10. PLENUM SERVICES: STRUCTURE UNDERSIDE 8'-5 5/8" ABOVE THE FLOOR; NO MAIN INSIDE THE ZONE; BUDGET NOT PROVIDED UNTIL ARC-CLG-CORR-HT IS SET (PLENUM RECORDS, ELEMENT FILE 1.16).
11. SC: SMOKE AND CARBON MONOXIDE ALARMS AT THE FA1.1 POSITIONS; MOUNTING BY THE FIRE ALARM DESIGNER. CORRIDOR STROBES ARE WALL DEVICES AND ARE NOT SHOWN.
12. NO SPRINKLER HEAD OR DIFFUSER POSITION EXISTS IN THE MODEL (ARC-SPK, ARC-DIF); NONE IS DRAWN. THE FIRE PROTECTION DESIGNER AND MECHANICAL ENGINEER SET THESE POSITIONS.
13. 45 ROOM(S) UNDER 40 SF OMIT A TEXT TAG; THEIR HEIGHT REMAINS THE HEIGHT OF THE HELD ROOM CEILING RECORD.

1 REFLECTED CEILING PLAN, L3 (L4 IDENTICAL)

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. CEILINGS: SPECIFIED IN SECTION 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	1/8"
Phase	CONSTRUCTION DOCUMENTS

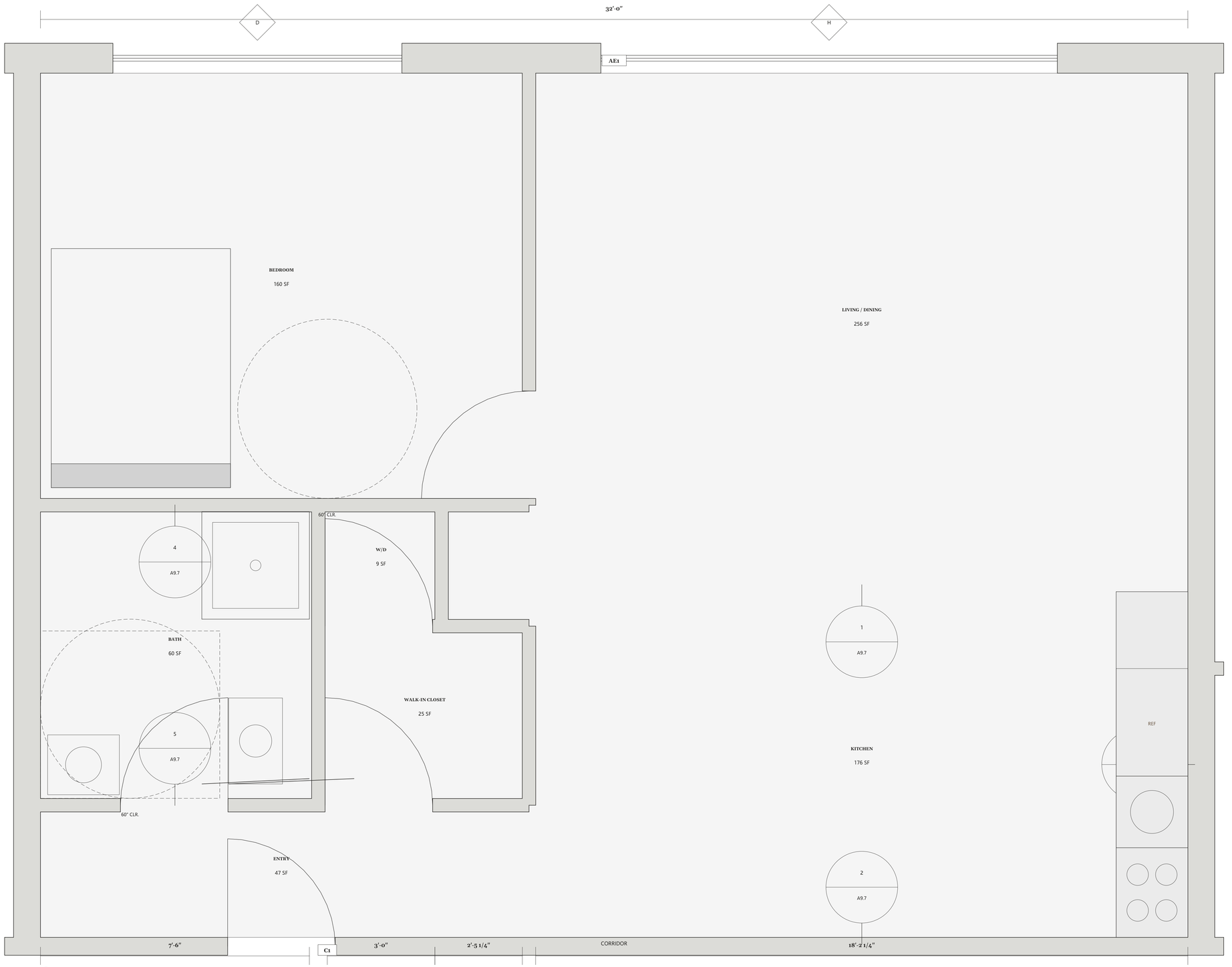
OPEN ISSUE

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

LEVEL L3, L4 REFLECTED CEILING PLAN

SHEET

A1.08



1 UNIT TYPE 1BR

SCALE: 3/4" = 1'-0"

0' 1' 2' 3' 4'

772 NET SF
NOT IN THE MODEL: LOOSE FURNITURE, WASHER/DRYER

UNIT-LOCAL VIEW; SEE THE LEVEL PLAN FOR ORIENTATION

ACCESSIBILITY STUDY LAYOUT; REVIEW REQUIRED

SHEET NOTES

1. WINDOWS D, H: SPECIFIED IN SECTION 08 54 13.
2. ASSEMBLIES AE1, C1: 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

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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	3/4"
Phase	CONSTRUCTION DOCUMENTS

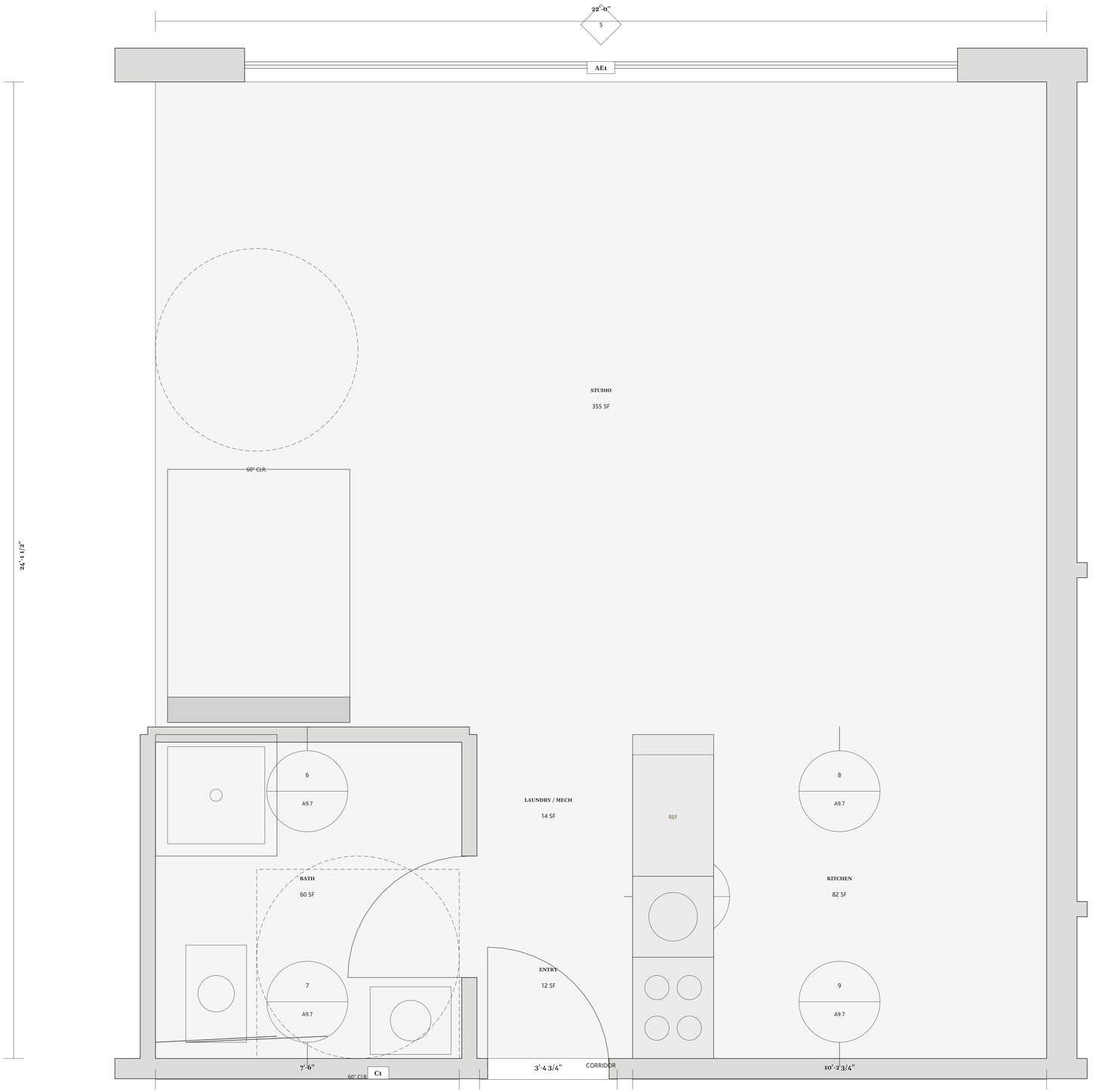
OPEN ISSUE

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

ENLARGED UNIT PLANS — TYPE 1BR (772 SF)

SHEET

A1.09



1 UNIT TYPE ST

SCALE: 3/4" = 1'-0"

0' 1' 2' 3' 4'

531 NET SF
NOT IN THE MODEL: LOOSE FURNITURE, WASHER/DRYER

UNIT-LOCAL VIEW; SEE THE LEVEL PLAN FOR ORIENTATION

ACCESSIBILITY STUDY LAYOUT; REVIEW REQUIRED

SHEET NOTES

1. WINDOWS S: SPECIFIED IN SECTION 08 54 13.
2. ASSEMBLIES AE1, C1: 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

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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	3/4"
Phase	CONSTRUCTION DOCUMENTS

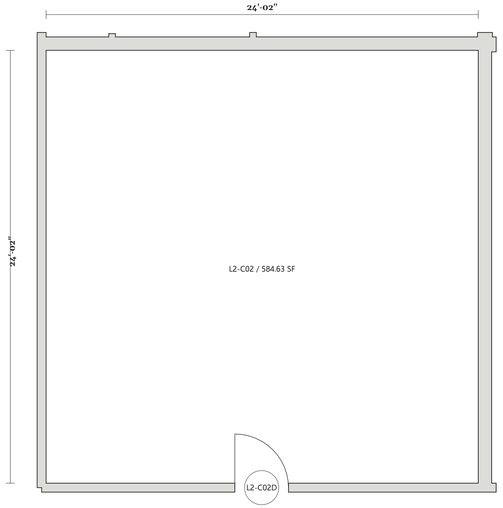
OPEN ISSUE

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

ENLARGED UNIT PLANS — TYPE ST (531 SF)

SHEET

A1.10

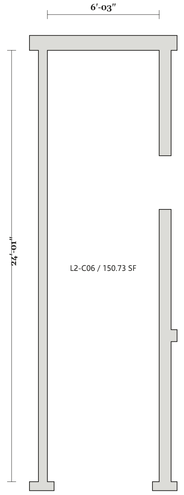


1 RESIDENT WORKROOM

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

0' 2.5' 5' 7.5' 10'

1. SOURCE ROOM L2-C02; OTHER LEVEL IDENTITIES ARE SHOWN ON THEIR FLOOR PLANS.
2. FURNITURE AND EQUIPMENT NOT PROVIDED; THE ARCHITECT MUST COMPLETE THE ROOM DESIGN.
3. INTERNAL SHARED WORKROOM; BORROWED LIGHT IS STUDY INTENT, NOT CODE ACCEPTANCE. DAYLIGHT AND VENTILATION DESIGN BY THE ARCHITECT AND MECHANICAL ENGINEER.

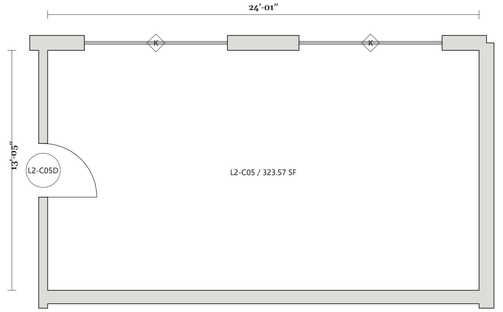


2 COMMON SERVICES HALL

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

0' 2.5' 5' 7.5' 10'

1. SOURCE ROOM L2-C06; OTHER LEVEL IDENTITIES ARE SHOWN ON THEIR FLOOR PLANS.
2. FURNITURE AND EQUIPMENT NOT PROVIDED; THE ARCHITECT MUST COMPLETE THE ROOM DESIGN.
3. NO DAYLIGHT CLAIM; ROOM USE AND VENTILATION REQUIRE PROFESSIONAL REVIEW. DAYLIGHT AND VENTILATION DESIGN BY THE ARCHITECT AND MECHANICAL ENGINEER.

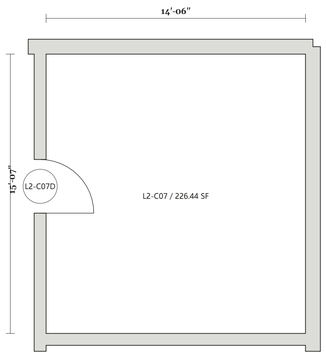


5 SHARED LAUNDRY ROOM

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

0' 2.5' 5' 7.5' 10'

1. SOURCE ROOM L2-C05; OTHER LEVEL IDENTITIES ARE SHOWN ON THEIR FLOOR PLANS.
2. FURNITURE AND EQUIPMENT NOT PROVIDED; THE ARCHITECT MUST COMPLETE THE ROOM DESIGN.
3. TWO AUTHORED NORTH-FACING LAUNDRY WINDOWS; PRODUCT, GLAZING PERFORMANCE AND OPENING PROTECTION REMAIN UNSELECTED. DAYLIGHT AND VENTILATION DESIGN BY THE ARCHITECT AND MECHANICAL ENGINEER.

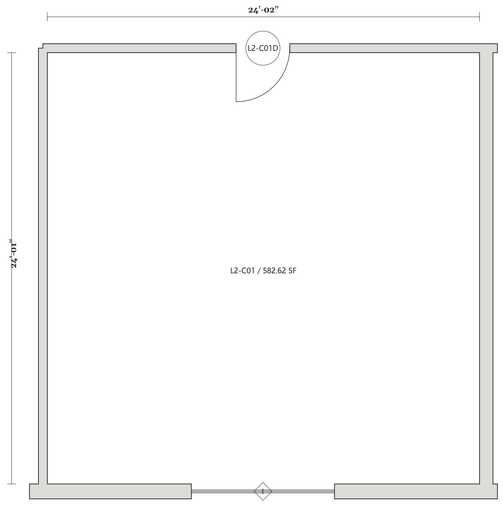


4 BUILDING SERVICES ROOM

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

0' 2.5' 5' 7.5' 10'

1. SOURCE ROOM L2-C07; OTHER LEVEL IDENTITIES ARE SHOWN ON THEIR FLOOR PLANS.
2. FURNITURE AND EQUIPMENT NOT PROVIDED; THE ARCHITECT MUST COMPLETE THE ROOM DESIGN.
3. NO DAYLIGHT CLAIM; ROOM USE AND VENTILATION REQUIRE PROFESSIONAL REVIEW. DAYLIGHT AND VENTILATION DESIGN BY THE ARCHITECT AND MECHANICAL ENGINEER.



3 RESIDENT LOUNGE

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

0' 2.5' 5' 7.5' 10'

1. SOURCE ROOM L2-C01; OTHER LEVEL IDENTITIES ARE SHOWN ON THEIR FLOOR PLANS.
2. FURNITURE AND EQUIPMENT NOT PROVIDED; THE ARCHITECT MUST COMPLETE THE ROOM DESIGN.
3. AUTHORED SOUTH-FACING WINDOW; GLAZING PERFORMANCE UNSELECTED. DAYLIGHT AND VENTILATION DESIGN BY THE ARCHITECT AND MECHANICAL ENGINEER.

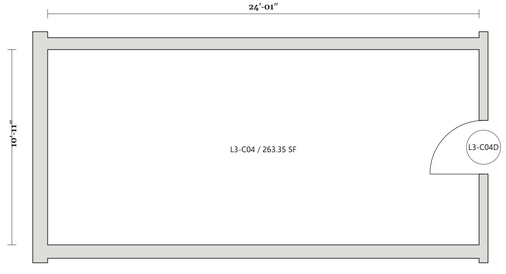


6 RESIDENT READING ROOM

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

0' 2.5' 5' 7.5' 10'

1. SOURCE ROOM L2-C03; OTHER LEVEL IDENTITIES ARE SHOWN ON THEIR FLOOR PLANS.
2. FURNITURE AND EQUIPMENT NOT PROVIDED; THE ARCHITECT MUST COMPLETE THE ROOM DESIGN.
3. AUTHORED WEST-FACING WINDOW; GLAZING PERFORMANCE UNSELECTED. DAYLIGHT AND VENTILATION DESIGN BY THE ARCHITECT AND MECHANICAL ENGINEER.



7 RESIDENT STORAGE

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

0' 2.5' 5' 7.5' 10'

1. SOURCE ROOM L3-C04; OTHER LEVEL IDENTITIES ARE SHOWN ON THEIR FLOOR PLANS.
2. FURNITURE AND EQUIPMENT NOT PROVIDED; THE ARCHITECT MUST COMPLETE THE ROOM DESIGN.
3. NO DAYLIGHT CLAIM; ROOM USE AND VENTILATION REQUIRE PROFESSIONAL REVIEW. DAYLIGHT AND VENTILATION DESIGN BY THE ARCHITECT AND MECHANICAL ENGINEER.

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. DOORS (6 TAGGED); SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.
2. WINDOWS I, J, K: SPECIFIED IN SECTION 08 54 13.

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

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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	1/4"
Phase	CONSTRUCTION DOCUMENTS

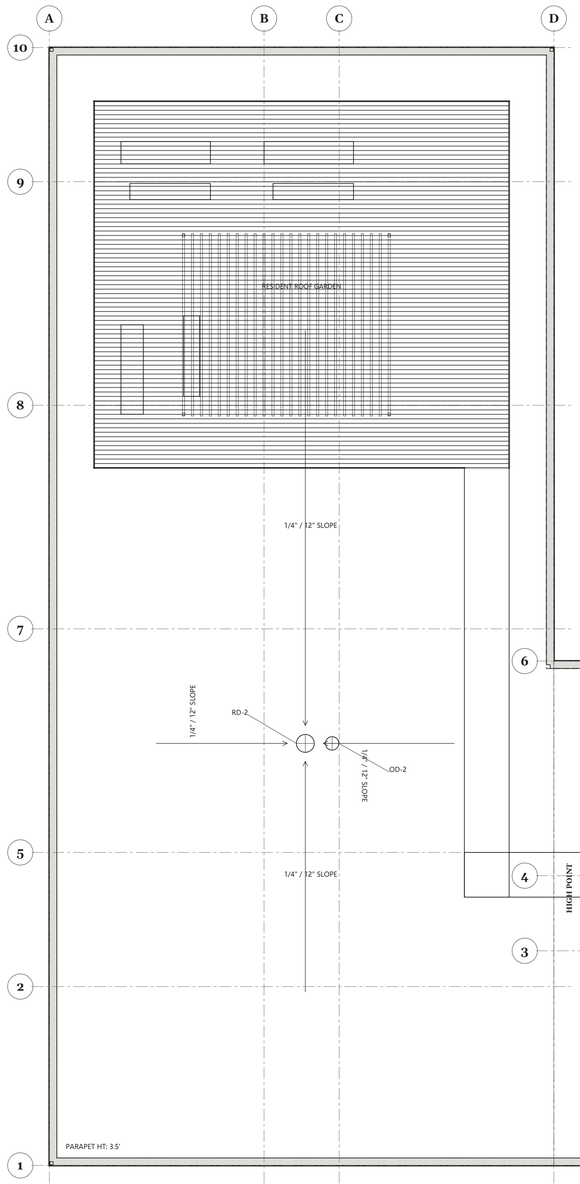
OPEN ISSUE

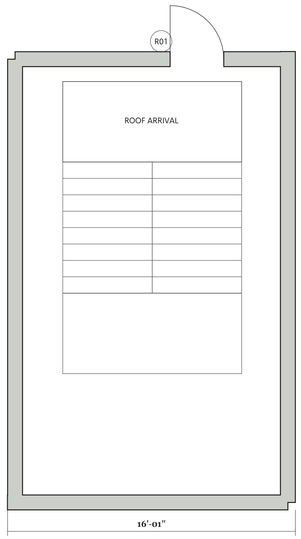
The set's open issue is stated on the cover, G0.01.

ENLARGED SHARED ROOM PLANS

SHEET

A1.11

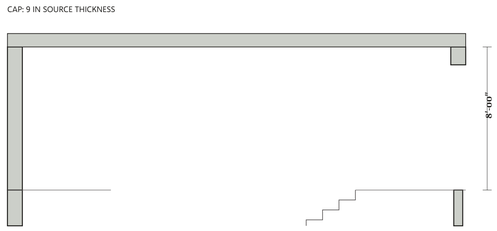




1 ROOF ACCESS PLAN

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

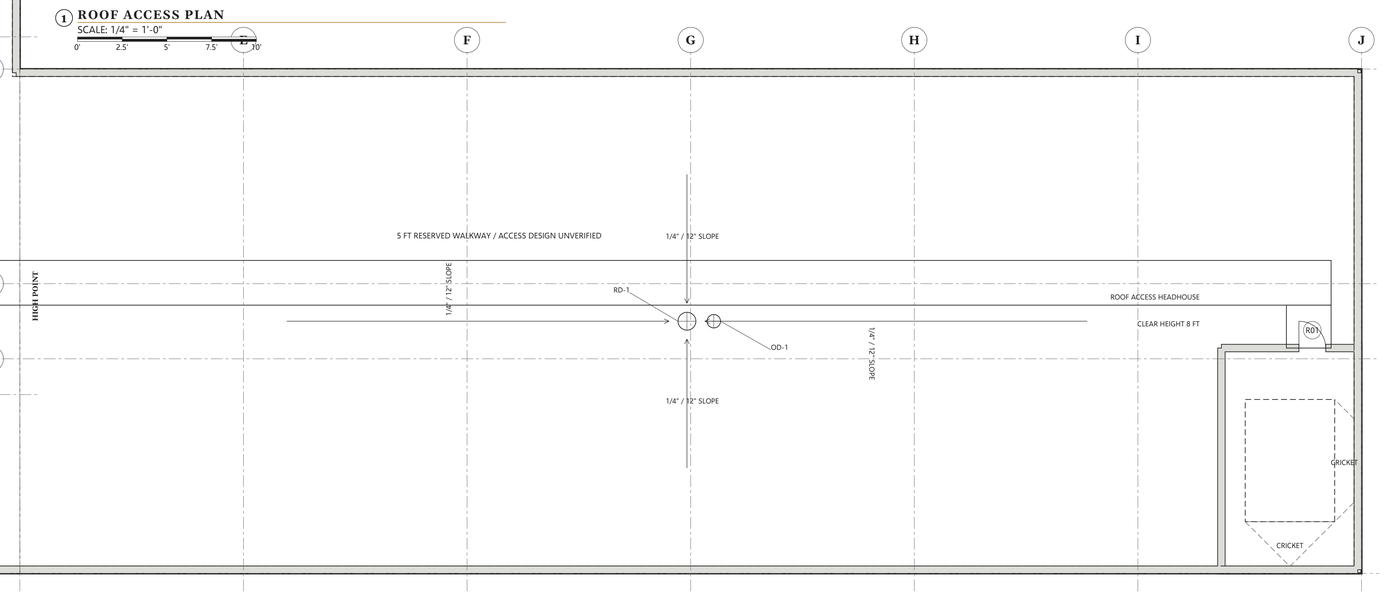
0' 2.5' 5' 7.5' 10'



2 ROOF ARRIVAL SECTION

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

0' 2.5' 5' 7.5' 10'



ROOF DRAIN AND SECONDARY DRAIN SIZES: NOT PROVIDED — BY OTHERS (NO SITE RAINFALL RATE)

OD: SECONDARY ROOF DRAIN, OPSC 2026 SECTION 1101.12.2.2

3 ROOF PLAN

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'



PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. ROOFING: SPECIFIED IN SECTION 07 52 00.
2. DOORS (1 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.

KEYNOTES

1. ROOF EQUIPMENT AND VENT LOCATIONS: NOT PROVIDED — BY OTHERS. COORDINATE WITH THE SERVICES DESIGNER.
2. STUDY ENCLOSURE VOLUME ONLY; STRUCTURE, FIRE PERFORMANCE, ROOF SLOPE, DRAINAGE, FLASHING AND PRODUCT SELECTION REQUIRE DESIGN. THE PROJECT ARCHITECT AND ENGINEER MUST RESOLVE THESE ITEMS.
3. ROOF DRAINS, OVERFLOWS, CRICKETS AND SLOPES ARE GENERATED STUDY LAYOUTS. THE ROOF DESIGNER AND PLUMBING ENGINEER MUST VERIFY LOCATIONS, SLOPES AND CAPACITY.

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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

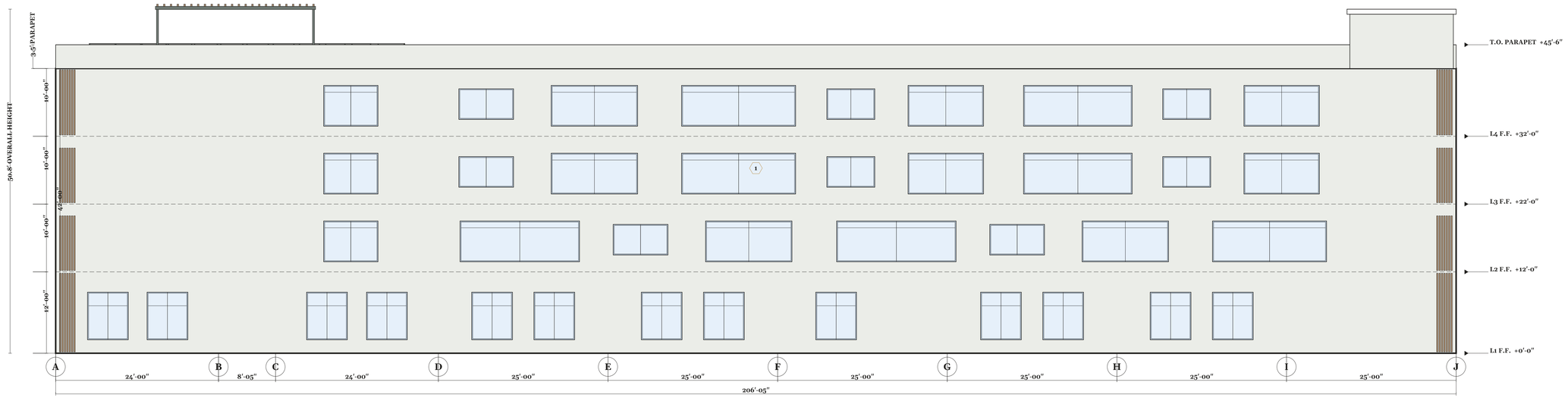
OPEN ISSUE

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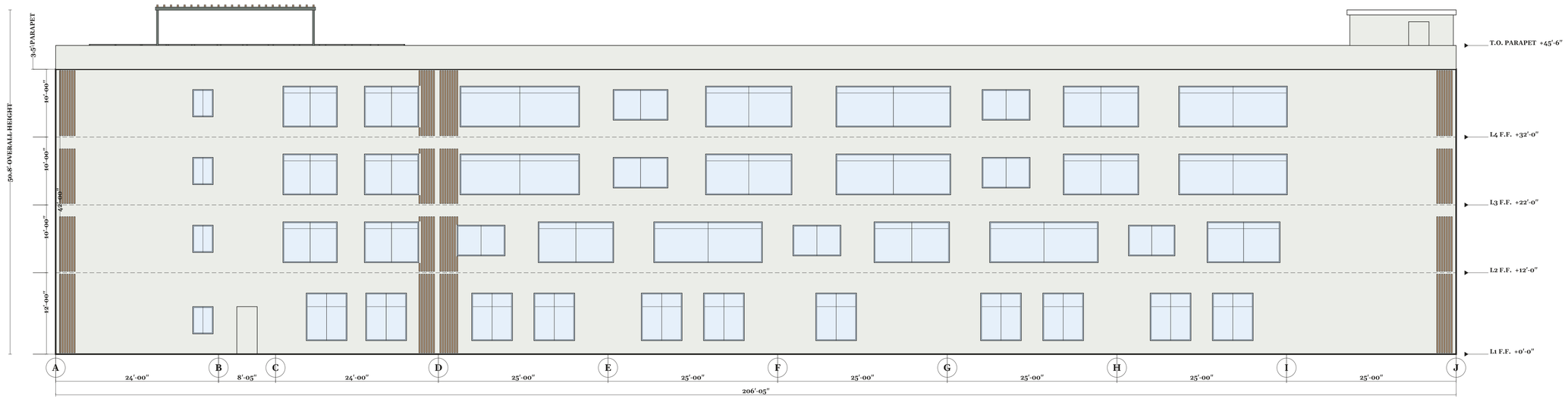
ROOF PLAN

SHEET

A2.1



1 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'



3 NORTH ELEVATION
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'

SHEET NOTES

1. WINDOWS: SPECIFIED IN SECTION 08 54 13.

KEYNOTES

1. FIBER-CEMENT PANEL; ASSEMBLY AE1, WALL TYPE EW-1. JOINT LAYOUT UNSELECTED.
2. GRADE / T.O. PLATE: NOT PROVIDED — BY OTHERS. VERIFY WITH PROJECT ARCHITECT.

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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

SOUTH & NORTH ELEVATIONS

SHEET

A3.1



2 WEST ELEVATION

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'



4 EAST ELEVATION

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

SHEET NOTES

1. WINDOWS: SPECIFIED IN SECTION 08 54 13.

KEYNOTES

1. FIBER-CEMENT PANEL; ASSEMBLY AE1, WALL TYPE EW-1. JOINT LAYOUT UNSELECTED.
2. GRADE / T.O. PLATE: NOT PROVIDED — BY OTHERS. VERIFY WITH PROJECT ARCHITECT.

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

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PROJECT

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

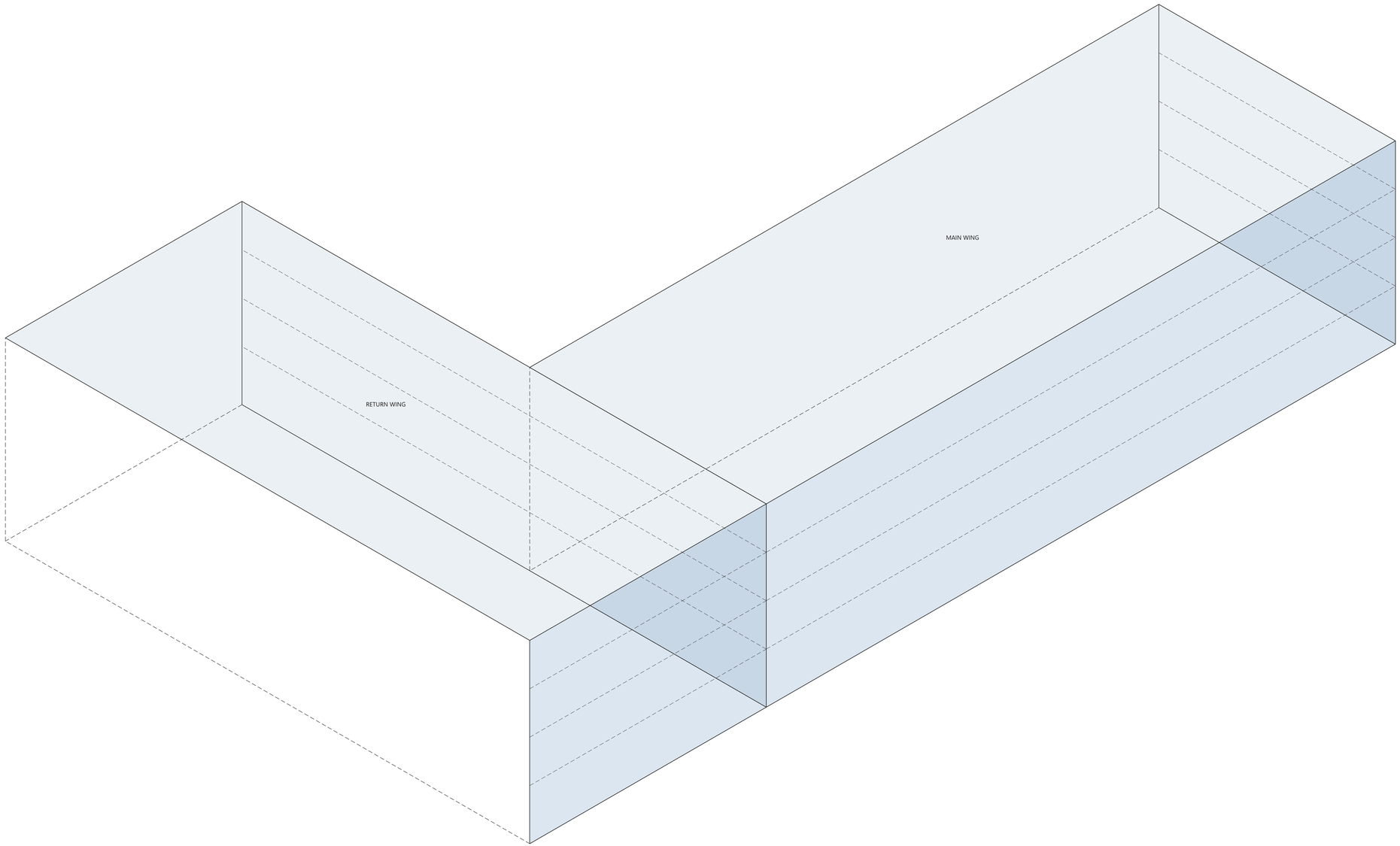
OPEN ISSUE

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

WEST & EAST ELEVATIONS

SHEET

A3.2



AXONOMETRIC VIEW -- NOT TO SCALE

30-DEGREE ISOMETRIC PROJECTION

1 BUILDING MASSING -- AXONOMETRIC
SCALE: NTS

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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ARCHITECTURE.ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

MARK	DATE	DESCRIPTION

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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 MASSING -- AXONOMETRIC

SHEET

A3.4

1 ENTRY AND ENVELOPE DETAILS

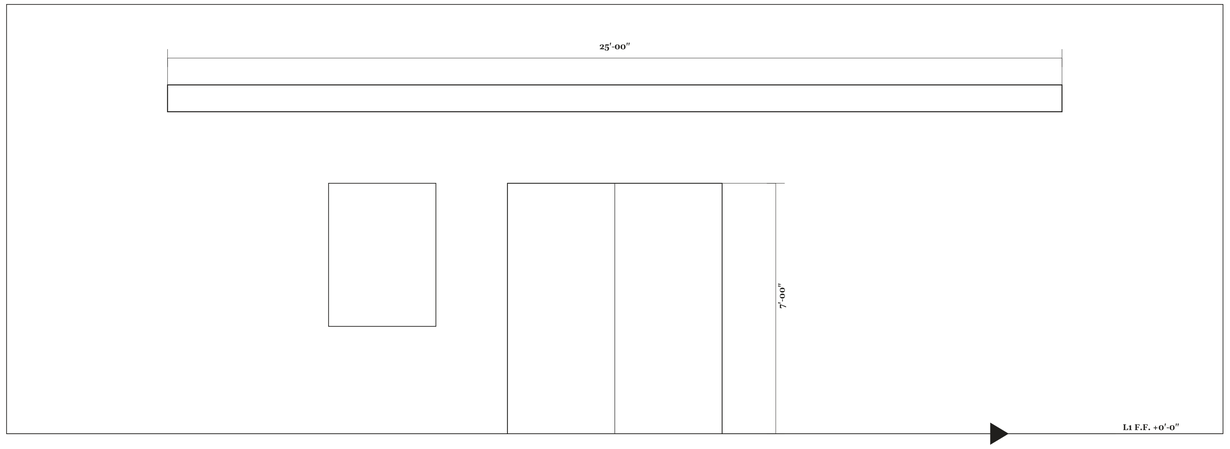
SCALE: 1/2" = 1'-0"

0' 1' 2' 3' 4'

HOST FACADE: CROPPED SOURCE PROJECTION

CANOPY VOLUME FROM ELEMENT RECORD; STRUCTURE BY OTHERS

CANOPY: 25 FT WIDE, 8 FT PROJECTION



1 A3.5

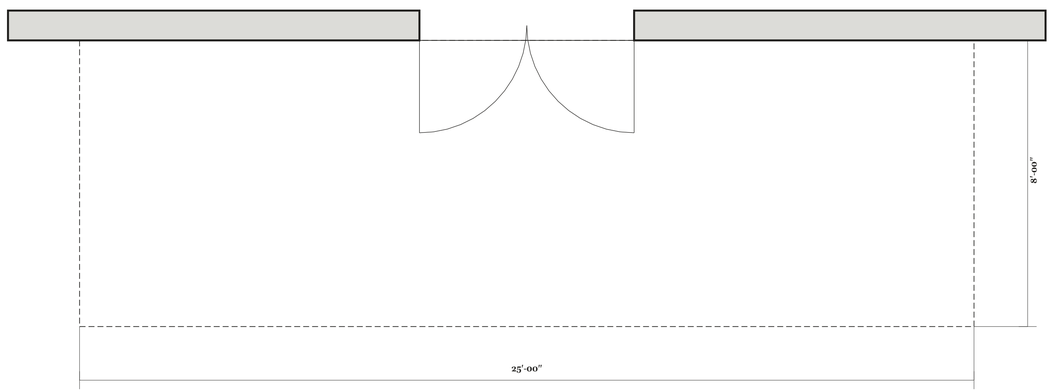
MAIN BUILDING ENTRY

EAST FACE, CENTER 28.2 FT

ADA RAMP / LANDING, STEPS AND SIGNAGE GEOMETRY

NOT PROVIDED — BY OTHERS

MAIN ENTRY CANOPY PLAN



SOURCE MATERIAL PALETTE / NTS

FIBER-CEMENT PANEL

Study panel rainscreen; product and finish unselected

Opaque exterior walls

GLAZING

Opening geometry only; glass and thermal properties unselected

Windows

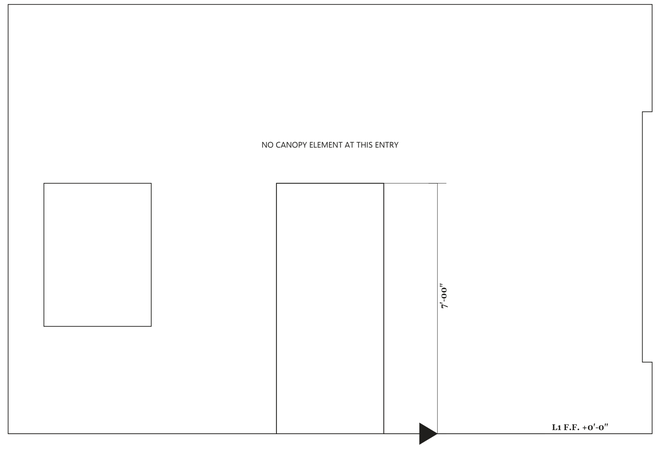
CANOPY

Study canopy volume; structure and finish unselected

Main entry

HOST FACADE: CROPPED SOURCE PROJECTION

NO CANOPY ELEMENT AT THIS ENTRY



2 A3.5

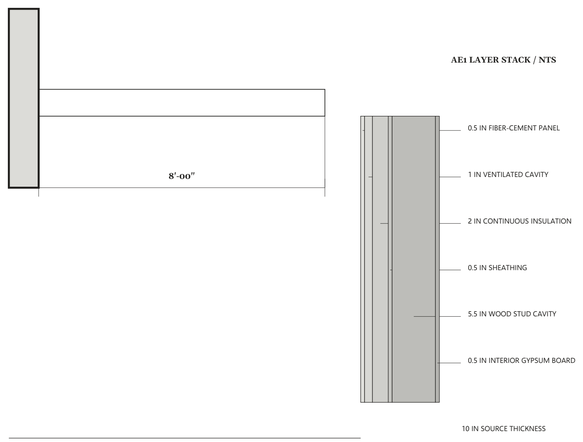
SERVICE ENTRY

NORTH FACE, CENTER 28.2 FT

ADA RAMP / LANDING, STEPS AND SIGNAGE GEOMETRY

NOT PROVIDED — BY OTHERS

CANOPY SECTION AT ENTRY



AE1 LAYER STACK / NTS

CANOPY CONNECTION AND SUPPORT DESIGN BY OTHERS

GRADE AT ENTRY

NOT PROVIDED — BY OTHERS

T.O. PLATE AT ENTRY

NOT PROVIDED — BY OTHERS

ROOF / T.O. PARAPET +45'-6" (REFERENCE, BEYOND THIS VIEW)

SHEET NOTES

1. ASSEMBLIES AE1: 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	1/2"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

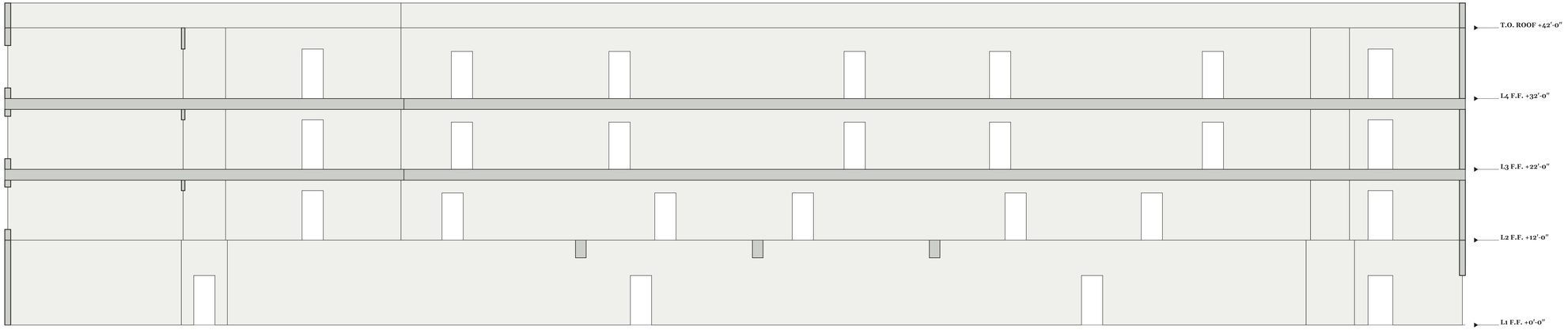
The set's open issue is stated on the cover, G0.01.

ENTRY AND ENVELOPE DETAILS

SHEET

A3.5

SECTION AT Y = 28.20 FT / seg-main

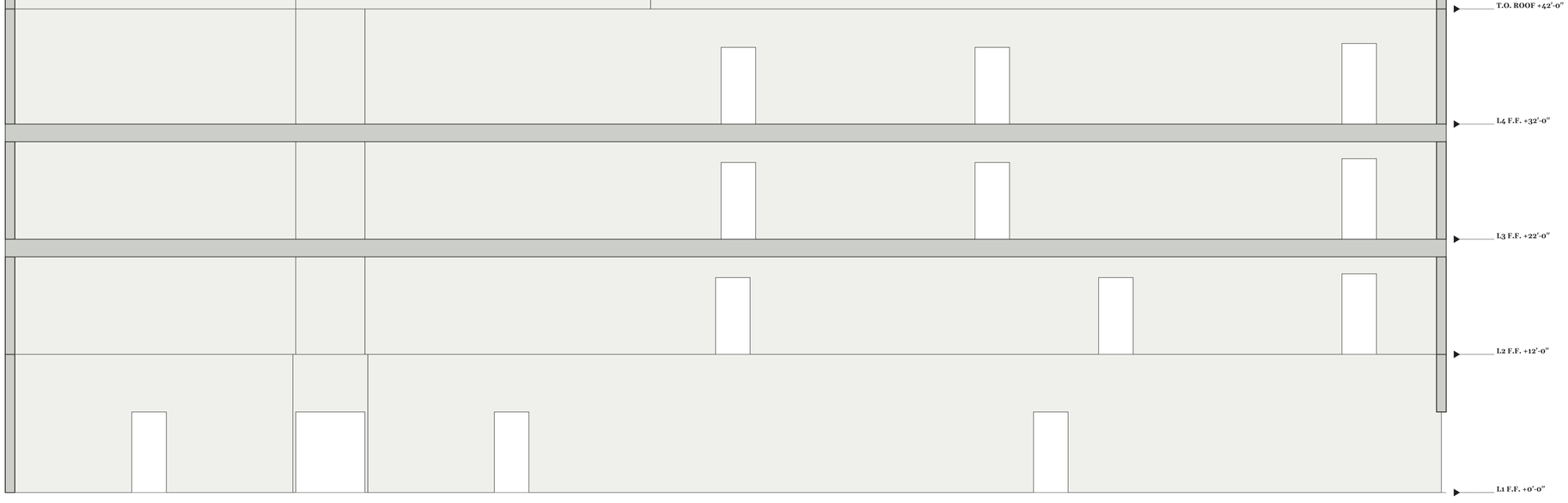


② EAST-WEST BUILDING SECTION

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

SECTION AT X = 28.20 FT / seg-return



① NORTH-SOUTH BUILDING SECTION

SCALE: 3/16" = 1'-0"

0' 4' 8' 12' 16'

CUT ELEMENTS AND LIGHT PROJECTED FACES FROM THE MODEL. UNKNOWN SLAB THICKNESS IS A LINE. T.O. PLATE AND GRADE: NOT PROVIDED.

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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

OPEN ISSUE

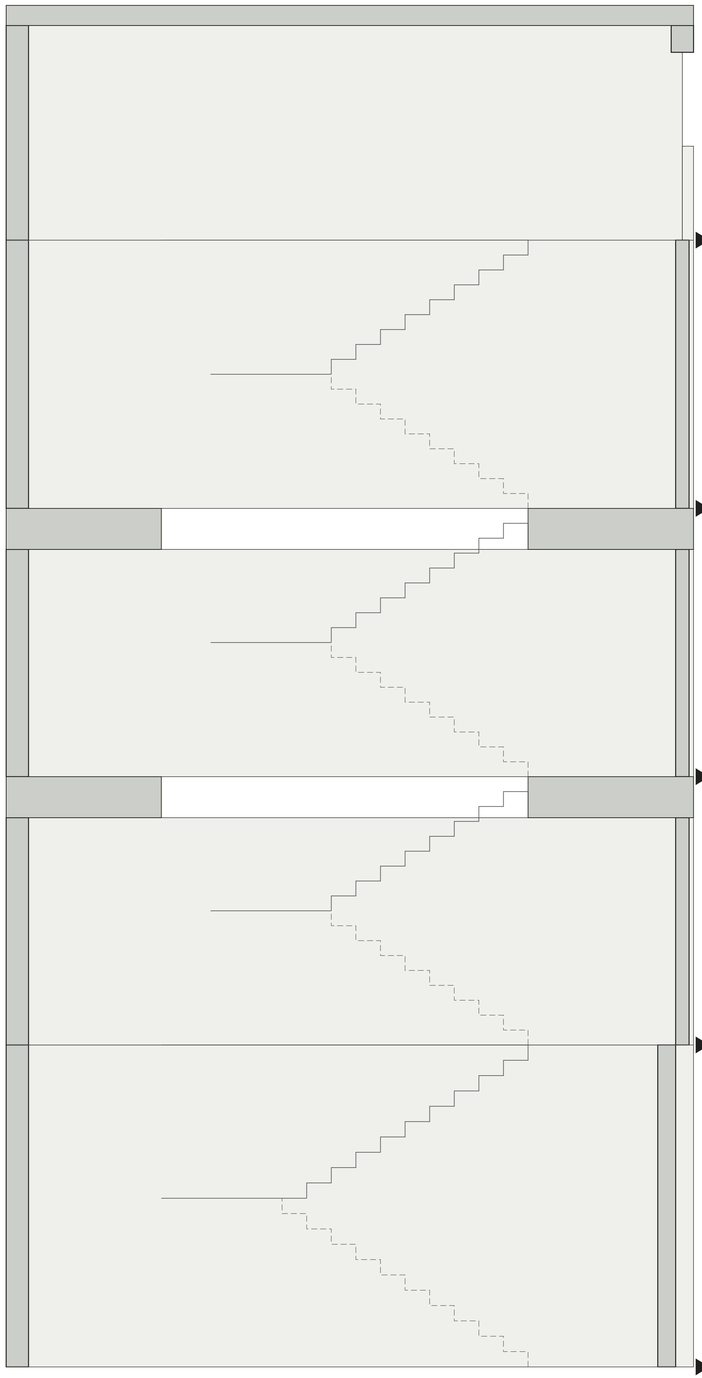
The set's open issue is stated on the cover, G0.01.

BUILDING SECTIONS

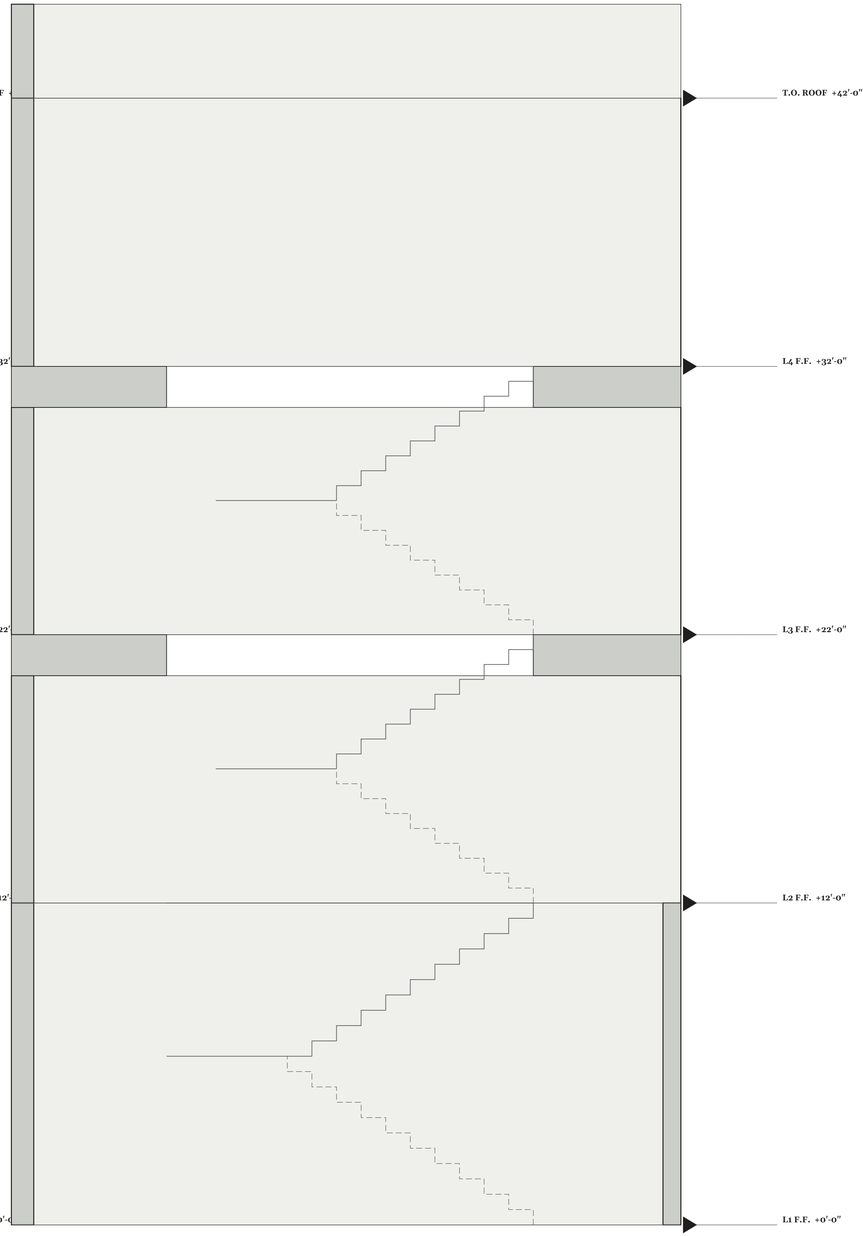
SHEET

A4.1

core-A / SECTION AT X = 200.90 FT



core-B / SECTION AT Y = 120.50 FT



1 STAIR TOWER 1 SECTION

SCALE: 3/8" = 1'-0"

0' 2' 4' 6' 8'

Cut walls and slabs are source geometry. Light faces and dashed flight are beyond the cut. Stair structure and finishes are not modeled.

2 STAIR TOWER 2 SECTION

SCALE: 3/8" = 1'-0"

0' 2' 4' 6' 8'

Cut walls and slabs are source geometry. Light faces and dashed flight are beyond the cut. Stair structure and finishes are not modeled.

T.O. PLATE AND GRADE: NOT PROVIDED. ELEVATOR CABIN, EQUIPMENT, PIT STRUCTURE AND OVERHEAD EQUIPMENT ARE NOT MODELED.

SHEET NOTES

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

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
MECHANICAL	NOT PROVIDED — BY OTHERS
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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	3/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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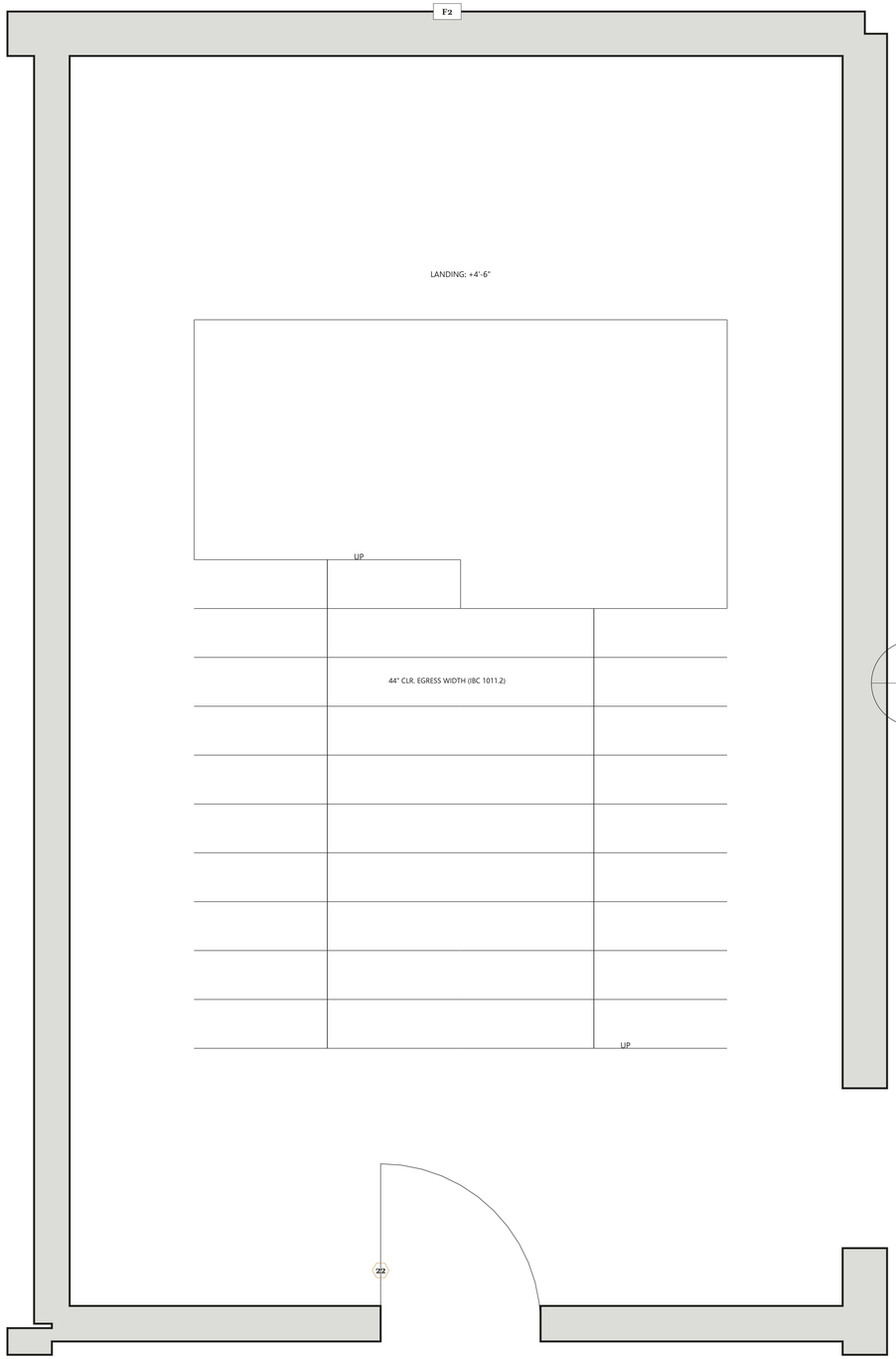
STAIR TOWER SECTIONS

SHEET

A4.3

2-HR RATED ENCLOSURE PER IBC 1023

STAIR PLAN: L1 TO L2



EGRESS DIRECTION

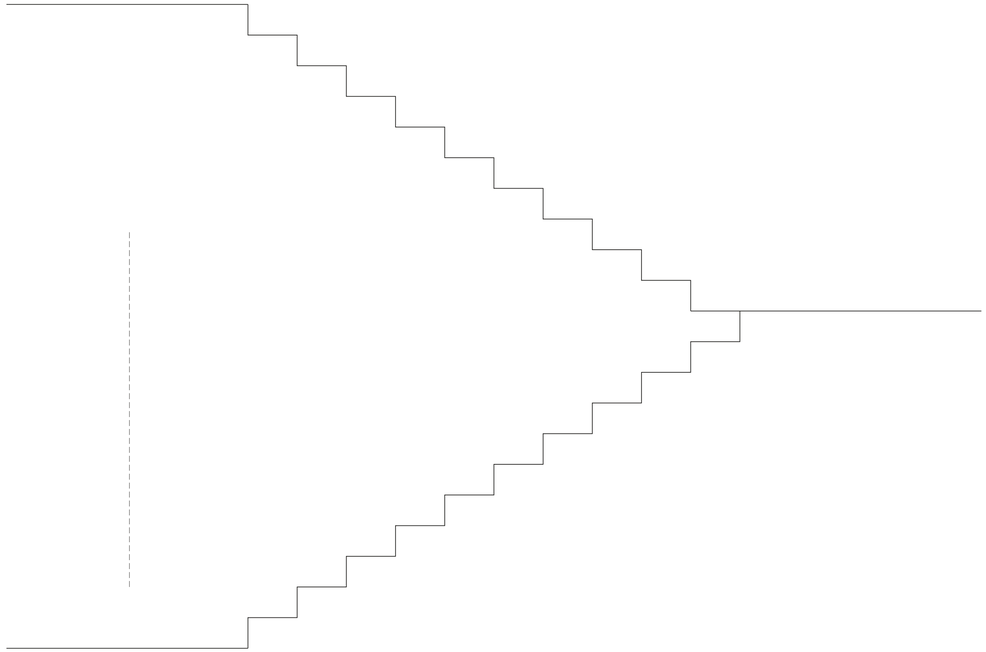
19 TREADS / 21 RISERS THIS STOREY

STAIR WIDTH: 10'-0"

1 STAIR 1 PLAN

SCALE: 3/4" = 1'-0"

0' 1' 2' 3' 4'



HANDRAIL 34"-38" AFF (IBC 1014)

GUARD RAIL 42" MIN. (IBC 1015)

80" MIN. HEADROOM (IBC 1011.3)

TREAD: 11" (11" MIN. PER OSSC 1011.5.2)

RISER: 6.9" x 21, THIS STOREY (7.00" MAX. PER OSSC 1011.5.2)

2 STAIR 1 SECTION

SCALE: 3/4" = 1'-0"

0' 1' 2' 3' 4'

STAIR CONSTRUCTION NOTES

3 1-1/2" DIA. HANDRAIL, 34"-38" AFF, RETURNS TO WALL (IBC 1014)

3 42" GUARD W/ 4" MAX. SPHERE BALUSTERS (IBC 1015)

46 ACOUSTIC + RATED ASSEMBLY AT SHAFT WALLS

28 FIRESTOP ALL PENETRATIONS THROUGH RATED ENCLOSURE

RAILING PLAN: CONTINUOUS HANDRAIL BOTH SIDES; 12" HORIZ. EXTENSION AT TOP, ONE TREAD DEPTH + 12" AT BOTTOM (IBC 1014.6).

NO SMOKEPROOF ENCLOSURE OR STAIR PRESSURIZATION REQ'D: L4 IS 41.58 FT ABOVE THE LOWEST ADJACENT GRADE; OSSC 2022 403.5.4 APPLIES TO A FLOOR MORE THAN 75 FT ABOVE FIRE DEPT. ACCESS (MEP-SMK-PRESS)

SHEET NOTES

1. ASSEMBLIES F2: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.

KEYNOTES

1. PROVIDE BLOCKING AS REQUIRED FOR MOUNTING: SECTION 06 10 00
2. PROVIDE TACTILE SIGNAGE PER ADA: SECTION 10 14 00
3. FIRESTOP SEALANT AT PENETRATION - UL LISTED: SECTION 07 84 00
4. ACOUSTIC INSULATION IN RATED/SOUND WALLS: SECTION 07 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

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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	3/4"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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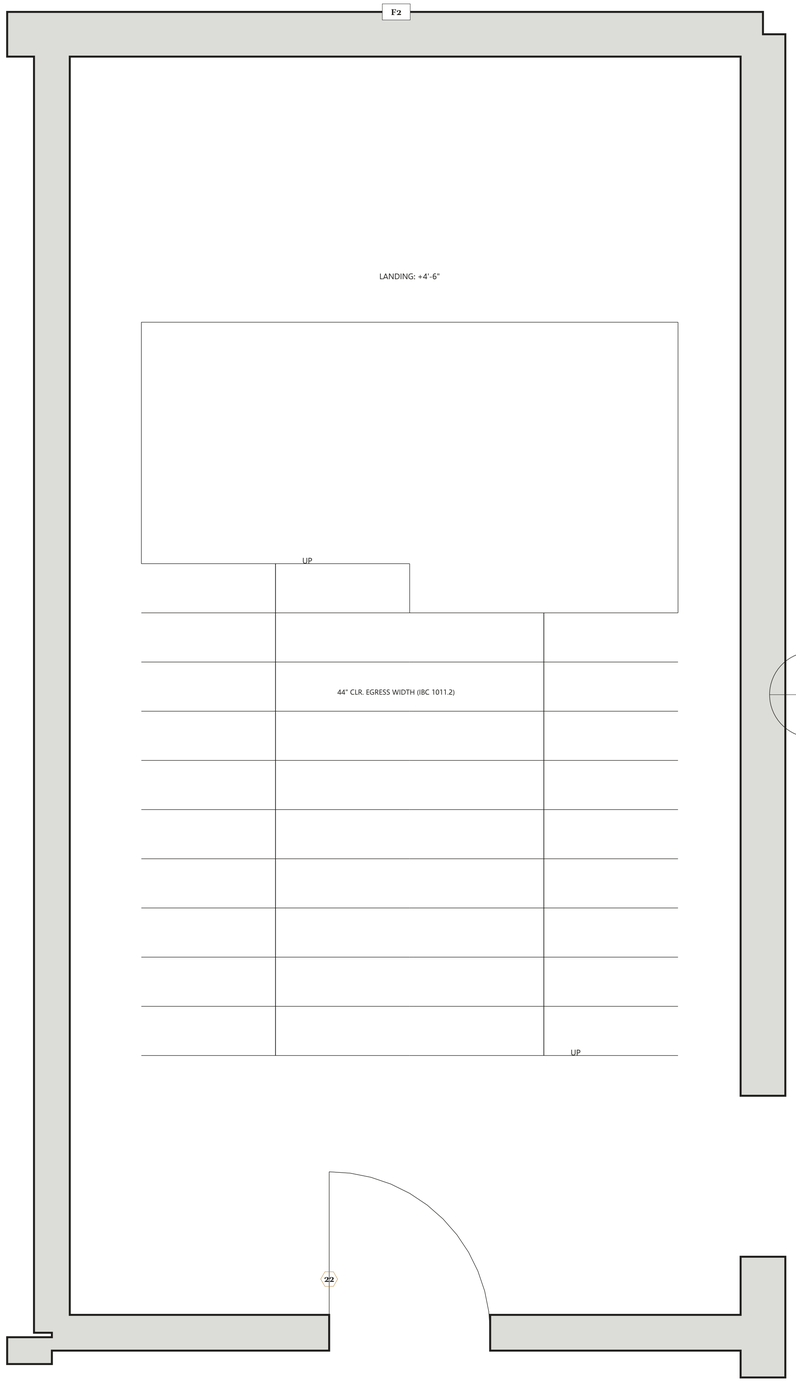
STAIR DETAIL

SHEET

A4.5

2-HR RATED ENCLOSURE PER IBC 1023

STAIR PLAN: L1 TO L2



EGRESS DIRECTION

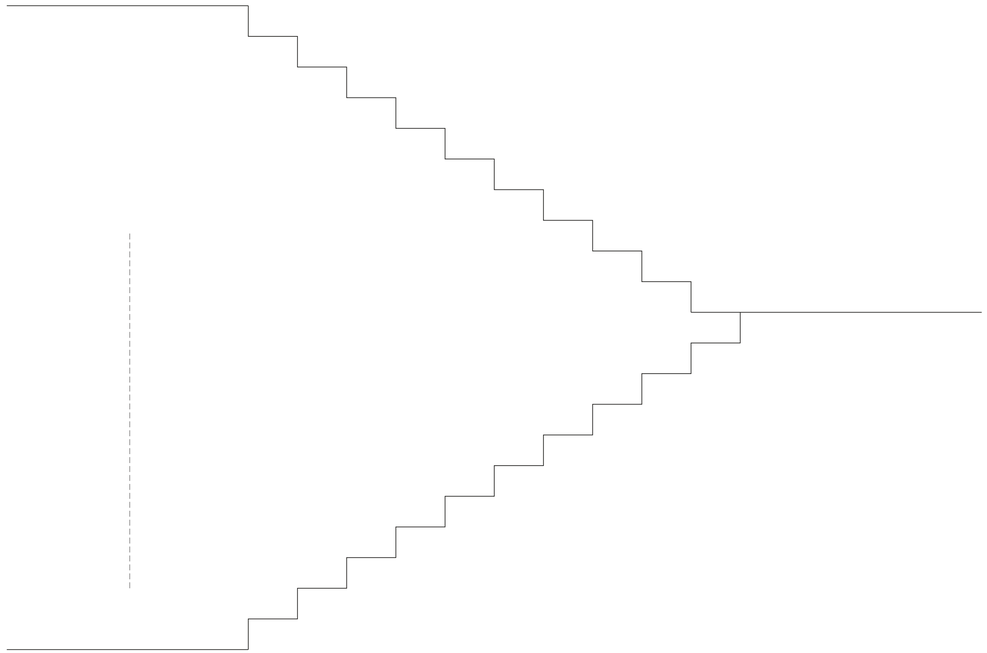
19 TREADS / 21 RISERS THIS STOREY

STAIR WIDTH: 10'-0"

1 STAIR 2 PLAN

SCALE: 3/4" = 1'-0"

0' 1' 2' 3' 4'



HANDRAIL 34"-38" AFF (IBC 1014)

GUARD RAIL 42" MIN. (IBC 1015)

80" MIN. HEADROOM (IBC 1011.3)

TREAD: 11" (11" MIN. PER OSSC 1011.5.2)

RISER: 6.9" x 21, THIS STOREY (7.00" MAX. PER OSSC 1011.5.2)

2 STAIR 2 SECTION

SCALE: 3/4" = 1'-0"

0' 1' 2' 3' 4'

STAIR CONSTRUCTION NOTES

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SHEET NOTES

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KEYNOTES

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NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
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ELECTRICAL	NOT PROVIDED — BY OTHERS
LANDSCAPE	NOT PROVIDED — BY OTHERS
FIRE PROTECTION	NOT PROVIDED — BY OTHERS
GEOTECHNICAL	NOT PROVIDED — BY OTHERS

REVIEW

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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	3/4"
Phase	CONSTRUCTION DOCUMENTS

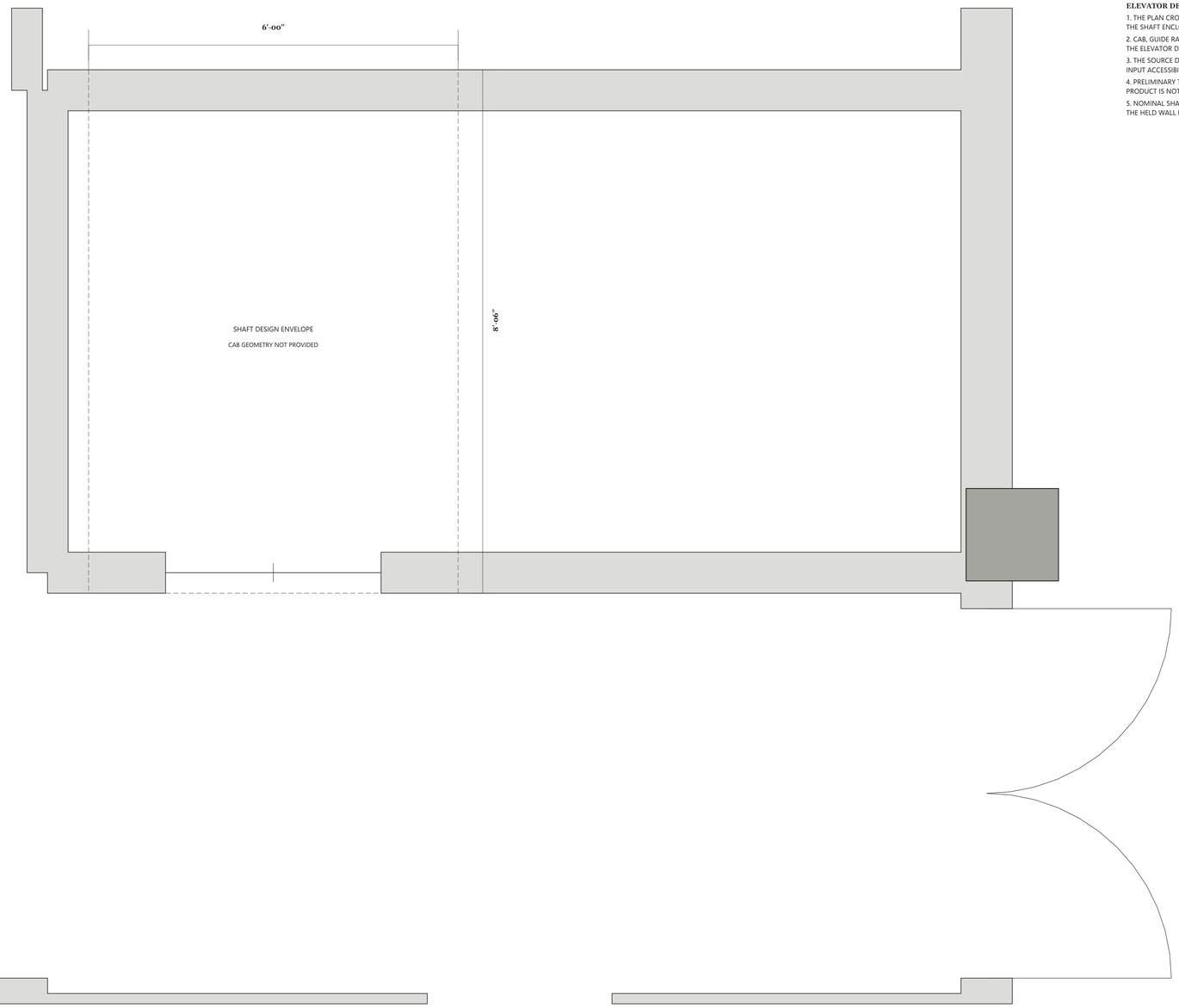
OPEN ISSUE

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

STAIR DETAIL

SHEET

A4.6



ELEVATOR DESIGN SCOPE

1. THE PLAN CROP USES HELD WALLS AND THE SLIDING LANDING DOOR. THE ARCHITECT MUST VERIFY THE SHAFT ENCLOSURE AND LANDING CLEARANCES.

2. CAB, GUIDE RAILS, CALL BUTTONS, SMOKE CURTAIN AND CONTROL EQUIPMENT ARE NOT PROVIDED. THE ELEVATOR DESIGNER MUST COMPLETE THEIR DESIGN.

3. THE SOURCE DECLARES A MACHINE-ROOM-LESS PASSENGER CAR. THE ARCHITECT MUST VERIFY ITS INPUT ACCESSIBILITY FLAG; NO ACCESSIBILITY ACCEPTANCE IS REPRESENTED.

4. PRELIMINARY TRAFFIC AND PUBLISHED PRODUCT COMPARISONS ARE ON A4.8. THE COMPARISON PRODUCT IS NOT SELECTED EQUIPMENT.

5. NOMINAL SHAFT DIMENSIONS COME FROM THE CORE RECORD. THE ARCHITECT MUST COORDINATE THE HELD WALL FACES WITH THE ELEVATOR DESIGNER BEFORE PRODUCT SELECTION.

1 L1 SOURCE SHAFT AND LANDING

SCALE: 1" = 1'-0"

0' 1' 2' 3' 4'

SOURCE LANDING OPENINGS

LEVEL	MARK	HELD OPENING	OPERATION
L1	100L1	3.5 x 7 FT	SLIDING_TO_SIDES
L2	200L1	3.5 x 7 FT	SLIDING_TO_SIDES
L3	300L1	3.5 x 7 FT	SLIDING_TO_SIDES
L4	400L1	3.5 x 7 FT	SLIDING_TO_SIDES

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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ARCHITECTUREENGINEERING — 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	1"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

ELEVATOR DETAIL

SHEET

A4.7

UP-PEAK TRAFFIC, CIBSE GUIDE D 2020 EQUATION 3.6 AND TABLE 3.5

ITEM	VALUE	BASIS	RECORD
POPULATION ABOVE THE MAIN TERMINAL	75.9 PERSONS	46 UNITS ON 3 FLOORS ABOVE L1, CIBSE NORMAL FACTORS	ACC-VT-POP
RATED SPEED	1.00 M/S (200 FPM)	9.75 M OVER THE 30 S RESIDENTIAL TRAVEL TIME	ACC-VT-SPD
ROUND TRIP TIME	75.9 S	PETERS (2000) EQ. (9), 8-PERSON 2,500 LB CAR	ACC-VT-RTT
UP-PEAK INTERVAL	75.9 S, NOT MET	TARGET 60 S MAX., GUIDE D 2020 TABLE 3.5	ACC-VT-INT
HANDLING CAPACITY	33.3 %, MET	TARGET 6 % MIN. IN 5 MINUTES, TABLE 3.5	ACC-VT-HC
CARS FROM TRAFFIC	2	MEP ENGINE LISTS 1; IBG LAYS OUT 1; ADA-01 REQUIRES 1	ACC-VT-CNT

ROUND TRIP TERMS, PETERS (2000) AND PETERS AND DEAN (2018)

TERM	QUANTITY	VALUE	METHOD	RECORD
N	FLOORS ABOVE THE MAIN TERMINAL	3	IBG LEVELS ABOVE L1	ACC-VT-RTT
UEFF	EFFECTIVE POPULATION	75.9	EQ. (2), SUM OF THE FLOORS	ACC-VT-RTT
CC	RATED CAR CAPACITY	8 PERSONS	2.5787 SQ M AT 0.3 SQ M A PERSON	ACC-VT-RTT
P	AVERAGE PASSENGERS	6.4	EQ. (1), 80 % OF CC	ACC-VT-RTT
H	HIGHEST REVERSAL FLOOR	2.92	EQ. (3)	ACC-VT-RTT
S	PROBABLE STOPS	2.776	EQ. (4)	ACC-VT-RTT
DF	AVERAGE INTERFLOOR DISTANCE	3.2512 M	TRAVEL OVER N	ACC-VT-RTT
TV	TIME PER FLOOR AT RATED SPEED	3.251 S	EQ. (6)	ACC-VT-RTT
TF1	ONE-FLOOR FLIGHT TIME	6.918 S	EQ. (13) WITH A 0.5 S START DELAY	ACC-VT-RTT
TC, TO	DOOR CLOSE, OPEN	4.0 S, 3.0 S	TABLE 6, SIDE OPENING, 1067 MM DOOR	ACC-VT-RTT
TP	PASSENGER TRANSFER	1.3 S	TABLE 3 PLUS 0.3 S RESIDENTIAL	ACC-VT-RTT
TS	TIME LOST PER STOP	10.667 S	EQ. (7) AND (8)	ACC-VT-RTT
RTT	ROUND TRIP TIME	75.9 S	EQ. (9), GUIDE D 2020 EQ. 3.6	ACC-VT-RTT

HOISTWAYS, OTIS GEN3 CORE PUBLISHED DATA AGAINST THE IBG CORE

CAR	CORE	PUBLISHED COMPARISON	HOISTWAY W x D	IBG SHAFT W x D	PIT	OVERHEAD	RECORD
E1	CORE-A	OTIS GEN3 CORE 2,500 LB	8'-8" x 5'-9"	6'-0" x 8'-6", W SHORT 2'-8"	5'-0"	NOT PROVIDED — BY OTHERS	CODE-HW-E1

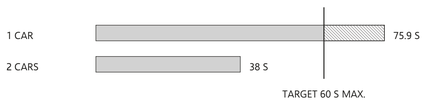
CODE ITEMS, OSSC 2022 CHAPTER 30

ITEM	VALUE	BASIS	RECORD
ELEVATOR CODE	2024 OREGON ELEVATOR SPECIALTY CODE: 2019 ASME A17.1	OSSC 2022 3001.2 TO OAR 918-400-0455	CODE-VT-EDN
CONTROL SPACE (OPTIONAL)	CONTROL CLOSET 5'-9" X 3'-10" OR CONTROL ROOM 5'-9" X 5'-9"	OTIS K; FIRE BARRIERS, OSSC 3005.4	CODE-VT-MCH
STRETCHER CAR	NOT PROVIDED — BY OTHERS	4 STORIES: OSSC 3002.4 APPLIES	CODE-VT-STR

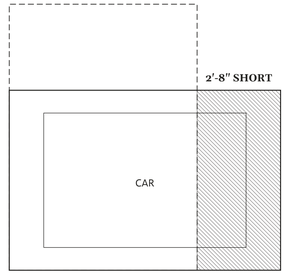
NOTES

1. PRODUCT ROWS ARE PUBLISHED COMPARISONS; EQUIPMENT IS NOT SELECTED. THE ARCHITECT AND ELEVATOR DESIGNER MUST RESOLVE THE REPORTED SHAFT AND TRAFFIC DIFFERENCES.
2. RTT 75.9 S OVER 1 SOURCED CAR (E1). TARGET AT MOST 60 S (GUIDE D 2020 TABLE 3.5, RESIDENTIAL UPPEAK): NOT MET. PETERS AND DEAN RECORD BARNEY'S 66 S TOLERANCE; 60 S IS APPLIED AS THE LIMIT.
3. UPPHC 25.3 PERSONS IN 5 MINUTES OVER U_EFF 75.9. TARGET AT LEAST 6% (GUIDE D 2020 TABLE 3.5, RESIDENTIAL UPPEAK): MET.
4. NO ALLOWANCE FOR LOSSES IS ADDED TO THE ROUND TRIP TIME, AND PETERS (2000)'S CORRECTIONS FOR UNEQUAL FLOOR HEIGHTS AND CARS THAT DO NOT REACH RATED SPEED ARE NOT APPLIED.
5. E1 (KONE ECOSPACE (PASSENGER), 2500 LB, CORE-A): SEISMIC WIDTH (SDC NOT RESOLVED, IBC 2021 CHAPTER 35 REFERENCES ASCE 7-16; THE REPO PINS NO ASCE 7-16 USGS SITE RECORD (THE ONE IT HOLDS IS ASCE 7-22)) BY THE DEPTH FOR FRONT OPENINGS, FOR A CLEAR CAR OF 6'-5 9/16" BY 4'-3 9/16"; THE IBG'S SHAFT IS 6'-0" WIDE BY 8'-6" DEEP: WIDTH SHORT BY 2'-8", SO THE CORE IS TOO SMALL FOR THIS CAR AS DRAWN; THE NORTH COMPARTMENT OF CORE-A IS 16'-0" BY 8'-6", WHICH HOLDS THIS HOISTWAY BY DIMENSION. OTIS GEN3 CORE'S 2,500 LB ROW IS THE BASIS OF DESIGN FOR A CAR THE MEP ENGINE NAMES KONE ECOSPACE (PASSENGER); KONE'S PLANNING DATA WAS NOT READ.
6. E1 (KONE ECOSPACE (PASSENGER), 2500 LB, CORE-A): OTIS PRINTS THE CLEAR OVERHEAD FOR A SINGLE CAR OUTSIDE A SEISMIC AREA (12'-10" AT 200 FPM) AND SENDS A SEISMIC AREA TO ITS REPRESENTATIVE. OWED: THE OVERHEAD FROM OTIS FOR THIS GROUP AND SITE. THE IBG'S OVERRUN IS 10'-0", UNDER THE PUBLISHED SINGLE-CAR 12'-10".
7. E1 (KONE ECOSPACE (PASSENGER), 2500 LB, CORE-A): OTIS PRINTS 4'-0" OR 5'-0" AND NOTES THAT SOME LOCATIONS REQUIRE 5'-0", WHICH IS CARRIED UNTIL THE LOCAL REQUIREMENT IS CONFIRMED. THE IBG'S PIT IS 5'-0": IT MEETS IT.
8. 4 STORIES ABOVE GRADE PLANE: 3002.4 REQUIRES A CAR FOR A 24 BY 84 IN STRETCHER. NO SOURCED CAR IS SHOWN TO TAKE IT: NO CLEAR DIMENSION OF THE 2500 LB ROW REACHES 84 IN. THE IBG'S REQUIREMENTS FLAG STRETCHER_REQUIRED FALSE, THE CORE ENGINE'S HEIGHT-OVER-60-FT RULE, WHERE 3002.4 COUNTS STORIES.
9. OTIS GEN3 CORE OFFERS AN OPTIONAL CONTROL CLOSET OR ROOM, EACH SIZED BY THE HOISTWAY DEPTH; THE IBG MARKS THE CARS MACHINE-ROOM-LESS AND LAYS OUT NO CONTROL SPACE. OSSC 2022 3005.4 ENCLOSES MACHINE ROOMS, CONTROL ROOMS, CONTROL SPACES AND MACHINERY SPACES OUTSIDE THE HOISTWAY IN FIRE BARRIERS RATED AS THE HOISTWAY. WHETHER A CLOSET OR ROOM IS WANTED IS THE ARCHITECT'S AND OTIS'S CALL.
10. OSSC 2022 3001.2 SENDS THE DESIGN AND INSTALLATION OF ELEVATORS TO THE ELEVATOR CODE ADOPTED UNDER OAR 918-400-0455; THE BCD NAMES THE 2024 OREGON ELEVATOR SPECIALTY CODE, THE 2019 ASME A17.1 WITH OREGON'S AMENDMENTS, EFFECTIVE 2024-01-01. OTIS'S NOTE 4 CONDITION FOR PRE-2008 A17.1 DOES NOT APPLY. THE AMENDMENTS TABLE WAS NOT READ.
11. IN FORCE IN OREGON SINCE 2026-04-01: OSSC 2025 (IBC 2024 BASE). ITS 3001.3 CARRIES 3001.2'S TEXT WITHOUT 'EXCEPT AS OTHERWISE PROVIDED FOR IN THIS CODE,', AND 3002.4 AND 3005.4 READ THE SAME. OAR 918-400-0455, THE RULE THAT ADOPTS THE ELEVATOR CODE, WAS NOT READ; THE BCD PAGE NAMES THE 2024 OREGON ELEVATOR SPECIALTY CODE, EFFECTIVE 2024-01-01.
12. CIBSE GUIDE D 2020 ITSELF WAS NOT READ; CIBSE SELLS IT. EQUATION 3.6 IS PETERS (2000) EQUATION (9); PETERS AND DEAN (2018) PRINT THE SAME RESIDENTIAL ROW (6 %POP, INTERVAL AT MOST 60 S) FROM THE DRAFT ISO 8100-32 OF MARCH 2017. GUIDE D 2025 WAS ANNOUNCED AT THE SAME SEMINAR AND WAS NOT READ.

UP-PEAK INTERVAL AGAINST THE TARGET

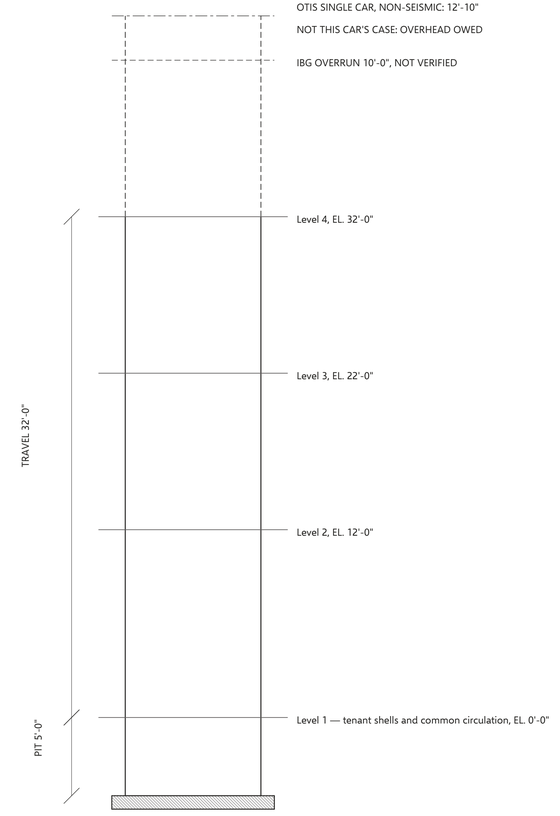


③ **ELEVATOR TRAFFIC STUDY**
SCALE: NTS



PUBLISHED HOISTWAY 8'-8" x 5'-9", SOLID
IBG SHAFT 6'-0" x 8'-6", DASHED
CLEAR CAR 6'-5 9/16" x 4'-3 9/16", POSITION SCHEMATIC
HATCH: HOISTWAY THE IBG SHAFT DOES NOT PROVIDE

② **HOISTWAY PLAN**
SCALE: NTS



① **HOISTWAY SECTION**
SCALE: NTS

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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
ARCHITECTUREENGINEERING — 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.

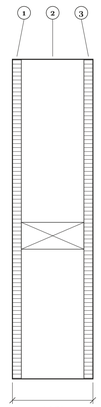
ELEVATOR TRAFFIC STUDY

SHEET
A4.8

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

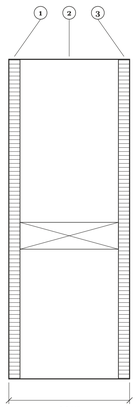
COMPONENTS

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

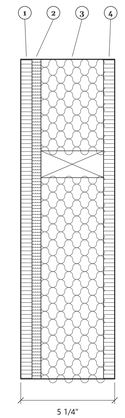
COMPONENTS

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

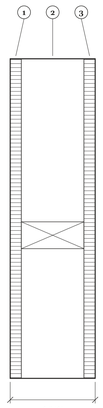
COMPONENTS

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

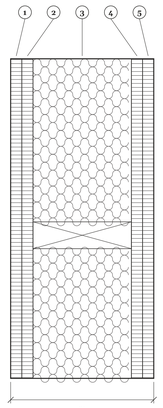
COMPONENTS

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

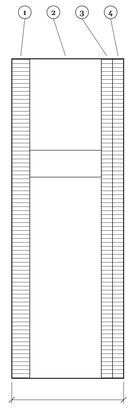
COMPONENTS

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

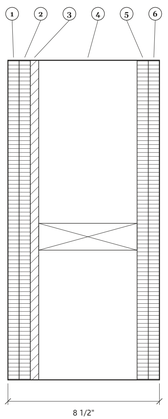
COMPONENTS

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
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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.

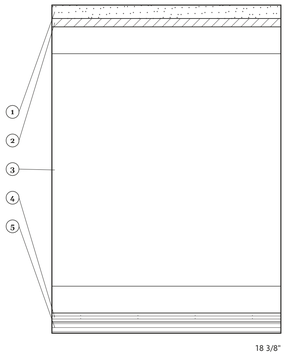
CONSTRUCTION ASSEMBLIES — WALL TYPES

SHEET
A5.1

FC1 RATED FLOOR-CEILING ASSEMBLY (FLOOR-CEILING, 1-HR, WOOD FLOOR TRUSSES)

SCALE: 3" = 1'-0"

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



CONSTRUCTION ASSEMBLY
UL DESIGN NO. L569

TESTED FIRE RESISTANCE RATING
1 HOUR FIRE

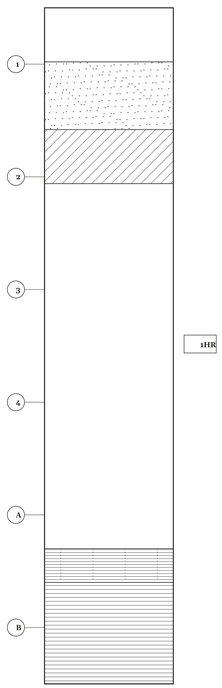
SOUND RATING
50 STC

COMPONENTS

1 3/4 IN GYPSUM CONCRETE TOPPING - 0.75 IN.
2 15/32 IN WOOD STRUCTURAL PANEL SUBFLOOR - 0.469 IN.
3 16 IN WOOD FLOOR TRUSSES AT 24 IN O.C. - 16 IN.
4 RESILIENT CHANNEL, 25 MSG, ONE SIDE - 0.5 IN.
5 5/8 IN TYPE X GYPSUM BOARD - 0.625 IN.

F2 RATED FLOOR-CEILING ASSEMBLY (1 HOUR WOOD FRAMED)

SCALE: NTS



CONSTRUCTION ASSEMBLY
GA FILE NO. NOT PROVIDED — BY OTHERS

TESTED FIRE RESISTANCE RATING
1 HOUR FIRE

COMPONENTS

1 FRAMING — NOT PROVIDED — BY OTHERS
2 BASE LAYER — 5/8" TYPE X GWB WITH 1-1/4" SCREWS 24" OC
3 FACE LAYER — 5/8" TYPE X GWB WITH 1-7/8" SCREWS 12" OC
4 SUBFLOOR — 1/2" PLYWOOD WITH EXTERIOR GLUE
A DECKING MEMBRANE PER PLAN
B HARDIE SOFFIT PANEL

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 F2, FC1: 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
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PROJECT

Architecture.Engineering — L courtyard study

FICTIONAL STUDY: NO REAL PARCEL
ARCHITECTUREENGINEERING — 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

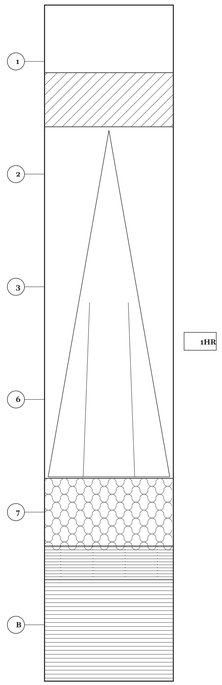
OPEN ISSUE
The set's open issue is stated on the cover, G0.01.

CONSTRUCTION ASSEMBLIES — FLOOR/CEILING & SHAFT

SHEET
A5.2

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

SCALE: NTS



CONSTRUCTION ASSEMBLY
UL DESIGN NO. NOT PROVIDED — BY OTHERS

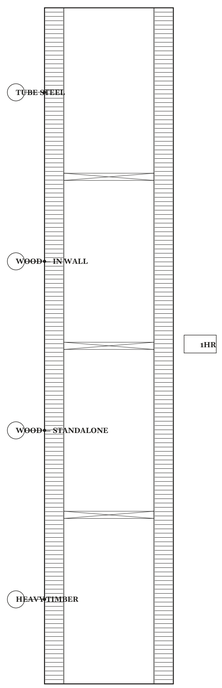
TESTED FIRE RESISTANCE RATING
1 HOUR FIRE

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
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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.

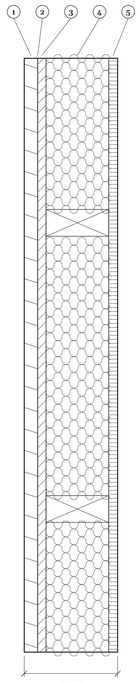
CONSTRUCTION ASSEMBLIES — ROOF/CEILING & COLUMN

SHEET
A5.3

E1 EXTERIOR WALL ASSEMBLY (EXTERIOR WALL, NON-RATED, 2X4)

SCALE: 3" = 1'-0"

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



CONSTRUCTION ASSEMBLY
NOT PROVIDED — BY OTHERS

TESTED FIRE RESISTANCE RATING
NON-RATED

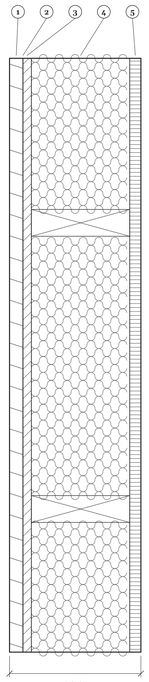
COMPONENTS

1 WOOD BEVEL LAP SIDING - 0.75 IN.
2 WEATHER-RESISTIVE BARRIER, TWO LAYERS
3 15/32 IN (NOMINAL 1/2 IN) WOOD STRUCTURAL PANEL SHEATHING - 0.469 IN.
4 2X4 WOOD STUDS AT 16 IN O.C. - 3.5 IN.
5 1/2 IN GYPSUM BOARD - 0.5 IN.
U U-FACTOR 0.064 (R 15.7), SERIES PATH - VERIFY LOCALLY

E2 EXTERIOR WALL ASSEMBLY (EXTERIOR WALL, 1-HR, 2X6)

SCALE: 3" = 1'-0"

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



CONSTRUCTION ASSEMBLY
CALCULATED: IBC 2021 SECTION 722.6.2

TESTED FIRE RESISTANCE RATING
1 HOUR FIRE

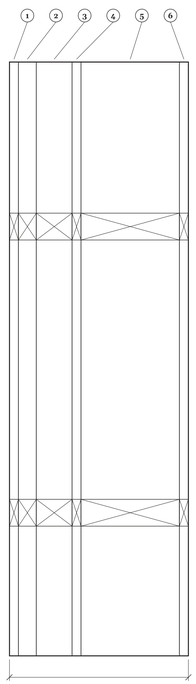
COMPONENTS

1 WOOD BEVEL LAP SIDING - 0.75 IN.
2 WEATHER-RESISTIVE BARRIER, TWO LAYERS
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.
U U-FACTOR 0.042 (R 23.8), SERIES PATH - VERIFY LOCALLY

AE1 EXTERIOR WALL ASSEMBLY (STUDY FIBER-CEMENT PANEL RAINSCREEN)

SCALE: 3" = 1'-0"

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



CONSTRUCTION ASSEMBLY
NOT PROVIDED — BY OTHERS

TESTED FIRE RESISTANCE RATING
NOT ASSESSED

COMPONENTS

1 FIBER-CEMENT PANEL - 0.5 IN.
2 VENTILATED CAVITY - 1 IN.
3 CONTINUOUS INSULATION - 2 IN.
4 SHEATHING - 0.5 IN.
5 WOOD STUD CAVITY - 5.5 IN.
6 INTERIOR GYPSUM BOARD - 0.5 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 AE1, E1, E2: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
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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
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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.

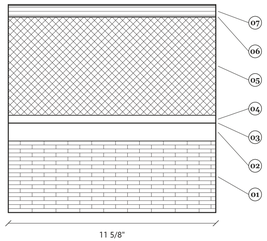
CONSTRUCTION ASSEMBLIES — EXTERIOR WALLS

SHEET
A5.4

1 BRICK VENEER EXTERIOR WALL SECTION

SCALE: 3" = 1'-0"

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



BUILD-UP

01 4" BRICK VENEER - 4"
02 1" AIR SPACE - 1"
03 BUILDING PAPER - 0"
04 7/16" OSB SHEATHING - 1/2"
05 2x6 WOOD STUDS @ 16" O.C. W/ R-21 BATT INSULATION - 5 1/2"
06 6 MIL POLYETHYLENE VAPOR BARRIER - 0"
07 5/8" TYPE X GYPSUM WALLBOARD - 5/8"

PERFORMANCE

R-29.0 | STC 52 | 1-HR | TOTAL 11 5/8"

ANNOTATIONS

BRICK TIES @ 24" O.C. HORIZ., 16" O.C. VERT.
WEEP HOLES @ 24" O.C. AT BASE AND LINTELS
STEEL LINTEL OVER OPENINGS (SIZE PER STRUCTURAL)

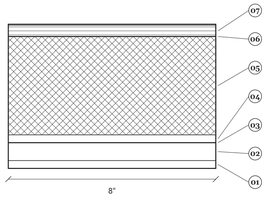
NOTES

1. INSTALLER: BRICK VENEER SUPPORTED ON FOUNDATION SHELF ANGLE OR CONCRETE LEDGE.
2. INSTALLER: EXPANSION JOINTS @ 25'-0" O.C. MAX.
3. INSTALLER: FLASHING AT BASE, LINTELS, AND SHELF ANGLES.
4. INSTALLER: MORTAR: TYPE S PER ASTM C270.
5. INSTALLER: ALL BRICK: ASTM C216, GRADE SW.

2 FIBER CEMENT EXTERIOR WALL SECTION

SCALE: 3" = 1'-0"

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



BUILD-UP

01 FIBER CEMENT SIDING (James Hardie HardiePlank Lap Siding) - 1/2"
02 AIR SPACE / DRAINAGE PLANE - 1"
03 WEATHER-RESISTIVE BARRIER (WRB) - 0"
04 OSB STRUCTURAL SHEATHING - 1/2"
05 2x6 WOOD STUDS @ 16" O.C. W/ R-21 BATT INSULATION - 5 1/2"
06 6 MIL POLYETHYLENE VAPOR BARRIER - 0"
07 5/8" TYPE X GYPSUM WALLBOARD - 5/8"

PERFORMANCE

R-27.5 | STC 48 | 1-HR | TOTAL 8"

ANNOTATIONS

CONTINUOUS AIR BARRIER AT SHEATHING PLANE
FLASH AND SEAL ALL PENETRATIONS PER IBC 714
FURRING STRIPS OR HAT CHANNEL FOR DRAINAGE PLANE

NOTES

1. INSTALLER: ALL DIMENSIONS ARE NOMINAL. VERIFY WITH MANUFACTURER.
2. INSTALLER: CONTINUOUS INSULATION REQUIRED PER ENERGY CODE.
3. INSTALLER: AIR/VAPOR BARRIER CONTINUOUS AND SEALED AT ALL PENETRATIONS.
4. INSTALLER: FIRESTOPPING REQUIRED AT ALL PENETRATIONS PER IBC 714.
5. INSTALLER: CAULK AND SEAL AROUND ALL OPENINGS AT ROUGH OPENINGS.

SHEET NOTES

1. WALL SECTION: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00, 07 46 00, 07 52 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

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GEOTECHNICAL	NOT PROVIDED — BY OTHERS

REVIEW

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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	1-1/2"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

WALL SECTIONS — BRICK VENEER EXTERIOR WALL SECTION, FIBER CEMENT EXTERIOR WALL SECTION

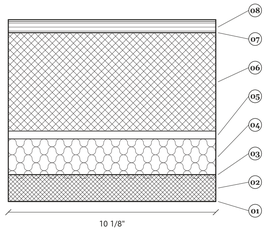
SHEET

A5.5

1 METAL PANEL EXTERIOR WALL SECTION

SCALE: 3" = 1'-0"

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



BUILD-UP

01 METAL PANEL (0.040" GAUGE ALUMINUM) - 0"
02 Z-GIRT SUBFRAME - 1 1/2"
03 WEATHER-RESISTIVE BARRIER (WRB) - 0"
04 2" RIGID INSULATION (R-10) - 2"
05 7/16" OSB SHEATHING - 1/2"
06 2x6 WOOD STUDS @ 16" O.C. W/ R-21 BATT INSULATION - 5 1/2"
07 6 MIL POLYETHYLENE VAPOR BARRIER - 0"
08 5/8" TYPE X GYPSUM WALLBOARD - 5/8"

PERFORMANCE

R-33.0 | STC 45 | 1-HR | TOTAL 10 1/8"

ANNOTATIONS

CONCEALED FASTENER CLIP SYSTEM
Z-GIRT THERMAL BREAK AT EACH ATTACHMENT
PANEL JOINTS: STANDING SEAM OR LAPPED, SEALED

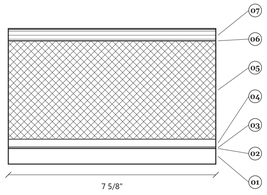
NOTES

1. INSTALLER: METAL PANELS: 0.040" ALUMINUM OR 22-GA STEEL, KYNAR FINISH.
2. INSTALLER: Z-GIRTS TO PROVIDE THERMAL BREAK BETWEEN PANEL AND SHEATHING.
3. INSTALLER: CONTINUOUS INSULATION OUTBOARD OF SHEATHING PER ENERGY CODE.
4. INSTALLER: PANEL COLOR AND PROFILE PER ARCHITECTURAL ELEVATIONS.
5. INSTALLER: SEALANT AT ALL PANEL JOINTS: TREMCO DYMONIC 100 OR EQUAL.

2 THREE-COAT STUCCO EXTERIOR WALL SECTION

SCALE: 3" = 1'-0"

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



BUILD-UP

01 3-COAT STUCCO (7/8" TOTAL) - 7/8"
02 GALVANIZED METAL LATH (3.4 LB/SY) - 0"
03 TWO LAYERS GRADE D BUILDING PAPER - 1/8"
04 7/16" OSB SHEATHING - 1/2"
05 2x6 WOOD STUDS @ 16" O.C. W/ R-21 BATT INSULATION - 5 1/2"
06 6 MIL POLYETHYLENE VAPOR BARRIER - 0"
07 5/8" TYPE X GYPSUM WALLBOARD - 5/8"

PERFORMANCE

R-26.0 | STC 46 | 1-HR | TOTAL 7 5/8"

ANNOTATIONS

CONTROL JOINTS @ 144 SF MAX PANEL AREA
EXPANSION JOINTS AT FLOOR LINES AND COLUMN LINES
WEEP SCREED AT BASE OF STUCCO ABOVE GRADE

NOTES

1. INSTALLER: STUCCO MIX: 1:3 CEMENT/SAND (SCRATCH & BROWN), FINISH COAT PER ARCHITECT.
2. INSTALLER: SCRATCH COAT: 3/8", BROWN COAT: 3/8", FINISH: 1/8".
3. INSTALLER: METAL LATH: 3.4 LB/SY GALVANIZED, EXPANDED METAL.
4. INSTALLER: BUILDING PAPER: 2 LAYERS GRADE D, 60-MIN, LAPPED 6" MIN.
5. INSTALLER: CONTROL JOINTS PER ASTM C1063.

SHEET NOTES

1. WALL SECTION: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00, 07 46 00, 07 52 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

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REVIEW

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PROJECT

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ARCHITECTUREENGINEERING — 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	1-1/2"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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WALL SECTIONS — METAL PANEL EXTERIOR WALL SECTION, THREE-COAT STUCCO EXTERIOR WALL SECTION

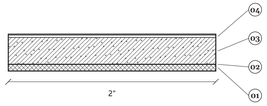
SHEET

A5.6

1 BALCONY-TO-WALL CONNECTION DETAIL

SCALE: 3" = 1'-0"

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



BUILD-UP

01 STEEL LEDGER ANGLE (L4x4x3/8) - 3/8"
02 THROUGH-WALL FLASHING - 0"
03 SLOPED BALCONY DECK (1/4"/FT MIN.) - 1 1/2"
04 WATERPROOF MEMBRANE (BELOW DECK) - 1/8"

FASTENERS

3/4" THROUGH-BOLTS @ 12" O.C. (LEDGER TO RIM JOIST)
SIMPSON HLSU THERMAL BREAK CONNECTOR AT EACH JOIST
STAINLESS STEEL HARDWARE FOR CORROSION RESISTANCE

ANNOTATIONS

SLOPE DECK 1/4" PER FOOT AWAY FROM BUILDING
CONTINUOUS FLASHING TURNED UP 8" MIN. AT WALL
DRIP EDGE AT OUTBOARD FASCIA

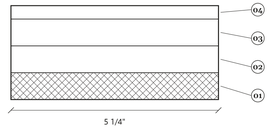
NOTES

1. INSTALLER: LEDGER ANGLE DESIGN PER STRUCTURAL ENGINEER.
2. INSTALLER: WATERPROOF MEMBRANE; FULLY ADHERED, LAPPED 6" MIN.
3. INSTALLER: ALL PENETRATIONS SEALED WITH COMPATIBLE SEALANT.
4. INSTALLER: GUARDRAIL PER IBC 1015 (36" MIN. RESIDENTIAL, 42" COMMERCIAL).

2 FLOOR-TO-FLOOR TRANSITION DETAIL

SCALE: 3" = 1'-0"

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



BUILD-UP

01 RIM BOARD AT THE FLOOR TRUSSES (NOT PROVIDED — BY OTHERS) - 1 1/2"
02 FIRE BLOCKING (2x SOLID) - 1 1/2"
03 SILL PLATE (PT 2x6) - 1 1/2"
04 SUBFLOOR (PER ASSEMBLY FC1) - 3/4"

FASTENERS

16d COMMON NAILS @ 6" O.C. THROUGH RIM JOIST INTO SILL PLATE
SIMPSON A35 FRAMING CLIPS @ EACH JOIST
1/2" ANCHOR BOLTS @ 6'-0" O.C. (2 WITHIN 12" OF EACH CORNER)

ANNOTATIONS

FIRE BLOCKING REQUIRED AT EACH FLOOR PER IBC 718
SEALANT AT SHEATHING-TO-RIM JOIST JOINT
CONTINUOUS INSULATION OVER RIM JOIST AREA

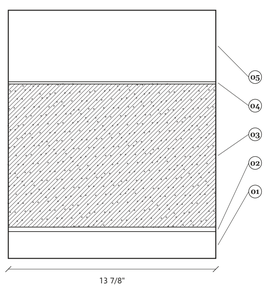
NOTES

1. INSTALLER: RIM JOIST TO BE CONTINUOUS AT ALL EXTERIOR WALLS.
2. INSTALLER: FIRE BLOCKING PER IBC 718.2.1
3. INSTALLER: SILL PLATE: PRESSURE-TREATED, BEARING ON SUBFLOOR.

3 WALL-TO-FOUNDATION CONNECTION DETAIL

SCALE: 3" = 1'-0"

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



BUILD-UP

01 SILL PLATE (PT 2x6 DF-L #2) - 1 1/2"
02 SILL SEAL GASKET (FOAM) - 1/4"
03 CONCRETE STEM WALL - 8"
04 WATERPROOF MEMBRANE (BELOW GRADE) - 1/8"
05 DRAIN TILE (4" PERFORATED PVC) - 4"

FASTENERS

1/2" ANCHOR BOLTS @ 6'-0" O.C. (2 WITHIN 12" OF EACH CORNER)
SIMPSON HDU HOLD-DOWN AT SHEAR WALL ENDS
SILL PLATE NUTS: 3" SQUARE WASHER + HEX NUT

ANNOTATIONS

ANCHOR BOLTS EMBEDDED 7" MIN. INTO CONCRETE
SILL SEAL CONTINUOUS, NO GAPS
GRADE SLOPES AWAY FROM BUILDING 6" IN 10'-0" MIN.

NOTES

1. INSTALLER: CONCRETE: 3000 PSI MIN., 3/4" MAX AGGREGATE.
2. INSTALLER: SILL PLATE: PRESSURE-TREATED (0.40 PCF RETENTION MIN.).
3. INSTALLER: WATERPROOF MEMBRANE: APPLIED TO EXTERIOR FACE OF STEM WALL, BELOW GRADE.
4. INSTALLER: DRAIN TILE: 4" PERFORATED PVC IN 12" GRAVEL BED, FILTER FABRIC WRAPPED.
5. INSTALLER: BACKFILL: FREE-DRAINING GRANULAR, COMPACTED TO 95% PROCTOR.

SHEET NOTES

1. WALL SECTION: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00, 07 46 00, 07 52 00.

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APPLICANT / OWNER

CONSULTANTS

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OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

MARK	DATE	DESCRIPTION

REGISTER

Project	AE-STUDY-L01
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Drawn	NOT PROVIDED — BY OTHERS
Scale	1-1/2"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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CONNECTION DETAILS — SHEET 1

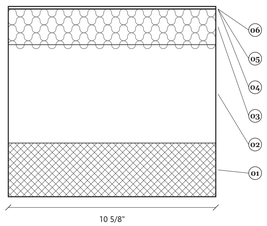
SHEET

A5.7

1 PARAPET / ROOF EDGE DETAIL

SCALE: 3" = 1'-0"

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



BUILD-UP

01 DOUBLE TOP PLATE (2x6) - 3"
02 BLOCKING (2x6 SOLID) - 5 1/2"
03 RIGID INSULATION TRANSITION (2") - 2"
04 ROOF MEMBRANE (SBS-MODIFIED BITUMINOUS, 2-PLY SYSTEM) - 0"
05 PARAPET CAP FLASHING (PRE-FINISHED METAL) - 0"
06 METAL COPING (22 GA. PRE-FINISHED) - 0"

FASTENERS

COPING SECURED WITH CONCEALED CLIPS @ 24" O.C.
MEMBRANE ADHERED AND TERMINATED UNDER COPING
CAP FLASHING LAPPED OVER COUNTERFLASHING 4" MIN.

ANNOTATIONS

PARAPET HEIGHT: 42" MIN. ABOVE ROOF SURFACE
MEMBRANE TURNED UP FULL HEIGHT OF PARAPET
COPING SLOPE: 1/4" PER FOOT TO ROOF SIDE

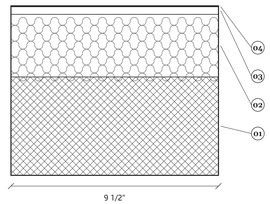
NOTES

1. INSTALLER: PARAPET BLOCKING TO BE FIRE-TREATED LUMBER.
2. INSTALLER: ROOF MEMBRANE PER ROOFING SPECIFICATIONS.
3. INSTALLER: COPING: KYNAR-FINISHED 22-GA STEEL OR ALUMINUM.
4. INSTALLER: ALL JOINTS IN COPING SEALED WITH COMPATIBLE SEALANT.

2 WALL CORNER DETAIL

SCALE: 3" = 1'-0"

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



BUILD-UP

01 CORNER STUD ASSEMBLY (3-STUD OR CALIFORNIA CORNER) - 5 1/2"
02 CORNER INSULATION (R-21 BATT) - 3 1/2"
03 SHEATHING OVERLAP (7/16" OSB) - 1/2"
04 WRB INTEGRATION (6" MIN. LAP) - 0"

FASTENERS

16d COMMON NAILS @ 6" O.C. AT CORNER STUDS
SHEATHING NAILING: 8d @ 6" O.C. EDGES, 12" O.C. FIELD
CORNER CLIPS: SIMPSON A35 AT TOP AND BOTTOM PLATES

ANNOTATIONS

CALIFORNIA CORNER PREFERRED FOR INSULATION CONTINUITY
WRB LAPPED 6" MIN. AT CORNER WITH COMPATIBLE TAPE
SHEATHING JOINTS STAGGERED AT CORNERS

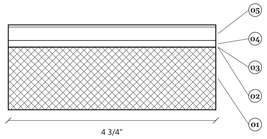
NOTES

1. INSTALLER: CALIFORNIA CORNER: BACKUP CLIP + SINGLE STUD ALLOWS INSULATION IN CORNER.
2. INSTALLER: STANDARD 3-STUD CORNER: INSULATION STRIPS BETWEEN STUDS.
3. INSTALLER: SHEATHING OVERLAP: LAPPED AT CORNER FOR RACKING RESISTANCE.
4. INSTALLER: AIR BARRIER CONTINUITY MAINTAINED AT CORNER.
5. INSTALLER: SEALANT AT EXTERIOR CLADDING CORNER JOINTS.

3 WINDOW HEAD AND SILL DETAIL

SCALE: 3" = 1'-0"

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



BUILD-UP

01 HEADER (NOT PROVIDED — BY OTHERS) - 3 1/2"
02 SILL PAN FLASHING (SELF-ADHERED MEMBRANE) - 0"
03 JAMB FLASHING (SELF-ADHERED, 6" MIN.) - 0"
04 BACKER ROD + SEALANT (3/8" DIA.) - 3/8"
05 INTERIOR/EXTERIOR TRIM (Marvin) - 3/4"

FASTENERS

WINDOW FRAME SCREWED TO ROUGH OPENING WITH #10 x 3" SCREWS
SHIMS @ 12" O.C. MAX BETWEEN FRAME AND R.O.
SEALANT: TREMCO DYMONIC 100 OR EQUAL, CONTINUOUS BEAD

ANNOTATIONS

ROUGH OPENING: 1/2" LARGER THAN WINDOW FRAME EACH SIDE
SILL PAN SLOPED 5 DEGREES TO EXTERIOR
HEAD FLASHING INTEGRATED WITH WRB

NOTES

1. INSTALLER: HEADER SIZE PER STRUCTURAL: NOT PROVIDED — BY OTHERS. THE ENGINE SIZES NO HEADER (STR-HDR-001).
2. INSTALLER: SILL PAN: PEEL-AND-STICK MEMBRANE, TURNED UP 6" MIN. AT JAMBS.
3. INSTALLER: BACKER ROD DIAMETER = 1.25x JOINT WIDTH.
4. INSTALLER: SEALANT: 2-SIDED ADHESION ONLY (NO 3-POINT BOND).

SHEET NOTES

1. WALL SECTION: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00, 07 46 00, 07 52 00.

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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	1-1/2"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

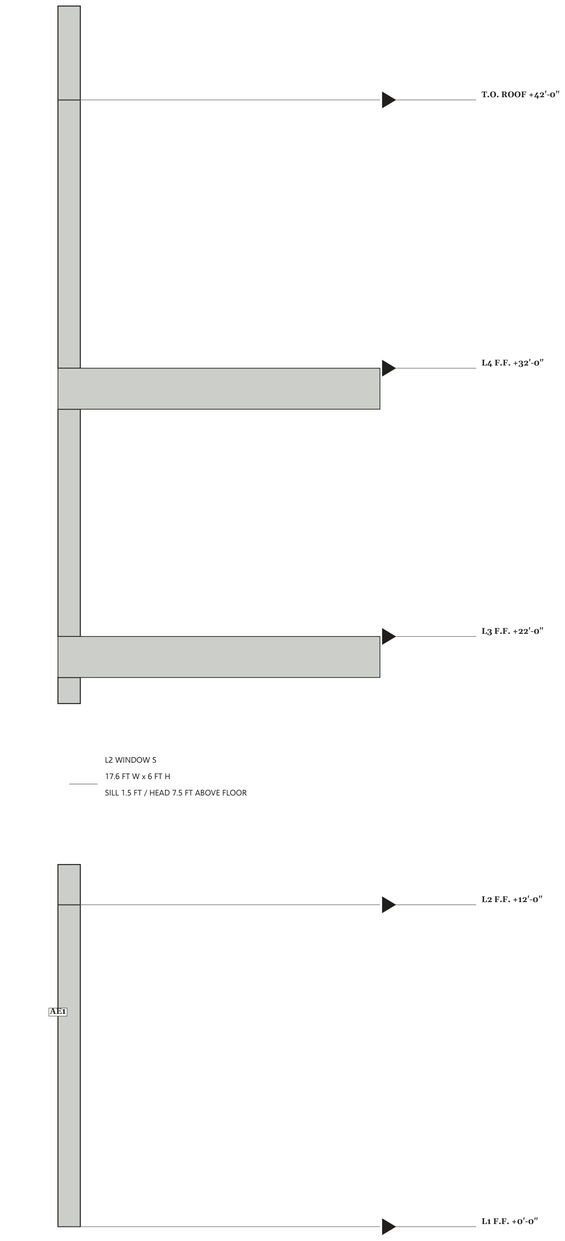
The set's open issue is stated on the cover, G0.01.

CONNECTION DETAILS — SHEET 2

SHEET

A5.8

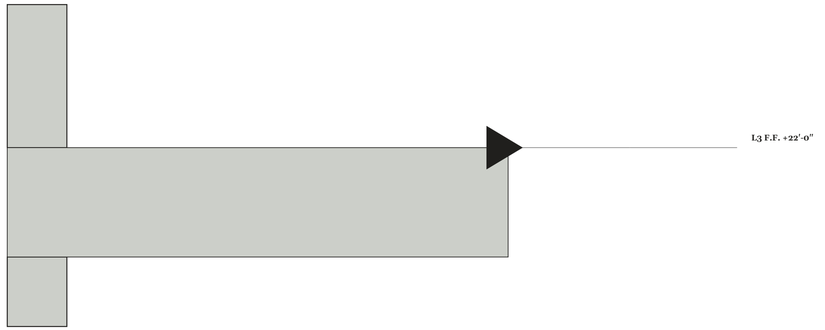
SOURCE CUT AT X = 68.40 FT / L2-S01



1 WALL SECTION AT CALLOUT 1 / AE1

SCALE: 3/8" = 1'-0"

0' 2' 4' 6' 8'

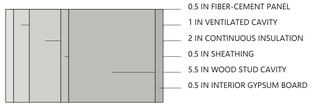


2 SOURCE FLOOR INTERSECTION / L3

SCALE: 1" = 1'-0"

0' 1' 2' 3' 4'

AE1 HELD LAYERS / NTS



10 IN SOURCE THICKNESS / EXTERIOR TO INTERIOR



3 SOURCE ROOF EDGE / RF

SCALE: 1" = 1'-0"

0' 1' 2' 3' 4'

THESE VIEWS SHOW HELD WALL, OPENING, FLOOR AND ROOF GEOMETRY.

T.O. PLATE AND GRADE: NOT PROVIDED. THE ARCHITECT MUST ESTABLISH THESE DATUMS.

CONNECTIONS, FLASHING, WATERPROOFING AND PARAPET CONSTRUCTION: NOT PROVIDED. THE ARCHITECT AND ENGINEER MUST DETAIL THESE ITEMS.

A FLOOR OR ROOF LINE WITHOUT THICKNESS DOES NOT DEFINE AN ASSEMBLY.

OPENING WIDTH IS PERPENDICULAR TO THIS CUT. FRAME AND GLAZING SECTIONS: NOT PROVIDED; THE ARCHITECT MUST DETAIL THEM.

SHEET NOTES

1. WALL SECTION: SPECIFIED IN SECTIONS 06 10 00, 07 21 00, 09 21 00, 07 46 00, 07 52 00.
2. ASSEMBLIES AE1: 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
ARCHITECTUREENGINEERING — 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	3/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

WALL SECTION AT CALLOUT 1 AND DETAILS

SHEET

A5.9

WINDOW SCHEDULE — DESIGN DEVELOPMENT

TYPE ID	WIDTH	HEIGHT	TYPE	OPERABILITY	ROOM	QTY	PRODUCT / PERFORMANCE	EGRESS OPNG	SILL DEVICE	SAFETY GLZ	DETAIL
A	6.8'	4.5'	CASEMENT	operable - side hinged	Bedroom	1	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY	F2090 DEVICE, WOCD OR 4 IN SPHERE (1015.8)	NOT REQ'D: SILL 30 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	2/A8.03
B	7.1'	4.5'	CASEMENT	operable - side hinged	Bedroom	8	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY / NOT REQ'D: STOREY 4: 1031.2 ASKS BELOW THE FOURTH STOREY ABOVE GRADE PLANE	F2090 DEVICE, WOCD OR 4 IN SPHERE (1015.8)	NOT REQ'D: SILL 30 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	3/A8.03
C	7.8'	4.5'	CASEMENT	operable - side hinged	Bedroom	2	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY / NOT REQ'D: STOREY 4: 1031.2 ASKS BELOW THE FOURTH STOREY ABOVE GRADE PLANE	F2090 DEVICE, WOCD OR 4 IN SPHERE (1015.8)	NOT REQ'D: SILL 30 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	4/A8.03
D	8.1'	4.5'	CASEMENT	operable - side hinged	Bedroom	12	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY / NOT REQ'D: STOREY 4: 1031.2 ASKS BELOW THE FOURTH STOREY ABOVE GRADE PLANE	F2090 DEVICE, WOCD OR 4 IN SPHERE (1015.8)	NOT REQ'D: SILL 30 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	5/A8.03
E	10.8'	6.0'	FIXED	non-operable	Living / Dining	1	NOT PROVIDED — BY OTHERS	N/A: NOT A SLEEPING ROOM	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	6/A8.03
F	11.1'	6.0'	FIXED	non-operable	Living / Dining	8	NOT PROVIDED — BY OTHERS	N/A: NOT A SLEEPING ROOM	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	1/A8.04
G	12.3'	6.0'	FIXED	non-operable	Living / Dining	2	NOT PROVIDED — BY OTHERS	N/A: NOT A SLEEPING ROOM	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	2/A8.04
H	12.7'	6.0'	FIXED	non-operable	Living / Dining	12	NOT PROVIDED — BY OTHERS	N/A: NOT A SLEEPING ROOM	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	3/A8.04
I	8.0'	6.0'	FIXED	non-operable	Resident lounge	3	NOT PROVIDED — BY OTHERS	N/A: NOT A SLEEPING ROOM	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	4/A8.04
J	6.0'	6.0'	FIXED	non-operable	Resident reading room	3	NOT PROVIDED — BY OTHERS	N/A: NOT A SLEEPING ROOM	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	5/A8.04
K	8.0'	6.0'	FIXED	non-operable	Shared laundry room	6	NOT PROVIDED — BY OTHERS	N/A: NOT A SLEEPING ROOM	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	6/A8.04
L	3.0'	4.0'	FIXED	non-operable	Stair landing	8	NOT PROVIDED — BY OTHERS	N/A: NOT A SLEEPING ROOM	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 36 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	1/A8.05
M	16.0'	6.0'	FIXED	non-operable	Studio	7	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY / NOT REQ'D: STOREY 4: 1031.2 ASKS BELOW THE FOURTH STOREY ABOVE GRADE PLANE	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	2/A8.05
N	16.7'	6.0'	FIXED	non-operable	Studio	3	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY / NOT REQ'D: STOREY 4: 1031.2 ASKS BELOW THE FOURTH STOREY ABOVE GRADE PLANE	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	3/A8.05
O	16.7'	6.0'	FIXED	non-operable	Studio	1	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	4/A8.05
P	16.8'	6.0'	FIXED	non-operable	Studio	3	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY / NOT REQ'D: STOREY 4: 1031.2 ASKS BELOW THE FOURTH STOREY ABOVE GRADE PLANE	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	5/A8.05
Q	16.9'	6.0'	FIXED	non-operable	Studio	2	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY / NOT REQ'D: STOREY 4: 1031.2 ASKS BELOW THE FOURTH STOREY ABOVE GRADE PLANE	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	6/A8.05
R	17.5'	6.0'	FIXED	non-operable	Studio	1	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	1/A8.06
S	17.6'	6.0'	FIXED	non-operable	Studio	6	NOT PROVIDED — BY OTHERS	NOT REQ'D: GROUP R-2 WITH 2 EXITS REACHABLE: 1031.2 ITEM 1 DOES NOT APPLY / NOT REQ'D: STOREY 4: 1031.2 ASKS BELOW THE FOURTH STOREY ABOVE GRADE PLANE	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 18 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	2/A8.06
T	6.0'	7.0'	FIXED	non-operable	Tenant shell	37	NOT PROVIDED — BY OTHERS	N/A: NOT A SLEEPING ROOM	N/A: A FIXED SASH: 1015.8 READS OPERABLE WINDOWS	NOT REQ'D: SILL 24 IN ABOVE THE FLOOR, NOT UNDER 18 (2406.4.3)	3/A8.06

TOTAL WINDOW TYPES: 20 | TOTAL WINDOWS: 126

ARCHITECT TO SELECT PRODUCTS AND VERIFY SIZES, OPERABILITY, GLAZING AND FINISHES. MANUFACTURER, PRODUCT CERTIFICATES AND PERFORMANCE VALUES: NOT PROVIDED — BY OTHERS

INSTALLATION, SILL/JAMB/HEAD FLASHING & WRB INTEGRATION DETAILED ON A8.02. SAFETY GLAZING PER IBC 2406.

WINDOW WIDTHS ARE THE UNIT LAYOUTS'. SILL AND HEAD: PROJECT-AUTHORED FOR STUDIO; WINDOW_SIZES DECLARED DEFAULTS FOR OTHER ROOMS. DESIGN DIMENSIONS REQUIRE PRODUCT SELECTION AND VERIFICATION BY THE ARCHITECT.

EGRESS OPENING (1031), SILL FALL PROTECTION (1015.8) AND SAFETY GLAZING (2406.4) FROM THE LEDGER'S WINDOW RECORDS; TYPE ELEVATIONS ON A8.02.

SHEET NOTES

1. WINDOWS A, B, C, D, E, F AND 14 MORE: SPECIFIED IN SECTION 08 54 13.

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
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REVIEW

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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.

WINDOW SCHEDULE

SHEET

A6.1

DOOR SCHEDULE — DESIGN DEVELOPMENT (1 OF 2)

MARK	LEVEL	SIZE W X H	OPERATION	HELD RATING	PRODUCT / PERFORMANCE	DETAIL
100E1	L1	6'-0" x 7'-0"	OUTWARD, PAIRED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	5/A8.08
100E2	L1	3'-0" x 7'-0"	OUTWARD	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	5/A8.08
100L1	L1	3'-6" x 7'-0"	SLIDING, TWO PANELS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	6/A8.08
100S1	L1	3'-0" x 7'-0"	HINGED	90-MIN	NOT PROVIDED — BY OTHERS	1/A8.10
100S2	L1	3'-0" x 7'-0"	HINGED	90-MIN	NOT PROVIDED — BY OTHERS	1/A8.10
102	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	2/A8.09
103	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	2/A8.09
104	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	2/A8.09
105	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	2/A8.09
109	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	4/A8.08
112	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	2/A8.09
114	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	2/A8.09
115	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	2/A8.09
116	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	2/A8.09
117	L1	3'-0" x 7'-0"	HINGED	45-MIN	NOT PROVIDED — BY OTHERS	2/A8.09
200L1	L2	3'-6" x 7'-0"	SLIDING, TWO PANELS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
200S1	L2	3'-0" x 7'-0"	HINGED	90-MIN	NOT PROVIDED — BY OTHERS	5/A8.09
200S2	L2	3'-0" x 7'-0"	HINGED	90-MIN	NOT PROVIDED — BY OTHERS	5/A8.09
201	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
201A	L2	3'-0" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
202	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
202A	L2	3'-0" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
202B	L2	3'-0" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
202C	L2	3'-0" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
202D	L2	3'-0" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
203	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
203A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
204	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
204A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
204B	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
204C	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
204D	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
205	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
205A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
206	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
206A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
206B	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
206C	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
206D	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
207	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
207A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
208	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
208A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
208B	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
208C	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
208D	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
209	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
209A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
210	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
210A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
210B	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
210C	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
210D	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
211	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
211A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
212	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
212A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
212B	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
212C	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
212D	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
213	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
213A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
214	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
214A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
215	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
215A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
215B	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
215C	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
215D	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
216	L2	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
216A	L2	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
L2-C01D	L2	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.08
L2-C02D	L2	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.08
L2-C03D	L2	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
L2-C05D	L2	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
L2-C07D	L2	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	1/A8.09
300L1	L3	3'-6" x 7'-0"	SLIDING, TWO PANELS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
300S1	L3	3'-0" x 7'-0"	HINGED	90-MIN	NOT PROVIDED — BY OTHERS	5/A8.09
300S2	L3	3'-0" x 7'-0"	HINGED	90-MIN	NOT PROVIDED — BY OTHERS	5/A8.09
301	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
301A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
301B	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
301C	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
301D	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
302	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
302A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
303	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
303A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
303B	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
303C	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
303D	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
304	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
304A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
305	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
305A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
305B	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
305C	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
305D	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
306	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
306A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
307	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
307A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
307B	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
307C	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
307D	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
308	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
308A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
309	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
309A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
309B	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
309C	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09

SHEET NOTES

1. DOORS (111 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 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.

DOOR SCHEDULE

SHEET

A6.2

DOOR SCHEDULE — DESIGN DEVELOPMENT (2 OF 2)

MARK	LEVEL	SIZE W X H	OPERATION	HELD RATING	PRODUCT / PERFORMANCE	DETAIL
309D	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
310	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
310A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
311	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
311A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
312	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
312A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
312B	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
312C	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
312D	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
313	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
313A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
313B	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
313C	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
313D	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
314	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
314A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
315	L3	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
315A	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
315B	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
315C	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
315D	L3	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
L3-C01D	L3	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.08
L3-C02D	L3	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.08
L3-C03D	L3	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
L3-C04D	L3	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
L3-C05D	L3	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
L3-C07D	L3	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	1/A8.09
400L1	L4	3'-6" x 7'-0"	SLIDING, TWO PANELS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
400S1	L4	3'-0" x 7'-0"	HINGED	90-MIN	NOT PROVIDED — BY OTHERS	5/A8.09
400S2	L4	3'-0" x 7'-0"	HINGED	90-MIN	NOT PROVIDED — BY OTHERS	5/A8.09
401	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
401A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
401B	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
401C	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
401D	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
402	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
402A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
403	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
403A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
403B	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
403C	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
403D	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
404	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
404A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
405	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
405A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
405B	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
405C	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
405D	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
406	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
406A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
407	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
407A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
407B	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
407C	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
407D	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
408	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
408A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
409	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
409A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
409B	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
409C	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
409D	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
410	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
410A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
411	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
411A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
412	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
412A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
412B	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
412C	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
412D	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
413	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
413A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
413B	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
413C	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
413D	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
414	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
414A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
415	L4	3'-0" x 6'-8"	HINGED	20-MIN	NOT PROVIDED — BY OTHERS	2/A8.08
415A	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	4/A8.09
415B	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
415C	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
415D	L4	2'-10" x 6'-8"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.09
L4-C01D	L4	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.08
L4-C02D	L4	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	3/A8.08
L4-C03D	L4	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
L4-C04D	L4	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
L4-C05D	L4	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	2/A8.08
L4-C07D	L4	3'-0" x 7'-0"	HINGED	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	1/A8.09
R01	RF	3'-0" x 7'-0"	OUTWARD	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	6/A8.09

OPENING GEOMETRY FROM ELEMENT RECORDS. MANUFACTURERS, FRAME AND GLAZING PRODUCTS, FINISHES, HARDWARE AND EGRESS ACCEPTANCE REMAIN UNSELECTED. HELD RATINGS ARE SOURCE INPUTS FOR REVIEW.

SHEET NOTES

1. DOORS (92 TAGGED): SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 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.

DOOR SCHEDULE, CONTINUED

SHEET

A6.3

UNIT AREA SCHEDULE — CONSTRUCTION DOCUMENTS

UNIT TYPE	COUNT	AVG. NET SF	TOTAL NET SF	ADA UNITS	% OF MIX
1BR	23	731	16,806	1	100.0%
ST	23	506	11,634	1	50.0%
building_service	1	263	263	0	2.1%
core	3	295	884	0	6.0%
spine	5	121	604	0	9.1%
tenant_suite	9	1343	12,088	0	14.1%
TOTAL	64	—	42,280	—	100%

TOTAL UNITS: 64

TOTAL RESIDENTIAL NET SF: 42,280 SF

UNIT COUNT BY FLOOR

LEVEL	UNIT COUNT	LEVEL NET SF
L1	18	13,840
L2	16	9,640
L3	15	9,400
L4	15	9,400

ACCESSIBLE UNIT MATRIX

UNIT CLASS	REQUIRED	PROVIDED	BASIS	RECORD
TYPE A	1 (PASS)	2	IBC 2021 1107.6.2.2.1 (Oregon viewer 1108.6.2.2.1)	ACC-UM-001
TYPE B	46 (REQUIRED)	NOT PROVIDED — BY OTHERS	IBC 2021 1107.6.2.2.2 (Oregon viewer 1108.6.2.2.2)	ACC-UM-002

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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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.

UNIT AREA SCHEDULE

SHEET

A6.4

WALL TYPE SCHEDULE

WALL TYPE	DESCRIPTION	THICKNESS	FIRE RATING	STC	STRUCTURAL
CW-1	Corridor wall (2x4 + 2 layers GWB)	6"	1-HR	50	NO
DW-1	Demising wall (2x4 staggered + batt + 2xGWB)	9"	1-HR	55	NO
EW-1	Study fiber-cement panel rainscreen	10.0"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	YES
PW-1	Interior partition (2x4 + GWB)	4.5"	0-HR	33	NO
SF-1	Shaft wall (elevator/stair)	8"	2-HR	55	YES

AUTHORED WALL TYPES; TEST LISTINGS AND PERFORMANCE REQUIRE REVIEW

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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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

MARKDATE	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

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WALL TYPE SCHEDULE

SHEET

A6.5

UNIT MIX SUMMARY

UNIT TYPE	COUNT	NET SF	BED	BATH	ADA
1BR	23	731	1	1	1
ST	23	506	0	1	1
building_service	1	263	0	1	0
core	3	295	0	1	0
spine	5	121	0	1	0
tenant_suite	9	1343	0	1	0
TOTAL	64	661	-	-	2

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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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.

UNIT MIX SUMMARY & PROGRAM

SHEET

A6.6

HABITABLE SPACE SCHEDULE

HABITABLE SPACES (LIVING, SLEEPING, EATING, COOKING)

LAYOUT	ROOM	AREA	LEAST DIM.	CEILING	FLOOR	WALL	CLG	UNITS	SECTION 1208
ST-A ADA	KITCHEN	82 SF	8'-0"	L2: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	1	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2
ST-A ADA	STUDIO	355 SF	16'-1 1/2"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.1 OK; 1208.3 OK; 1208.2 OK L2
1BR-A ADA	KITCHEN	176 SF	9'-7 3/4"	L2: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	1	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2
1BR-A ADA	LIVING / DINING	256 SF	14'-1 1/4"	L2: 8'-5 5/8"	LVP	PAINT	GB-1	1	1208.1 OK; 1208.3 OK; 1208.2 OK L2
1BR-A ADA	BEDROOM	160 SF	11'-10 1/2"	L2: 8'-5 5/8"	LVP	PAINT	GB-1	1	1208.1 OK; 1208.3 OK; 1208.2 OK L2
ST-B	KITCHEN	95 SF	7'-6"	L2-L4: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	5	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2-L4
ST-B	STUDIO	366 SF	16'-7 1/2"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	5	1208.1 OK; 1208.3 OK; 1208.2 OK L2-L4
1BR-B	KITCHEN	176 SF	9'-7 3/4"	L2-L4: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	11	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2-L4
1BR-B	LIVING / DINING	256 SF	14'-1 1/4"	L2-L4: 8'-5 5/8"	LVP	PAINT	GB-1	11	1208.1 OK; 1208.3 OK; 1208.2 OK L2-L4
1BR-B	BEDROOM	166 SF	12'-4 1/2"	L2-L4: 8'-5 5/8"	LVP	PAINT	GB-1	11	1208.1 OK; 1208.3 OK; 1208.2 OK L2-L4
ST-C	KITCHEN	88 SF	7'-6"	L2-L4: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	3	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2-L4
ST-C	STUDIO	349 SF	16'-7 1/2"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	3	1208.1 OK; 1208.3 OK; 1208.2 OK L2-L4
1BR-C	KITCHEN	153 SF	9'-7 3/4"	L2-L4: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	8	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2-L4
1BR-C	LIVING / DINING	224 SF	14'-1 1/4"	L2-L4: 8'-5 5/8"	LVP	PAINT	GB-1	8	1208.1 OK; 1208.3 OK; 1208.2 OK L2-L4
1BR-C	BEDROOM	146 SF	11'-9 1/8"	L2-L4: 8'-5 5/8"	LVP	PAINT	GB-1	8	1208.1 OK; 1208.3 OK; 1208.2 OK L2-L4
ST-D	KITCHEN	80 SF	7'-6"	L2-L4: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	7	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2-L4
ST-D	STUDIO	332 SF	16'-7 1/2"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	7	1208.1 OK; 1208.3 OK; 1208.2 OK L2-L4
1BR-D	KITCHEN	148 SF	9'-7 3/4"	L2: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	1	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2
1BR-D	LIVING / DINING	217 SF	14'-1 1/4"	L2: 8'-5 5/8"	LVP	PAINT	GB-1	1	1208.1 OK; 1208.3 OK; 1208.2 OK L2
1BR-D	BEDROOM	141 SF	11'-4 5/8"	L2: 8'-5 5/8"	LVP	PAINT	GB-1	1	1208.1 OK; 1208.3 OK; 1208.2 OK L2
ST-E	KITCHEN	86 SF	7'-6"	L2-L4: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	3	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2-L4
ST-E	STUDIO	346 SF	16'-7 1/2"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	3	1208.1 OK; 1208.3 OK; 1208.2 OK L2-L4
ST-F	KITCHEN	95 SF	7'-6"	L2: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	1	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2
ST-F	STUDIO	364 SF	16'-7 1/2"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.1 OK; 1208.3 OK; 1208.2 OK L2
ST-G	KITCHEN	87 SF	7'-6"	L2: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	1	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L2
ST-G	STUDIO	346 SF	16'-7 1/2"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.1 OK; 1208.3 OK; 1208.2 OK L2
ST-H	KITCHEN	89 SF	7'-6"	L3-L4: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	2	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L3-L4
ST-H	STUDIO	351 SF	16'-7 1/2"	L3-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	2	1208.1 OK; 1208.3 OK; 1208.2 OK L3-L4
1BR-E	KITCHEN	169 SF	9'-7 3/4"	L3-L4: 8'-5 5/8"	LVP	PAINT + TILE B/S	GB-1	2	1208.1 EXEMPT; 1208.3 EXEMPT; 1208.2 OK L3-L4
1BR-E	LIVING / DINING	247 SF	14'-1 1/4"	L3-L4: 8'-5 5/8"	LVP	PAINT	GB-1	2	1208.1 OK; 1208.3 OK; 1208.2 OK L3-L4
1BR-E	BEDROOM	160 SF	12'-4 1/2"	L3-L4: 8'-5 5/8"	LVP	PAINT	GB-1	2	1208.1 OK; 1208.3 OK; 1208.2 OK L3-L4

OTHER ROOMS (NOT HABITABLE SPACES BY THE CHAPTER 2 DEFINITION)

LAYOUT	ROOM	AREA	LEAST DIM.	CEILING	FLOOR	WALL	CLG	UNITS	SECTION 1208
ST-A ADA	BATH	60 SF	7'-6"	L2: 8'-5 5/8"	TILE	TILE (WET)	GB-1	1	1208.2 OK L2
ST-A ADA	ENTRY	12 SF	3'-4 3/4"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	NONE APPLY
ST-A ADA	LAUNDRY / MECH	14 SF	3'-4 3/4"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.2 OK L2
1BR-A ADA	ENTRY	47 SF	3'-6"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	NONE APPLY
1BR-A ADA	BATH	60 SF	7'-6"	L2: 8'-5 5/8"	TILE	TILE (WET)	GB-1	1	1208.2 OK L2
1BR-A ADA	WALK-IN CLOSET	25 SF	4'-7 1/2"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.2 OK L2
1BR-A ADA	W/D	9 SF	3'-0"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.2 OK L2
ST-B	BATH	38 SF	5'-0"	L2-L4: 8'-5 5/8"	TILE	TILE (WET)	GB-1	5	1208.2 OK L2-L4
ST-B	ENTRY	12 SF	3'-4 3/4"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	5	NONE APPLY
ST-B	LAUNDRY / MECH	12 SF	3'-4 3/4"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	5	1208.2 OK L2-L4
1BR-B	ENTRY	47 SF	3'-6"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	11	NONE APPLY
1BR-B	BATH	38 SF	5'-0"	L2-L4: 8'-5 5/8"	TILE	TILE (WET)	GB-1	11	1208.2 OK L2-L4
1BR-B	WALK-IN CLOSET	33 SF	4'-1 1/2"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	11	1208.2 OK L2-L4
1BR-B	W/D	9 SF	3'-0"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	11	1208.2 OK L2-L4
ST-C	BATH	38 SF	5'-0"	L2-L4: 8'-5 5/8"	TILE	TILE (WET)	GB-1	3	1208.2 OK L2-L4
ST-C	ENTRY	12 SF	3'-4 3/4"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	3	NONE APPLY
ST-C	LAUNDRY / MECH	12 SF	3'-4 3/4"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	3	1208.2 OK L2-L4
1BR-C	ENTRY	41 SF	3'-6"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	8	NONE APPLY
1BR-C	BATH	38 SF	5'-0"	L2-L4: 8'-5 5/8"	TILE	TILE (WET)	GB-1	8	1208.2 OK L2-L4
1BR-C	WALK-IN CLOSET	26 SF	4'-1 1/2"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	8	1208.2 OK L2-L4
1BR-C	W/D	9 SF	3'-0"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	8	1208.2 OK L2-L4
ST-D	BATH	38 SF	5'-0"	L2-L4: 8'-5 5/8"	TILE	TILE (WET)	GB-1	7	1208.2 OK L2-L4
ST-D	ENTRY	12 SF	3'-4 3/4"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	7	NONE APPLY
ST-D	LAUNDRY / MECH	12 SF	3'-4 3/4"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	7	1208.2 OK L2-L4
1BR-D	ENTRY	40 SF	3'-6"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	NONE APPLY
1BR-D	BATH	38 SF	5'-0"	L2: 8'-5 5/8"	TILE	TILE (WET)	GB-1	1	1208.2 OK L2
1BR-D	WALK-IN CLOSET	24 SF	4'-1 1/2"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.2 OK L2
1BR-D	W/D	9 SF	3'-0"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.2 OK L2
ST-E	BATH	38 SF	5'-0"	L2-L4: 8'-5 5/8"	TILE	TILE (WET)	GB-1	3	1208.2 OK L2-L4
ST-E	ENTRY	12 SF	3'-4 3/4"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	3	NONE APPLY
ST-E	LAUNDRY / MECH	12 SF	3'-4 3/4"	L2-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	3	1208.2 OK L2-L4
ST-F	BATH	38 SF	5'-0"	L2: 8'-5 5/8"	TILE	TILE (WET)	GB-1	1	1208.2 OK L2
ST-F	ENTRY	12 SF	3'-4 3/4"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	NONE APPLY
ST-F	LAUNDRY / MECH	12 SF	3'-4 3/4"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.2 OK L2
ST-G	BATH	38 SF	5'-0"	L2: 8'-5 5/8"	TILE	TILE (WET)	GB-1	1	1208.2 OK L2
ST-G	ENTRY	12 SF	3'-4 3/4"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	NONE APPLY
ST-G	LAUNDRY / MECH	12 SF	3'-4 3/4"	L2: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	1	1208.2 OK L2
ST-H	BATH	38 SF	5'-0"	L3-L4: 8'-5 5/8"	TILE	TILE (WET)	GB-1	2	1208.2 OK L3-L4
ST-H	ENTRY	12 SF	3'-4 3/4"	L3-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	2	NONE APPLY
ST-H	LAUNDRY / MECH	12 SF	3'-4 3/4"	L3-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	2	1208.2 OK L3-L4
1BR-E	ENTRY	45 SF	3'-6"	L3-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	2	NONE APPLY
1BR-E	BATH	38 SF	5'-0"	L3-L4: 8'-5 5/8"	TILE	TILE (WET)	GB-1	2	1208.2 OK L3-L4
1BR-E	WALK-IN CLOSET	31 SF	4'-1 1/2"	L3-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	2	1208.2 OK L3-L4
1BR-E	W/D	9 SF	3'-0"	L3-L4: 8'-5 5/8"	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	2	1208.2 OK L3-L4

DWELLING UNIT LAYOUTS

LAYOUT	UNITS	LARGEST ROOM	HABITABLE AREA	SECTION 1208
ST-A ADA	1	STUDIO 355 SF	436 SF	1208.3 OK
1BR-A ADA	1	LIVING / DINING 256 SF	592 SF	1208.3 OK
ST-B	5	STUDIO 366 SF	461 SF	1208.3 OK
1BR-B	11	LIVING / DINING 256 SF	598 SF	1208.3 OK
ST-C	3	STUDIO 349 SF	437 SF	1208.3 OK
1BR-C	8	LIVING / DINING 224 SF	522 SF	1208.3 OK
ST-D	7	STUDIO 332 SF	413 SF	1208.3 OK
1BR-D	1	LIVING / DINING 217 SF	506 SF	1208.3 OK
ST-E	3	STUDIO 346 SF	432 SF	1208.3 OK
ST-F	1	STUDIO 364 SF	459 SF	1208.3 OK
ST-G	1	STUDIO 346 SF	433 SF	1208.3 OK
ST-H	2	STUDIO 351 SF	440 SF	1208.3 OK
1BR-E	2	LIVING / DINING 247 SF	576 SF	1208.3 OK

FINISHES: DESIGN DEFAULT: DESIGN_ENGINE.CONSTANTS.FINISH_DEFAULTS, THE LIBRARY THE A7.1 FINISH SCHEDULE READS, BY THE ROOM'S NAME OR ITS LEADING WORDS, WITH THE IBG'S PROJECT FINISHES OVER IT; NO CODE ROW SETS A FINISH. THE CEILING IS THE REFLECTED CEILING PLAN'S GB-1 (ENGINES.CEILING_PLAN); A CELL THE LIBRARY DOES NOT HOLD PRINTS NOT PROVIDED.
SECTION 1208 COLUMN: THE CHECKS EACH ROOM'S KIND TAKES (UNDER = A ROOM-FAIL RECORD); A LEVEL WHOSE CEILING HAS NO HEIGHT IS NOT CHECKED.
THE FLOOR PLAN FINISH AND CEILING TAGS AND THE ENLARGED PLAN ROOM TAGS READ THESE RECORDS.

SHEET NOTES

1. FINISHES: SPECIFIED IN SECTIONS 09 21 00, 09 91 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.

HABITABLE SPACE SCHEDULE

SHEET

A6.7

APPLIANCE SCHEDULE — CONSTRUCTION DOCUMENTS

APPLIANCE	MANUFACTURER	MODEL	DIMENSIONS (W X D X H)	FINISH	ENERGY STAR	ELECTRICAL	LOCATION	QTY
RANGE	GE Appliances	JBS86DPWW	30 x 28 x 47.25	White	NO	240V / 40A	EACH UNIT	64
REFRIGERATOR	GE Appliances	GIE18GSNRSS	32.75 x 33.375 x 66.5	Stainless Steel	YES	120V / 20A	EACH UNIT	64
DISHWASHER	GE Appliances	GDT535PSMSS	24 x 24 x 34.625	Stainless Steel	YES	120V / 20A	EACH UNIT	64
MICROWAVE	GE Appliances	JVM3160RFSS	29.875 x 15.25 x 16.5	Stainless Steel	NO	120V / 20A	EACH UNIT	64
WASHER	GE Appliances	GTW465ASNWW	27 x 27 x 44	White	YES	120V / 20A	EACH UNIT	64
DRYER	GE Appliances	GTD42EASJWW	27 x 30 x 44	White	NO	240V / 30A	EACH UNIT	64

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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.

APPLIANCE SCHEDULE

SHEET

A6.8

FINISH SCHEDULE — DESIGN DEVELOPMENT

ROOM	UNIT TYPE	FLOOR MATERIAL	FLOOR PRODUCT	BASE TYPE	WALL MATERIAL	WALL PRODUCT	WAINSCOT	CEILING MATERIAL	CEILING PRODUCT	CEIL. HT.
Bath	1BR	TILE	Daltile Keystones Unglazed Mosaic, COLOR: Arctic White D023	TILE COVE	TILE (WET)	Daltile Keystones Unglazed Mosaic, COLOR: Arctic White D023	TILE TO 48" @ WET WALLS	GB-1	GB-1	L2-L4: 8'-5 5/8"
Bedroom	1BR	LVP	Shaw Floors Endura Plus Click, COLOR: Oyster Oak	4" RUBBER	PAINT	PAINT	NONE	GB-1	GB-1	L2-L4: 8'-5 5/8"
Entry	1BR	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	GB-1	L2-L4: 8'-5 5/8"
Kitchen	1BR	LVP	Shaw Floors Endura Plus Click, COLOR: Oyster Oak	4" RUBBER	PAINT + TILE B/S	Daltile Keystones Unglazed Mosaic, COLOR: Arctic White D023	TILE B/S @ COUNTER	GB-1	GB-1	L2-L4: 8'-5 5/8"
Living / Dining	1BR	LVP	Shaw Floors Endura Plus Click, COLOR: Oyster Oak	4" RUBBER	PAINT	PAINT	NONE	GB-1	GB-1	L2-L4: 8'-5 5/8"
W/D	1BR	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	GB-1	L2-L4: 8'-5 5/8"
Walk-In Closet	1BR	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	GB-1	L2-L4: 8'-5 5/8"
Bath	ST	TILE	Daltile Keystones Unglazed Mosaic, COLOR: Arctic White D023	TILE COVE	TILE (WET)	Daltile Keystones Unglazed Mosaic, COLOR: Arctic White D023	TILE TO 48" @ WET WALLS	GB-1	GB-1	L2-L4: 8'-5 5/8"
Entry	ST	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	GB-1	L2-L4: 8'-5 5/8"
Kitchen	ST	LVP	Shaw Floors Endura Plus Click, COLOR: Oyster Oak	4" RUBBER	PAINT + TILE B/S	Daltile Keystones Unglazed Mosaic, COLOR: Arctic White D023	TILE B/S @ COUNTER	GB-1	GB-1	L2-L4: 8'-5 5/8"
Laundry / Mech	ST	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	GB-1	L2-L4: 8'-5 5/8"
Studio	ST	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	GB-1	GB-1	L2-L4: 8'-5 5/8"
Bike Storage	-	SEALED CONC.	SEALED CONC.	SEALED CONC.	PAINT	PAINT	NONE	EXPOSED	EXPOSED	NOT PROVIDED — BY OTHERS
Corridor	-	CARPET	CARPET	4" RUBBER	PAINT	PAINT	NONE	ACT-1	Armstrong Ceilings Cortega 1205, 24 x 24 in	NOT PROVIDED — BY OTHERS
Elec Room	-	SEALED CONC.	SEALED CONC.	SEALED CONC.	PAINT	PAINT	NONE	EXPOSED	EXPOSED	NOT PROVIDED — BY OTHERS
Lobby	-	TILE	Daltile Keystones Unglazed Mosaic, COLOR: Arctic White D023	TILE COVE	PAINT	PAINT	WD VENEER TO 42"	GWB	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Mail Room	-	TILE	Daltile Keystones Unglazed Mosaic, COLOR: Arctic White D023	TILE COVE	PAINT	PAINT	NONE	ACT	Armstrong Ceilings Cortega 1205, 24 x 24 in	NOT PROVIDED — BY OTHERS
Mech Room	-	SEALED CONC.	SEALED CONC.	SEALED CONC.	PAINT	PAINT	NONE	EXPOSED	EXPOSED	NOT PROVIDED — BY OTHERS
Trash Room	-	SEALED CONC.	SEALED CONC.	FRP COVE	FRP	FRP	FRP TO 48"	GWB	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Building services reserve	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Common arrival alcove	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Common connecting lobby	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Common entrance hall	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Common return hall	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Common services hall	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
East tenant shell	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Elevator compartment	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Interior tenant support shell	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
North tenant shell 1	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
North tenant shell 2	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
South corner tenant shell	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
South tenant shell 1	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
South tenant shell 2	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Stair A compartment	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
Stair B compartment	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
West entrance-level tenant shell	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
West tenant shell	-	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS

ACOUSTIC CRITERIA

ROOM	CRITERION	NC TARGET	NC	RT TGT (S)	RT60 (S)	RECORD
LOBBY / AMENITY LOUNGE, L1	CORNELL 098000 LOBBY	45	NOT PROVIDED — BY OTHERS	1.2	NOT PROVIDED — BY OTHERS	NRG-RT-AMEN, MEP-NC-AMEN
SAME, ACT-1 CEILING	CORNELL 098000 LOBBY	-	-	1.2	NOT PROVIDED — BY OTHERS	NRG-RT-AMEN-ACT
L4-S02 STUDIO, NEAREST ERV	ASHRAE 2003 APARTMENTS	35	NOT PROVIDED — BY OTHERS	N/A	-	MEP-NC-RTU, NRG-RT-SLEEP
L2 SLEEPING ROOMS (16)	ASHRAE 2003 APARTMENTS	35	NOT PROVIDED — BY OTHERS	N/A	-	MEP-NC-L2
L3 SLEEPING ROOMS (15)	ASHRAE 2003 APARTMENTS	35	NOT PROVIDED — BY OTHERS	N/A	-	MEP-NC-L3
L4 SLEEPING ROOMS (15)	ASHRAE 2003 APARTMENTS	35	NOT PROVIDED — BY OTHERS	N/A	-	MEP-NC-L4

DUCT PATH, ROOFTOP ERV TO L4-S02 STUDIO

BY OCTAVE BAND (HZ)	63	125	250	500	1000	2000	4000	8000
PATH ATTENUATION, DB	11.6	11.4	11.4	11.5	11.6	11.6	11.6	11.5
ROOM EFFECT, SCHULTZ, DB	4.7	5.6	6.5	7.4	8.3	9.2	10.2	11.1
NC 35 CURVE, DB	60	52	45	40	36	34	33	32
ERV SOUND POWER ALLOWED, DB	76.3	69.1	63.0	58.9	55.9	54.8	54.7	54.5
ERV SOUND POWER, MFR.	NOT PROVIDED — BY OTHERS							

ERV SOUND POWER IS OWED FROM ITS MANUFACTURER AND IS NEVER ESTIMATED; EVERY ROOM'S NC WAITS ON IT.

PATH: DIVISION INTO THE TWO TRUNK LEGS UNDER THE ERV; TRUNK, 24 X 12 IN RECTANGULAR GALVANIZED STEEL DUCT, 0.57 FT, P/A 0.25; TAKEOFF TO L4-S02, 50.27 OF 338.27 SQ IN.; BRANCH, 8 IN ROUND GALVANIZED STEEL DUCT, 3 FT.

RT60 BY SABINE IN EACH OCTAVE BAND FROM 125 TO 4000 HZ, EVERY BAND HELD TO THE TARGET.

SHEET NOTES

1. ROOM FINISHES: SPECIFIED IN SECTIONS 09 21 00, 09 91 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.

FINISH SCHEDULE

SHEET

A7.1

DETAIL INDEX

EACH DETAIL IS LISTED ON THE SHEET THAT DRAWS IT.

DET.	SHEET	DETAIL TITLE
1	A3.5	ENTRY CLOSE-UP ELEVATIONS
1	A4.5	STAIR PLAN
2	A4.5	STAIR SECTION
1	A4.6	STAIR PLAN
2	A4.6	STAIR SECTION
1	A4.7	HOISTWAY PLAN
1	A5.9	WALL SECTION AT CALLOUT 1 - TYPE AE1
1	A8.02	STONE VENEER WINDOW HEAD AT LINTEL
2	A8.02	STOREFRONT HEAD W/ THROUGH-WALL FLASHING
3	A8.02	WINDOW HEAD FLASHING
4	A8.02	WINDOW JAMB FLASHING
5	A8.02	STONE VENEER WINDOW SILL
6	A8.02	STOREFRONT SILL W/ SUB-SILL FLASHING
1	A8.03	WINDOW SILL FLASHING
2	A8.03	WINDOW TYPE A: CASEMENT
3	A8.03	WINDOW TYPE B: CASEMENT
4	A8.03	WINDOW TYPE C: CASEMENT
5	A8.03	WINDOW TYPE D: CASEMENT
6	A8.03	WINDOW TYPE E: FIXED
1	A8.04	WINDOW TYPE F: FIXED
2	A8.04	WINDOW TYPE G: FIXED
3	A8.04	WINDOW TYPE H: FIXED
4	A8.04	WINDOW TYPE I: FIXED
5	A8.04	WINDOW TYPE J: FIXED
6	A8.04	WINDOW TYPE K: FIXED
1	A8.05	WINDOW TYPE L: FIXED
2	A8.05	WINDOW TYPE M: FIXED
3	A8.05	WINDOW TYPE N: FIXED
4	A8.05	WINDOW TYPE O: FIXED
5	A8.05	WINDOW TYPE P: FIXED
6	A8.05	WINDOW TYPE Q: FIXED
1	A8.06	WINDOW TYPE R: FIXED
2	A8.06	WINDOW TYPE S: FIXED
3	A8.06	WINDOW TYPE T: FIXED
1	A8.07	EXTERIOR SWING DOOR THRESHOLD
2	A8.07	HOLLOW METAL FRAME HEAD
3	A8.07	HOLLOW METAL FRAME JAMB
4	A8.07	HOLLOW METAL FRAME SILL / FLOOR TRANSITION
5	A8.07	POCKET DOOR SPLIT-STUD FRAME
6	A8.07	POCKET DOOR HEAD W/ TRACK
1	A8.08	ADA STOREFRONT THRESHOLD
2	A8.08	DOOR TYPE A: UNIT ENTRY
3	A8.08	DOOR TYPE B: UNIT ENTRY
4	A8.08	DOOR TYPE C: UNIT ENTRY
5	A8.08	DOOR TYPE D: UNIT ENTRY
6	A8.08	DOOR TYPE E: UNIT ENTRY
1	A8.09	DOOR TYPE F: UNIT ENTRY
2	A8.09	DOOR TYPE G: TENANT ENTRY
3	A8.09	DOOR TYPE H: INTERIOR
4	A8.09	DOOR TYPE I: BATH
5	A8.09	DOOR TYPE J: STAIR
6	A8.09	DOOR TYPE K: STAIR
1	A8.10	DOOR TYPE L: STAIR
1	A8.11	BELLY BAND TRIM TRANSITION
2	A8.11	WRAPPED COLUMN SECTION
3	A8.11	VERTICAL CONTROL / EXPANSION JOINT
4	A8.11	DOWNSPOUT TO LEADER BOOT AT WALL
5	A8.11	FIBER CEMENT OUTSIDE CORNER
6	A8.11	STONE VENEER OUTSIDE CORNER
1	A8.12	WEEP SCREED AT BASE OF WALL
1	A8.13	CRICKET / SADDLE BEHIND CURB
2	A8.13	ROOF ACCESS HATCH CURB
3	A8.13	MEMBRANE BASE FLASHING AT WALL
4	A8.13	OVERFLOW / SECONDARY DRAIN
5	A8.13	TALL PARAPET AT ROOF EDGE
6	A8.13	LOW PARAPET AT ROOF EDGE
1	A8.14	PIPE PENETRATION BOOT
2	A8.14	THROUGH-WALL SCUPPER + CONDUCTOR HEAD
1	A8.15	PERMANENT TRUSS BRACING REFERENCE
2	A8.15	GABLE END FRAME BRACING
1	A9.1	ACCESSIBLE GRAB BARS
2	A9.1	ACCESSIBLE LAVATORY
3	A9.1	ACCESSIBLE LAVATORY PIPE PROTECTION
4	A9.1	ACCESSIBLE MIRROR & ACCESSORIES
5	A9.1	ACCESSIBLE RESTROOM SIGNAGE
6	A9.1	ACCESSIBLE ROLL-IN SHOWER
1	A9.2	ACCESSIBLE TRANSFER SHOWER
2	A9.2	ACCESSIBLE TURNING SPACE
3	A9.2	ACCESSIBLE WATER CLOSET
4	A9.2	RESTROOM FLOOR WATERPROOFING
1	A9.3	KITCHEN (1BR)
3	A9.3	KITCHEN (ST)
4	A9.3	LAVATORY (1BR, ST)
1	A9.4	LAVATORY, ACCESSIBLE (1BR, ST)
1	A9.5	ACCESSIBLE COUNTER
2	A9.5	ARCHED OPENING

8 MORE DETAILS ARE DRAWN THAN THIS SHEET LISTS. SEE THE DETAIL SHEETS.

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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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

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DETAIL INDEX

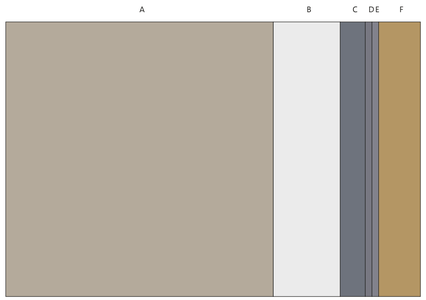
SHEET

A8.01

1. STONE VENEER WINDOW HEAD AT LINTEL

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_HEAD_STONE_VENEER - STONE_VENEER



A: STONE VENEER: 4 IN
B: AIR / DRAINAGE CAVITY: 1 IN
C: STEEL RELIEVING ANGLE: 0.375 IN
D: THROUGH-WALL FLASHING: 0.1 IN
E: AIR / WATER BARRIER: 0.1 IN
F: EXTERIOR SHEATHING: 0.625 IN

INSTALLER RESPONSIBILITIES

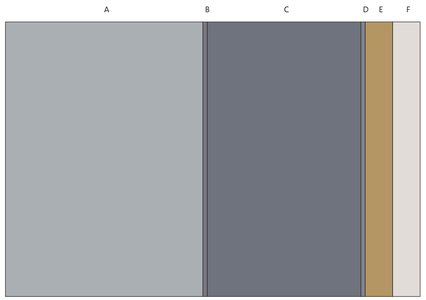
1. INSTALLER: SET STEEL LINTEL / RELIEVING ANGLE OVER OPENING PER STRUCT. — 11
2. INSTALLER: INSTALL THROUGH-WALL FLASHING ON ANGLE, TURN UP 8" AT BACK — 12
3. INSTALLER: LAP AIR / WATER BARRIER OVER FLASHING, SHINGLE FASHION — 14
4. INSTALLER: INSTALL WEEPS IN HEAD JOINT ABOVE FLASHING AT 24" O.C. — 16
5. INSTALLER: LAY STONE VENEER ON LINTEL W/ DRIP AT SOFFIT OF ANGLE — 40

STEEL ANGLE: PER STRUCT., 4" BEARING MIN. EA. END
FLASHING TURN-UP: 8" MIN. BEHIND WRB
WEEP SPACING: 24" O.C. MAX ABOVE FLASHING
AIR SPACE / DRAINAGE: 1" MIN. CLEAR CAVITY

2. STOREFRONT HEAD W/ THROUGH-WALL FLASHING

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_HEAD_STOREFRONT - STOREFRONT



A: ALUMINUM HEAD W/ THERMAL BREAK: 4.5 IN
B: THROUGH-WALL FLASHING: 0.1 IN
C: STEEL LINTEL / HEADER: 3.5 IN
D: AIR BARRIER / WRB: 0.1 IN
E: EXTERIOR SHEATHING: 0.625 IN
F: GYP. BD. RETURN: 0.625 IN

INSTALLER RESPONSIBILITIES

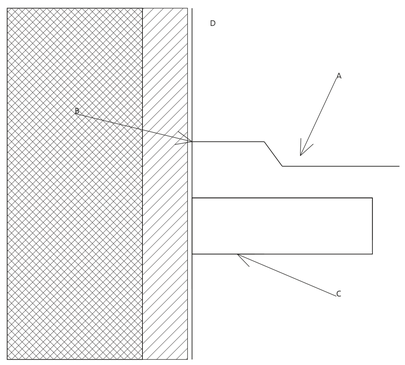
1. INSTALLER: SET ALUMINUM STOREFRONT HEAD W/ THERMAL BREAK IN OPENING — 11
2. INSTALLER: INSTALL CONT. THROUGH-WALL FLASHING ABOVE HEAD W/ END DAMS — 14
3. INSTALLER: LAP WRB / AIR BARRIER OVER FLASHING, SHINGLE FASHION — 16
4. INSTALLER: SET CONT. SEALANT + BACKER ROD AT PERIMETER OF FRAME — 17

THERMAL BREAK: POURED + DEBRIDGED, CONT.
THRU-WALL FLASHING LAP: 6" MIN. PAST JAMB EA. SIDE
PERIMETER SEALANT: 1/2" W/ BACKER ROD; BOTH FACES
FRAME ANCHORAGE: PER STRUCT., 24" O.C. MAX — 40

3. WINDOW HEAD FLASHING

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_HEAD_VINYL - VINYL



A: METAL DRIP CAP W/ END DAMS
B: WRB LAP OVER FLASHING
C: SEALANT + BACKER ROD
D: HEAD

INSTALLER RESPONSIBILITIES

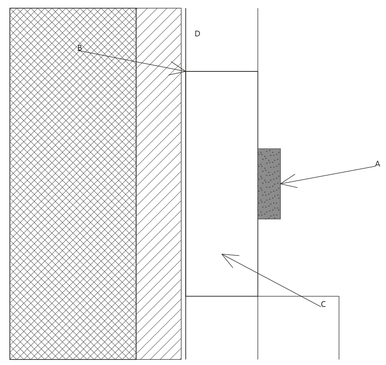
1. INSTALLER: SET WINDOW IN ROUGH OPENING, FASTEN NAILING FLANGE PER MFR — 11
2. INSTALLER: INSTALL SELF-ADHERED FLASHING OVER HEAD FLANGE, EXTEND 4" PAST JAMBS — 14
3. INSTALLER: SET PREFINISHED METAL HEAD DRIP CAP OVER FLANGE W/ END DAMS — 17
4. INSTALLER: LAP WRB DOWN OVER DRIP CAP + HEAD FLASHING, SHINGLE FASHION — 19
5. INSTALLER: TAPE WRB LAP CONTINUOUS; LEAVE NO REVERSE LAPS

HEAD FLASHING LAP: 4" MIN. PAST JAMB EA. SIDE
DRIP CAP PROJECTION: 1/2" BEYOND FACE OF CLADDING
WRB LAP OVER FLASHING: 2" MIN., SHINGLE FASHION
FLANGE FASTENERS: PER MFR, 8" O.C. MAX

4. WINDOW JAMB FLASHING

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_JAMB_VINYL - VINYL



A: SEALANT + BACKER ROD
B: JAMB FLASHING + WRB LAP
C: SHIM AT FASTENERS
D: JAMB

INSTALLER RESPONSIBILITIES

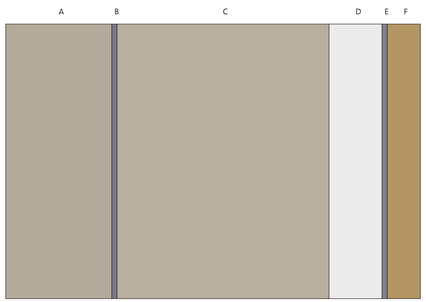
1. INSTALLER: INSTALL SELF-ADHERED JAMB FLASHING OVER FLANGE, LAP SILL PAN — 11
2. INSTALLER: FLASH JAMBS BEFORE HEAD, AFTER SILL PAN; SHINGLE FASHION — 17
3. INSTALLER: LAP WRB OVER JAMB FLASHING, TAPE CONTINUOUS — 19
4. INSTALLER: BACKER ROD + SEALANT AT INTERIOR JAMB FOR AIR SEAL

JAMB FLASHING WIDTH: 6" MIN. OVER FLANGE + WRB
SHIM SPACING: PER MFR, AT EACH FASTENER
SEALANT JOINT: 3/8" MIN. W/ BACKER ROD
FLANGE FASTENERS: PER MFR, 8" O.C. MAX

5. STONE VENEER WINDOW SILL

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_SILL_STONE_VENEER - STONE_VENEER



A: STONE SILL: 2 IN
B: PAN FLASHING: 0.1 IN
C: STONE VENEER: 4 IN
D: AIR / DRAINAGE CAVITY: 1 IN
E: AIR / WATER BARRIER: 0.1 IN
F: EXTERIOR SHEATHING: 0.625 IN

INSTALLER RESPONSIBILITIES

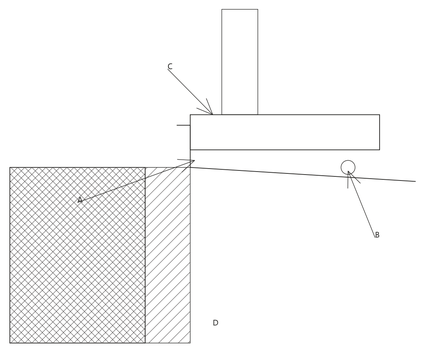
1. INSTALLER: INSTALL PAN FLASHING UNDER OPENING, TURN UP 6" AT BACK-DAM — 11
2. INSTALLER: LAP PAN FLASHING OVER VENEER FLASHING BELOW, SHINGLE FASHION — 12
3. INSTALLER: SET STONE SILL SLOPED 15 DEG W/ DRIP CUT AT UNDERSIDE — 17
4. INSTALLER: PROVIDE WEEPS BELOW SILL; SEAL JAMBS + HEAD ONLY — 19

STONE SILL SLOPE: 15 DEG MIN. (WASH) TO EXTERIOR
SILL OVERHANG: 1-1/2" BEYOND VENEER FACE
DRIP KERF: 1/2" x 1/2" AT UNDERSIDE
PAN BACK-DAM: 6" MIN. UP BEHIND WRB

6. STOREFRONT SILL W/ SUB-SILL FLASHING

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_SILL_STOREFRONT - STOREFRONT



A: SUB-SILL FLASHING SLOPED TO EXT
B: WEEP HOLES, SILL UNSEALED
C: END DAM AT JAMB
D: SILL

INSTALLER RESPONSIBILITIES

1. INSTALLER: INSTALL CONT. SUB-SILL FLASHING SLOPED TO EXTERIOR — 11
2. INSTALLER: FORM SOLDERED OR HEAT-WELDED END DAMS AT EACH JAMB — 12
3. INSTALLER: SET STOREFRONT SILL OVER SUB-SILL ON SETTING BLOCKS — 17
4. INSTALLER: PROVIDE WEEP HOLES AT GLAZING POCKET, DO NOT SEAL SILL — 19

SUB-SILL SLOPE: 5 DEG MIN. TO EXTERIOR
END DAM HEIGHT: 1" MIN. ABOVE SILL
WEEP SPACING: 24" O.C. MAX, 2 PER LITE MIN
SETTING BLOCKS: AT 1/4 POINTS, SHORE A 85

SHEET NOTES

1. WINDOWS: SPECIFIED IN SECTION 08 54 13.

KEYNOTES

1. SELF-ADHERED MEMBRANE FLASHING AT OPENING: SECTION 07 65 00
2. WEEP SCREED AT BASE OF WALL: SECTION 09 24 00
3. THROUGH-WALL FLASHING WITH END DAMS: SECTION 07 65 00
4. DRIP EDGE FLASHING AT HEAD: SECTION 07 62 00
5. BUILDING WRAP - LAP PER MANUFACTURER: SECTION 07 25 00
6. BACKER ROD AND SEALANT - TYP.: SECTION 07 92 00
7. CONCRETE FOUNDATION - SEE STRUCTURAL DETAILS: SECTION 03 30 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
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REVIEW

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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.

WINDOW INSTALLATION DETAILS

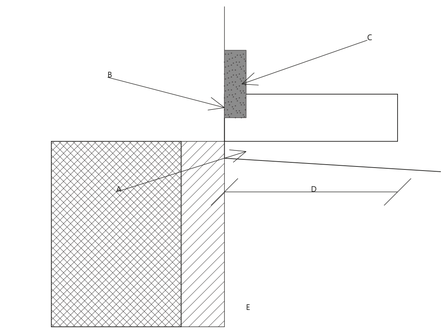
SHEET

A8.02

1. WINDOW SILL FLASHING

NTS · TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_SILL_VINYL · VINYL



A: SILL PAN, SLOPE 5 DEG TO EXT
B: BACK-DAM, WRB LAP OVER
C: INT. SEALANT; SILL UNSEALED
D: SLOPE TO EXT
E: SILL

INSTALLER RESPONSIBILITIES

1. INSTALLER: INSTALL SILL PAN FLASHING, SLOPED 5 DEG TO EXTERIOR
2. INSTALLER: LAP WRB OVER SILL PAN BACK-DAM, SHINGLE FASHION
3. INSTALLER; SET WINDOW IN CONTINUOUS SEALANT BEAD AT JAMBS + HEAD ONLY
4. INSTALLER: LEAVE SILL UNSEALED FOR DRAINAGE; BACKER ROD + SEALANT AT INTERIOR

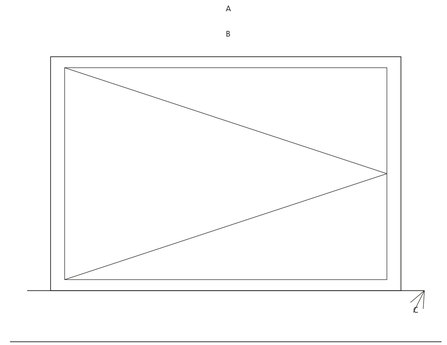
ROUGH OPENING: 1/2" LARGER THAN FRAME EA. SIDE
SILL PAN SLOPE: 5 DEG MIN. TO EXTERIOR
FLANGE FASTENERS: PER MFR, 8" O.C. MAX

11 17 19

2. WINDOW TYPE A: CASEMENT

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_A · BEDROOM, 1 WINDOWS



A: TYPE A
B: 6'-10" x 4'-6"
C: SILL 2'-6" AFF

OPENING RECORD

OPERATION: OPERABLE - SIDE HINGED
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: F2090 DEVICE, WOCD OR 4 IN SPHERE (1015.8)
SAFETY GLZ: NONE (2406.4)

3. WINDOW TYPE B: CASEMENT

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_B · BEDROOM, 8 WINDOWS

A: TYPE B
B: 7'-1" x 4'-6"
C: SILL 2'-6" AFF

OPENING RECORD

OPERATION: OPERABLE - SIDE HINGED
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: F2090 DEVICE, WOCD OR 4 IN SPHERE (1015.8)
SAFETY GLZ: NONE (2406.4)

4. WINDOW TYPE C: CASEMENT

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_C · BEDROOM, 2 WINDOWS

A: TYPE C
B: 7'-9" x 4'-6"
C: SILL 2'-6" AFF

OPENING RECORD

OPERATION: OPERABLE - SIDE HINGED
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: F2090 DEVICE, WOCD OR 4 IN SPHERE (1015.8)
SAFETY GLZ: NONE (2406.4)

5. WINDOW TYPE D: CASEMENT

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_D · BEDROOM, 12 WINDOWS

A: TYPE D
B: 8'-1" x 4'-6"
C: SILL 2'-6" AFF

OPENING RECORD

OPERATION: OPERABLE - SIDE HINGED
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: F2090 DEVICE, WOCD OR 4 IN SPHERE (1015.8)
SAFETY GLZ: NONE (2406.4)

6. WINDOW TYPE E: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_E · LIVING / DINING, 1 WINDOWS

A: TYPE E
B: 10'-9" x 6'-0"
C: SILL 1'-6" AFF

OPENING RECORD

OPERATION: NON-OPERABLE
EGRESS OPNG: N/A; NOT A SLEEPING ROOM
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

SHEET NOTES

1. WINDOWS: SPECIFIED IN SECTION 08 54 13.

KEYNOTES

1. SELF-ADHERED MEMBRANE FLASHING AT OPENING: SECTION 07 65 00
2. BUILDING WRAP - LAP PER MANUFACTURER: SECTION 07 25 00
3. BACKER ROD AND SEALANT - TYP.: SECTION 07 92 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

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PROJECT

Architecture.Engineering — L courtyard study

FICTIONAL STUDY: NO REAL PARCEL
ARCHITECTUREENGINEERING — 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

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WINDOW INSTALLATION DETAILS (CONT.)

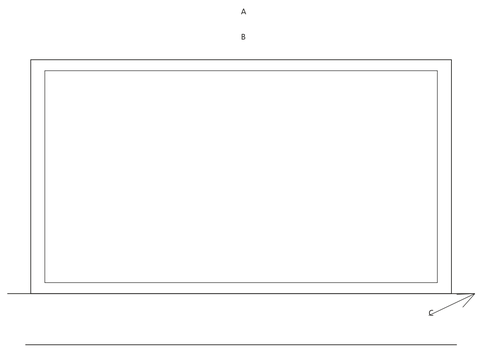
SHEET

A8.03

1. WINDOW TYPE F: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_F · LIVING / DINING, 8 WINDOWS



OPENING RECORD

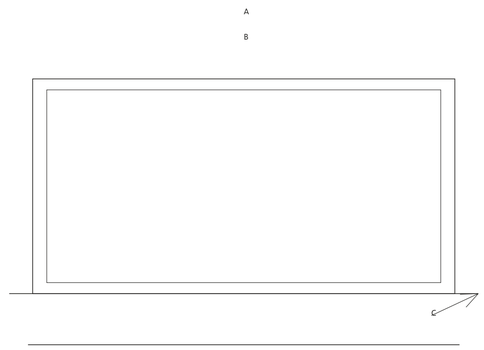
OPERATION: NON-OPERABLE
EGRESS OPNG: N/A; NOT A SLEEPING ROOM
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE F
B: 11'-1" x 6'-0"
C: SILL 1'-6" AFF

2. WINDOW TYPE G: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_G · LIVING / DINING, 2 WINDOWS



OPENING RECORD

OPERATION: NON-OPERABLE
EGRESS OPNG: N/A; NOT A SLEEPING ROOM
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE G
B: 12'-3" x 6'-0"
C: SILL 1'-6" AFF

3. WINDOW TYPE H: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_H · LIVING / DINING, 12 WINDOWS

OPENING RECORD

OPERATION: NON-OPERABLE
EGRESS OPNG: N/A; NOT A SLEEPING ROOM
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE H
B: 12'-9" x 6'-0"
C: SILL 1'-6" AFF

4. WINDOW TYPE I: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_I · RESIDENT LOUNGE, 3 WINDOWS

OPENING RECORD

OPERATION: NON-OPERABLE
EGRESS OPNG: N/A; NOT A SLEEPING ROOM
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE I
B: 8'-0" x 6'-0"
C: SILL 1'-6" AFF

5. WINDOW TYPE J: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_J · RESIDENT READING ROOM, 3 WINDOWS

OPENING RECORD

OPERATION: NON-OPERABLE
EGRESS OPNG: N/A; NOT A SLEEPING ROOM
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE J
B: 6'-0" x 6'-0"
C: SILL 1'-6" AFF

6. WINDOW TYPE K: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_K · SHARED LAUNDRY ROOM, 6 WINDOWS

OPENING RECORD

OPERATION: NON-OPERABLE
EGRESS OPNG: N/A; NOT A SLEEPING ROOM
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE K
B: 8'-0" x 6'-0"
C: SILL 1'-6" AFF

SHEET NOTES

1. WINDOWS: SPECIFIED IN SECTION 08 54 13.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
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ELECTRICAL	NOT PROVIDED — BY OTHERS
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FIRE PROTECTION	NOT PROVIDED — BY OTHERS
GEOTECHNICAL	NOT PROVIDED — BY OTHERS

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REVISIONS

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REGISTER

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Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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WINDOW INSTALLATION DETAILS (CONT.)

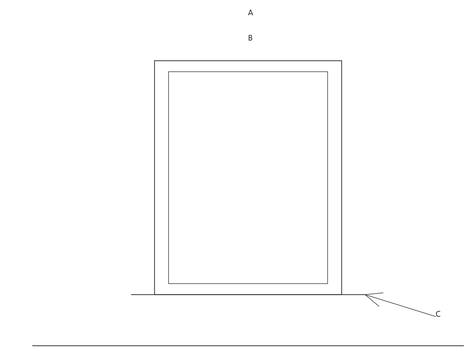
SHEET

A8.04

1. WINDOW TYPE L: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_L · STAIR LANDING, 8 WINDOWS



OPENING RECORD

OPERATION: NON-OPERABLE
EGRESS OPNG: N/A; NOT A SLEEPING ROOM
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE L
B: 3'-0" x 4'-0"
C: SILL 3'-0" AFF

2. WINDOW TYPE M: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_M · STUDIO, 7 WINDOWS



OPENING RECORD

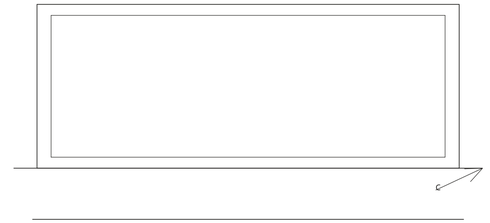
OPERATION: NON-OPERABLE
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE M
B: 16'-0" x 6'-0"
C: SILL 1'-6" AFF

3. WINDOW TYPE N: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_N · STUDIO, 3 WINDOWS



OPENING RECORD

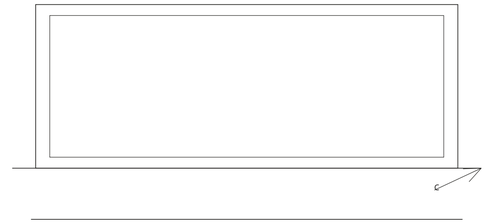
OPERATION: NON-OPERABLE
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE N
B: 16'-8" x 6'-0"
C: SILL 1'-6" AFF

4. WINDOW TYPE O: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_O · STUDIO, 1 WINDOWS



OPENING RECORD

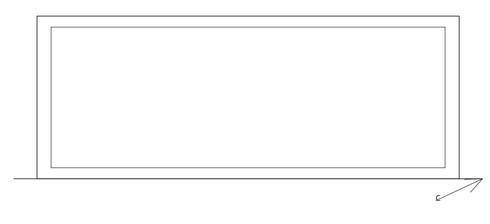
OPERATION: NON-OPERABLE
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE O
B: 16'-8" x 6'-0"
C: SILL 1'-6" AFF

5. WINDOW TYPE P: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_P · STUDIO, 3 WINDOWS



OPENING RECORD

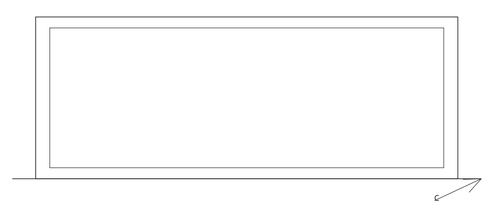
OPERATION: NON-OPERABLE
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE P
B: 16'-10" x 6'-0"
C: SILL 1'-6" AFF

6. WINDOW TYPE Q: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_Q · STUDIO, 2 WINDOWS



OPENING RECORD

OPERATION: NON-OPERABLE
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE Q
B: 16'-11" x 6'-0"
C: SILL 1'-6" AFF

SHEET NOTES

1. WINDOWS: SPECIFIED IN SECTION 08 54 13.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
MECHANICAL	NOT PROVIDED — BY OTHERS
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OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

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REGISTER

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

OPEN ISSUE

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WINDOW INSTALLATION DETAILS (CONT.)

SHEET

A8.05

1. WINDOW TYPE R: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_R · STUDIO, 1 WINDOWS



OPENING RECORD

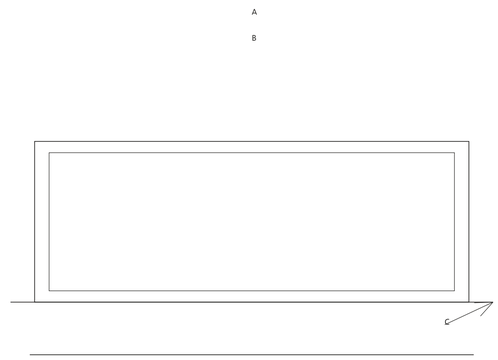
OPERATION: NON-OPERABLE
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE R
B: 17'-6" x 6'-0"
C: SILL 1'-6" AFF

2. WINDOW TYPE S: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_S · STUDIO, 6 WINDOWS



OPENING RECORD

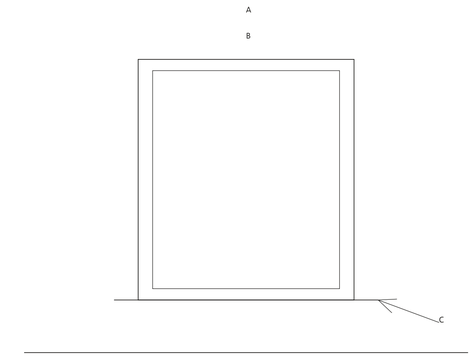
OPERATION: NON-OPERABLE
EGRESS OPNG: NOT REQ'D (1031.2)
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE S
B: 17'-7" x 6'-0"
C: SILL 1'-6" AFF

3. WINDOW TYPE T: FIXED

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

WINDOW_TYPE_T · TENANT SHELL, 37 WINDOWS



OPENING RECORD

OPERATION: NON-OPERABLE
EGRESS OPNG: N/A: NOT A SLEEPING ROOM
SILL: NONE (1015.8)
SAFETY GLZ: NONE (2406.4)

A: TYPE T
B: 6'-0" x 7'-0"
C: SILL 2'-0" AFF

SHEET NOTES

1. WINDOWS: SPECIFIED IN SECTION 08 54 13.

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
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REVISIONS

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WINDOW INSTALLATION DETAILS (CONT.)

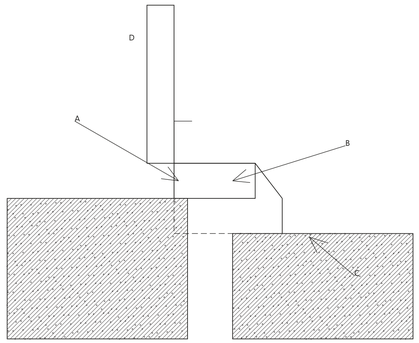
SHEET

A8.06

1. EXTERIOR SWING DOOR THRESHOLD

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_EXTERIOR_SWING_THRESHOLD



A: SILL PAN W/ BACK-DAM
B: ALUM THRESHOLD IN SEALANT
C: SLAB SLOPE 1/4:12 AWAY
D: DOOR

INSTALLER RESPONSIBILITIES

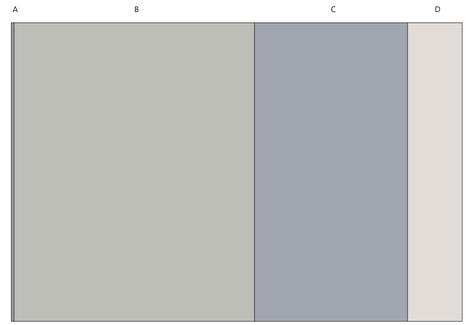
1. INSTALLER: INSTALL SILL PAN FLASHING W/ BACK-DAM + END DAMS UNDER OPENING — 11
2. INSTALLER: SET ALUMINUM THRESHOLD ON PAN IN CONT. SEALANT BED — 13
3. INSTALLER: MOUNT ADJUSTABLE DOOR SWEEP / BOTTOM SEAL TO DOOR — 17
4. INSTALLER: PROVIDE DRIP CAP + WEEPS AT EXTERIOR FACE OF THRESHOLD — 19

MAX THRESHOLD HEIGHT: 1/2" MAX, BEVELED 1:2
SILL PAN BACK-DAM: 1" MIN. UP BEHIND FRAME
DOOR SWEEP: ADJUSTABLE, FULL CONTACT
SLAB SLOPE: 1/4":12 AWAY FROM DOOR

2. HOLLOW METAL FRAME HEAD

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_HM_FRAME_HEAD



A: HM FRAME HEAD: 0.0625 IN
B: GROUT FILL: 5.5 IN
C: METAL STUD HEADER: 3.5 IN
D: GYP. BD. (2 LAYERS): 1.25 IN

OPENING RECORD

FRAME GAUGE: 16 GA. WELDED HM, FACTORY PRIMED — 27
GROUT FILL: FULL, AT RATED + EXTERIOR FRAMES — 35
HEAD ANCHORS: 2 PER JAMB MIN. AT HEAD — 36
THROAT: TO SUIT WALL + 2 LAYERS GYP. — 38

3. HOLLOW METAL FRAME JAMB

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_HM_FRAME_JAMB

A: HM FRAME JAMB: 0.0625 IN
B: GROUT FILL: 5.5 IN
C: METAL STUD: 3.5 IN
D: GYP. BD. (2 LAYERS): 1.25 IN

OPENING RECORD

FRAME GAUGE: 16 GA. WELDED HM, FACTORY PRIMED — 27
JAMB ANCHORS: 3 PER JAMB TO 7'-6", +1 EA. 2'-6" — 35
GROUT FILL: FULL AT RATED + EXTERIOR FRAMES — 36
SILENCERS: 3 PER STRIKE JAMB — 38

4. HOLLOW METAL FRAME SILL / FLOOR TRANSITION

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_HM_FRAME_SILL

A: HM FRAME, GROUT SOLID
B: ALUM THRESHOLD, BEVEL 1:2
C: CONT. SEALANT BED
D: SILL

INSTALLER RESPONSIBILITIES

1. INSTALLER: SET HM FRAME JAMBS ON FLOOR ANCHOR CLIPS, PLUMB + SQUARE — 13
2. INSTALLER: GROUT FRAME BASE SOLID AT EXTERIOR + RATED CONDITIONS — 27
3. INSTALLER: SET ALUMINUM THRESHOLD IN CONT. SEALANT BED — 35
4. INSTALLER: FINISH FLOOR TO THRESHOLD W/ 1/2" MAX BEVELED TRANSITION — 38

FLOOR ANCHOR: 1 PER JAMB, FASTEN TO SLAB
THRESHOLD TRANSITION: 1/2" MAX, BEVELED 1:2
SEALANT BED: CONT. UNDER THRESHOLD
GROUT FILL: SOLID AT FRAME BASE

5. POCKET DOOR SPLIT-STUD FRAME

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_POCKET_FRAME

A: GYP. BD.: 0.625 IN
B: SPLIT STUD (NEAR): 0.75 IN
C: POCKET CAVITY: 1.75 IN
D: SPLIT STUD (FAR): 0.75 IN
E: GYP. BD.: 0.625 IN

OPENING RECORD

SPLIT STUDS: MFR STEEL-WRAPPED, 16" O.C. — 27
POCKET CLEAR: DOOR THICKNESS + 1" MIN — 35
GYP. FASTENERS: 1" SCREWS ONLY, NO PENETRATION OF DOOR PATH — 38
STUD WIDTH: 2x4 NOM., SLOTTED TRACK

6. POCKET DOOR HEAD W/ TRACK

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_POCKET_HEAD

A: CONT. HEADER PER STRUCT
B: MFR HD TRACK ON HEADER
C: DOOR IN POCKET, +1" CLEAR
D: HEAD

INSTALLER RESPONSIBILITIES

1. INSTALLER: INSTALL CONT. P.T. OR LVL HEADER OVER ROUGH OPENING — 27
2. INSTALLER: FASTEN OVERHEAD TRACK TO HEADER PER MFR, LEVEL + STRAIGHT — 35
3. INSTALLER: HANG DOOR ON TROLLEYS, ADJUST FOR 3/16" FLOOR CLEARANCE — 38
4. INSTALLER: SET SPLIT-JAMB HEAD TRIM, MAINTAIN POCKET CLEARANCE

TRACK: MFR HD TRACK, RATED 2x DOOR WT
HEADER: PER STRUCT., CONT. OVER POCKET
FLOOR CLEARANCE: 3/16" UNDER DOOR
POCKET CLEAR: DOOR THICKNESS + 1" MIN

SHEET NOTES

1. DOORS: SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.

KEYNOTES

1. SELF-ADHERED MEMBRANE FLASHING AT OPENING: SECTION 07 65 00
2. SEALANT JOINT - SEE DETAIL: SECTION 07 92 00
3. BUILDING WRAP - LAP PER MANUFACTURER: SECTION 07 25 00
4. BACKER ROD AND SEALANT - TYP.- SECTION 07 92 00
5. 1-HR FIRE-RATED ASSEMBLY - SEE SCHEDULE: SECTION 09 21 00
6. CONTINUOUS HEADER - SEE STRUCTURAL: SECTION 06 10 00
7. SIMPSON HOLDOWN - SEE STRUCTURAL SCHEDULE: SECTION 06 10 00
8. STEEL BEAM - SEE STRUCTURAL FRAMING PLAN: SECTION 05 12 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

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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

MARKDATE	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.

DOOR DETAILS

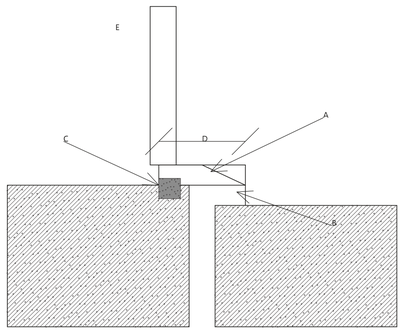
SHEET

A8.07

1. ADA STOREFRONT THRESHOLD

NTS · TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_STOREFRONT_THRESHOLD



A: ALUM THRESHOLD, S.S. FASTENERS
B: BEVEL 1:2 OVER 1/4"
C: CONT. SEALANT BED
D: 1/2" MAX HT
E: ADA THRESHOLD

INSTALLER RESPONSIBILITIES

1. INSTALLER: SET ALUMINUM THRESHOLD IN CONT. SEALANT ON SLAB
2. INSTALLER: ANCHOR THRESHOLD W/ STAINLESS FASTENERS, COUNTERSUNK
3. INSTALLER: BEVEL CHANGE IN LEVEL OVER 1/4" AT 1:2 MAX SLOPE
4. INSTALLER: SEAL THRESHOLD-TO-FRAME JOINTS CONTINUOUS

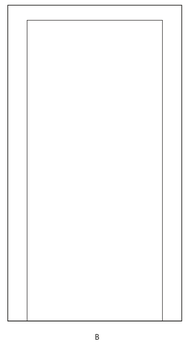
MAX THRESHOLD HEIGHT: 1/2" (1/4" VERT + 1/4" BEVEL)
BEVEL SLOPE: 1:2 MAX ABOVE 1/4"
CLEAR WIDTH: 32" MIN. AT DOOR
SEALANT BED: CONT. UNDER + AT JAMBS

13 17 27 31

2. DOOR TYPE A: UNIT ENTRY

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_A · CW-1 1 HR



A: TYPE A
B: 3'-0" x 6'-8"

OPENING RECORD

RATING: 20-MIN FIRE DOOR, D-20 (TABLE 716.1(2))
VISION LITE: NONE
HARDWARE: SET HS-1
DOORS: 57 ON THE ELEMENT FILE

3. DOOR TYPE B: UNIT ENTRY

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_B · CW-1 1 HR

A: TYPE B
B: 3'-0" x 7'-0"

OPENING RECORD

RATING: 45-MIN FIRE DOOR, D-H-45 (TABLE 716.1(2))
VISION LITE: NONE
HARDWARE: SET HS-1
DOORS: 6 ON THE ELEMENT FILE

4. DOOR TYPE C: UNIT ENTRY

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_C · DW-2 1 HR

A: TYPE C
B: 3'-0" x 7'-0"

OPENING RECORD

RATING: 45-MIN FIRE DOOR, D-H-45 (TABLE 716.1(2))
VISION LITE: NONE
HARDWARE: SET HS-1
DOORS: 1 ON THE ELEMENT FILE

5. DOOR TYPE D: UNIT ENTRY

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_D · EW-1 0 HR

A: TYPE D
B: 6'-0" x 7'-0"

OPENING RECORD

RATING: NONE REQUIRED (HOST WALL 0 HR)
VISION LITE: NONE
HARDWARE: SET HS-1
DOORS: 2 ON THE ELEMENT FILE

6. DOOR TYPE E: UNIT ENTRY

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_E · SF-1 2 HR

A: TYPE E
B: 3'-6" x 7'-0"

OPENING RECORD

RATING: 90-MIN FIRE DOOR, D-H-90 (TABLE 716.1(2))
VISION LITE: NONE
HARDWARE: SET HS-1
DOORS: 1 ON THE ELEMENT FILE

SHEET NOTES

1. DOORS: SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.

KEYNOTES

1. SEALANT JOINT - SEE DETAIL: SECTION 07 92 00
2. BUILDING WRAP - LAP PER MANUFACTURER: SECTION 07 25 00
3. 1-HR FIRE-RATED ASSEMBLY - SEE SCHEDULE: SECTION 09 21 00
4. FIRE CAULK ALL JOINTS IN RATED ASSEMBLY: SECTION 07 84 00

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
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OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

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Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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DOOR DETAILS (CONT.)

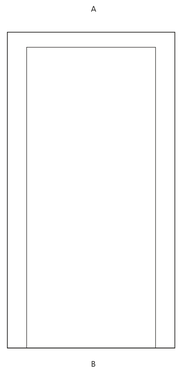
SHEET

A8.08

1. DOOR TYPE F: UNIT ENTRY

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_F · SF-1 2 HR



A: TYPE F
B: 3'-0" x 7'-0"

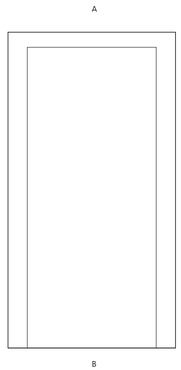
OPENING RECORD

RATING: NOT PROVIDED — BY OTHERS
VISION LITE: NONE
HARDWARE: SET HS-1
DOORS: 3 ON THE ELEMENT FILE

2. DOOR TYPE G: TENANT ENTRY

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_G · DW-2 1 HR



A: TYPE G
B: 3'-0" x 7'-0"

OPENING RECORD

RATING: 45-MIN FIRE DOOR, D-H-45 (TABLE 716.1(2))
VISION LITE: NONE
HARDWARE: SET HS-4
DOORS: 9 ON THE ELEMENT FILE

3. DOOR TYPE H: INTERIOR

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_H · PW-1 0 HR

A: TYPE H
B: 3'-0" x 6'-8"

OPENING RECORD

RATING: NONE REQUIRED (HOST WALL 0 HR)
VISION LITE: NONE
HARDWARE: SET HS-2
DOORS: 69 ON THE ELEMENT FILE

4. DOOR TYPE I: BATH

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_I · PW-1 0 HR

A: TYPE I
B: 3'-0" x 6'-8"

OPENING RECORD

RATING: NONE REQUIRED (HOST WALL 0 HR)
VISION LITE: NONE
HARDWARE: SET HS-3
DOORS: 46 ON THE ELEMENT FILE

5. DOOR TYPE J: STAIR

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_J · STAIR ENCLOSURE 2 HR (1023.2), IN CW-1

A: TYPE J
B: 3'-0" x 7'-0"
C: LITE 100 SQ IN MAX

OPENING RECORD

RATING: 90-MIN FIRE DOOR, D-H-90 (TABLE 716.1(2))
VISION LITE: 100 SQ IN MAX, 716.2.5.2
HARDWARE: SET HS-5
DOORS: 6 ON THE ELEMENT FILE

6. DOOR TYPE K: STAIR

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_K · STAIR ENCLOSURE 2 HR (1023.2), IN EW-1

A: TYPE K
B: 3'-0" x 7'-0"
C: LITE 100 SQ IN MAX

OPENING RECORD

RATING: 90-MIN FIRE DOOR, D-H-90 (TABLE 716.1(2))
VISION LITE: 100 SQ IN MAX, 716.2.5.2
HARDWARE: SET HS-5
DOORS: 1 ON THE ELEMENT FILE

SHEET NOTES

1. DOORS: SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.

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APPLICANT / OWNER

CONSULTANTS

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ARCHITECTURE.ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

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Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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DOOR DETAILS (CONT.)

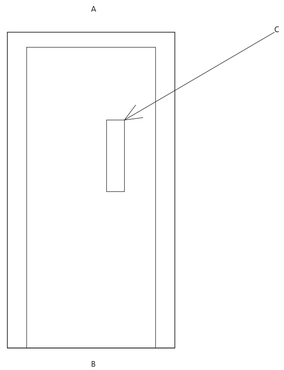
SHEET

A8.09

1. DOOR TYPE L: STAIR

NTS · MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

DOOR_TYPE_L · STAIR ENCLOSURE 2 HR (1023.2), IN SF-1



A: TYPE L
B: 3'-0" x 7'-0"
C: LITE 100 SQ IN MAX

OPENING RECORD

RATING: 90-MIN FIRE DOOR, D-H-90 (TABLE 716.1(2))
VISION LITE: 100 SQ IN MAX, 716.2.5.2
HARDWARE: SET HS-5
DOORS: 2 ON THE ELEMENT FILE

SHEET NOTES

1. DOORS: SPECIFIED IN SECTIONS 08 11 00, 08 14 00, 08 41 13, 08 71 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

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OPEN ISSUE

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DOOR DETAILS (CONT.)

SHEET

A8.10

1. BELLY BAND TRIM TRANSITION

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

SIDING_BELLY_BAND



A: FIBER CEMENT TRIM BAND: 1 IN
B: Z-FLASHING: 0.05 IN
C: WRB: 0.1 IN
D: EXTERIOR SHEATHING: 0.625 IN
E: 2x WALL FRAMING: 5.5 IN

INSTALLER RESPONSIBILITIES

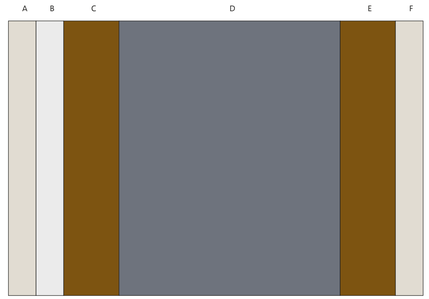
1. INSTALLER: TERMINATE LOWER SIDING UNDER BELLY BAND, LEAVE DRAINAGE GAP — 11, 14, 17, 18
2. INSTALLER: INSTALL METAL Z-FLASHING OVER BAND, LAP UNDER UPPER WRB
3. INSTALLER: SET BELLY BAND TRIM, SLOPE TOP EDGE TO DRAIN
4. INSTALLER: BACKER ROD + SEALANT AT SIDING-TO-BAND JOINTS

Z-FLASHING: PREFIN. METAL, 1/2" DRIP LEG
BAND TOP SLOPE: 15 DEG MIN. TO DRAIN
DRAINAGE GAP: 3/8" ABOVE FLASHING LEG
SEALANT JOINT: 3/8" W/ BACKER ROD

2. WRAPPED COLUMN SECTION

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

SIDING_COLUMN_SECTION



A: COLUMN WRAP TRIM: 0.75 IN
B: AIR GAP: 0.75 IN
C: FURRING / NAILER: 1.5 IN
D: STRUCTURAL POST (HSS): 6 IN
E: FURRING / NAILER: 1.5 IN
F: COLUMN WRAP TRIM: 0.75 IN

OPENING RECORD

STRUCT. POST: PER STRUCT., HSS OR P.T. 6x6 — 18
WRAP: FIBER CEMENT / PVC, MITERED — 27
VENT GAP: 1/2" CONT. AT TOP + BOTTOM
FASTENERS: S.S. TRIM SCREWS, COUNTERSUNK — 35

3. VERTICAL CONTROL / EXPANSION JOINT

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

SIDING_CONTROL_JOINT

A: BACKER ROD + SEALANT, TOOL CONCAVE
B: CONT. WRB, UNCUT BEHIND JOINT
C: 3/8" MIN
D: CONTROL JOINT

INSTALLER RESPONSIBILITIES

1. INSTALLER: BREAK CLADDING + LATH AT CONTROL JOINT LOCATION — 11, 17, 18
2. INSTALLER: MAINTAIN CONTINUOUS WRB BEHIND JOINT, DO NOT CUT
3. INSTALLER: INSTALL PVC / VINYL CONTROL JOINT ACCESSORY OR OPEN JOINT
4. INSTALLER: BACKER ROD + SEALANT, TOOL CONCAVE FOR MOVEMENT

JOINT SPACING: PER MFR, 18 FT O.C. MAX FIELD
JOINT WIDTH: 3/8" MIN.
SEALANT: URETHANE, +/-25 PCT MOVEMENT
WRB: CONTINUOUS, UNCUT BEHIND JOINT

4. DOWNSPOUT TO LEADER BOOT AT WALL

NTS - MODEL OPENING STUDY; ARCHITECT TO VERIFY PROJECT APPLICATION

SIDING_DOWNSPOUT_CONNECTION

A: STANDOFF STRAPS @ 6'-0" O.C.
B: LEADER BOOT, 6" ABV GRADE
C: DOWNSPOUT

INSTALLER RESPONSIBILITIES

1. INSTALLER: SET DOWNSPOUT PLUMB, SECURE TO WALL W/ STANDOFF STRAPS — 11, 18, 19
2. INSTALLER: CONNECT DOWNSPOUT TO CAST-IRON / PVC LEADER BOOT AT GRADE
3. INSTALLER: SEAL BOOT-TO-DOWNSPOUT JOINT, ALLOW THERMAL MOVEMENT
4. INSTALLER: FLASH WALL PENETRATION WHERE LEADER ENTERS BELOW GRADE

DOWNSPOUT: PREFIN. ALUM., SIZE PER PLUMB.
STANDOFF STRAPS: AT TOP, BOTTOM + 6'-0" O.C.
BOOT: CAST IRON OR SCH 40 PVC
CLEARANCE TO GRADE: BOOT TOP 6" ABV GRADE

5. FIBER CEMENT OUTSIDE CORNER

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

SIDING_FIBER_CEMENT_CORNER

A: FIBER CEMENT SIDING: 0.3125 IN
B: CORNER TRIM: 1 IN
C: WRB: 0.1 IN
D: EXTERIOR SHEATHING: 0.625 IN
E: 2x WALL FRAMING: 5.5 IN

INSTALLER RESPONSIBILITIES

1. INSTALLER: WRAP WRB CONTINUOUS AROUND CORNER, LAP 6" MIN. — 11, 17, 18
2. INSTALLER: INSTALL CORNER TRIM BOARDS, BUTT + GAP PER MFR
3. INSTALLER: HOLD SIDING 1/8" OFF TRIM, BACKER ROD + SEALANT JOINT
4. INSTALLER: BLIND-NAIL SIDING INTO STUDS, KEEP NAILS OUT OF JOINTS

CORNER TRIM: 5/4 FIBER CEMENT, BOTH FACES
SIDING GAP TO TRIM: 1/8" + SEALANT
FASTENERS: S.S. / HDG, 16" O.C. INTO STUD
WRB LAP: 6" MIN. AROUND CORNER

6. STONE VENEER OUTSIDE CORNER

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

SIDING_STONE_VENEER_CORNER

A: STONE VENEER: 4 IN
B: SCRATCH + BROWN COAT: 0.75 IN
C: METAL LATH: 0.05 IN
D: DRAINAGE MAT: 0.25 IN
E: WRB (2 LAYERS): 0.1 IN
F: EXTERIOR SHEATHING: 0.625 IN

INSTALLER RESPONSIBILITIES

1. INSTALLER: LAP WRB OVER SHEATHING, 2 LAYERS AT MASONRY VENEER — 11, 12, 14, 18
2. INSTALLER: INSTALL DRAINAGE MAT + SELF-FURRING METAL LATH, WRAP CORNER
3. INSTALLER: APPLY SCRATCH + BROWN COAT, EMBED LATH FULLY
4. INSTALLER: SET STONE VENEER ON CORNER, MAINTAIN DRAINAGE PLANE

WRB: 2 LAYERS, GRADE D OR EQUAL
DRAINAGE GAP: 3/16" MIN. ENTANGLED MAT
LATH: 2.5 LB SELF-FURRING, GALV.
WEEP: AT BASE, ABOVE FLASHING

SHEET NOTES

1. CLADDING: SPECIFIED IN SECTION 07 46 00.

KEYNOTES

1. SELF-ADHERED MEMBRANE FLASHING AT OPENING: SECTION 07 65 00
2. WEEP SCREED AT BASE OF WALL: SECTION 09 24 00
3. THROUGH-WALL FLASHING WITH END DAMS: SECTION 07 65 00
4. BUILDING WRAP - LAP PER MANUFACTURER: SECTION 07 25 00
5. VAPOR RETARDER - SEE SPECIFICATIONS: SECTION 07 26 00
6. BACKER ROD AND SEALANT - TYP.: SECTION 07 92 00
7. 1-HR FIRE-RATED ASSEMBLY - SEE SCHEDULE: SECTION 09 21 00
8. CONTINUOUS HEADER - SEE STRUCTURAL: SECTION 06 10 00

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

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REVISIONS

MARK	DATE	DESCRIPTION

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Scale	NTS
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OPEN ISSUE

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EXTERIOR SIDING DETAILS

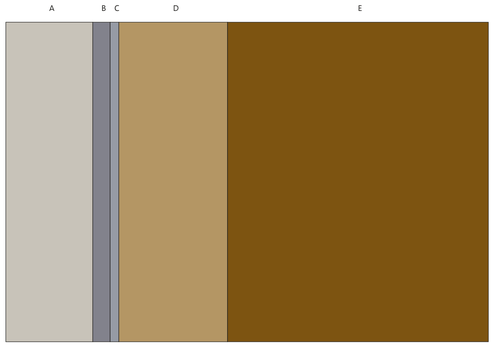
SHEET

A8.11

1. WEEP SCREED AT BASE OF WALL

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

SIDING_WALL_BASE



A: CLADDING: 0.5 IN
B: WRB: 0.1 IN
C: WEEP SCREED: 0.05 IN
D: EXTERIOR SHEATHING: 0.625 IN
E: SILL PLATE / FRAMING: 1.5 IN

INSTALLER RESPONSIBILITIES

1. INSTALLER: SET WEEP SCREED AT BASE, 4" ABOVE GRADE / 2" ABOVE PAVING (11)
2. INSTALLER: LAP WRB OVER VERTICAL LEG OF SCREED, SHINGLE FASHION (12)
3. INSTALLER: INSTALL LATH + CLADDING DOWN TO SCREED, LEAVE WEEP SLOTS CLEAR (18)
4. INSTALLER: MAINTAIN DRAINAGE PLANE TO WEEP, DO NOT SEAL BOTTOM EDGE (19)

CLEAR TO GRADE: 4" MIN. EARTH, 2" MIN. PAVING
WEEP SCREED: GALV. / ALUM., 3-1/2" FLANGE
WRB LAP: OVER SCREED LEG, SHINGLE
DRAINAGE GAP: MAINTAIN TO WEEP SLOTS

SHEET NOTES

1. CLADDING: SPECIFIED IN SECTION 07 46 00.

KEYNOTES

1. SELF-ADHERED MEMBRANE FLASHING AT OPENING: SECTION 07 65 00
2. WEEP SCREED AT BASE OF WALL: SECTION 09 24 00
3. VAPOR RETARDER - SEE SPECIFICATIONS: SECTION 07 26 00
4. BACKER ROD AND SEALANT - TYP.: SECTION 07 92 00

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

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EXTERIOR SIDING DETAILS (CONT.)

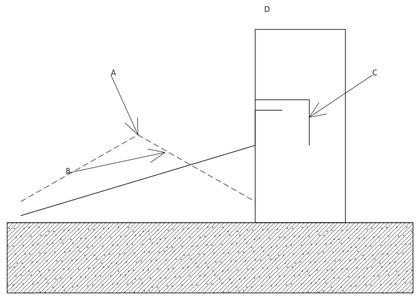
SHEET

A8.12

1. CRICKET / SADDLE BEHIND CURB

NTS · TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

ROOF_CRICKET



A: TAPERED CRICKET, 1/2:12 TO DRAINS
B: MEMBRANE OVER CRICKET, LAP UP CURB
C: COUNTERFLASHING AT CURB
D: CURB

INSTALLER RESPONSIBILITIES

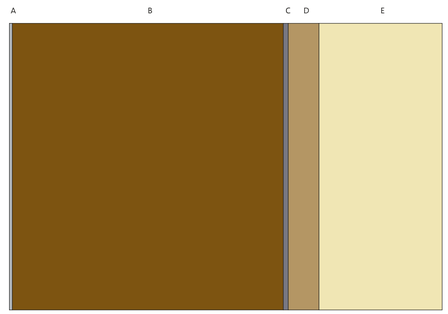
1. INSTALLER: FRAME TAPERED CRICKET BEHIND UPSLOPE FACE OF CURB — 14
2. INSTALLER: SLOPE CRICKET TO DIVERT WATER TO ADJACENT DRAINS — 16
3. INSTALLER: EXTEND MEMBRANE OVER CRICKET, LAP UP CURB BASE FLASHING — 20
4. INSTALLER: INSTALL COUNTERFLASHING AT CURB OVER BASE FLASHING — 44

CRICKET SLOPE: 1/2":12 MIN. TO DRAINS
RIDGE LOCATION: CENTERED ON CURB WIDTH
MEMBRANE TURN-UP: 8" MIN. AT CURB
PONDING: NONE PERMITTED UPSLOPE OF CURB

2. ROOF ACCESS HATCH CURB

NTS · TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

ROOF_HATCH



A: HATCH CAP / COUNTERFLASHING: 0.06 IN
B: INSULATED CURB FRAMING: 5.5 IN
C: MEMBRANE BASE FLASHING: 0.1 IN
D: ROOF SHEATHING: 0.625 IN
E: RIGID INSULATION: 2.5 IN

INSTALLER RESPONSIBILITIES

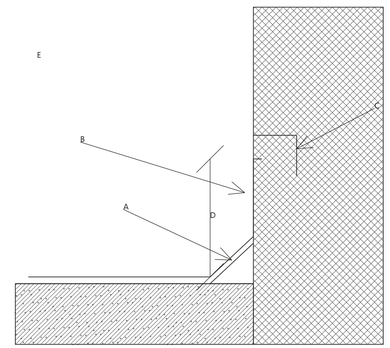
1. INSTALLER: SET INSULATED ROOF HATCH ON FRAMED CURB, ANCHOR TO STRUCT. — 14
2. INSTALLER: EXTEND MEMBRANE BASE FLASHING UP CURB, OVER CANT — 16
3. INSTALLER: FASTEN TERM BAR AT TOP OF CURB FLASHING, SEAL EDGE — 20
4. INSTALLER: INSTALL HATCH CAP COUNTERFLASHING OVER BASE FLASHING — 44

CURB HEIGHT: 8" MIN. ABOVE ROOF
BASE FLASHING: UP CURB OVER CANT, TERM BAR
CLEAR OPENING: 30" x 36" MIN. (EGRESS)
ANCHORAGE: TO CURB FRAMING PER STRUCT.

3. MEMBRANE BASE FLASHING AT WALL

NTS · TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

ROOF_MEMBRANE_BASE_FLASHING



A: CANT STRIP AT CORNER
B: MEMBRANE BASE FLASHING UP WALL
C: TERM BAR + COUNTERFLASHING
D: 8" MIN
E: BASE FLASHING

INSTALLER RESPONSIBILITIES

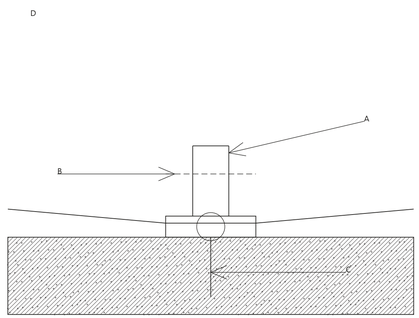
1. INSTALLER: INSTALL CANT STRIP AT ROOF-TO-WALL INTERSECTION — 14
2. INSTALLER: EXTEND MEMBRANE BASE FLASHING UP WALL OVER CANT — 16
3. INSTALLER: FASTEN TERMINATION BAR AT TOP, SEAL EXPOSED EDGE — 20
4. INSTALLER: INSTALL COUNTERFLASHING OVER TERM BAR, REGLET OR SURFACE-MOUNT — 44

BASE FLASHING HEIGHT: 8" MIN. ABOVE ROOF
TERM BAR: CONT. W/ SEALANT, 8" O.C.
CANT STRIP: 45 DEG, AT INSIDE CORNER
COUNTERFLASHING LAP: 3" MIN. OVER BASE FLASHING

4. OVERFLOW / SECONDARY DRAIN

NTS · TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

ROOF_OVERFLOW_DRAIN



A: STANDPIPE 2" ABV PRIMARY INLET
B: PRIMARY DRAIN INLET LEVEL
C: INDEPENDENT OVERFLOW CONDUCTOR
D: OVERFLOW DRAIN

INSTALLER RESPONSIBILITIES

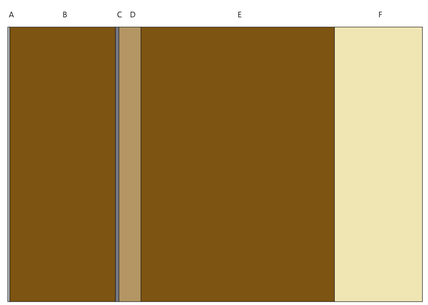
1. INSTALLER: SET SECONDARY DRAIN W/ STANDPIPE 2" ABOVE PRIMARY INLET — 14
2. INSTALLER: WELD / ADHERE MEMBRANE TO DRAIN FLANGE, CLAMP IN DRAIN RING — 16
3. INSTALLER: PROVIDE SEPARATE OVERFLOW CONDUCTOR, NOT TIED TO PRIMARY — 20
4. INSTALLER: DISCHARGE OVERFLOW TO VISIBLE EXTERIOR LOCATION — 44

STANDPIPE HEIGHT: 2" ABOVE PRIMARY DRAIN INLET
SUMP: TAPERED, MIN. 4'-0" SQ.
CLAMP RING: MEMBRANE CLAMPED FULL PERIMETER
OVERFLOW PIPING: INDEPENDENT OF PRIMARY

5. TALL PARAPET AT ROOF EDGE

NTS · TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

ROOF_PARAPET_HIGH



A: PREFINISHED METAL COPING: 0.06 IN
B: P.T. WOOD BLOCKING: 3 IN
C: MEMBRANE / BASE FLASHING: 0.1 IN
D: EXTERIOR SHEATHING: 0.625 IN
E: 2x PARAPET FRAMING: 5.5 IN
F: RIGID INSULATION: 2.5 IN

INSTALLER RESPONSIBILITIES

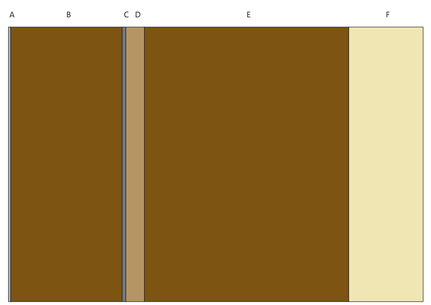
1. INSTALLER: EXTEND ROOF MEMBRANE UP PARAPET, TERMINATE AT TERM BAR — 14
2. INSTALLER: INSTALL MEMBRANE BASE FLASHING + SEALANT AT TERM BAR — 16
3. INSTALLER: SET CONT. CLEAT + PREFINISHED METAL COPING W/ DRIP EA. SIDE — 20
4. INSTALLER: SLOPE COPING TO ROOF SIDE; SEAL JOINTS W/ BUTYL + COVER PLATES — 44

MEMBRANE TURN-UP: 8" MIN. ABOVE ROOF
TERM BAR: CONT. W/ SEALANT, FASTEN 8" O.C.
COPING SLOPE: TO ROOF SIDE, 1/4":12 MIN
BLOCKING: P.T. 2x CONT. AT TOP OF WALL

6. LOW PARAPET AT ROOF EDGE

NTS · TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

ROOF_PARAPET_LOW



A: PREFINISHED METAL COPING: 0.06 IN
B: P.T. WOOD BLOCKING: 3 IN
C: MEMBRANE / WRB: 0.1 IN
D: SHEATHING: 0.5 IN
E: 2x PARAPET FRAMING: 5.5 IN
F: RIGID INSULATION: 2 IN

INSTALLER RESPONSIBILITIES

1. INSTALLER: EXTEND ROOF MEMBRANE UP PARAPET, TERMINATE UNDER COPING — 14
2. INSTALLER: INSTALL CONT. CLEAT + PREFINISHED METAL COPING W/ DRIP EA. SIDE — 16
3. INSTALLER: SEAL COPING JOINTS W/ BUTYL + COVER PLATES — 20

MEMBRANE TURN-UP: 8" MIN. ABOVE ROOF
COPING SLOPE: TO ROOF SIDE, 1/4":12 MIN
BLOCKING: P.T. 2x CONT. AT TOP OF WALL — 44

SHEET NOTES

1. ROOFING: SPECIFIED IN SECTION 07 52 00.

KEYNOTES

1. THROUGH-WALL FLASHING WITH END DAMS: SECTION 07 65 00
2. DRIP EDGE FLASHING AT HEAD: SECTION 07 62 00
3. KICK-OUT FLASHING AT ROOF-TO-WALL TRANSITION: SECTION 07 62 00
4. CONTINUOUS RIGID INSULATION AT EXTERIOR: SECTION 07 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.

ROOF DETAILS

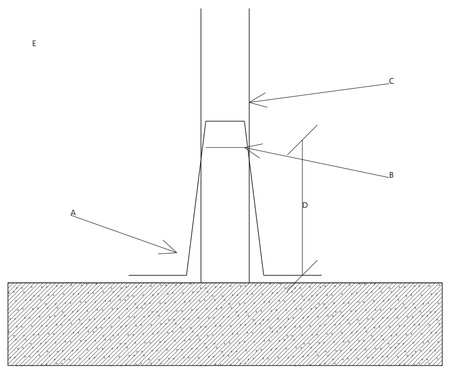
SHEET

A8.13

1. PIPE PENETRATION BOOT

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

ROOF_PIPE_BOOT



A: BOOT FLANGE WELD 4" MIN
B: S.S. DRAW BAND CLAMP
C: WATER-CUTOFF SEALANT AT TOP
D: 8" MIN
E: PIPE BOOT

INSTALLER RESPONSIBILITIES

1. INSTALLER: SET PREFAB MEMBRANE PIPE BOOT OVER PENETRATION
2. INSTALLER: WELD / ADHERE BOOT FLANGE TO ROOF MEMBRANE, 4" MIN.
3. INSTALLER: TIGHTEN STAINLESS DRAW BAND CLAMP AT TOP OF BOOT
4. INSTALLER: SEAL TOP OF BOOT TO PIPE W/ WATER-CUTOFF SEALANT

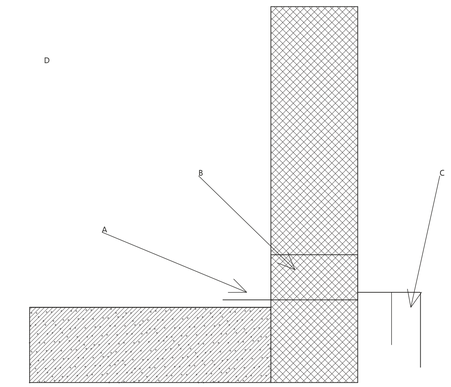
BOOT FLANGE WELD: 4" MIN. TO MEMBRANE
BOOT HEIGHT: 8" MIN. ABOVE ROOF
DRAW BAND: STAINLESS STEEL CLAMP
TOP SEAL: WATER-CUTOFF SEALANT

14 16 20

2. THROUGH-WALL SCUPPER + CONDUCTOR HEAD

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

ROOF_SCUPPER



A: MEMBRANE TO FLANGE 4" MIN
B: PREFAB SCUPPER SLEEVE THRU PARAPET
C: CONDUCTOR HEAD + DOWNSPOUT
D: SCUPPER

INSTALLER RESPONSIBILITIES

1. INSTALLER: FRAME SCUPPER OPENING THROUGH PARAPET AT ROOF LEVEL
2. INSTALLER: INSTALL PREFAB SCUPPER SLEEVE W/ INTEGRAL FLANGE
3. INSTALLER: WELD / ADHERE MEMBRANE TO SCUPPER FLANGE, 4" MIN.
4. INSTALLER: SET EXTERIOR CONDUCTOR HEAD + DOWNSPOUT BELOW SCUPPER

SCUPPER INVERT: AT ROOF MEMBRANE / DRAIN LEVEL
SLEEVE FLANGE WELD: 4" MIN. TO MEMBRANE
SCUPPER SIZE: PER PLUMB., 4" HT MIN.
CONDUCTOR HEAD: PREFIN. METAL W/ OVERFLOW

14 16 20

SHEET NOTES

1. ROOFING: SPECIFIED IN SECTION 07 52 00.

KEYNOTES

1. THROUGH-WALL FLASHING WITH END DAMS: SECTION 07 65 00
2. DRIP EDGE FLASHING AT HEAD: SECTION 07 62 00
3. KICK-OUT FLASHING AT ROOF-TO-WALL TRANSITION: SECTION 07 62 00

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
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ARCHITECTURE.ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

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ROOF DETAILS (CONT.)

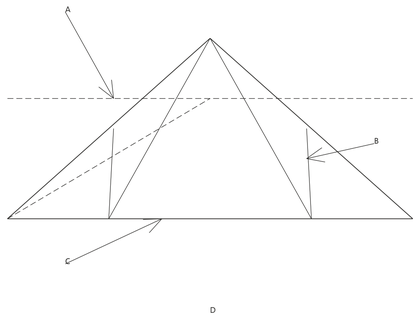
SHEET

A8.14

1. PERMANENT TRUSS BRACING REFERENCE

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

TRUSS_BRACING_REFERENCE



D

A: TOP CHORD CONT. LATERAL
B: WEB + DIAGONAL BRACING
C: BOTTOM CHORD CONT. ROWS
D: BRACE PER BCSI-B3

INSTALLER RESPONSIBILITIES

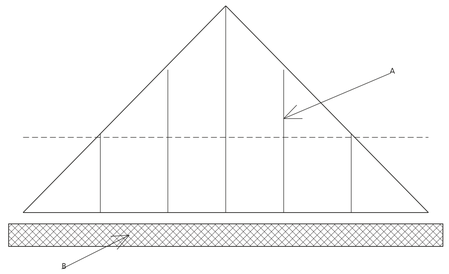
1. INSTALLER: BRACE TOP CHORD CONT. PER BCSI-B3; SHEATHING OR CLT/DIAGONALS (35)
2. INSTALLER: BRACE BOTTOM CHORD W/ CONT. LATERAL ROWS + DIAGONALS TO STRUCT. (38)
3. INSTALLER: BRACE WEB MEMBERS PER TRUSS DESIGN DWGS, T/L/SCAB AS NOTED
4. INSTALLER: INSTALL DIAGONAL BRACING AT EACH RESTRAINT ROW, ANCHOR TO STRUCT.

STANDARD: PER BCSI-B3 + TRUSS DESIGN DWGS
TOP CHORD BRACING: CONT. LATERAL VIA SHEATHING
BOTTOM CHORD BRACING: CONT. ROWS + DIAGONALS
WEB BRACING: PER TRUSS ENGR OF RECORD

2. GABLE END FRAME BRACING

NTS - TEMPLATE REFERENCE; ARCHITECT TO VERIFY PROJECT APPLICATION

TRUSS_GABLE_END_BRACING



C

A: VERT WEB + LATERAL ROWS
B: ANCHOR TO TOP PLATE / SHEAR WALL
C: GABLE BRACE PER BCSI-B3

INSTALLER RESPONSIBILITIES

1. INSTALLER: INSTALL VERTICAL STUDS / WEB BRACING AT GABLE END FRAME (35)
2. INSTALLER: ADD CONT. LATERAL BRACE ROWS PER BCSI-B3 GABLE DETAIL (38)
3. INSTALLER: INSTALL DIAGONAL BRACES FROM GABLE TO FIRST INTERIOR TRUSS (40)
4. INSTALLER: ANCHOR GABLE BOTTOM CHORD TO WALL TOP PLATE / SHEAR WALL

STANDARD: PER BCSI-B3 GABLE END DETAIL
LATERAL BRACING: CONT. ROWS @ VERT. WEBS
DIAGONAL BRACING: GABLE TO 1ST INTERIOR TRUSS
ANCHORAGE: TO TOP PLATE / SHEAR WALL

SHEET NOTES

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

KEYNOTES

1. CONTINUOUS HEADER - SEE STRUCTURAL: SECTION 06 10 00
2. STEEL BEAM - SEE STRUCTURAL FRAMING PLAN: SECTION 05 12 00
3. CONCRETE FOUNDATION - SEE STRUCTURAL DETAILS: SECTION 03 30 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
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GEOTECHNICAL	NOT PROVIDED — BY OTHERS

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ARCHITECTURE.ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

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REGISTER

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Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

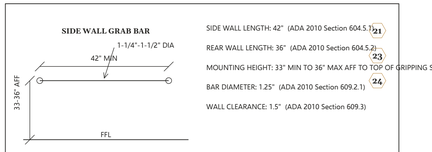
The set's open issue is stated on the cover, G0.01.

TRUSS BRACING REFERENCE

SHEET

A8.15

RESTROOM & ADA DETAILS



SIDE WALL LENGTH: 42" (ADA 2010 Section 604.5.1) 21

REAR WALL LENGTH: 36" (ADA 2010 Section 604.5.2) 23

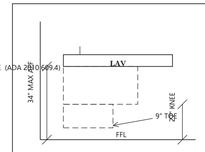
MOUNTING HEIGHT: 33" MIN TO 36" MAX AFF TO TOP OF GRIPPING SURFACE (ADA 2010 609.4) 24

BAR DIAMETER: 1.25" (ADA 2010 Section 609.2.1)

WALL CLEARANCE: 1.5" (ADA 2010 Section 609.3)

- PROVIDE CONTINUOUS BLOCKING AT ALL GRAB BAR LOCATIONS
- BARS TO RESIST 250 LBF MIN PER 609.8
- SIDE BAR MOUNTED MAX 12" FROM REAR WALL

1 A9.1 **ACCESSIBLE GRAB BARS**



RIM HEIGHT: 34" MAX AFF (ADA 2010 Section 606.3) 21

KNEE CLEARANCE HT: 27" (ADA 2010 Section 306.3.3) 26

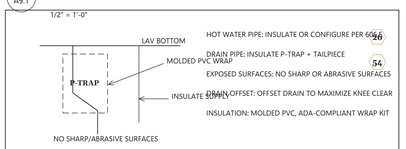
TOE CLEARANCE HT: 9" (ADA 2010 Section 306.2.2) 54

CLEAR FLOOR WIDTH: 30" (ADA 2010 Section 606.2)

CLEAR FLOOR DEPTH: 48" (ADA 2010 Section 606.2)

- INSULATE HOT WATER + DRAIN PIPING PER 606.5
- FAUCET TO BE LEVER OR SENSOR OPERATED
- NO SHARP OR ABRASIVE SURFACES UNDER LAV

2 A9.1 **ACCESSIBLE LAVATORY**



HOT WATER PIPE: INSULATE OR CONFIGURE PER 606.5 26

DRAIN PIPE: INSULATE P-TRAP + TAILPIECE 54

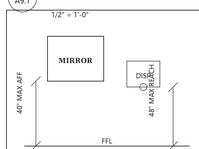
EXPOSED SURFACES: NO SHARP OR ABRASIVE SURFACES

DRAIN: OFFSET: OFFSET DRAIN TO MAXIMIZE KNEE CLEAR

INSULATION: MOLDED PVC, ADA-COMPLIANT WRAP KIT

- INSULATE ALL EXPOSED PIPING UNDER LAVATORY
- MAINTAIN KNEE/TOE CLEARANCE BEHIND WRAP
- SECURE WRAP, NO EXPOSED FASTENERS

3 A9.1 **ACCESSIBLE LAVATORY PIPE PROTECTION**



MIRROR BOTTOM EDGE: 40" MAX AFF TO REFLECTIVE SURFACE 21

DISPENSER REACH: 48" MAX AFF TO OPERABLE PART 26

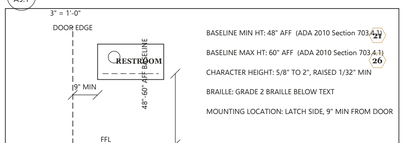
HAND DRYER REACH: 48" MAX AFF TO OPERABLE PART

ROBE HOOK: 48" MAX AFF

OPERATING FORCE: 5 LBF MAX, NO TIGHT GRASPING

- ALL OPERABLE PARTS WITHIN REACH RANGE 308
- MOUNT FULL-HEIGHT MIRROR BOTTOM 35" MAX IF USED
- PROVIDE BLOCKING AT ALL WALL ACCESSORIES

4 A9.1 **ACCESSIBLE MIRROR & ACCESSORIES**



BASELINE MIN HT: 48" AFF (ADA 2010 Section 703.4.1) 21

BASELINE MAX HT: 60" AFF (ADA 2010 Section 703.4.1) 26

CHARACTER HEIGHT: 5/8" TO 2", RAISED 1/32" MIN

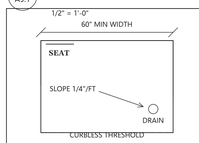
BRAILLE: GRADE 2 BRAILLE BELOW TEXT

MOUNTING LOCATION: LATCH SIDE, 9" MIN FROM DOOR

- TACTILE + BRAILLE PER 703.2 AND 703.3
- NON-GLARE FINISH, HIGH CONTRAST CHARACTERS
- PROVIDE PICTOGRAM FIELD 6" HIGH MIN

5 A9.1 **ACCESSIBLE RESTROOM SIGNAGE**

3" = 1'-0"



STALL WIDTH: 60" (ADA 2010 Section 608.2.2) 21

STALL DEPTH: 30" (ADA 2010 Section 608.2.2) 23

SEAT HEIGHT: 17" MIN TO 19" MAX AFF TO TOP OF SEAT (ADA 2010 610.3)

GRAB BAR HEIGHT: 33" MIN TO 36" MAX AFF TO TOP OF GRIPPING SURFACE (ADA 2010 609.4) 24

THRESHOLD: 0.5" MAX (ADA 2010 Section 608.7) 55

- SLOPE FLOOR TO DRAIN 1/4" PER FT MAX
- PROVIDE BLOCKING FOR FOLDING SEAT + GRAB BARS
- GRAB BARS ON THREE WALLS PER 608.3.2

6 A9.1 **ACCESSIBLE ROLL-IN SHOWER**

1/2" = 1'-0"

KEYNOTES

21	01 10 00 ACCESSIBLE MOUNTING HEIGHT - SEE ADA REQUIREMENTS	**23**	10 28 00 GRAB BAR - MOUNT PER ADA REQUIREMENTS
24	01 10 00 ACCESSIBLE ROUTE - MAINTAIN 36" MIN. CLEAR WIDTH	**26**	06 41 00 KNEE AND TOE CLEARANCE PER ADA
54	22 11 00 PLUMBING CHASE - SEE PLUMBING DRAWINGS	**55**	22 13 00 FLOOR DRAIN - SEE PLUMBING PLAN

SHEET NOTES

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

KEYNOTES

1. ACCESSIBLE MOUNTING HEIGHT - SEE ADA REQUIREMENTS: SECTION 01 10 00
2. GRAB BAR - MOUNT PER ADA REQUIREMENTS: SECTION 10 28 00
3. ACCESSIBLE ROUTE - MAINTAIN 36" MIN. CLEAR WIDTH: SECTION 01 10 00
4. KNEE AND TOE CLEARANCE PER ADA: SECTION 06 41 00
5. PLUMBING CHASE - SEE PLUMBING DRAWINGS: SECTION 22 11 00
6. FLOOR DRAIN - SEE PLUMBING PLAN: SECTION 22 13 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
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REVIEW

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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

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

OPEN ISSUE

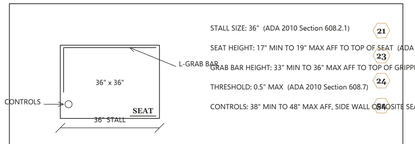
The set's open issue is stated on the cover, G0.01.

RESTROOM & ADA DETAILS

SHEET

A9.1

RESTROOM & ADA DETAILS (CONT.)



STALL SIZE: 36" (ADA 2010 Section 608.2.1) 21

SEAT HEIGHT: 17" MIN TO 19" MAX AFF TO TOP OF SEAT (ADA 2010 610.3)

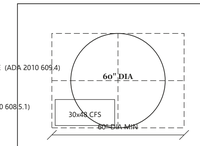
GRAB BAR HEIGHT: 33" MIN TO 36" MAX AFF TO TOP OF GRIPPING SURFACE (ADA 2010 609.4) 23

THRESHOLD: 0.5" MAX (ADA 2010 Section 608.7) 24

CONTROLS: 38" MIN TO 48" MAX AFF, SIDE WALL OPPOSITE SEAT (ADA 2010 608.5.1) 54

- FOLDING SEAT ON WALL OPPOSITE CONTROLS
- PROVIDE BLOCKING FOR SEAT + GRAB BARS
- HAND SHOWER WITH 59" HOSE MIN PER 608.6

1 / A9.2 ACCESSIBLE TRANSFER SHOWER



TURNING DIAMETER: 60" (ADA 2010 Section 304.3.1) 21

ROUTE WIDTH: 36" MIN CLEAR (ADA 2010 Section 403.5.1) 26

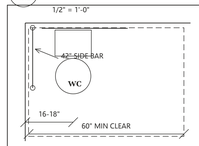
CLEAR FLOOR SPACE: 30" x 48" MIN AT FIXTURES

T-TURN ALT: 60" x 60" T-SHAPED PERMITTED

FLOOR SLOPE: 1:48 (2%) MAX ANY DIRECTION

- TURNING SPACE MAY OVERLAP KNEE/TOE CLEARANCE
- DOOR SWING SHALL NOT REDUCE REQUIRED SPACE
- MAINTAIN CLEAR FLOOR PER 304 AND 305

2 / A9.2 ACCESSIBLE TURNING SPACE



SEAT HEIGHT: 17" MIN TO 19" MAX AFF TO TOP OF SEAT (ADA 2010 604.4) 27

C/L TO SIDE WALL: 18" (ADA 2010 Section 604.2) 23

FLUSH CONTROL HT: 44" MAX AFF (ADA 2010 Section 604.6) 26

TP DISPENSER OUTLET: 15" MIN TO 48" MAX AFF (ADA 2010 604.7)

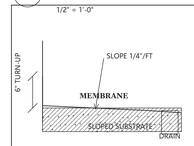
CLEAR FLOOR W: 60" MIN (ADA 2010 Section 604.3.1)

CLEAR FLOOR D: 56" MIN (WALL-HUNG) (ADA 2010 Section 604.3.1)

- FLUSH CONTROL ON OPEN (WIDE) SIDE OF FIXTURE
- PROVIDE SIDE + REAR GRAB BARS PER 604.5

3 / A9.2 ACCESSIBLE WATER CLOSET

1/2" = 1'-0"



MEMBRANE: FLUID-APPLIED WATERPROOFING MEMBRANE 18

FLOOR SLOPE: 1/4" PER FT TO FLOOR DRAIN 34

COVE BASE: INTEGRAL COVE BASE, 6" UP WALL 55

MEMBRANE TURN-UP: TURN MEMBRANE UP 6" MIN AT WALLS

FLOOD TEST: 24-HR FLOOD TEST PRIOR TO TILE

- MEMBRANE CONTINUOUS UNDER FLOOR DRAIN FLANGE
- LAP MEMBRANE TO DRAIN CLAMPING RING
- SLOPE SUBSTRATE, DO NOT SLOPE FILL ALONE

4 / A9.2 RESTROOM FLOOR WATERPROOFING

3" = 1'-0"

KEYNOTES

21	01 10 00 ACCESSIBLE MOUNTING HEIGHT - SEE ADA REQUIREMENTS	**23**	10 28 00 GRAB BAR - MOUNT PER ADA REQUIREMENTS
24	01 10 00 ACCESSIBLE ROUTE - MAINTAIN 36" MIN. CLEAR WIDTH	**54**	22 11 00 PLUMBING CHASE - SEE PLUMBING DRAWINGS
26	06 41 00 KNEE AND TOE CLEARANCE PER ADA	**48**	09 30 00 TILE FINISH - SEE FINISH SCHEDULE
55	22 13 00 FLOOR DRAIN - SEE PLUMBING PLAN		

SHEET NOTES

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

KEYNOTES

1. ACCESSIBLE MOUNTING HEIGHT - SEE ADA REQUIREMENTS: SECTION 01 10 00
2. GRAB BAR - MOUNT PER ADA REQUIREMENTS: SECTION 10 28 00
3. ACCESSIBLE ROUTE - MAINTAIN 36" MIN. CLEAR WIDTH: SECTION 01 10 00
4. KNEE AND TOE CLEARANCE PER ADA: SECTION 06 41 00
5. TILE FINISH - SEE FINISH SCHEDULE: SECTION 09 30 00
6. PLUMBING CHASE - SEE PLUMBING DRAWINGS: SECTION 22 11 00
7. FLOOR DRAIN - SEE PLUMBING PLAN: SECTION 22 13 00

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RESTROOM & ADA DETAILS (CONT.)

SHEET

A9.2

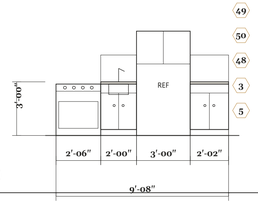
INTERIOR CASEWORK ELEVATIONS

NOT IN THE MODEL: UPPER CABINETS, RANGE HOOD, DISHWASHER, MIRROR, STACKED WASHER/DRYER, ACCESSIBLE KITCHEN SINK

WIDTHS ARE THE FIXTURE RECORDS'; HEIGHTS ARE DRAFTING CONVENTIONS

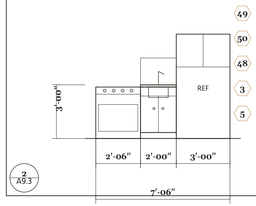
KITCHEN (1BR)

1/2" = 1'-0"



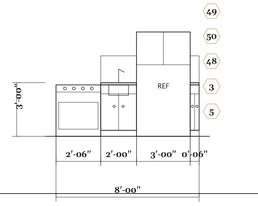
KITCHEN (ST)

1/2" = 1'-0"



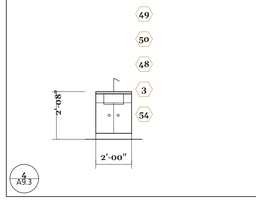
KITCHEN (ST)

1/2" = 1'-0"



LAVATORY (1BR, ST)

1/2" = 1'-0"



KEYNOTES

49	06 41 00 CASEWORK PER INTERIOR ELEVATION	**50**	12 36 00 COUNTERTOP - SEE SPECIFICATIONS
48	09 30 00 TILE FINISH - SEE FINISH SCHEDULE	**3**	06 10 00 PROVIDE BLOCKING AS REQUIRED FOR MOUNTING
5	01 33 00 VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION	**54**	22 11 00 PLUMBING CHASE - SEE PLUMBING DRAWINGS

SHEET NOTES

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

KEYNOTES

1. PROVIDE BLOCKING AS REQUIRED FOR MOUNTING: SECTION 06 10 00
2. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION: SECTION 01 33 00
3. TILE FINISH - SEE FINISH SCHEDULE: SECTION 09 30 00
4. CASEWORK PER INTERIOR ELEVATION: SECTION 06 41 00
5. COUNTERTOP - SEE SPECIFICATIONS: SECTION 12 36 00
6. PLUMBING CHASE - SEE PLUMBING DRAWINGS: SECTION 22 11 00

NOT PROVIDED — BY OTHERS
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Scale	1/2" = 1'-0"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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INTERIOR CASEWORK ELEVATIONS

SHEET

A9.3

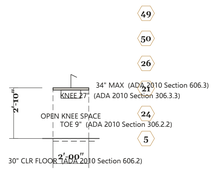
INTERIOR CASEWORK ELEVATIONS (CONT.)

NOT IN THE MODEL: UPPER CABINETS, RANGE HOOD, DISHWASHER, MIRROR, STACKED WASHER/DRYER, ACCESSIBLE KITCHEN SINK

WIDTHS ARE THE FIXTURE RECORDS'; HEIGHTS ARE DRAFTING CONVENTIONS

LAVATORY, ACCESSIBLE (1BR, ST)

1/2" = 1'-0"



1 A9.4

KEYNOTES

49	06 41 00 CASEWORK PER INTERIOR ELEVATION	**50**	12 36 00 COUNTERTOP - SEE SPECIFICATIONS
26	06 41 00 KNEE AND TOE CLEARANCE PER ADA	**21**	01 10 00 ACCESSIBLE MOUNTING HEIGHT - SEE ADA REQUIREMENTS
24	01 10 00 ACCESSIBLE ROUTE - MAINTAIN 36" MIN. CLEAR WIDTH	**5**	01 33 00 VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION

SHEET NOTES

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

KEYNOTES

1. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION: SECTION 01 33 00
2. ACCESSIBLE MOUNTING HEIGHT - SEE ADA REQUIREMENTS: SECTION 01 10 00
3. ACCESSIBLE ROUTE - MAINTAIN 36" MIN. CLEAR WIDTH: SECTION 01 10 00
4. KNEE AND TOE CLEARANCE PER ADA: SECTION 06 41 00
5. CASEWORK PER INTERIOR ELEVATION: SECTION 06 41 00
6. COUNTERTOP - SEE SPECIFICATIONS: SECTION 12 36 00

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

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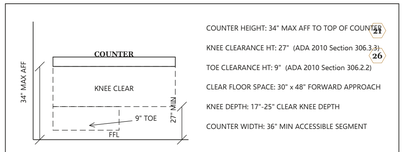
The set's open issue is stated on the cover, G0.01.

INTERIOR CASEWORK ELEVATIONS (CONT.)

SHEET

A9.4

INTERIOR MISCELLANEOUS DETAILS



COUNTER HEIGHT: 34" MAX AFF TO TOP OF COUNTER (21)

KNEE CLEARANCE HT: 27" (ADA 2010 Section 306.3.3) (26)

TOE CLEARANCE HT: 9" (ADA 2010 Section 306.2.2)

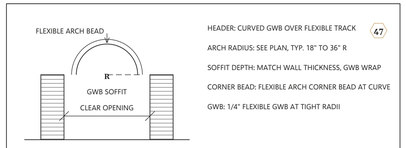
CLEAR FLOOR SPACE: 30" x 48" FORWARD APPROACH

KNEE DEPTH: 17"-25" CLEAR KNEE DEPTH

COUNTER WIDTH: 36" MIN ACCESSIBLE SEGMENT

- PROVIDE FORWARD APPROACH KNEE + TOE CLEARANCE
- ACCESSIBLE SEGMENT ON ACCESSIBLE ROUTE
- NO SHARP EDGES AT KNEE SPACE

1 / A9.5 **ACCESSIBLE COUNTER**



HEADER: CURVED GWB OVER FLEXIBLE TRACK (47)

ARCH RADIUS: SEE PLAN, TYP. 18" TO 36" R

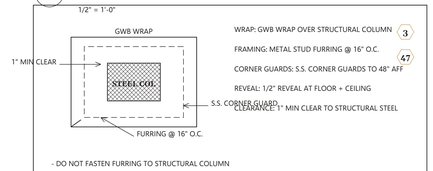
SOFFIT DEPTH: MATCH WALL THICKNESS, GWB WRAP

CORNER BEAD: FLEXIBLE ARCH CORNER BEAD AT CURVE

GWB: 1/4" FLEXIBLE GWB AT TIGHT RADII

- USE FLEXIBLE TRACK TO FORM ARCH PROFILE
- DOUBLE-LAYER 1/4" GWB FOR TIGHT RADIUS
- SAND CORNER BEAD SMOOTH, LEVEL 4 FINISH

2 / A9.5 **ARCHED OPENING**



WRAP: GWB WRAP OVER STRUCTURAL COLUMN (3)

FRAMING: METAL STUD FURRING @ 16" O.C.

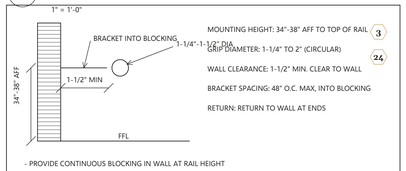
CORNER GUARDS: S.S. CORNER GUARDS TO 48" AFF (47)

REVEAL: 1/2" REVEAL AT FLOOR + CEILING

CLEARANCE: 1" MIN CLEAR TO STRUCTURAL STEEL

- DO NOT FASTEN FURRING TO STRUCTURAL COLUMN
- MAINTAIN FIRE RATING OF COLUMN ASSEMBLY
- ALIGN REVEALS WITH ADJACENT WALL PLANES

3 / A9.5 **COLUMN WRAP**



MOUNTING HEIGHT: 34"-38" AFF TO TOP OF RAIL (3)

GRIP DIAMETER: 1-1/4" TO 2" (CIRCULAR) (24)

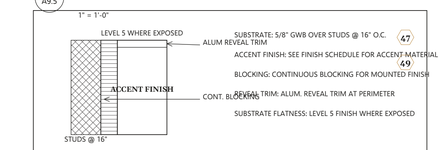
WALL CLEARANCE: 1-1/2" MIN. CLEAR TO WALL

BRACKET SPACING: 48" O.C. MAX, INTO BLOCKING

RETURN: RETURN TO WALL AT ENDS

- PROVIDE CONTINUOUS BLOCKING IN WALL AT RAIL HEIGHT
- STAINLESS OR POWDER-COAT ALUMINUM, SEE FINISH SCHEDULE

4 / A9.5 **CORRIDOR HANDRAIL**



SUBSTRATE: 5/8" GWB OVER STUDS @ 16" O.C. (47)

ACCENT FINISH: SEE FINISH SCHEDULE FOR ACCENT MATERIAL (49)

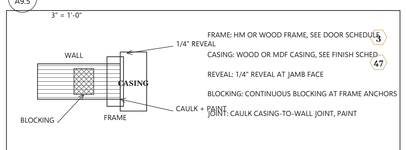
BLOCKING: CONTINUOUS BLOCKING FOR MOUNTED FINISH

REVEAL TRIM: ALUM. REVEAL TRIM AT PERIMETER

SUBSTRATE FLATNESS: LEVEL 5 FINISH WHERE EXPOSED

- PROVIDE BLOCKING SIZED FOR FINISH WEIGHT
- COORDINATE REVEAL LAYOUT WITH ELEVATIONS
- VERIFY SUBSTRATE COMPATIBILITY WITH FINISH

5 / A9.5 **FEATURE WALL**



FRAME: HM OR WOOD FRAME, SEE DOOR SCHEDULE (5)

CASING: WOOD OR MDF CASING, SEE FINISH SCHED (47)

REVEAL: 1/4" REVEAL AT JAMB FACE

BLOCKING: CONTINUOUS BLOCKING AT FRAME ANCHORS

JOINT: CAULK CASING-TO-WALL JOINT, PAINT

- PROVIDE BLOCKING AT HINGE + STRIKE LOCATIONS
- MITER CASING CORNERS, GLUE + NAIL
- SHIM FRAME PLUMB BEFORE ANCHORING

6 / A9.5 **INTERIOR DOOR CASING**

KEYNOTES

21	01 10 00 ACCESSIBLE MOUNTING HEIGHT - SEE ADA REQUIREMENTS	**26**	06 41 00 KNEE AND TOE CLEARANCE PER ADA
47	09 21 00 GWB FINISH - SEE FINISH SCHEDULE	**3**	06 10 00 PROVIDE BLOCKING AS REQUIRED FOR MOUNTING
24	01 10 00 ACCESSIBLE ROUTE - MAINTAIN 36" MIN. CLEAR WIDTH	**49**	06 41 00 CASEWORK PER INTERIOR ELEVATION

SHEET NOTES

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

KEYNOTES

1. PROVIDE BLOCKING AS REQUIRED FOR MOUNTING: SECTION 06 10 00
2. ACCESSIBLE MOUNTING HEIGHT - SEE ADA REQUIREMENTS: SECTION 01 10 00
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5. GWB FINISH - SEE FINISH SCHEDULE: SECTION 09 21 00
6. CASEWORK PER INTERIOR ELEVATION: SECTION 06 41 00

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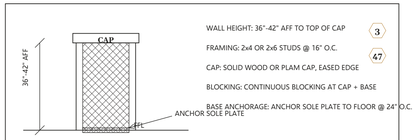
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INTERIOR MISCELLANEOUS DETAILS

SHEET

A9.5

INTERIOR MISCELLANEOUS DETAILS (CONT.)

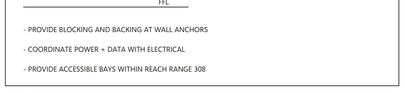


WALL HEIGHT: 36"-42" AFF TO TOP OF CAP (3)
FRAMING: 2x4 OR 2x6 STUDS @ 16" O.C. (47)
CAP: SOLID WOOD OR PLAM CAP, EASED EDGE
BLOCKING: CONTINUOUS BLOCKING AT CAP + BASE
BASE ANCHORAGE: ANCHOR SOLE PLATE TO FLOOR @ 24" O.C.

- PROVIDE BLOCKING FOR ANY MOUNTED ITEMS
- GWB BOTH FACES, WRAP CAP CORNERS
- VERIFY GUARD HEIGHT WHERE FALL HAZARD EXISTS

1 / A9.6 **LOW KNEE WALL**

1" = 1'-0"

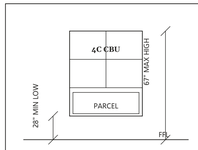


UNIT TYPE: SMART PARCEL LOCKER BANK (3)
OPERABLE PART: TOUCHSCREEN/KIOSK 15"-48" AFF (10)
CLEAR FLOOR SPACE: 30" x 48" AT KIOSK + ACCESSIBLE BAYS
POWER: DEDICATED 120V CIRCUIT + DATA
FRONT CLEARANCE: 36" MIN CLEAR IN FRONT OF BANK
ANCHORAGE: ANCHOR TO FLOOR + WALL PER MFR

- PROVIDE BLOCKING AND BACKING AT WALL ANCHORS
- COORDINATE POWER + DATA WITH ELECTRICAL
- PROVIDE ACCESSIBLE BAYS WITHIN REACH RANGE 308

3 / A9.6 **PACKAGE LOCKER BANK**

1/2" = 1'-0"

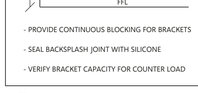


UNIT TYPE: USPS-APPROVED CBU (4C COMPLIANT) (3)
TENANT BOX LOW: 28" MIN AFF TO LOWEST BOX (10)
TENANT BOX HIGH: 67" MAX AFF TO HIGHEST BOX
PARCEL COMPARTMENT: PROVIDE INTEGRAL PARCEL LOCKERS
CLEAR FLOOR SPACE: 30" x 48" AT EACH UNIT
OUTGOING MAIL: COLLECTION SLOT 36"-48" AFF

- ANCHOR TO PAD OR FLOOR PER MFR REQUIREMENTS
- PROVIDE BLOCKING FOR WALL-MOUNT UNITS
- USPS APPROVAL REQUIRED PRIOR TO INSTALL

2 / A9.6 **MAILBOX CLUSTER UNIT**

1/2" = 1'-0"



COUNTER HEIGHT: 36"-42" AFF TO TOP OF COUNTER (3)
SUPPORT BRACKETS: STEEL BRACKETS @ 32" O.C. MAX (50)
BACKSPLASH: 4" BACKSPLASH, SEALED TO WALL
COUNTERTOP: SOLID SURFACE OR PLAM, EASED EDGE
BLOCKING: CONTINUOUS BLOCKING AT BRACKET LINE

- PROVIDE CONTINUOUS BLOCKING FOR BRACKETS
- SEAL BACKSPLASH JOINT WITH SILICONE
- VERIFY BRACKET CAPACITY FOR COUNTER LOAD

4 / A9.6 **STANDING-HEIGHT COUNTER**

1" = 1'-0"

KEYNOTES

3	06 10 00 PROVIDE BLOCKING AS REQUIRED FOR MOUNTING	**47**	09 21 00 GWB FINISH - SEE FINISH SCHEDULE
10	01 10 00 MAINTAIN CLEARANCES PER MANUFACTURER REQUIREMENTS	**50**	12 36 00 COUNTERTOP - SEE SPECIFICATIONS

SHEET NOTES

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

KEYNOTES

1. PROVIDE BLOCKING AS REQUIRED FOR MOUNTING: SECTION 06 10 00
2. MAINTAIN CLEARANCES PER MANUFACTURER REQUIREMENTS: SECTION 01 10 00
3. GWB FINISH - SEE FINISH SCHEDULE: SECTION 09 21 00
4. COUNTERTOP - SEE SPECIFICATIONS: SECTION 12 36 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

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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	AS NOTED
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

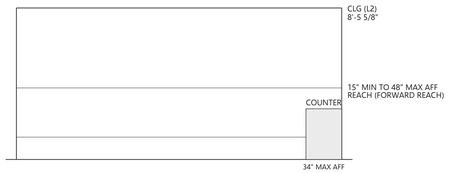
INTERIOR MISCELLANEOUS DETAILS (CONT.)

SHEET

A9.6

INTERIOR ELEVATIONS

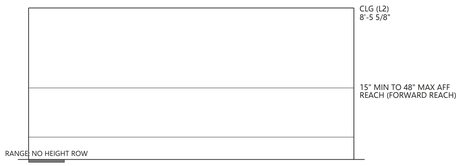
CUT AT THE MARKS OF THE ENLARGED UNIT PLANS. FIXTURES AS THE RECORDS PLACE THEM; A HEIGHT ONLY WHERE A 2010 ADA STANDARDS ROW (A9.8) NAMES THE FIXTURE, FOR A UNIT THAT MUST BE ACCESSIBLE.



1 1BR-A ADA KITCHEN, TOP WALL

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

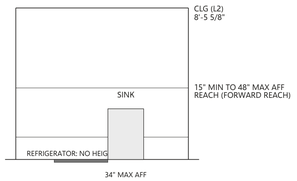
0" 2'-0" 4'-0" 6'-0" 8'-0"



2 1BR-A ADA KITCHEN, BOTTOM WALL

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

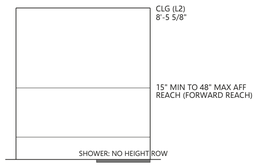
0" 2'-0" 4'-0" 6'-0" 8'-0"



3 1BR-A ADA KITCHEN, RIGHT WALL

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

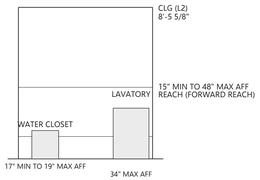
0" 2'-0" 4'-0" 6'-0" 8'-0"



4 1BR-A ADA BATH, TOP WALL

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

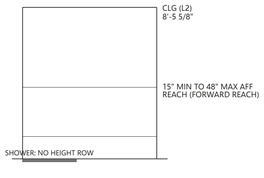
0" 2'-0" 4'-0" 6'-0" 8'-0"



5 1BR-A ADA BATH, BOTTOM WALL

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

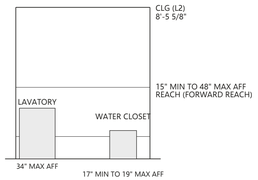
0" 2'-0" 4'-0" 6'-0" 8'-0"



6 ST-A ADA BATH, TOP WALL

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

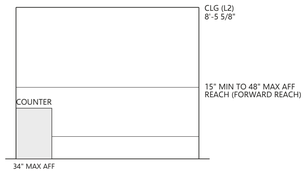
0" 2'-0" 4'-0" 6'-0" 8'-0"



7 ST-A ADA BATH, BOTTOM WALL

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

0" 2'-0" 4'-0" 6'-0" 8'-0"



8 ST-A ADA KITCHEN, TOP WALL

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

0" 2'-0" 4'-0" 6'-0" 8'-0"

9 ST-A ADA KITCHEN, BOTTOM WALL

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

0" 2'-0" 4'-0" 6'-0" 8'-0"

10 ST-A ADA KITCHEN, LEFT WALL

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

0" 2'-0" 4'-0" 6'-0" 8'-0"

SHEET NOTES

1. FINISHES: SPECIFIED IN SECTIONS 09 21 00, 09 91 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
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REVIEW

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PROJECT

Architecture.Engineering — L courtyard study

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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
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Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

INTERIOR ELEVATIONS

SHEET

A9.7

MOUNTING HEIGHTS AND REACH RANGES

2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

SECTION	ELEMENT	HEIGHT ABOVE FINISH FLOOR	FIXTURE IN THE RECORDS	PLACEMENTS
308.2.1	FORWARD REACH, UNOBSTRUCTED	15" MIN TO 48" MAX AFF	NONE PLACED	0
308.3.1	SIDE REACH, UNOBSTRUCTED	15" MIN TO 48" MAX AFF	NONE PLACED	0
309.3	OPERABLE PARTS (WITHIN THE REACH RANGES OF 308)	15" MIN TO 48" MAX AFF	NONE PLACED	0
603.3	MIRROR OVER A LAVATORY OR COUNTERTOP, BOTTOM OF THE REFLECTING SURFACE	40" MAX AFF	NONE PLACED	0
604.4	WATER CLOSET SEAT, TOP OF SEAT	17" MIN TO 19" MAX AFF	WATER CLOSET	46 (2 IN ADA UNITS)
604.7	TOILET PAPER DISPENSER OUTLET	15" MIN TO 48" MAX AFF	NONE PLACED	0
606.3	LAVATORY OR SINK, FRONT OF THE RIM OR COUNTER SURFACE	34" MAX AFF	LAVATORY, SINK	92 (4 IN ADA UNITS)
609.4	GRAB BAR, TOP OF THE GRIPPING SURFACE	33" MIN TO 36" MAX AFF	NONE PLACED	0
804.3.2	KITCHEN WORK SURFACE	34" MAX AFF	COUNTER	46 (2 IN ADA UNITS)
608.5.1	TRANSFER SHOWER CONTROLS, FAUCETS AND SPRAY UNIT, ABOVE THE SHOWER FLOOR	38" MIN TO 48" MAX AFF	NONE PLACED	0
610.3	SHOWER COMPARTMENT SEAT, TOP OF SEAT	17" MIN TO 19" MAX AFF	NONE PLACED	0

SOURCE: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN: 308.2.1, 308.3.1, 309.3, 603.3, 604.4, 604.7, 606.3, 608.5.1, 609.4, 610.3, 804.3.2; https://www.ada.gov/law-and-regs/design-standards/2010-stds/, READ 2026-10-20, PINNED EXTRACT engines/data/sources/ada2010-reach-mounting-extract.txt.
THESE LIMITS GOVERN A UNIT OR ROOM THE PROJECT MUST MAKE ACCESSIBLE. ICC A117.1, WHICH IBC CHAPTER 11 REFERENCES FOR ACCESSIBLE, TYPE A AND TYPE B UNITS, IS NOT PINNED: ITS ROWS ARE BY OTHERS.
PLACEMENTS COUNT THE FIXTURES DESIGN_ENGINE.FIXTURES PLACES IN EVERY UNIT; A9.7 DRAWS THEM AT THE ENLARGED PLANS' MARKS.

SHEET NOTES

1. FINISHES: SPECIFIED IN SECTIONS 09 21 00, 09 91 00.

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Drawn	NOT PROVIDED — BY OTHERS
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Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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MOUNTING HEIGHTS AND REACH RANGES

SHEET

A9.8

STRUCTURAL GENERAL NOTES AND DESIGN DATA

DESIGN DATA (IBC 1603.1)

CODES: IBC 2021 (REFERENCE); STRUCTURAL DESIGN BASIS AS THE DESIGN STATES IT: IBC 2021 / ASCE 7-16 / ACI 318-19 / NDS 2018

RISK CATEGORY: II (TABLE 1604.5)

FLOOR LIVE LOADS: DWELLING UNITS 40 PSF (TABLE 1607.1 MIN. 40); UPPER CORRIDORS 40 PSF (TABLE 1607.1 MIN. 40); FIRST-FLOOR CORRIDORS 100 PSF (TABLE 1607.1 MIN. 100); PARKING 40 PSF (TABLE 1607.1 ITEM 15); RETAIL 100 PSF (TABLE 1607.1 ITEM 34); COURTYARD 100 PSF (TABLE 1607.1 ITEM 37); MECHANICAL NOT PROVIDED — BY OTHERS; FOUNDATION LIVE LOAD FACTOR 0.5

ROOF LIVE LOAD: 20 PSF (TABLE 1607.1 MIN. 20)

SNOW: GROUND SNOW LOAD PG NOT PROVIDED — BY OTHERS; PF NOT PROVIDED — BY OTHERS; DRIFT NOT PROVIDED — BY OTHERS

WIND: V NOT PROVIDED — BY OTHERS; VASD NOT PROVIDED — BY OTHERS; RISK CATEGORY II; EXPOSURE B (ASSUMPTION); INTERNAL PRESSURE COEFFICIENT NOT PROVIDED — BY OTHERS; COMPONENT AND CLADDING PRESSURES NOT PROVIDED — BY OTHERS

SEISMIC: RISK CATEGORY II; IE 1.0; SS 0.95; S1 0.43; SITE CLASS D; SDS 0.74; SD1 0.52; SDC D; SFRS LIGHT-FRAME WOOD SHEAR WALLS OVER CONCRETE SHEAR WALLS; V 757.8 KIPS; CS 0.1138; R 6.5 (WOOD WALLS); ELF (ASCE 7-16 SEC 12.8)

SOIL BEARING: 2000 PSF (FIXTURE; REPORT NONE — FIXTURE)

FLOOD DESIGN DATA: NOT PROVIDED — BY OTHERS

SPECIAL LOADS: ROOFTOP PV DEAD LOAD 5.0 PSF; MECHANICAL AREAS LIVE NOT PROVIDED — BY OTHERS

RAINFALL INTENSITY I: NOT PROVIDED — BY OTHERS

DEAD LOADS (ENGINE ASSEMBLY TAKEOFF): PODIUM 98, RESIDENTIAL 43, ROOF 31 PSF

STRUCTURAL SYSTEMS

STRUCTURAL SYSTEMS: CAST IN PLACE CONCRETE; POST TENSIONED CONCRETE; SHALLOW FOUNDATIONS; WOOD LIGHT FRAME SFRS; PREFABRICATED FLOOR TRUSSES; AUTOMATIC SPRINKLER; EMERGENCY STANDBY POWER; ELECTRICAL EQUIPMENT; NONSTRUCTURAL COMPONENTS; FIRE RESISTANCE RATED ASSEMBLIES

FLOOR VIBRATION SCREEN

FLOOR VIBRATION FT-1 (24.9 FT): FIRST MODE 3.72 HZ AT THE L/360 MINIMUM STIFFNESS UNDER 40 PSF, MASS 43 PSF DEAD; SCREEN 7 TO 10.4 HZ -- RESONANT RESPONSE ANALYSIS INDICATED; RESIDENTIAL ACCEPTANCE CRITERION NOT PROVIDED — BY OTHERS

FLOOR VIBRATION FT-2 (24.9 FT): FIRST MODE 3.72 HZ AT THE L/360 MINIMUM STIFFNESS UNDER 40 PSF, MASS 43 PSF DEAD; SCREEN 7 TO 10.4 HZ -- RESONANT RESPONSE ANALYSIS INDICATED; RESIDENTIAL ACCEPTANCE CRITERION NOT PROVIDED — BY OTHERS

ALL STRUCTURAL SIZES ARE SCHEMATIC. FINAL DESIGN, SIZING AND DETAILS BY THE STRUCTURAL ENGINEER OF RECORD.
POST-TENSIONED PODIUM SLAB: DESIGN AND PRESTRESS BY THE STRUCTURAL ENGINEER OF RECORD.

STATEMENT OF SPECIAL INSPECTIONS (IBC CHAPTER 17): SECTION (SYSTEM): ITEM -- FREQUENCY -- STATUS

TABLE 1705.3 ITEM 1 (CAST IN PLACE CONCRETE): REINFORCEMENT AND PRESTRESSING TENDON PLACEMENT -- PERIODIC -- REQUIRED

TABLE 1705.3 ITEM 2 (CAST IN PLACE CONCRETE): REINFORCING BAR WELDING -- PERIODIC -- NOT PROVIDED — BY OTHERS

TABLE 1705.3 ITEM 3 (CAST IN PLACE CONCRETE): ANCHORS CAST IN CONCRETE -- PERIODIC -- REQUIRED

TABLE 1705.3 ITEM 4 (CAST IN PLACE CONCRETE): ANCHORS POST-INSTALLED IN HARDENED CONCRETE -- PERIODIC -- NOT PROVIDED — BY OTHERS

TABLE 1705.3 ITEM 5 (CAST IN PLACE CONCRETE): REQUIRED DESIGN MIX -- PERIODIC -- REQUIRED

TABLE 1705.3 ITEM 6 (CAST IN PLACE CONCRETE): STRENGTH SPECIMENS, SLUMP, AIR AND TEMPERATURE -- CONTINUOUS -- REQUIRED

TABLE 1705.3 ITEM 7 (CAST IN PLACE CONCRETE): CONCRETE PLACEMENT -- CONTINUOUS -- REQUIRED

TABLE 1705.3 ITEM 8 (CAST IN PLACE CONCRETE): CURING TEMPERATURE AND TECHNIQUES -- PERIODIC -- REQUIRED

TABLE 1705.3 ITEM 13 (CAST IN PLACE CONCRETE): IN-SITU STRENGTH BEFORE STRESSING AND BEFORE REMOVING SHORES AND FORMS -- PERIODIC -- REQUIRED

TABLE 1705.3 ITEM 14 (CAST IN PLACE CONCRETE): FORMWORK SHAPE, LOCATION AND DIMENSIONS -- PERIODIC -- REQUIRED

TABLE 1705.3 ITEM 9A (POST TENSIONED CONCRETE): APPLICATION OF PRESTRESSING FORCES -- CONTINUOUS -- REQUIRED

TABLE 1705.3 ITEM 9B (POST TENSIONED CONCRETE): GROUTING OF BONDED PRESTRESSING TENDONS -- CONTINUOUS -- NOT PROVIDED — BY OTHERS

TABLE 1705.6 ITEM 1 (SHALLOW FOUNDATIONS): MATERIALS BELOW SHALLOW FOUNDATIONS -- PERIODIC -- REQUIRED

TABLE 1705.6 ITEM 2 (SHALLOW FOUNDATIONS): EXCAVATION DEPTH AND MATERIAL -- PERIODIC -- REQUIRED

TABLE 1705.6 ITEM 3 (SHALLOW FOUNDATIONS): COMPACTED FILL CLASSIFICATION AND TESTING -- PERIODIC -- NOT PROVIDED — BY OTHERS

TABLE 1705.6 ITEM 4 (SHALLOW FOUNDATIONS): FILL PLACEMENT, DENSITIES AND LIFTS -- CONTINUOUS -- NOT PROVIDED — BY OTHERS

TABLE 1705.6 ITEM 5 (SHALLOW FOUNDATIONS): SUBGRADE BEFORE FILL -- PERIODIC -- NOT PROVIDED — BY OTHERS

1704.2.5 (PREFABRICATED FLOOR TRUSSES): FABRICATION OF FLOOR TRUSSES FT-1 -- DURING FABRICATION -- REQUIRED

1705.5.2 (PREFABRICATED FLOOR TRUSSES): TRUSS RESTRAINT AND BRACING, FT-1 -- PER SECTION -- NOT REQUIRED

1704.2.5 (PREFABRICATED FLOOR TRUSSES): FABRICATION OF FLOOR TRUSSES FT-2 -- DURING FABRICATION -- REQUIRED

1705.5.2 (PREFABRICATED FLOOR TRUSSES): TRUSS RESTRAINT AND BRACING, FT-2 -- PER SECTION -- NOT REQUIRED

1705.5.1 (WOOD LIGHT FRAME SFRS): HIGH-LOAD DIAPHRAGMS -- PER 1704.2 -- NOT REQUIRED

1705.13.2 (WOOD LIGHT FRAME SFRS): SEISMIC FASTENING OF WS-1 (8D @ 6/12) -- PERIODIC -- NOT REQUIRED

1705.13.2 (WOOD LIGHT FRAME SFRS): SEISMIC FASTENING OF WS-2 (8D @ 4/12) -- PERIODIC -- REQUIRED

1705.13.2 (WOOD LIGHT FRAME SFRS): SEISMIC FASTENING OF WS-3 (8D @ 3/12) -- PERIODIC -- REQUIRED

1705.12 (WOOD LIGHT FRAME SFRS): WIND-RESISTANCE FASTENING, ROOF AND WALL COVERING -- PERIODIC -- NOT PROVIDED — BY OTHERS

1705.13.6 (EMERGENCY STANDBY POWER): ANCHORAGE OF EMERGENCY AND STANDBY POWER EQUIPMENT -- PERIODIC -- NOT PROVIDED — BY OTHERS

1705.13.6 (AUTOMATIC SPRINKLER): EQUIPMENT CLEARANCES TO SPRINKLER DROPS AND SPRIGS -- PERIODIC -- REQUIRED

1705.13.6 (ELECTRICAL EQUIPMENT): ANCHORAGE OF OTHER ELECTRICAL EQUIPMENT -- PERIODIC -- NOT REQUIRED

1705.13.5 (NONSTRUCTURAL COMPONENTS): EXTERIOR CLADDING, NONBEARING WALLS AND VENEER -- PERIODIC -- NOT PROVIDED — BY OTHERS

1705.13.4 (NONSTRUCTURAL COMPONENTS): DESIGNATED SEISMIC SYSTEMS -- EXAMINE LABEL, ANCHORAGE AND MOUNTING -- NOT PROVIDED — BY OTHERS

1705.18 (FIRE RESISTANCE RATED ASSEMBLIES): THROUGH-PENETRATION FIRESTOPS AND FIRE-RESISTANT JOINTS -- PER SECTION -- REQUIRED

SHEET NOTES

1. SPECIAL INSPECTIONS: SPECIFIED IN SECTION 01 45 33.
2. STRUCTURAL MATERIALS: SPECIFIED IN SECTIONS 03 30 00, 06 10 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
MECHANICAL	NOT PROVIDED — BY OTHERS
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OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

MARK	DATE	DESCRIPTION

REGISTER

Project	AE-STUDY-L01
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Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
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OPEN ISSUE

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STRUCTURAL GENERAL NOTES & LOADS

SHEET

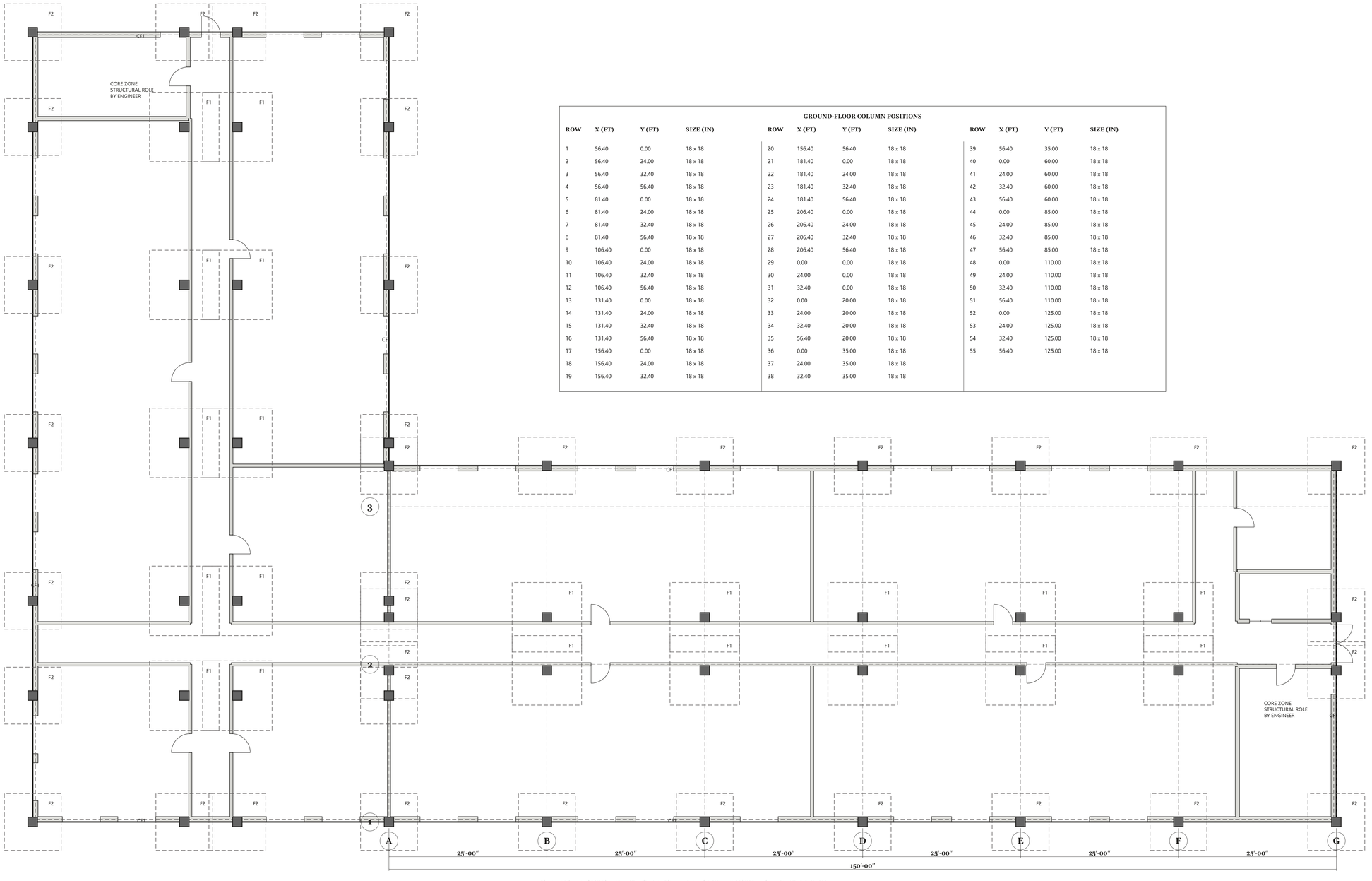
S0.1

FOOTING SCHEDULE

MARK	TYPE	SIZE	THICKNESS	REINFORCING	COUNT	BEARING	SIZE BASIS
F1	SPREAD FOOTING	11 FT x 11 FT	18 IN.	#6 @ 10in EW	20	2000 PSF (FIXTURE)	COMPUTED BY THE ENGINE
F2	SPREAD FOOTING	9 FT x 9 FT	14 IN.	#5 @ 12in EW	35	2000 PSF (FIXTURE)	TYPED, NO CALCULATION
CF1	CONTINUOUS FOOTING	24 IN. WIDE	18 IN.	(2)#5 T&B	7	2000 PSF (FIXTURE)	TYPED, NO CALCULATION

GROUND-FLOOR COLUMN POSITIONS

ROW	X (FT)	Y (FT)	SIZE (IN)	ROW	X (FT)	Y (FT)	SIZE (IN)	ROW	X (FT)	Y (FT)	SIZE (IN)
1	56.40	0.00	18 x 18	20	156.40	56.40	18 x 18	39	56.40	35.00	18 x 18
2	56.40	24.00	18 x 18	21	181.40	0.00	18 x 18	40	0.00	60.00	18 x 18
3	56.40	32.40	18 x 18	22	181.40	24.00	18 x 18	41	24.00	60.00	18 x 18
4	56.40	56.40	18 x 18	23	181.40	32.40	18 x 18	42	32.40	60.00	18 x 18
5	81.40	0.00	18 x 18	24	181.40	56.40	18 x 18	43	56.40	60.00	18 x 18
6	81.40	24.00	18 x 18	25	206.40	0.00	18 x 18	44	0.00	85.00	18 x 18
7	81.40	32.40	18 x 18	26	206.40	24.00	18 x 18	45	24.00	85.00	18 x 18
8	81.40	56.40	18 x 18	27	206.40	32.40	18 x 18	46	32.40	85.00	18 x 18
9	106.40	0.00	18 x 18	28	206.40	56.40	18 x 18	47	56.40	85.00	18 x 18
10	106.40	24.00	18 x 18	29	0.00	0.00	18 x 18	48	0.00	110.00	18 x 18
11	106.40	32.40	18 x 18	30	24.00	0.00	18 x 18	49	24.00	110.00	18 x 18
12	106.40	56.40	18 x 18	31	32.40	0.00	18 x 18	50	32.40	110.00	18 x 18
13	131.40	0.00	18 x 18	32	0.00	20.00	18 x 18	51	56.40	110.00	18 x 18
14	131.40	24.00	18 x 18	33	24.00	20.00	18 x 18	52	0.00	125.00	18 x 18
15	131.40	32.40	18 x 18	34	32.40	20.00	18 x 18	53	24.00	125.00	18 x 18
16	131.40	56.40	18 x 18	35	56.40	20.00	18 x 18	54	32.40	125.00	18 x 18
17	156.40	0.00	18 x 18	36	0.00	35.00	18 x 18	55	56.40	125.00	18 x 18
18	156.40	24.00	18 x 18	37	24.00	35.00	18 x 18				
19	156.40	32.40	18 x 18	38	32.40	35.00	18 x 18				



FOUNDATION: BY GEOTECHNICAL/STRUCTURAL EOR — BEARING DEPTH BY GEOTECHNICAL REPORT (BY OTHERS)

FOUNDATION CONCEPT PLAN

SHEET NOTES

1. FOUNDATIONS: SPECIFIED IN SECTION 03 30 00.

N

PLAN NORTH TAKEN AS TRUE NORTH

1 **FOUNDATION CONCEPT PLAN**
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'

NOT PROVIDED — BY OTHERS
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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

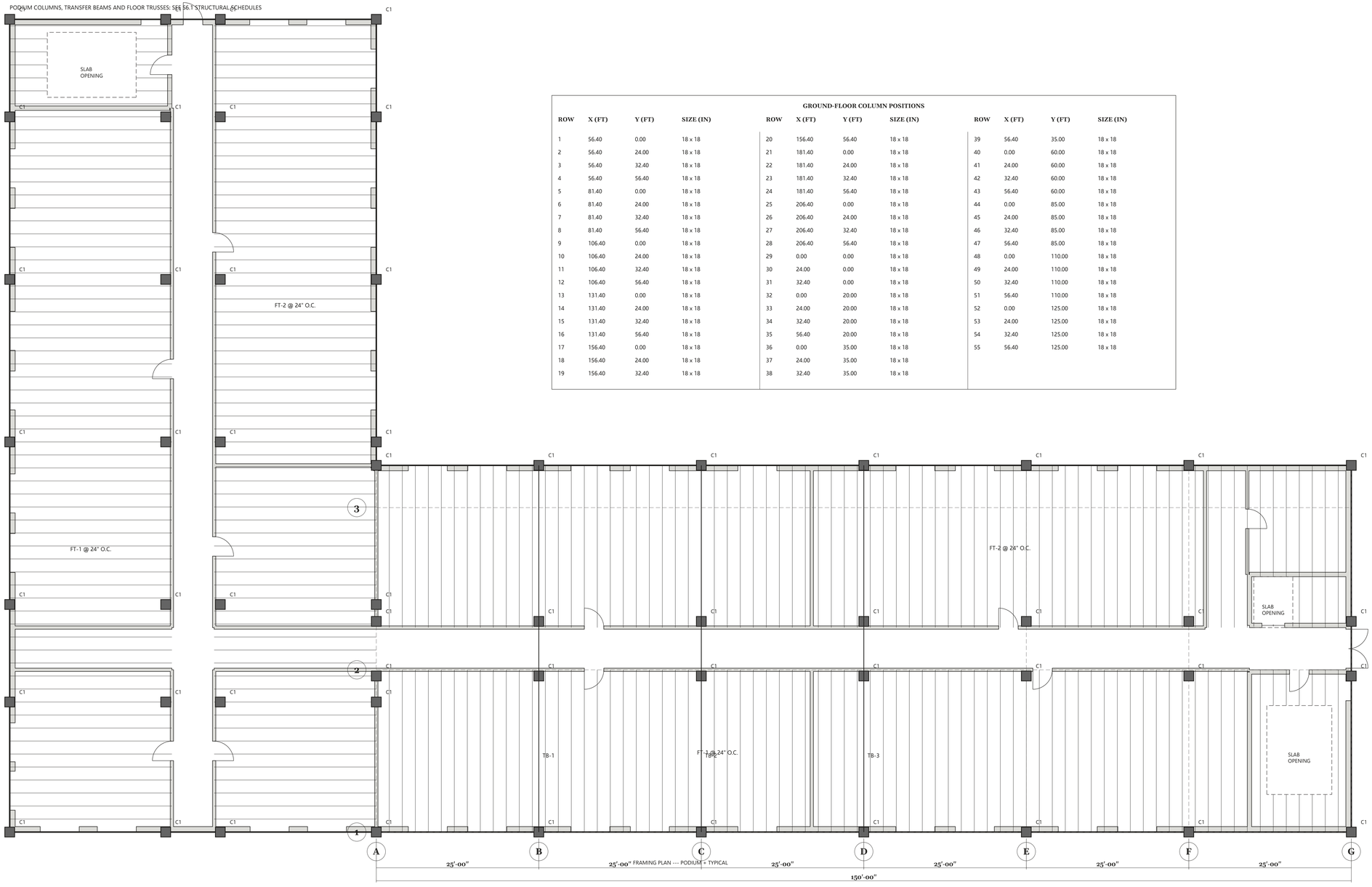
FOUNDATION CONCEPT PLAN

SHEET

S1.1

NOMINAL TRUSS RUNS STOP AT MODELED SLAB OPENINGS; HEADERS AND TRIMMERS BY STRUCTURAL ENGINEER.

PODIUM COLUMNS, TRANSFER BEAMS AND FLOOR TRUSSES: SEE S6.1 STRUCTURAL SCHEDULES



25'-00" FRAMING PLAN --- PODIUM + TYPICAL

GROUND-FLOOR COLUMN POSITIONS

ROW	X (FT)	Y (FT)	SIZE (IN)	ROW	X (FT)	Y (FT)	SIZE (IN)	ROW	X (FT)	Y (FT)	SIZE (IN)
1	56.40	0.00	18 x 18	20	156.40	56.40	18 x 18	39	56.40	35.00	18 x 18
2	56.40	24.00	18 x 18	21	181.40	0.00	18 x 18	40	0.00	60.00	18 x 18
3	56.40	32.40	18 x 18	22	181.40	24.00	18 x 18	41	24.00	60.00	18 x 18
4	56.40	56.40	18 x 18	23	181.40	32.40	18 x 18	42	32.40	60.00	18 x 18
5	81.40	0.00	18 x 18	24	181.40	56.40	18 x 18	43	56.40	60.00	18 x 18
6	81.40	24.00	18 x 18	25	206.40	0.00	18 x 18	44	0.00	85.00	18 x 18
7	81.40	32.40	18 x 18	26	206.40	24.00	18 x 18	45	24.00	85.00	18 x 18
8	81.40	56.40	18 x 18	27	206.40	32.40	18 x 18	46	32.40	85.00	18 x 18
9	106.40	0.00	18 x 18	28	206.40	56.40	18 x 18	47	56.40	85.00	18 x 18
10	106.40	24.00	18 x 18	29	0.00	0.00	18 x 18	48	0.00	110.00	18 x 18
11	106.40	32.40	18 x 18	30	24.00	0.00	18 x 18	49	24.00	110.00	18 x 18
12	106.40	56.40	18 x 18	31	32.40	0.00	18 x 18	50	32.40	110.00	18 x 18
13	131.40	0.00	18 x 18	32	0.00	20.00	18 x 18	51	56.40	110.00	18 x 18
14	131.40	24.00	18 x 18	33	24.00	20.00	18 x 18	52	0.00	125.00	18 x 18
15	131.40	32.40	18 x 18	34	32.40	20.00	18 x 18	53	24.00	125.00	18 x 18
16	131.40	56.40	18 x 18	35	56.40	20.00	18 x 18	54	32.40	125.00	18 x 18
17	156.40	0.00	18 x 18	36	0.00	35.00	18 x 18	55	56.40	125.00	18 x 18
18	156.40	24.00	18 x 18	37	24.00	35.00	18 x 18				
19	156.40	32.40	18 x 18	38	32.40	35.00	18 x 18				

SHEET NOTES

1. FRAMING: SPECIFIED IN SECTION 06 10 00.

N

PLAN NORTH TAKEN AS TRUE NORTH

① **PODIUM FRAMING + TYPICAL WOOD FLOOR**
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'

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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

PODIUM FRAMING + TYPICAL WOOD FLOOR

SHEET

S2.1

NOMINAL TRUSS RUNS STOP AT MODELED SLAB OPENINGS; HEADERS AND TRIMMERS BY STRUCTURAL ENGINEER.



L3 FLOOR FRAMING: FT-1 x 136, FT-2 x 136 AT 24 IN. O.C., CORRIDOR TO EXTERIOR IN EACH WING (MAIN, RETURN); FLOOR ASSEMBLY FC1

L3 FLOOR FRAMING PLAN

SHEET NOTES

1. FOOTINGS, COLUMNS, BEAMS: SPECIFIED IN SECTIONS 03 30 00, 06 10 00.
2. FRAMING: SPECIFIED IN SECTION 06 10 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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

LEVEL 3 FLOOR FRAMING PLAN

SHEET

S2.2

1 LEVEL 3 FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'

N
PLAN NORTH TAKEN AS TRUE NORTH

NOMINAL TRUSS RUNS STOP AT MODELED SLAB OPENINGS; HEADERS AND TRIMMERS BY STRUCTURAL ENGINEER.



L4 FLOOR FRAMING: FT-1 x 136, FT-2 x 136 AT 24 IN. O.C., CORRIDOR TO EXTERIOR IN EACH WING (MAIN, RETURN); FLOOR ASSEMBLY FC1

L4 FLOOR FRAMING PLAN

1 LEVEL 4 FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. FOOTINGS, COLUMNS, BEAMS: SPECIFIED IN SECTIONS 03 30 00, 06 10 00.
2. FRAMING: SPECIFIED IN SECTION 06 10 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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

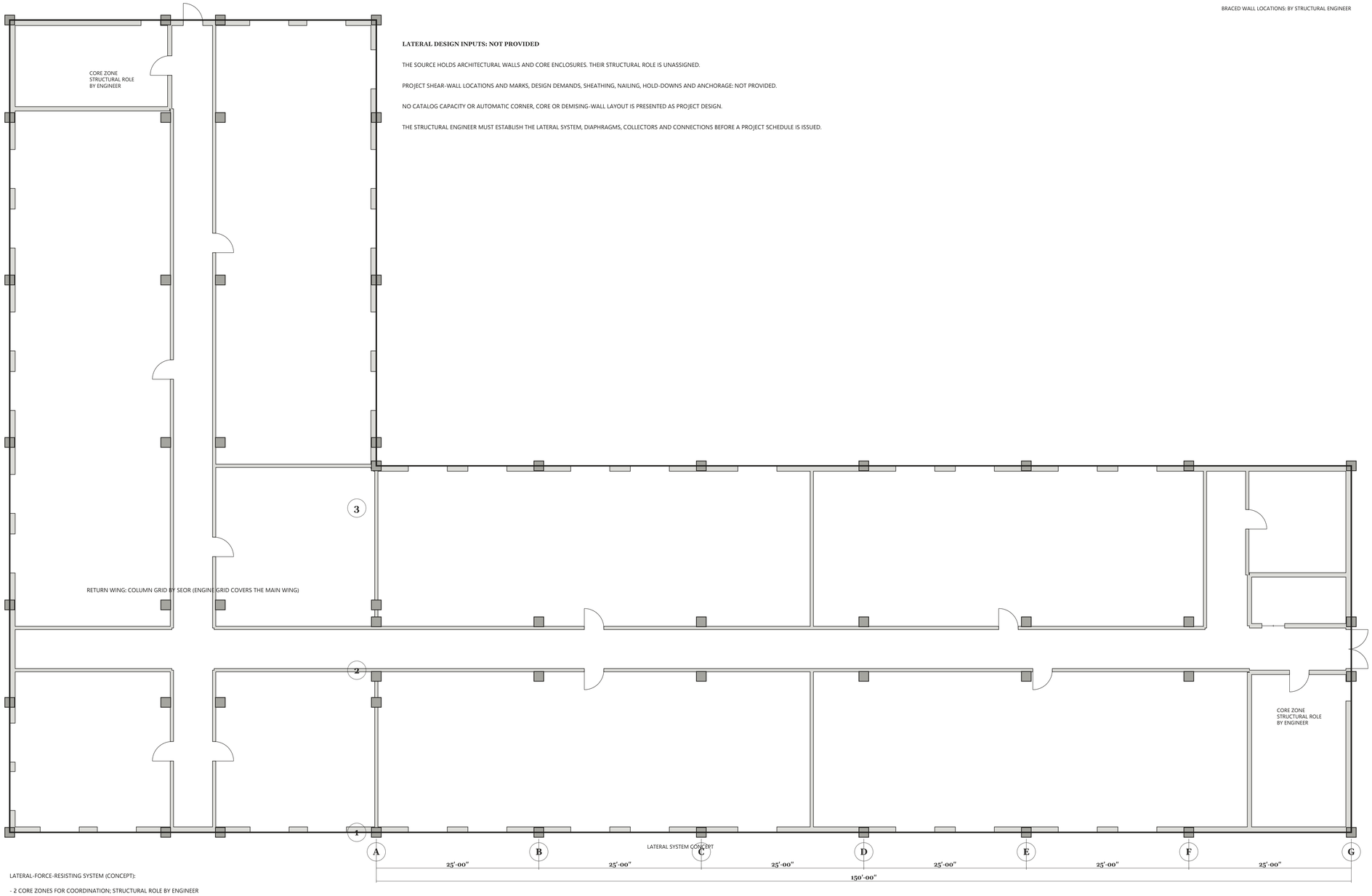
OPEN ISSUE

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

LEVEL 4 FLOOR FRAMING PLAN

SHEET

S2.3



LATERAL DESIGN INPUTS: NOT PROVIDED

THE SOURCE HOLDS ARCHITECTURAL WALLS AND CORE ENCLOSURES. THEIR STRUCTURAL ROLE IS UNASSIGNED.

PROJECT SHEAR-WALL LOCATIONS AND MARKS, DESIGN DEMANDS, SHEATHING, NAILING, HOLD-DOWNS AND ANCHORAGE: NOT PROVIDED.

NO CATALOG CAPACITY OR AUTOMATIC CORNER, CORE OR DEMISING-WALL LAYOUT IS PRESENTED AS PROJECT DESIGN.

THE STRUCTURAL ENGINEER MUST ESTABLISH THE LATERAL SYSTEM, DIAPHRAGMS, COLLECTORS AND CONNECTIONS BEFORE A PROJECT SCHEDULE IS ISSUED.

BRACED WALL LOCATIONS: BY STRUCTURAL ENGINEER

LATERAL-FORCE-RESISTING SYSTEM (CONCEPT):

- 2 CORE ZONES FOR COORDINATION; STRUCTURAL ROLE BY ENGINEER
- WOOD SHEAR WALL LAYOUT: NOT PROVIDED
- DIAPHRAGMS AND COLLECTORS: BY STRUCTURAL ENGINEER

SEISMIC BASE SHEAR: BY STRUCTURAL ENGINEER

LOCATIONS DIAGRAMMATIC. FINAL LAYOUT, SIZING, HOLD-DOWNS AND ANCHORAGE BY THE STRUCTURAL ENGINEER OF RECORD.

N

PLAN NORTH TAKEN AS TRUE NORTH

1 LATERAL SYSTEM CONCEPT

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

SHEET NOTES

1. LATERAL SYSTEM: SPECIFIED IN SECTION 06 10 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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

LATERAL SYSTEM CONCEPT

SHEET

S3.1

NOTES

1. SEISMIC BRACING NOT EVALUATED; STRUCTURAL ENGINEER REVIEW REQUIRED:

2. IBC 2021 CHAPTER 35 REFERENCES ASCE 7-16; THESE ROWS REPRODUCE ASCE 7-22 CHAPTER 13 AND THE REPO PINS NO ASCE 7-16 CHAPTER 13 TEXT, SO NO FORCE IS COMPUTED

① **SEISMIC FORCES AND BRACING SCHEDULE**
SCALE: NTS

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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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

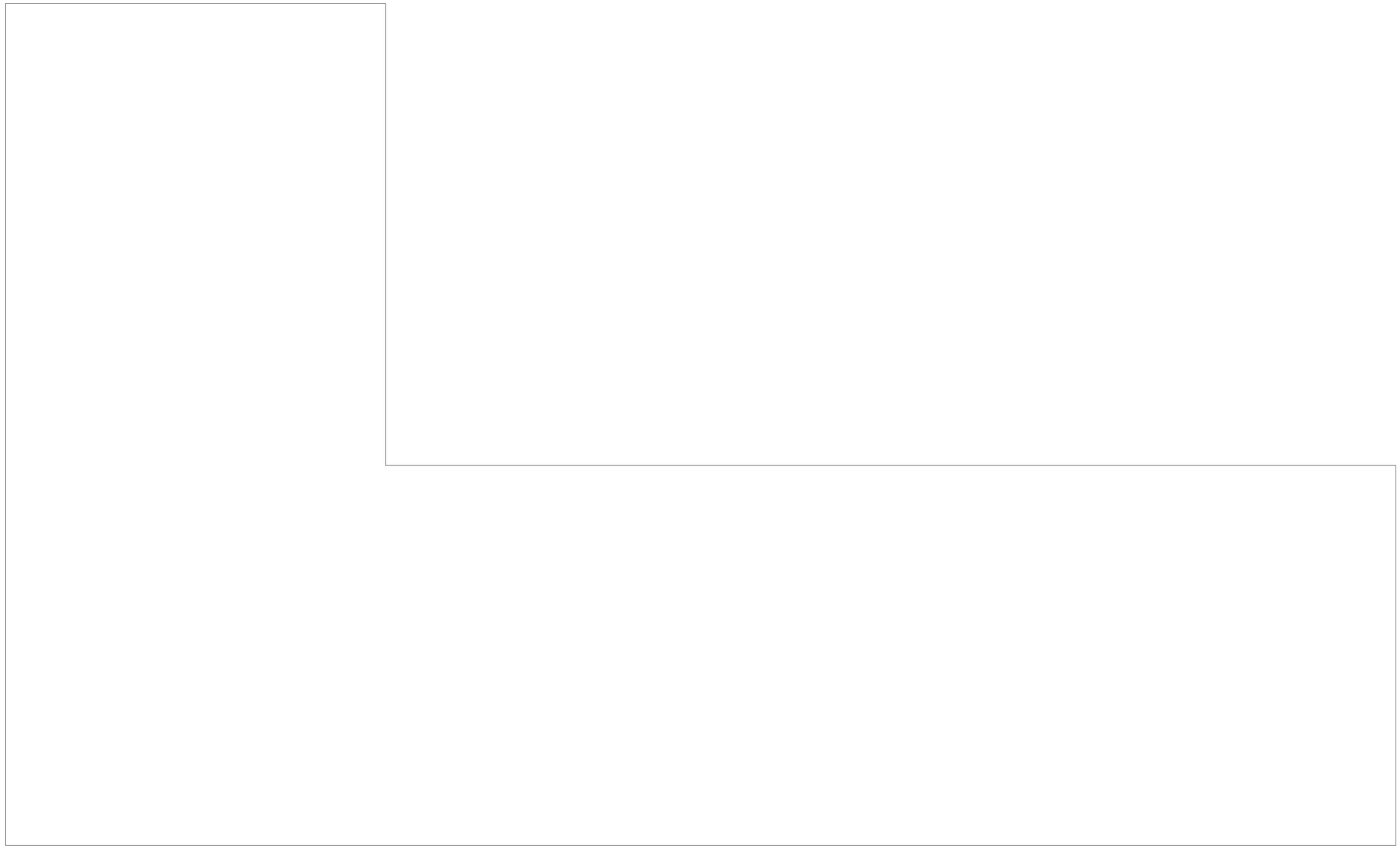
OPEN ISSUE

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

SEISMIC FORCES AND BRACING SCHEDULE

SHEET

S5.1



NOTES
1. SEISMIC BRACING NOT EVALUATED; STRUCTURAL ENGINEER REVIEW REQUIRED;
2. IBC 2021 CHAPTER 35 REFERENCES ASCE 7-16; THESE ROWS REPRODUCE ASCE 7-22 CHAPTER 13 AND THE REPO PINS NO ASCE 7-16 CHAPTER 13 TEXT, SO NO FORCE IS COMPUTED

① **MEP BRACING PLAN**
SCALE: 1/8" = 1'-0"
0' 5' 10' 15' 20'

N
PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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
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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

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

MEP BRACING PLAN

SHEET

S5.2

NOTES

1. SEISMIC BRACING NOT EVALUATED; STRUCTURAL ENGINEER REVIEW REQUIRED:

2. IBC 2021 CHAPTER 35 REFERENCES ASCE 7-16; THESE ROWS REPRODUCE ASCE 7-22 CHAPTER 13 AND THE REPO PINS NO ASCE 7-16 CHAPTER 13 TEXT, SO NO FORCE IS COMPUTED

① **SEISMIC BRACING DETAILS**
SCALE: NTS

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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PROJECT

Architecture.Engineering — L courtyard study

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ARCHITECTURE.ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

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Project	AE-STUDY-L01
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Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

SEISMIC BRACING DETAILS

SHEET

S5.3

STRUCTURAL SCHEDULES

PRELIMINARY: THE ENGINE'S MEMBERS FOR COORDINATION. FINAL DESIGN, SIZING AND DETAILS BY THE STRUCTURAL ENGINEER OF RECORD.

COLUMN SCHEDULE

MARK	LEVEL	SIZE	F'C	REINFORCING	PU	COUNT	SIZE BASIS
C1	L1	18x18 IN.	5000 PSI	(8) #8, #4 ties @ 12in oc	263 KIPS	55	COMPUTED BY THE ENGINE

TRANSFER BEAM SCHEDULE

MARK	SIZE	SPAN	TOP	BOTTOM	STIRRUPS	MU	VU	SHEAR	SIZE BASIS
TB-1	18Wx30D	25 FT	(2) #7	(2) #10	#4 @ 12in oc	263.1 KIP-FT	42.1 KIPS	NOT PROVIDED — BY OTHERS	SIZE TYPED; MU, VU COMPUTED
TB-2	18Wx30D	25 FT	(2) #7	(2) #10	#4 @ 12in oc	263.1 KIP-FT	42.1 KIPS	NOT PROVIDED — BY OTHERS	SIZE TYPED; MU, VU COMPUTED
TB-3	18Wx30D	25 FT	(2) #7	(2) #10	#4 @ 12in oc	263.1 KIP-FT	42.1 KIPS	NOT PROVIDED — BY OTHERS	SIZE TYPED; MU, VU COMPUTED

FLOOR TRUSS SCHEDULE

MARK	DEPTH	SPACING	SPAN	LOAD	CHORDS	WEB	COUNT	SIZE BASIS
FT-1	16 IN.	24 IN. O.C.	24.9 FT	83 PSF	2x4 DF-L #1 TOP, 2x4 DF-L #1 BOTTOM	Steel tube (open-web)	272	DEPTH TYPED; DESIGN BY THE TRUSS DESIGNER
FT-2	16 IN.	24 IN. O.C.	24.9 FT	83 PSF	2x4 DF-L #1 TOP, 2x4 DF-L #1 BOTTOM	Steel tube (open-web)	272	DEPTH TYPED; DESIGN BY THE TRUSS DESIGNER

DEFLECTION (IBC TABLE 1604.3, FLOOR MEMBERS)

MEMBER	SPAN	LIMIT L	LIMIT D+L	COMPUTED	RESULT
FT-1	24.9 FT	L/360 = 0.83 IN.	L/240 = 1.24 IN.	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
FT-2	24.9 FT	L/360 = 0.83 IN.	L/240 = 1.24 IN.	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
TB-1	25 FT	L/360 = 0.83 IN.	L/240 = 1.25 IN.	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
TB-2	25 FT	L/360 = 0.83 IN.	L/240 = 1.25 IN.	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS
TB-3	25 FT	L/360 = 0.83 IN.	L/240 = 1.25 IN.	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS

HEADER SCHEDULE

HEADERS: NOT PROVIDED — BY OTHERS

FRAMING BY LEVEL

L3 FLOOR FRAMING: FT-1 x 136, FT-2 x 136 AT 24 IN. O.C., CORRIDOR TO EXTERIOR IN EACH WING (MAIN, RETURN); FLOOR ASSEMBLY FC1

L4 FLOOR FRAMING: FT-1 x 136, FT-2 x 136 AT 24 IN. O.C., CORRIDOR TO EXTERIOR IN EACH WING (MAIN, RETURN); FLOOR ASSEMBLY FC1

SHRINKAGE

SHRINKAGE (2304.3.3): THE L2 WOOD WALLS CARRY 2 FLOORS AND A ROOF, NOT MORE THAN 2 FLOORS AND A ROOF: NO ANALYSIS OWED; MOISTURE CONTENT NOT PROVIDED — BY OTHERS; SHRINKAGE NOT PROVIDED — BY OTHERS

BALCONY GUARDS

BALCONY GUARDS: NO BALCONY IN THE MODEL

SHEET NOTES

1. FOOTINGS, COLUMNS, BEAMS: SPECIFIED IN SECTIONS 03 30 00, 06 10 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

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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

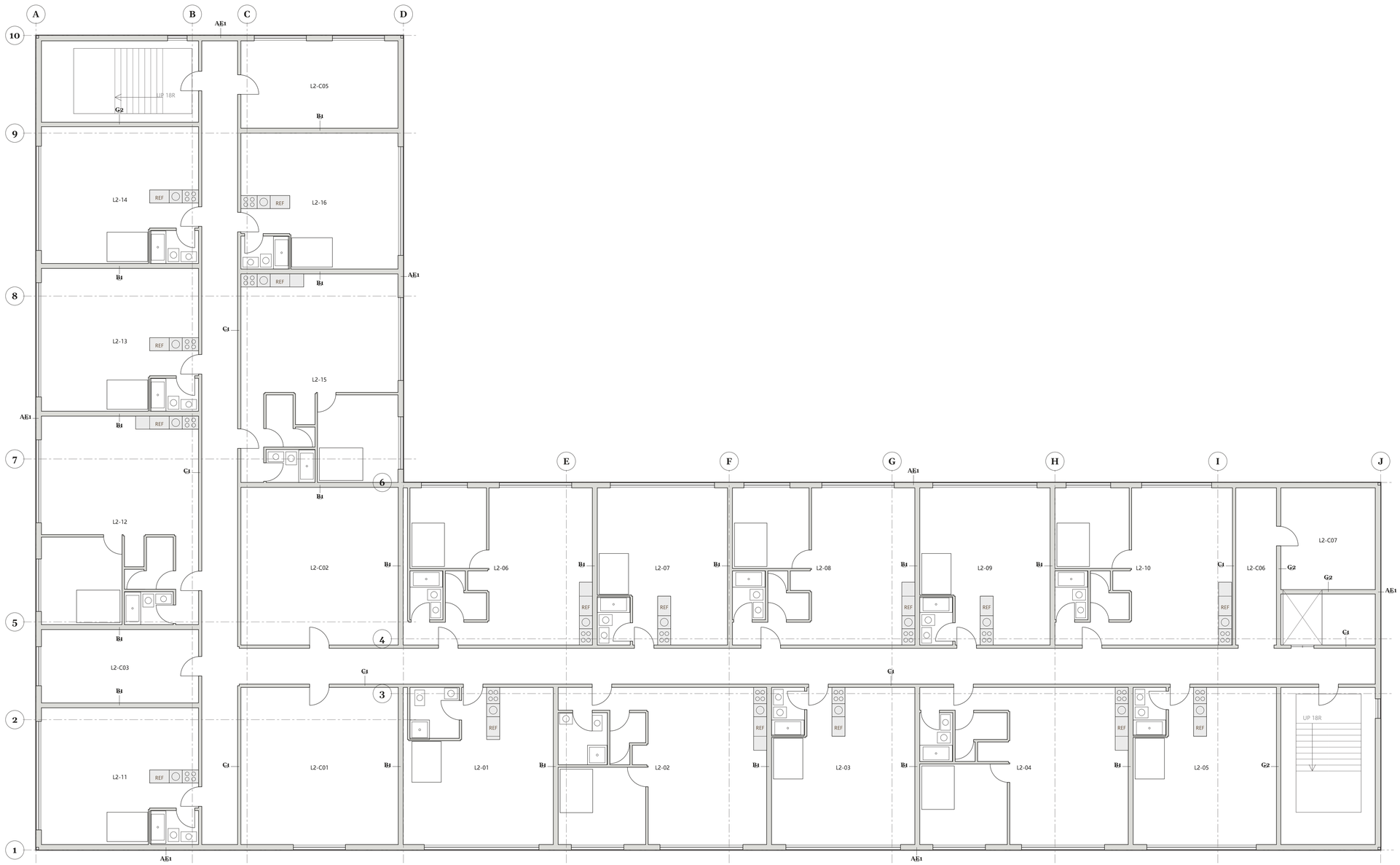
OPEN ISSUE

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

STRUCTURAL SCHEDULES

SHEET

S6.1



HVAC COORDINATION (L2)

HVAC: EQUIPMENT, DEVICE AND ROUTING LOCATIONS NOT PROVIDED. ARCHITECTURAL COORDINATION BACKGROUND ONLY.

ARCHITECT: SEE A1.02 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS.

1 HVAC COORDINATION - L2

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. HVAC: SPECIFIED IN SECTION 23 81 00.
2. COMMISSIONING: SPECIFIED IN SECTION 01 91 13.

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
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FIRE PROTECTION	NOT PROVIDED — BY OTHERS
GEOTECHNICAL	NOT PROVIDED — BY OTHERS

REVIEW

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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

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Project	AE-STUDY-L01
Issue	NOT PROVIDED — BY OTHERS
Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

HVAC COORDINATION - L2

SHEET

M1.1

HVAC LOAD SUMMARY — CONSTRUCTION DOCUMENTS

NOTE: ENGINE LOAD TAKEOFF. DESIGN LOADS AND EQUIPMENT SELECTION BY THE MECHANICAL ENGINEER OF RECORD.

HVAC SYSTEM SUMMARY

SYSTEM	QTY/AREA	UNIT RATE	TOTAL CAPACITY	MODE
CORRIDOR/COMMON VENTILATION	NOT PROVIDED — BY OTHERS	BY MECHANICAL EOR	—	SUPPLY/EXHAUST
PARKING (IF APPLICABLE)	—	PER IMC 403.3.2	BY MEP ENGINEER	EXHAUST

SHEET NOTES

1. HVAC: SPECIFIED IN SECTION 23 81 00.
2. COMMISSIONING: SPECIFIED IN SECTION 01 91 13.

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

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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.

HVAC LOAD CALCULATIONS

SHEET

M2.1

HVAC EQUIPMENT SCHEDULE

TAG	TYPE	CAPACITY	LOCATION	MODEL	NOTES
—	EQUIPMENT SCHEDULE TO BE COMPLETED BY THE MECHANICAL ENGINEER OF RECORD				

EQUIPMENT SCHEDULE TO BE COMPLETED BY THE MECHANICAL ENGINEER OF RECORD

NOT PROVIDED — BY OTHERS

SHEET NOTES

1. HVAC: SPECIFIED IN SECTION 23 81 00.
2. COMMISSIONING: SPECIFIED IN SECTION 01 91 13.

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
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GEOTECHNICAL	NOT PROVIDED — BY OTHERS

REVIEW

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PROJECT

Architecture.Engineering — L courtyard study

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HVAC EQUIPMENT SCHEDULE

SHEET

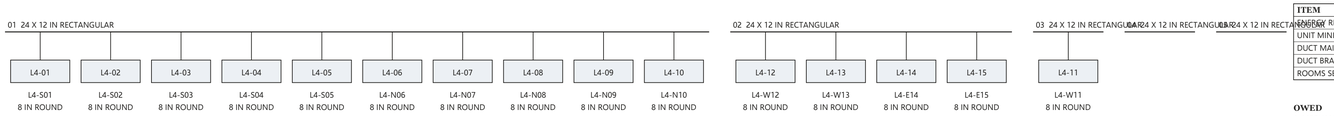
M3.1

MECHANICAL ONE-LINE, FROM THE ELEMENT FILE (SCHEMATIC)

EVERY DEVICE DRAWN IS AN ELEMENT-FILE RECORD; ITS ID IS THE GUID. A DEVICE THE FILE DOES NOT CARRY IS LISTED AS OWED.

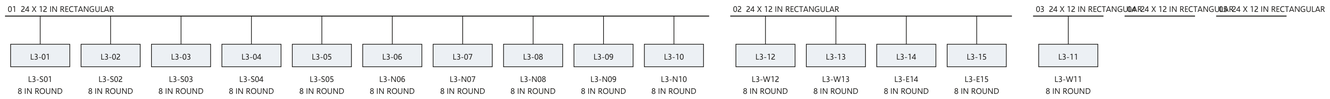
L4

EQUIPMENT: NO RECORD, OWED



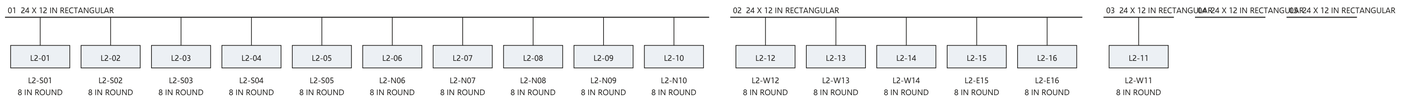
L3

EQUIPMENT: NO RECORD, OWED



L2

EQUIPMENT: NO RECORD, OWED



BILL OF MATERIALS, COUNTED FROM THE RECORDS

ITEM	SIZE	QTY	LENGTH FT	RECORD
ENERGY RECOVERY VENTILATOR		NOT PROVIDED — BY OTHERS		MEP-BOM-M-ERV
UNIT MINI-SPLITS		NOT PROVIDED — BY OTHERS		MEP-BOM-M-MSP
DUCT MAIN, GALVANIZED STEEL	24 X 12 IN RECTANGULAR	15	903.7	MEP-BOM-M-DCT-01
DUCT BRANCH, GALVANIZED STEEL	8 IN ROUND	46	138.0	MEP-BOM-M-DCT-02
ROOMS SERVED		46		MEP-BOM-M-ZON

OWED

1. MECHANICAL ENGINEER TO PROVIDE: ENERGY RECOVERY VENTILATOR: NO ELEMENT-FILE RECORD, OWED (MEP-BOM-M-ERV)
2. MECHANICAL ENGINEER TO PROVIDE: UNIT MINI-SPLITS: NO ELEMENT-FILE RECORD, OWED (MEP-BOM-M-MSP)

1 MECHANICAL ONE-LINE AND BILL OF MATERIALS
SCALE: NTS

SHEET NOTES

1. HVAC: SPECIFIED IN SECTION 23 81 00.
2. COMMISSIONING: SPECIFIED IN SECTION 01 91 13.

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Phase	CONSTRUCTION DOCUMENTS

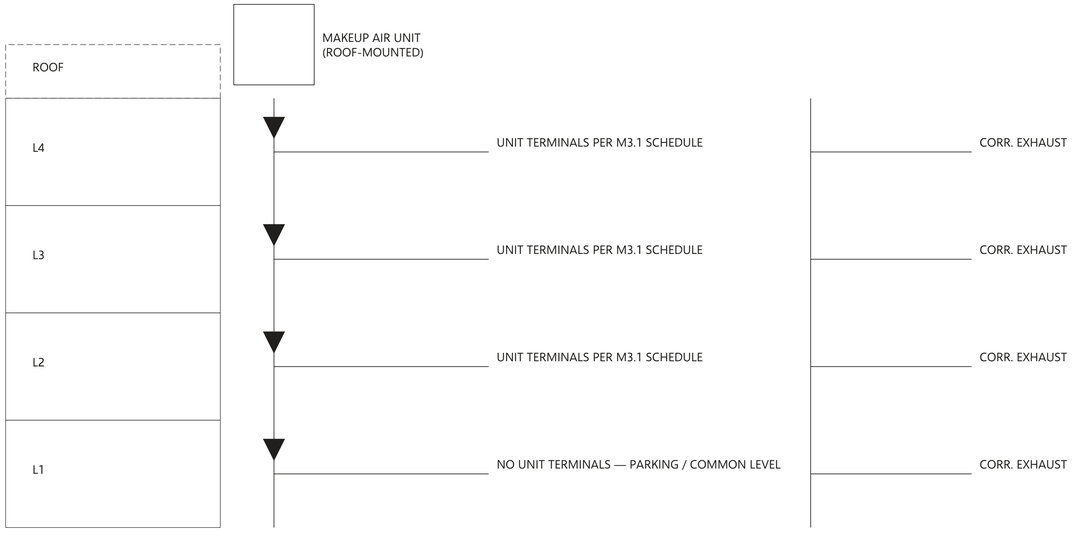
OPEN ISSUE

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

MECHANICAL ONE-LINE DIAGRAM AND BILL OF MATERIALS

SHEET

M3.2



HVAC RISER DIAGRAM — NOT TO SCALE
VENTILATION PER ASHRAE 62.2

SHEET NOTES

1. HVAC: SPECIFIED IN SECTION 23 81 00.
2. COMMISSIONING: SPECIFIED IN SECTION 01 91 13.

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APPLICANT / OWNER

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OPEN ISSUE

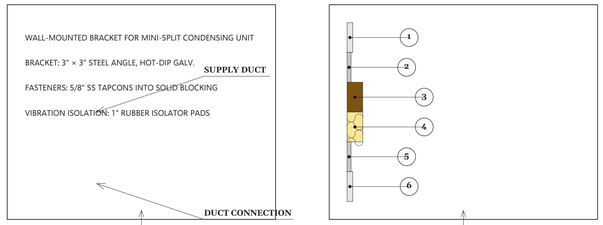
The set's open issue is stated on the cover, G0.01.

VENTILATION RISER DIAGRAM

SHEET

M4.1

HVAC DETAILS



1 CONDENSING UNIT WALL BRACKET
SCALE: 1/4" = 1'-0"

2 ACOUSTIC WALL ASSEMBLY (STC 55)
SCALE: 1/4" = 1'-0"

SHEET NOTES

1. HVAC: SPECIFIED IN SECTION 23 81 00.
2. COMMISSIONING: SPECIFIED IN SECTION 01 91 13.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

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Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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HVAC DETAILS

SHEET

M5.1

ENCLOSED PARKING GARAGE EXHAUST, OMSC 2022 404.1

LEVEL	AREA SERVED (SF)	FULL-ON (CFM)	STANDBY (CFM)	CONTROL	FANS, CAPACITY	DETECTORS	RECORD
NO GARAGE LEVEL IN THE IBG							

RESIDENTIAL KITCHEN EXHAUST, OMSC 2022 403.3 AND 505

UNIT TYPE	KITCHENS	RATE	DUCT	SIZE	LONGEST RUN (FT)	MAKEUP AIR	RECORD
1BR	23	150 CFM INTERMITTENT OR 50 CONTINUOUS	SHEET METAL TO OUTDOORS, BACKDRAFT DAMPER	NOT PROVIDED — BY OTHERS	20.12	NOT REQUIRED	MEP-KEX-SYS
ST	23	150 CFM INTERMITTENT OR 50 CONTINUOUS	SHEET METAL TO OUTDOORS, BACKDRAFT DAMPER	NOT PROVIDED — BY OTHERS	21.20	NOT REQUIRED	MEP-KEX-SYS

CLOTHES DRYER EXHAUST, OMSC 2022 504

UNIT TYPE	DRYERS	DUCT	LONGEST RUN (FT)	ELBOWS	EQUIV. LENGTH AT FULL RISE (FT)	OVER THE LIMIT	RISE ALLOWED (FT)	NO EXTERIOR FACE	RECORD
1BR	23	4 IN. METAL	15.08	2	35.08	22	9.92	0	MEP-DRY-SIZE, -LEN
ST	23	4 IN. METAL	19.26	2	39.26	23	5.74	0	MEP-DRY-SIZE, -LEN

NOTES

1. A RECIRCULATING HOOD IS NOT THE KITCHEN EXHAUST: TABLE 403.3.1.1 NOTE B REQUIRES MECHANICAL EXHAUST AND 403.2.1 FORBIDS RECIRCULATING IT. A LISTED DUCTLESS HOOD STANDS ONLY WHERE CHAPTER 4 EXHAUST IS PROVIDED ANOTHER WAY (505.3 EXCEPTION 1). NO ROW SIZES THE KITCHEN DUCT.
2. DRYER DUCT: METAL 0.016 IN. MINIMUM, SMOOTH INSIDE; NO FIRE OR SMOKE DAMPERS AND NO BOOSTER FANS; A BACKDRAFT DAMPER AT THE TERMINATION, 3 FT FROM OPENINGS INTO THE BUILDING; A DRYER CLOSET TAKES A 100 SQ IN. OPENING OR OTHER MAKEUP AIR.
3. EQUIVALENT LENGTH: THE RISE AT THE FULL LEVEL HEIGHT, PLUS THE RUN, PLUS EACH 90-DEGREE ELBOW AT 5 FT, AGAINST 35 FT. A RUN OVER THE LIMIT TAKES THE DRYER MANUFACTURER'S LENGTH (504.9.4.2) OR A LISTED POWER VENTILATOR'S (504.9.4.3), AND A PERMANENT LABEL GIVES ITS EQUIVALENT LENGTH (504.9.5).
4. OMSC 2025, IN FORCE SINCE 2026-04-01: THE SAME GARAGE RATES AND CONTROL; EVERY GROUP R-2 KITCHEN TAKES 150 CFM INTERMITTENT OR 50 CONTINUOUS (TABLE 403.3.2.3); DRYER ROWS UNCHANGED.

1 **GARAGE AND SPECIAL EXHAUST**
SCALE: NTS

SHEET NOTES

1. HVAC: SPECIFIED IN SECTION 23 81 00.
2. COMMISSIONING: SPECIFIED IN SECTION 01 91 13.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

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Architecture.Engineering — L courtyard study

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ARCHITECTURE.ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

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Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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

GARAGE AND SPECIAL EXHAUST

SHEET

M6.1

SMOKE CONTROL SCREEN, OSSC 2022 SECTION 909

TRIGGER	SECTION	RULE	THIS BUILDING	RESULT	RECORD
SMOKEPROOF ENCLOSURES, HIGH-RISE	OSSC 2022 403.5.4, 1023.12	A FLOOR MORE THAN 75 FT ABOVE FIRE DEPT. ACCESS	L4 AT 41.58 FT, ROOF AT 51.58 FT	NOT REQUIRED	MEP-SMK-HR
ATRIUM	OSSC 2022 404.5	ANY ATRIUM, EXCEPT ONE CONNECTING TWO STORIES	NONE IN THE IBG	NO ATRIUM	MEP-SMK-ATR
UNDERGROUND BUILDING	OSSC 2022 405.1, 405.5.1	A FLOOR MORE THAN 30 FT BELOW EXIT DISCHARGE	0 FT BELOW	NOT UNDERGROUND	MEP-SMK-UG
SMOKE CONTROL SYSTEM	OSSC 2022 909.1	WHERE ANOTHER PROVISION REQUIRES IT	NO TRIGGER ABOVE	NOT REQUIRED	MEP-SMK-REQ
METHOD: PRESSURIZATION, EXHAUST OR PASSIVE	OSSC 2022 909.4	FROM THE RATIONAL ANALYSIS	NONE		MEP-SMK-REQ
FAN SIZING	OSSC 2022 909.4	FROM THE RATIONAL ANALYSIS	NONE		MEP-SMK-REQ
STAIR PRESSURIZATION	OSSC 2022 909.6.3, 909.20.5	A PRESSURIZED STAIR IS A SECTION 909 SYSTEM	NOT PROVIDED		MEP-SMK-PRESS

SEQUENCE OF OPERATIONS

1. RANGE HOODS RUN INTERMITTENTLY ON THE OCCUPANT'S SWITCH AT THE HIGHER RATE; DRYER EXHAUST RUNS WITH THE DRYER. (OMSC 2022 TABLE 403.3.1.1 NOTE F, 504)
2. NO SMOKE CONTROL SYSTEM AND NO SMOKE CONTROL SEQUENCE: NO PROVISION READ HERE REQUIRES ONE, AND NO STAIR IS PRESSURIZED. (OSSC 2022 909.1, 909.6.3)

NOTES

1. THE RATIONAL ANALYSIS (OSSC 909.4) IS THE ENGINEER OF RECORD'S. THIS SHEET SCREENS WHETHER SMOKE CONTROL IS REQUIRED; IT IS NOT THAT ANALYSIS AND DOES NOT REPLACE IT.
2. THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS IS NOT IN THE IBG. THE LOWEST ADJACENT GRADE STANDS IN FOR IT UNTIL THE CIVIL ENGINEER SETS IT ON THE FIRE ACCESS PLAN.
3. NO STAIR IS PRESSURIZED HERE. A PRESSURIZED STAIR IS A SECTION 909 SYSTEM (909.6.3) WITH ITS ANALYSIS, 20 MINUTES OF OPERATION, STANDBY POWER AND AN ACCEPTANCE TEST. THE STAIR DETAILS PRINT THIS FINDING.
4. OSSC 2025, IN FORCE SINCE 2026-04-01, COUNTS AN OCCUPIABLE ROOF IN THE HIGH-RISE TEST AND RENUMBERS STAIR PRESSURIZATION AS 909.20.4; THE SCREEN'S RESULT IS THE SAME.

1 **SMOKE CONTROL SCREEN AND SEQUENCES**
SCALE: NTS

SHEET NOTES

1. HVAC: SPECIFIED IN SECTION 23 81 00.
2. COMMISSIONING: SPECIFIED IN SECTION 01 91 13.

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Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

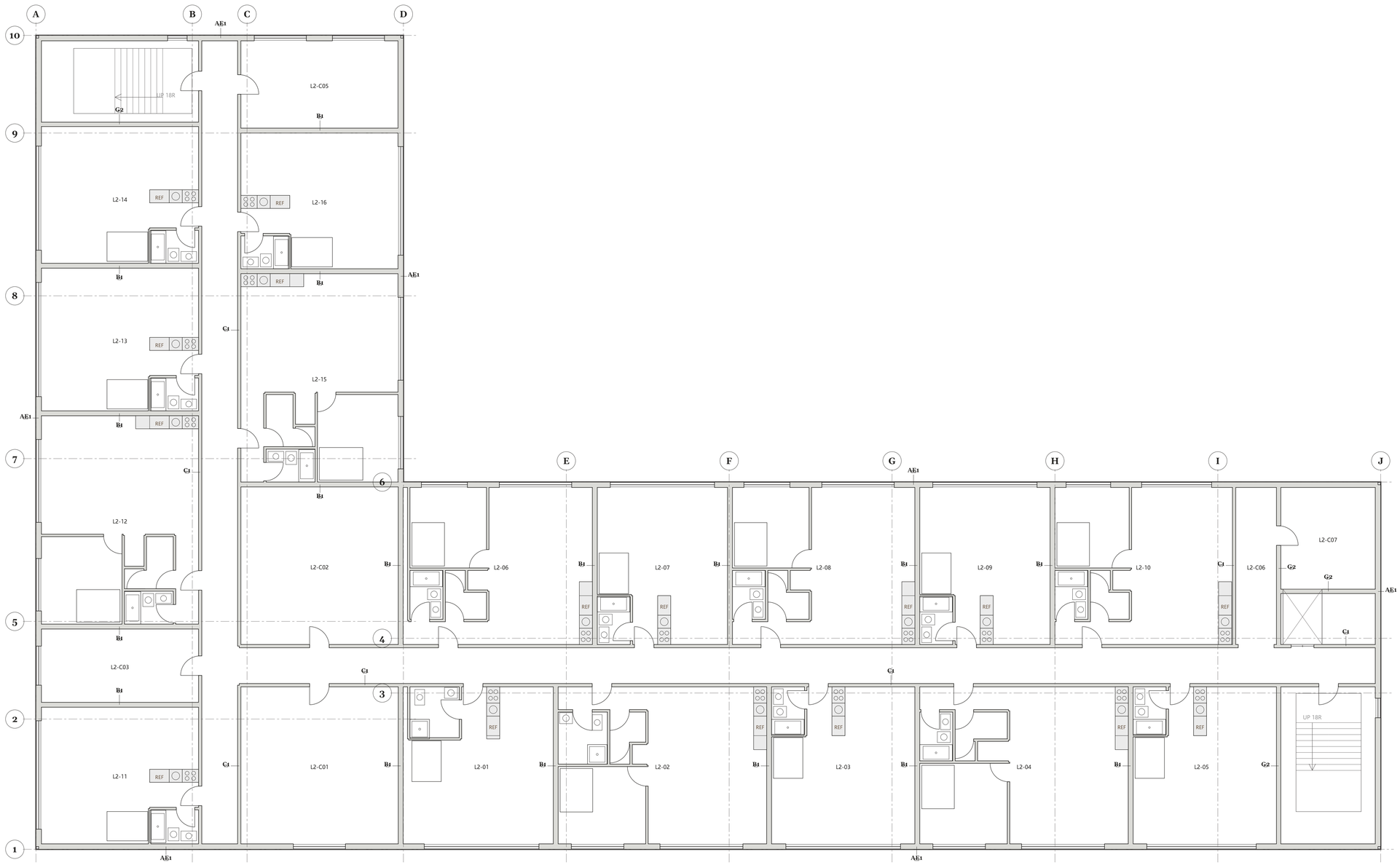
OPEN ISSUE

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

SMOKE CONTROL SCREEN AND SEQUENCES

SHEET

M6.2



PLUMBING COORDINATION (L2)

PLUMBING: EQUIPMENT, DEVICE AND ROUTING LOCATIONS NOT PROVIDED. ARCHITECTURAL COORDINATION BACKGROUND ONLY.

ARCHITECT: SEE A1.02 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS.

1 PLUMBING COORDINATION - L2

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

SHEET NOTES

1. PLUMBING: SPECIFIED IN SECTION 22 11 00.

N

PLAN NORTH TAKEN AS TRUE NORTH

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

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Scale	1/8"
Phase	CONSTRUCTION DOCUMENTS

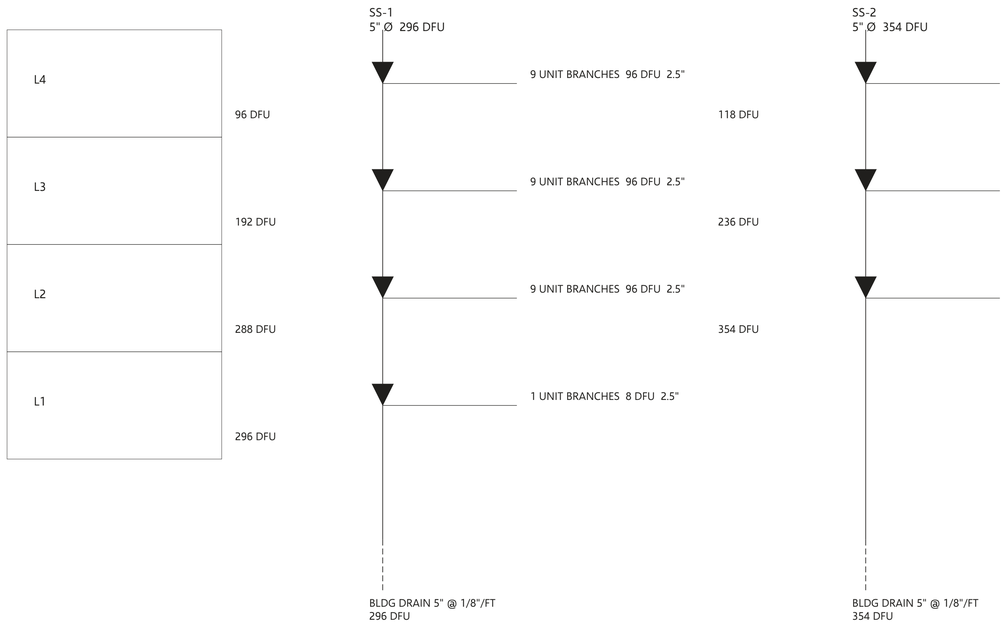
OPEN ISSUE

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PLUMBING COORDINATION - L2

SHEET

P1.1



BUILDING SEWER 6" @ 1/8"/FT 650 DFU

18 UNITS ON THE DEFAULT FIXTURE SET

PLUMBING RISER DIAGRAM — NOT TO SCALE
ALL DIMENSIONS SCHEMATIC

SANITARY SIZED BY TABLE, IPC 2021 (Connecticut adoption, 2022 CT State Building Code). VERIFY LOCALLY.

SHEET NOTES

1. PLUMBING: SPECIFIED IN SECTION 22 11 00.

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PLUMBING RISER DIAGRAMS

SHEET

P2.1

PLUMBING FIXTURE SCHEDULE (COUNTS VS CITED MINIMUM)

FIXTURE	COUNT	BASIS	PRODUCT	STATUS
DISHWASHER	23	SEE PLB-002	GE GDT535PSRSS	VERIFY
KITCHEN SINK	47	46/UNIT	KOHLER VERSE K-5267-3	VERIFY
LAVATORY	47	46/UNIT	KOHLER VEER K-5248-1	VERIFY
SHOWER	47	46/UNIT	KOHLER RITE-TEMP K-304-K	VERIFY
WATER CLOSET	47	46/UNIT	KOHLER WELLWORTH K-3998	VERIFY

WATER DEMAND (WSFU / HUNTER)

QUANTITY	VALUE	METHOD
TOTAL WSFU	300.1	IPC T E103.3(2)
PEAK DEMAND	105 GPM	IPC T E103.3(3)
TOTAL DFU	422.0	IPC T709.1
BOOSTER PUMP	NOT PROVIDED — BY OTHERS	PRESSURE BUDGET

PLUMBING EQUIPMENT

SYSTEM	COUNT	SIZE/CAPACITY	MATERIAL	STATUS
WASTE STACKS	NOT PROVIDED — BY OTHERS	SEE RISER	CAST IRON / PVC	—
SPRINKLER HEADS	NOT PROVIDED — BY OTHERS	—	UL-LISTED WET PIPE	DATA AT DD

SHEET NOTES

1. PLUMBING: SPECIFIED IN SECTION 22 11 00.

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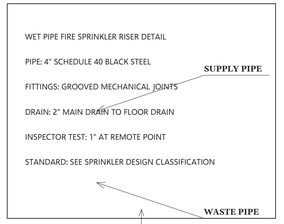
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PLUMBING FIXTURE & EQUIPMENT SCHEDULE

SHEET

P3.1

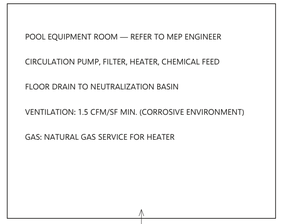
PLUMBING DETAILS



1 SPRINKLER RISER CONNECTION DETAIL

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

0' 2.5' 5' 7.5' 10'



2 POOL EQUIPMENT ROOM PLAN

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

0' 2.5' 5' 7.5' 10'

SHEET NOTES

1. PLUMBING: SPECIFIED IN SECTION 22 11 00.

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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.

PLUMBING DETAILS

SHEET

P4.1

RAINFALL RATE 2 IN/H: FIXTURE RATE, A TEST INPUT AND NOT A SITE VALUE

STORM LEADER SCHEDULE

MARK	DRAINAGE AREA	ROOF (SQ FT)	RATE (IN/H)	Q (GPM)	LEADER, IPC 2021	CAPACITY (GPM)	OPSC 2026 T. 1103.1	RECORD
RL-1	MAIN WING ROOF	8,460	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	PLB-STM-101
RL-2	RETURN WING ROOF	7,050	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	PLB-STM-102

NOTES

1. Q = R X A X 0.0104 (IPC 2021 EQ. 11-1); THE LEADER IS THE SMALLEST ROUND SIZE OF TABLE 1106.3 THAT CARRIES Q. OPSC 2026 TABLE 1103.1, IN FORCE IN OREGON SINCE 2026-10-01, IS READ BESIDE IT: THE SIZES AGREE AND THE ALLOWABLE AREAS DIFFER SLIGHTLY.
2. THE RATE IS A FIXTURE RATE, NOT A SITE VALUE. THE SITE'S 100-YEAR 60-MINUTE RATE COMES FROM OPSC 2026 1101.12.1 AND TABLE D 101.1 (APPENDIX D) FOR THE SITE'S CITY, OR FROM NOAA: NO ATLAS 14 VOLUME COVERS OREGON, SO NOAA POINTS TO ARKELL AND RICHARDS (ONE HOUR OR LESS) AND NOAA ATLAS 2 VOLUME 10.
3. ONE DRAINAGE AREA, ONE ROOF DRAIN AND ONE LEADER PER WING ROOF. THE DRAIN LAYOUT, SECONDARY (OVERFLOW) DRAINAGE, THE HORIZONTAL STORM DRAIN AND THE LEADER MATERIAL ARE THE PLUMBING ENGINEER'S. NO WALL STANDS ABOVE THE ROOF, SO IPC 1106.4 ADDS NO WALL AREA.

HOT WATER DEMAND, ASHRAE 2003 CH. 45 TABLE 9 (APARTMENT)

FIXTURE	COUNT	GPH EACH AT 140 F	GPH	RECORD
BATHTUB	23	20	460	PLB-DHW-001
CLOTHES WASHER	23	20	460	PLB-DHW-001
DISHWASHER	46	15	690	PLB-DHW-001
KITCHEN SINK	64	10	640	PLB-DHW-001
LAVATORY	64	2	128	PLB-DHW-001
SHOWER	41	30	1,230	PLB-DHW-001
TOTAL			3,608	PLB-DHW-001

HOT WATER PLANT

ITEM	VALUE	RECORD
MAXIMUM PROBABLE DEMAND	1,082.4 GPH	PLB-DHW-002
STORAGE	1,353 GAL	PLB-DHW-003
HEATER OUTPUT	NOT PROVIDED — BY OTHERS	PLB-DHW-004
RECIRCULATION PUMP FLOW	NOT PROVIDED — BY OTHERS	PLB-DHW-005

GAS SERVICE, IFGC 2021 TABLE 402.4(2)

ITEM	VALUE	RECORD
CONNECTED LOAD	NOT PROVIDED — BY OTHERS	MEP-GAS-001
LONGEST LENGTH	NOT PROVIDED — BY OTHERS	MEP-GAS-002
SERVICE PIPE SIZE	NOT PROVIDED — BY OTHERS	MEP-GAS-003

NOTES

1. MAXIMUM PROBABLE DEMAND = FIXTURE DEMAND X 0.30, THE HEATER'S RECOVERY; STORAGE = MAXIMUM PROBABLE DEMAND X 1.25 (APARTMENT COLUMN). THE CLOTHES WASHER TAKES THE LAUNDRY ROW, A JUDGMENT; WATER CLOSETS HAVE NO ROW.
2. HEATER OUTPUT (BTU/H) = 500 X GPM X TEMPERATURE RISE TO 140 F (LAARS 5067G). THE COLD-WATER INLET TEMPERATURE IS NOT SOURCED: NOT PROVIDED — BY OTHERS. OPSC 2026 501.1'S FIRST-HOUR-RATING MINIMUM (TABLE 501.1(2)) IS NOT CHECKED.
3. GAS: TABLE 402.4(2) IS NATURAL GAS UNDER 2 PSI AT A 0.5 IN. W.C. DROP. THE PRODUCT LIBRARY CARRIES NO GAS APPLIANCE, SO THE LOAD, LENGTH AND SIZE STAY THE LITERAL UNTIL THEIR INPUTS ARE SOURCED. OMSC 2025 (IFGC 2024) IS IN FORCE; ITS TABLE MATCHES IFGC 2021.

HOT WATER RISER AND RECIRCULATION (SCHEMATIC)



1 STORM LEADERS, HOT WATER AND GAS
SCALE: NTS

SHEET NOTES

1. PLUMBING: SPECIFIED IN SECTION 22 11 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
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ARCHITECTURE.ENGINEERING — L COURTYARD STUDY
OCCUPANCY R-2, M · CONSTRUCTION NOT PROVIDED — BY OTHERS · STORIES 4

REVISIONS

MARK	DATE	DESCRIPTION

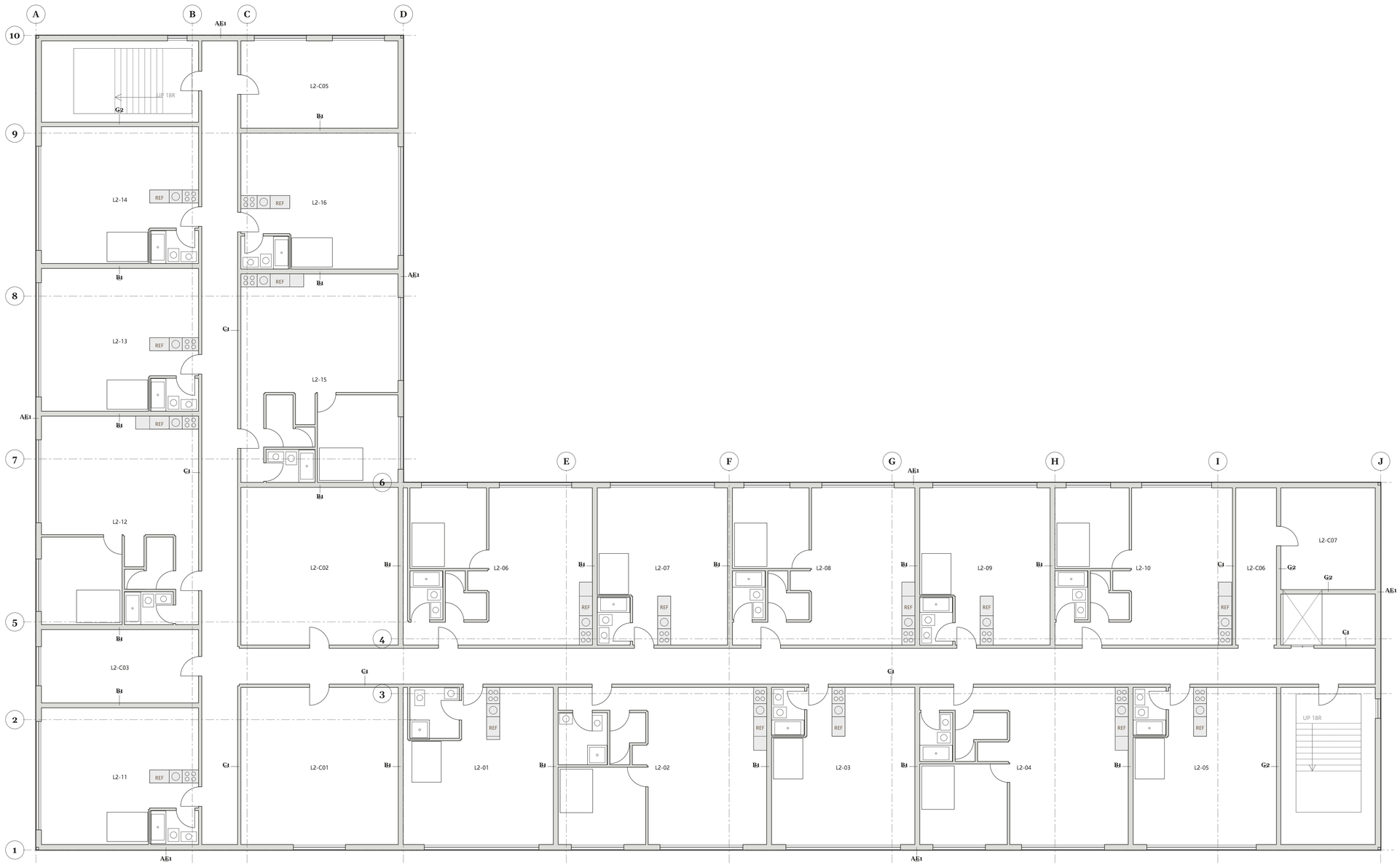
REGISTER

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.

STORM LEADERS, HOT WATER AND GAS

SHEET
P5.1



ELECTRICAL COORDINATION (L2)

ELECTRICAL: EQUIPMENT, DEVICE AND ROUTING LOCATIONS NOT PROVIDED. ARCHITECTURAL COORDINATION BACKGROUND ONLY.

ARCHITECT: SEE A1.02 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS.

1 ELECTRICAL COORDINATION - L2

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

SHEET NOTES

1. ELECTRICAL: SPECIFIED IN SECTION 26 05 00.

PLAN NORTH TAKEN AS TRUE NORTH

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

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Drawn	NOT PROVIDED — BY OTHERS
Scale	1/8"
Phase	CONSTRUCTION DOCUMENTS

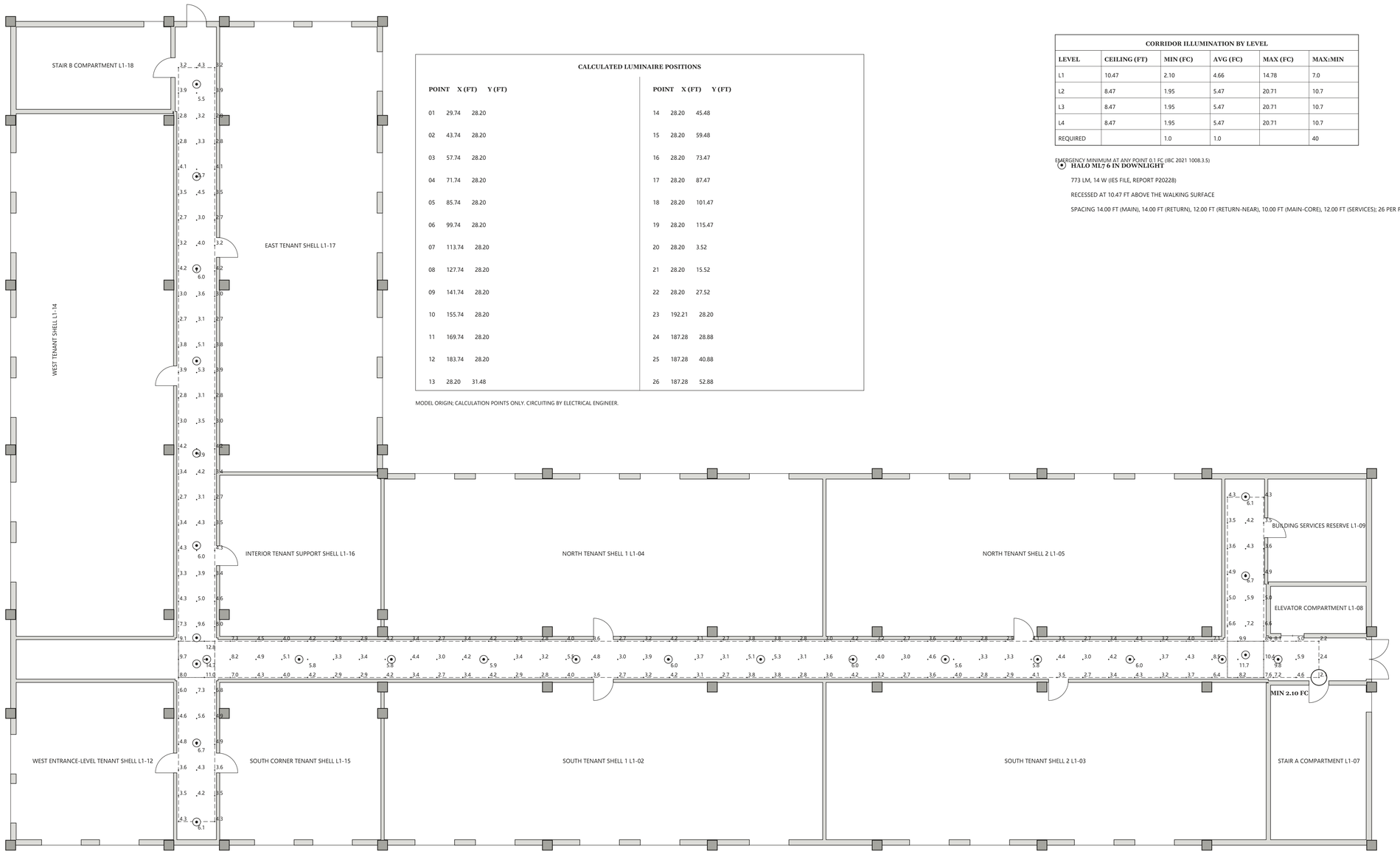
OPEN ISSUE

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

ELECTRICAL COORDINATION - L2

SHEET

E1.1



CALCULATED LUMINAIRE POSITIONS

POINT	X (FT)	Y (FT)	POINT	X (FT)	Y (FT)
01	29.74	28.20	14	28.20	45.48
02	43.74	28.20	15	28.20	59.48
03	57.74	28.20	16	28.20	73.47
04	71.74	28.20	17	28.20	87.47
05	85.74	28.20	18	28.20	101.47
06	99.74	28.20	19	28.20	115.47
07	113.74	28.20	20	28.20	3.52
08	127.74	28.20	21	28.20	15.52
09	141.74	28.20	22	28.20	27.52
10	155.74	28.20	23	192.21	28.20
11	169.74	28.20	24	187.28	28.88
12	183.74	28.20	25	187.28	40.88
13	28.20	31.48	26	187.28	52.88

MODEL ORIGIN; CALCULATION POINTS ONLY. CIRCUITING BY ELECTRICAL ENGINEER.

CORRIDOR ILLUMINATION BY LEVEL

LEVEL	CEILING (FT)	MIN (FC)	AVG (FC)	MAX (FC)	MAX:MIN
L1	10.47	2.10	4.66	14.78	7.0
L2	8.47	1.95	5.47	20.71	10.7
L3	8.47	1.95	5.47	20.71	10.7
L4	8.47	1.95	5.47	20.71	10.7
REQUIRED		1.0	1.0		40

EMERGENCY MINIMUM AT ANY POINT 0.1 FC (IBC 2021 1008.3.5)

HALO ML7 6 IN DOWNLIGHT

773 LM, 14 W (IES FILE, REPORT P20228)

RECESSED AT 10.47 FT ABOVE THE WALKING SURFACE

SPACING 14.00 FT (MAIN), 14.00 FT (RETURN), 12.00 FT (RETURN-NEAR), 10.00 FT (MAIN-CORE), 12.00 FT (SERVICES); 26 PER FLOOR

NOTES

1. FOOT-CANDLES AT THE WALKING SURFACE ON A 1 FT GRID; THIS SHEET PRINTS EVERY 4 FT AT BOTH EDGES AND THE CENTRELINE.
2. DIRECT COMPONENT ONLY; NO INTERREFLECTION IS COUNTED. THE LIGHTING DESIGNER MUST CHECK ROOM REFLECTANCES.
3. INITIAL OUTPUT; NO LIGHT LOSS FACTOR IS SOURCED. THE LIGHTING DESIGNER MUST CHECK MAINTAINED LEVELS.
4. EVERY CORRIDOR LUMINAIRE ASSUMED ON THE EMERGENCY SYSTEM AT FULL OUTPUT (IBC 2021 1008.3.1). CIRCUITING BY THE ELECTRICAL ENGINEER.
5. CEILING = FLOOR-TO-FLOOR LESS THE FLOOR-CEILING ASSEMBLY ABOVE; NO SOFFIT IS MODELLED. THE ARCHITECT MUST CONFIRM THE FINISHED HEIGHT.
6. DOWNLIGHTS AT A WHOLE-MODULE PITCH ON THE TILE CENTRES OF THE ACT-1 GRID OF THE REFLECTED CEILING PLAN, CHECKED AGAIN AT THOSE POSITIONS (EGR-LUM-SPC).
7. STAIRWAY, EXIT DISCHARGE AND END-OF-DURATION LEVELS OF 1008.2.1 AND 1008.3.5 ARE NOT EVALUATED HERE.

1 CORRIDOR FOOT-CANDLES, L1

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. ELECTRICAL: SPECIFIED IN SECTION 26 05 00.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
MECHANICAL	NOT PROVIDED — BY OTHERS
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REVISIONS

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Drawn	NOT PROVIDED — BY OTHERS
Scale	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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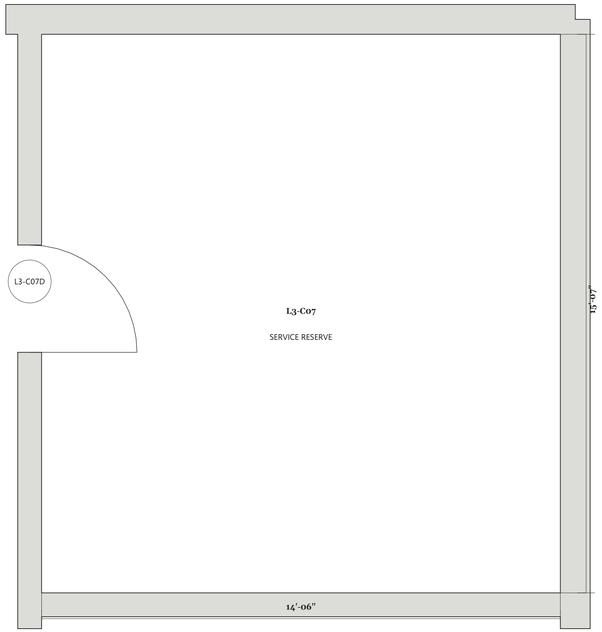
EGRESS ILLUMINATION PLAN

SHEET

E1.3

ROOM FUNCTIONS, EQUIPMENT AND WORKING CLEARANCES: NOT PROVIDED.

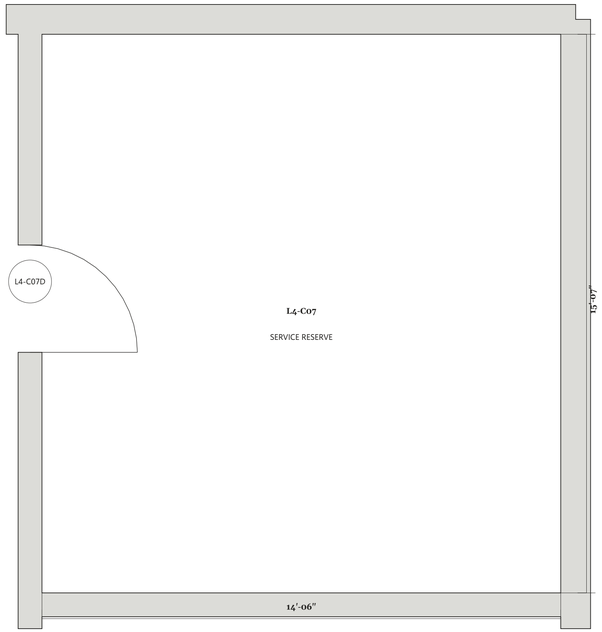
HELD ENCLOSURES AND OPENINGS SHOWN. SERVICES DESIGN REQUIRES COORDINATION.



3 BUILDING SERVICES: L3

SCALE: 1/2" = 1'-0"

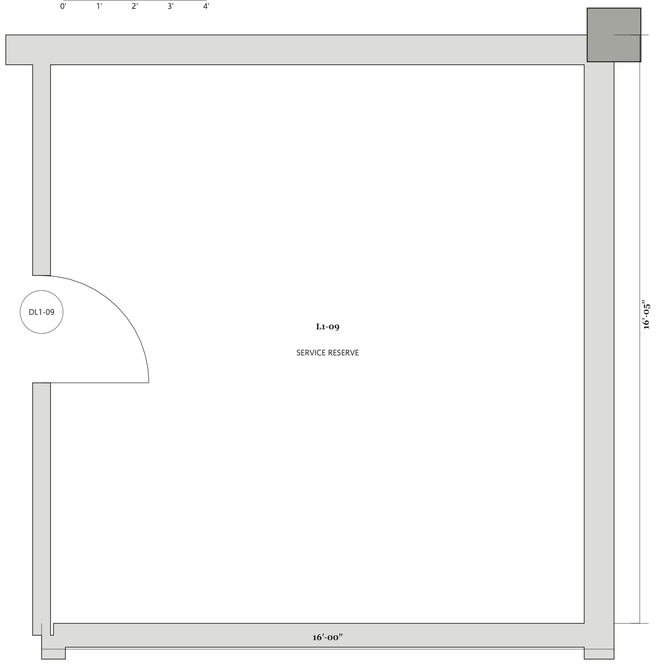
0" 1" 2" 3" 4"



4 BUILDING SERVICES: L4

SCALE: 1/2" = 1'-0"

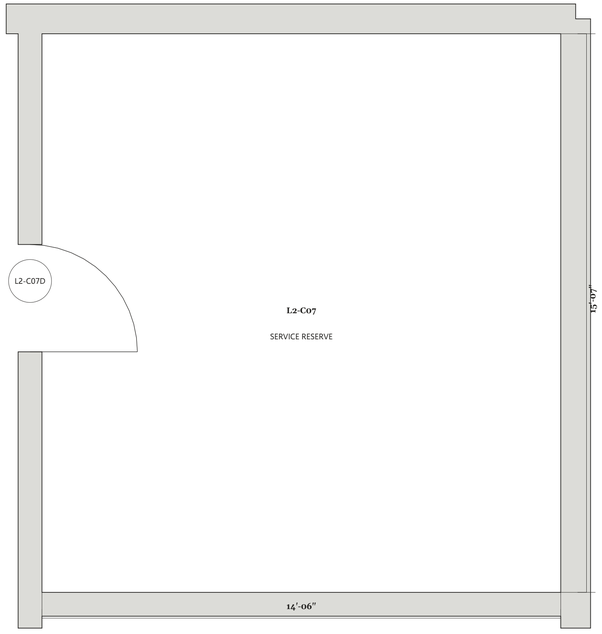
0" 1" 2" 3" 4"



1 BUILDING SERVICES: L1

SCALE: 1/2" = 1'-0"

0" 1" 2" 3" 4"



2 BUILDING SERVICES: L2

SCALE: 1/2" = 1'-0"

0" 1" 2" 3" 4"

SHEET NOTES

1. ELECTRICAL: SPECIFIED IN SECTION 26 05 00.

KEYNOTES

1. SLT-001: NOT PROVIDED — BY OTHERS
2. SLT-002: WALK ILLUMINANCE (EXIT DISCHARGE): NOT PROVIDED — BY OTHERS
3. SLT-003: PARKING LOT ILLUMINANCE: NOT PROVIDED — BY OTHERS
4. SLT-004: PARKING LOT UNIFORMITY: NOT PROVIDED — BY OTHERS
5. SLT-005: LIGHT AT THE LOT LINES: NOT PROVIDED — BY OTHERS
6. UTILITY CONNECTION, TRANSFORMER AND GENERATOR LOCATIONS: NOT PROVIDED. THE UTILITY DESIGNER MUST CONFIRM LOCATIONS.

NOT PROVIDED — BY OTHERS
APPLICANT / OWNER

CONSULTANTS

STRUCTURAL	NOT PROVIDED — BY OTHERS
CIVIL	NOT PROVIDED — BY OTHERS
MECHANICAL	NOT PROVIDED — BY OTHERS
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Scale	1/2"
Phase	CONSTRUCTION DOCUMENTS

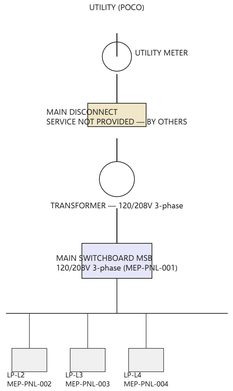
OPEN ISSUE

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BUILDING SERVICES ROOMS

SHEET

E1.4



SINGLE-LINE DIAGRAM — NOT TO SCALE
SERVICE: 120/208V 3-phase, NOT PROVIDED — BY OTHERS (MEP-ELS-001)
NFPA 70

NEC 220 DEMAND SUMMARY (220.84 OPTIONAL METHOD, MEP-ELS-001)

SERVICE 120/208V 3-phase: NOT PROVIDED — BY OTHERS (MEP-ELS-001)

46 DWELLING UNITS, TABLE 220.84 26%: KNOWN 223,320 VA, DEMAND 58,063 VA

HOUSE LOADS (220.84(B)) KNOWN 3,431 VA; EV NOT PROVIDED — BY OTHERS

LOWER BOUND 61,494 VA, 170.7 A

OWED: 3 NAMEPLATE AND TENANT LOADS

BATHROOM CIRCUIT 120 V 20 A IN EACH OF 46 UNITS (MEP-BTH-001)

EV CHARGING NOT PROVIDED — BY OTHERS (MEP-EVL-001)

PANEL MSB (MEP-PNL-001)

CKT	DESCRIPTION	P	A	VA	RECORD
1	FEEDER LP-L2	NOT PROVIDED — BY OTHERS			MEP-PNL-002
2	FEEDER LP-L3	NOT PROVIDED — BY OTHERS			MEP-PNL-003
3	FEEDER LP-L4	NOT PROVIDED — BY OTHERS			MEP-PNL-004
4	STAIR core-A LIGHTING, 4 LEVELS	1	15	440	MEP-PNL-001
5	ELEVATOR core-A-1, NAMEPLATE (220.84(B), PART III)	NOT PROVIDED — BY OTHERS			MEP-PNL-001
6	STAIR core-B LIGHTING, 4 LEVELS	1	15	440	MEP-PNL-001
7	EV CHARGING (MEP-EVL)	NOT PROVIDED — BY OTHERS			MEP-EVL-001

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 880 VA

PANEL LP-L2 (MEP-PNL-002)

CKT	DESCRIPTION	P	A	VA	RECORD
1	UNIT L2-S01 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
2	UNIT L2-S02 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
3	UNIT L2-S03 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
4	UNIT L2-S04 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
5	UNIT L2-S05 (UP-ST-506-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-007
6	UNIT L2-N06 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
7	UNIT L2-N07 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
8	UNIT L2-N08 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
9	UNIT L2-N09 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
10	UNIT L2-N10 (UP-1BR-654-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-010
11	UNIT L2-W11 (UP-ST-502-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-011
12	UNIT L2-W12 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
13	UNIT L2-W13 (UP-ST-529-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-012
14	UNIT L2-W14 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
15	UNIT L2-E15 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
16	UNIT L2-E16 (UP-ST-503-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-013
17	CORRIDOR LIGHTING	1	15	850	MEP-PNL-002

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 850 VA

PANEL LP-L3 (MEP-PNL-003)

CKT	DESCRIPTION	P	A	VA	RECORD
1	UNIT L3-S01 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
2	UNIT L3-S02 (UP-ST-506-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-007
3	UNIT L3-S03 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
4	UNIT L3-S04 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
5	UNIT L3-S05 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
6	UNIT L3-N06 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
7	UNIT L3-N07 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
8	UNIT L3-N08 (UP-ST-509-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-014
9	UNIT L3-N09 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
10	UNIT L3-N10 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
11	UNIT L3-W11 (UP-ST-502-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-011
12	UNIT L3-W12 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
13	UNIT L3-W13 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
14	UNIT L3-E14 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
15	UNIT L3-E15 (UP-1BR-744-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-015
16	CORRIDOR LIGHTING	1	15	850	MEP-PNL-003

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 850 VA

PANEL LP-L4 (MEP-PNL-004)

CKT	DESCRIPTION	P	A	VA	RECORD
1	UNIT L4-S01 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
2	UNIT L4-S02 (UP-ST-506-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-007
3	UNIT L4-S03 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
4	UNIT L4-S04 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
5	UNIT L4-S05 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
6	UNIT L4-N06 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
7	UNIT L4-N07 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
8	UNIT L4-N08 (UP-ST-509-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-014
9	UNIT L4-N09 (UP-1BR-675-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-008
10	UNIT L4-N10 (UP-ST-482-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-009
11	UNIT L4-W11 (UP-ST-502-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-011
12	UNIT L4-W12 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
13	UNIT L4-W13 (UP-1BR-772-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-006
14	UNIT L4-E14 (UP-ST-531-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-005
15	UNIT L4-E15 (UP-1BR-744-U)	2	NOT PROVIDED — BY OTHERS		MEP-PNL-015
16	CORRIDOR LIGHTING	1	15	850	MEP-PNL-004

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 850 VA

PANEL UP-ST-531-U (MEP-PNL-005)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,593	MEP-PNL-005
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-005
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-005
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-005
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-005
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-005
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-005

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,593 VA

PANEL UP-1BR-772-U (MEP-PNL-006)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/2	1	15	1,158	MEP-PNL-006
2	GENERAL LIGHTING AND RECEPTACLES 2/2	1	15	1,158	MEP-PNL-006
3	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-006
4	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-006
5	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-006
6	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
7	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-006
8	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-006
9	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-006

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 5,316 VA

PANEL UP-ST-506-U (MEP-PNL-007)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,518	MEP-PNL-007
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-007
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-007
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-007
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-007
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-007
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-007

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,518 VA

UNIT FEEDERS AND BRANCH CIRCUITS: SEE E3.4

PANEL UP-1BR-675-U (MEP-PNL-008)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/2	1	15	1,012	MEP-PNL-008
2	GENERAL LIGHTING AND RECEPTACLES 2/2	1	15	1,012	MEP-PNL-008
3	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-008
4	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-008
5	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-008
6	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
7	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-008
8	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-008
9	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-008

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 5,025 VA

PANEL UP-ST-482-U (MEP-PNL-009)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,446	MEP-PNL-009
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-009
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-009
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-009
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-009
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-009
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-009

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,446 VA

PANEL UP-1BR-654-U (MEP-PNL-010)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/2	1	15	981	MEP-PNL-010
2	GENERAL LIGHTING AND RECEPTACLES 2/2	1	15	981	MEP-PNL-010
3	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-010
4	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-010
5	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-010
6	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
7	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-010
8	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-010
9	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-010

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,962 VA

PANEL UP-ST-502-U (MEP-PNL-011)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,506	MEP-PNL-011
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-011
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-011
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-011
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-011
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-011
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-011

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,506 VA

PANEL UP-ST-529-U (MEP-PNL-012)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,587	MEP-PNL-012
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-012
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-012
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-012
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-012
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-012
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-012

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,587 VA

PANEL UP-ST-503-U (MEP-PNL-013)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,509	MEP-PNL-013
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-013
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-013
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-013
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-013
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-013
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-013

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,509 VA

PANEL UP-ST-509-U (MEP-PNL-014)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/1	1	15	1,527	MEP-PNL-014
2	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-014
3	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-014
4	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-014
5	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
6	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-014
7	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-014
8	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-014

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 4,527 VA

PANEL UP-1BR-744-U (MEP-PNL-015)

CKT	DESCRIPTION	P	A	VA	RECORD
1	GENERAL LIGHTING AND RECEPTACLES 1/2	1	15	1,116	MEP-PNL-015
2	GENERAL LIGHTING AND RECEPTACLES 2/2	1	15	1,116	MEP-PNL-015
3	SMALL APPLIANCE 1/2	1	20	1,500	MEP-PNL-015
4	SMALL APPLIANCE 2/2	1	20	1,500	MEP-PNL-015
5	LAUNDRY, NO UNIT LAYOUT ON THE IBG	NOT PROVIDED — BY OTHERS			MEP-PNL-015
6	BATHROOM RECEPTACLES (220.14(J): IN GENERAL LIGHTING)	1	20	0	MEP-BTH-001
7	HEATING / COOLING, NAMEPLATE (220.82(C))	NOT PROVIDED — BY OTHERS			MEP-PNL-015
8	COOKING, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-015
9	APPLIANCES FASTENED IN PLACE, NAMEPLATE (220.82(B)(3))	NOT PROVIDED — BY OTHERS			MEP-PNL-015

TOTAL CONNECTED NOT PROVIDED — BY OTHERS; KNOWN 5,232 VA

SHEET NOTES

1. ELECTRICAL: SPECIFIED IN SECTION 26 05 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

MARKDATE	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.

SINGLE-LINE DIAGRAM & PANEL SCHEDULES

SHEET

E3.1

AVAILABLE FAULT CURRENT AT THE SERVICE NOT PROVIDED — BY OTHERS: THE UTILITY'S LETTER IS OWED

EMERGENCY AND LEGALLY REQUIRED STANDBY LOADS, IBC 2021 2702.2

LOAD	DESCRIPTION	CLASS	SOURCE	KW	RECORD
EGR-LTG	MEANS OF EGRESS ILLUMINATION	EMERGENCY (NEC 700)	UNIT EQUIPMENT, OWN BATTERY	OFF GEN-1	MEP-EMG-EGR-LTG
FACP	FIRE ALARM CONTROL PANEL, ADDRESSABLE (NOTIFIER NFS2-3030)	LEGALLY REQUIRED STANDBY (NEC 701)	FACP BATTERY (MEP-FA-BAT)	OFF GEN-1	MEP-EMG-FACP
ELEV-1	ELEVATOR, KONE ECOSPACE (PASSENGER)	NORMAL POWER	NORMAL POWER	OFF GEN-1	MEP-EMG-ELEV-1
FP-1	FIRE PUMP, ELECTRIC MOTOR-DRIVEN	FIRE PUMP POWER (NFPA 20, NEC 695)	PENDING FLOW TEST	NOT PROVIDED — BY OTHERS	MEP-EMG-FP-1

GENERATOR AND TRANSFER SWITCHES

ITEM	VALUE	RECORD
RUNNING LOAD	NOT PROVIDED — BY OTHERS	MEP-GEN-001
MINIMUM RATING, 85 PERCENT LOADED	NOT PROVIDED — BY OTHERS	MEP-GEN-002
OPTIMUM BAND, 70 TO 85 PERCENT	NOT PROVIDED — BY OTHERS	MEP-GEN-002
LARGEST MOTOR STARTING	NOT PROVIDED — BY OTHERS	MEP-GEN-003
ON-SITE FUEL	2 H AT FULL DEMAND; GALLONS BY THE SET'S FUEL RATE	MEP-GEN-004

AVAILABLE FAULT CURRENT AND NEC 110.24 LABELS

NODE	EQUIPMENT	FED FROM	AFC (A SYM.)	LABEL DATE	RECORDS
MSB	MAIN SWITCHBOARD (SERVICE EQUIPMENT)	UTILITY	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	MEP-AFC-MSB / MEP-LBL-MSB
LP-L2	FLOOR PANEL, L2	MSB	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	MEP-AFC-LP-L2 / MEP-LBL-LP-L2
LP-L3	FLOOR PANEL, L3	MSB	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	MEP-AFC-LP-L3 / MEP-LBL-LP-L3
LP-L4	FLOOR PANEL, L4	MSB	NOT PROVIDED — BY OTHERS	NOT PROVIDED — BY OTHERS	MEP-AFC-LP-L4 / MEP-LBL-LP-L4

NOTES

1. THE LOADS ARE READ FROM THE MEP ENGINE'S OUTPUT, AND IBC 2021 2702.2 SETS EACH CLASS: EMERGENCY IS NEC 700, 10 S TO TRANSFER; STANDBY IS NEC 701 LEGALLY REQUIRED STANDBY, 60 S.
2. GEN-1: RUNNING LOAD IS THE SUM OF THE LOADS IT CARRIES (NEC 700.4(A), 701.4), RATED SO IT RUNS 70 TO 85 PERCENT LOADED AND NEVER UNDER 30, IN KVA AT 0.8 PF, LARGEST MOTOR STARTED FIRST, LISTED TO UL 2200, FUEL FOR 2 H (IBC 2021 2702.1.5).
3. FAULT CURRENT: THE SERVICE VALUE IS THE UTILITY'S LETTER (2026 OESC 110.24(A) EXCEPTION NO. 2). EACH PANEL TAKES EATON'S POINT-TO-POINT OVER ITS FEEDER, WITHOUT MOTOR CONTRIBUTION.
4. ARC FLASH: THE STUDY IS THE CONSULTANT'S, ON IEEE 1584, AND IT STARTS FROM THE SERVICE VALUE IN THE BANNER ABOVE.
5. SELECTIVE COORDINATION OF EMERGENCY AND STANDBY DEVICES, .01 S AND LONGER (2026 OESC 700.32(A), 701.32(A)), IS THE ENGINEER OF RECORD'S, WITH OREGON'S CERTIFICATE.
6. ELECTRICAL ENGINEER TO OBTAIN: THE UTILITY'S AVAILABLE FAULT CURRENT LETTER (PGE), WITH ITS DATE.
7. ELECTRICAL ENGINEER TO OBTAIN: FP-1: THE FIRE PUMP FLOW TEST, THEN ITS HP.
8. ELECTRICAL ENGINEER TO OBTAIN: FEEDERS FOR LP-L2, LP-L3, LP-L4.
9. ELECTRICAL ENGINEER TO OBTAIN: THE EXIT SIGN POWER SOURCE.
10. ELECTRICAL ENGINEER TO OBTAIN: THE GENERATOR MANUFACTURER'S STARTING KVA CURVE, FUEL RATE AND SUBTRANSIENT REACTANCE.
11. ELECTRICAL ENGINEER TO OBTAIN: EACH TRANSFER SWITCH'S SHORT-CIRCUIT CURRENT RATING.

EMERGENCY POWER ONE-LINE (SCHEMATIC)



ON THEIR OWN BATTERIES, OFF GEN-1:

EGR-LTG MEANS OF EGRESS ILLUMINATION, UNIT EQUIPMENT, OWN BATTERY

FACP FIRE ALARM CONTROL PANEL, FACP BATTERY (MEP-FA-BAT)

1 EMERGENCY POWER AND AVAILABLE FAULT CURRENT
SCALE: NTS

SHEET NOTES

1. ELECTRICAL: SPECIFIED IN SECTION 26 05 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

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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.

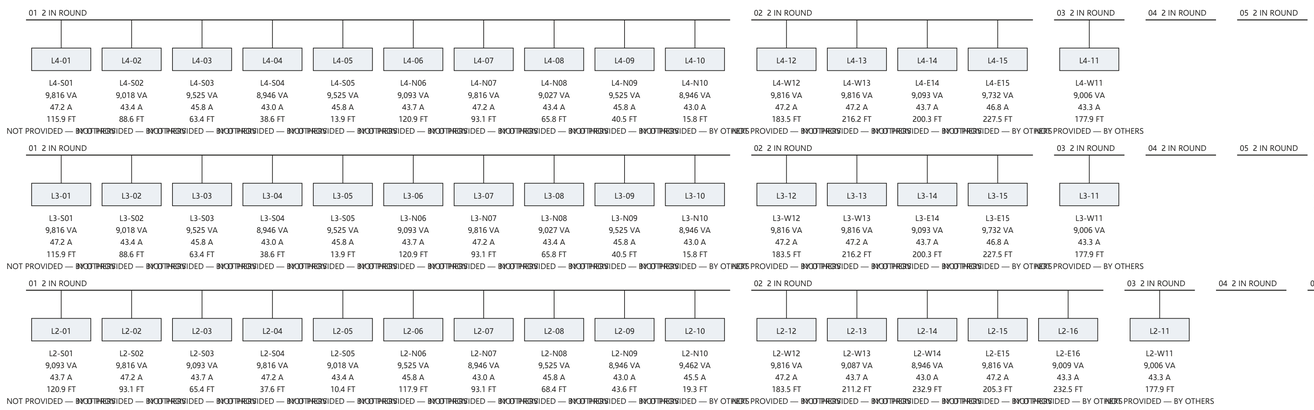
EMERGENCY POWER AND AVAILABLE FAULT CURRENT

SHEET

E3.2

ELECTRICAL ONE-LINE, FROM THE ELEMENT FILE (SCHEMATIC)

EVERY DEVICE DRAWN IS AN ELEMENT-FILE RECORD; ITS ID IS THE GUID. A DEVICE THE FILE DOES NOT CARRY IS LISTED AS OWED.



BILL OF MATERIALS, COUNTED FROM THE RECORDS

ITEM	SIZE	QTY	LENGTH FT	RECORD
SERVICE ENTRANCE		NOT PROVIDED — BY OTHERS		MEP-BOM-E-SVC
MAIN SWITCHBOARD		NOT PROVIDED — BY OTHERS		MEP-BOM-E-MSB
RISER TO THE FLOOR PANELS		NOT PROVIDED — BY OTHERS		MEP-BOM-E-RSR
FLOOR PANELS		NOT PROVIDED — BY OTHERS		MEP-BOM-E-PNL
UNIT PANELS		NOT PROVIDED — BY OTHERS		MEP-BOM-E-UPN
UNIT FEEDERS, 46 ROUTED	NOT PROVIDED — BY OTHERS	65	5,236.8	MEP-BOM-E-FDR
CONDUIT MAIN, EMT	2 IN ROUND	15	903.7	MEP-BOM-E-CND-01
CONDUIT BRANCH, EMT	0.75 IN ROUND	46	92.0	MEP-BOM-E-CND-02

OWED

1. ELECTRICAL ENGINEER TO PROVIDE: SERVICE ENTRANCE: NO ELEMENT-FILE RECORD, OWED (MEP-BOM-E-SVC)
2. ELECTRICAL ENGINEER TO PROVIDE: MAIN SWITCHBOARD: NO ELEMENT-FILE RECORD, OWED (MEP-BOM-E-MSB)
3. ELECTRICAL ENGINEER TO PROVIDE: RISER TO THE FLOOR PANELS: NO ELEMENT-FILE RECORD, OWED (MEP-BOM-E-RSR)
4. ELECTRICAL ENGINEER TO PROVIDE: FLOOR PANELS: NO ELEMENT-FILE RECORD, OWED (MEP-BOM-E-PNL)
5. ELECTRICAL ENGINEER TO PROVIDE: UNIT PANELS: NO ELEMENT-FILE RECORD, OWED (MEP-BOM-E-UPN)
6. ELECTRICAL ENGINEER TO PROVIDE: CONDUCTORS: NOT PROVIDED — BY OTHERS, NEC TABLE 310.16 IS NOT VENDORED (MEP-ELEC-TBL-001)

1 ELECTRICAL ONE-LINE AND BILL OF MATERIALS
SCALE: NTS

SHEET NOTES

1. ELECTRICAL: SPECIFIED IN SECTION 26 05 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

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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.

ELECTRICAL ONE-LINE DIAGRAM AND BILL OF MATERIALS

SHEET

E3.3

PANEL LP-L2: UNIT FEEDERS

UNIT	LOAD (VA)	AMPS	CONDUCTOR	LENGTH (FT)	DROP (%)
L2-S01	9,093	43.7	NOT PROVIDED — BY OTHERS	120.9	NOT PROVIDED — BY OTHERS
L2-S02	9,816	47.2	NOT PROVIDED — BY OTHERS	93.1	NOT PROVIDED — BY OTHERS
L2-S03	9,093	43.7	NOT PROVIDED — BY OTHERS	65.4	NOT PROVIDED — BY OTHERS
L2-S04	9,816	47.2	NOT PROVIDED — BY OTHERS	37.6	NOT PROVIDED — BY OTHERS
L2-S05	9,018	43.4	NOT PROVIDED — BY OTHERS	10.4	NOT PROVIDED — BY OTHERS
L2-N06	9,525	45.8	NOT PROVIDED — BY OTHERS	117.9	NOT PROVIDED — BY OTHERS
L2-N07	8,946	43.0	NOT PROVIDED — BY OTHERS	93.1	NOT PROVIDED — BY OTHERS
L2-N08	9,525	45.8	NOT PROVIDED — BY OTHERS	68.4	NOT PROVIDED — BY OTHERS
L2-N09	8,946	43.0	NOT PROVIDED — BY OTHERS	43.6	NOT PROVIDED — BY OTHERS
L2-N10	9,462	45.5	NOT PROVIDED — BY OTHERS	19.3	NOT PROVIDED — BY OTHERS
L2-W11	9,006	43.3	NOT PROVIDED — BY OTHERS	177.9	NOT PROVIDED — BY OTHERS
L2-W12	9,816	47.2	NOT PROVIDED — BY OTHERS	183.5	NOT PROVIDED — BY OTHERS
L2-W13	9,087	43.7	NOT PROVIDED — BY OTHERS	211.2	NOT PROVIDED — BY OTHERS
L2-W14	8,946	43.0	NOT PROVIDED — BY OTHERS	232.9	NOT PROVIDED — BY OTHERS
L2-E15	9,816	47.2	NOT PROVIDED — BY OTHERS	205.3	NOT PROVIDED — BY OTHERS
L2-E16	9,009	43.3	NOT PROVIDED — BY OTHERS	232.5	NOT PROVIDED — BY OTHERS

PANEL LP-L3: UNIT FEEDERS

UNIT	LOAD (VA)	AMPS	CONDUCTOR	LENGTH (FT)	DROP (%)
L3-S01	9,816	47.2	NOT PROVIDED — BY OTHERS	115.9	NOT PROVIDED — BY OTHERS
L3-S02	9,018	43.4	NOT PROVIDED — BY OTHERS	88.6	NOT PROVIDED — BY OTHERS
L3-S03	9,525	45.8	NOT PROVIDED — BY OTHERS	63.4	NOT PROVIDED — BY OTHERS
L3-S04	8,946	43.0	NOT PROVIDED — BY OTHERS	38.6	NOT PROVIDED — BY OTHERS
L3-S05	9,525	45.8	NOT PROVIDED — BY OTHERS	13.9	NOT PROVIDED — BY OTHERS
L3-N06	9,093	43.7	NOT PROVIDED — BY OTHERS	120.9	NOT PROVIDED — BY OTHERS
L3-N07	9,816	47.2	NOT PROVIDED — BY OTHERS	93.1	NOT PROVIDED — BY OTHERS
L3-N08	9,027	43.4	NOT PROVIDED — BY OTHERS	65.8	NOT PROVIDED — BY OTHERS
L3-N09	9,525	45.8	NOT PROVIDED — BY OTHERS	40.5	NOT PROVIDED — BY OTHERS
L3-N10	8,946	43.0	NOT PROVIDED — BY OTHERS	15.8	NOT PROVIDED — BY OTHERS
L3-W11	9,006	43.3	NOT PROVIDED — BY OTHERS	177.9	NOT PROVIDED — BY OTHERS
L3-W12	9,816	47.2	NOT PROVIDED — BY OTHERS	183.5	NOT PROVIDED — BY OTHERS
L3-W13	9,816	47.2	NOT PROVIDED — BY OTHERS	216.2	NOT PROVIDED — BY OTHERS
L3-E14	9,093	43.7	NOT PROVIDED — BY OTHERS	200.3	NOT PROVIDED — BY OTHERS
L3-E15	9,732	46.8	NOT PROVIDED — BY OTHERS	227.5	NOT PROVIDED — BY OTHERS

PANEL LP-L4: UNIT FEEDERS

UNIT	LOAD (VA)	AMPS	CONDUCTOR	LENGTH (FT)	DROP (%)
L4-S01	9,816	47.2	NOT PROVIDED — BY OTHERS	115.9	NOT PROVIDED — BY OTHERS
L4-S02	9,018	43.4	NOT PROVIDED — BY OTHERS	88.6	NOT PROVIDED — BY OTHERS
L4-S03	9,525	45.8	NOT PROVIDED — BY OTHERS	63.4	NOT PROVIDED — BY OTHERS
L4-S04	8,946	43.0	NOT PROVIDED — BY OTHERS	38.6	NOT PROVIDED — BY OTHERS
L4-S05	9,525	45.8	NOT PROVIDED — BY OTHERS	13.9	NOT PROVIDED — BY OTHERS
L4-N06	9,093	43.7	NOT PROVIDED — BY OTHERS	120.9	NOT PROVIDED — BY OTHERS
L4-N07	9,816	47.2	NOT PROVIDED — BY OTHERS	93.1	NOT PROVIDED — BY OTHERS
L4-N08	9,027	43.4	NOT PROVIDED — BY OTHERS	65.8	NOT PROVIDED — BY OTHERS
L4-N09	9,525	45.8	NOT PROVIDED — BY OTHERS	40.5	NOT PROVIDED — BY OTHERS
L4-N10	8,946	43.0	NOT PROVIDED — BY OTHERS	15.8	NOT PROVIDED — BY OTHERS
L4-W11	9,006	43.3	NOT PROVIDED — BY OTHERS	177.9	NOT PROVIDED — BY OTHERS
L4-W12	9,816	47.2	NOT PROVIDED — BY OTHERS	183.5	NOT PROVIDED — BY OTHERS
L4-W13	9,816	47.2	NOT PROVIDED — BY OTHERS	216.2	NOT PROVIDED — BY OTHERS
L4-E14	9,093	43.7	NOT PROVIDED — BY OTHERS	200.3	NOT PROVIDED — BY OTHERS
L4-E15	9,732	46.8	NOT PROVIDED — BY OTHERS	227.5	NOT PROVIDED — BY OTHERS

DWELLING UNIT BRANCH CIRCUITS

CIRCUIT	SERVES	RATING	VOLTS	CONDUCTOR	LENGTH (FT)	DROP (%)
BR-BATH	THE BATHROOM RECEPTACLE OUTLETS OF EVERY DWELLING UNIT	20 A	120 V	NOT PROVIDED — BY OTHERS		

NOTES

1. DROP IS CHECKED AGAINST THE NEC INFORMATIONAL NOTES: 3 PERCENT FOR A BRANCH CIRCUIT, 5 PERCENT FOR FEEDER AND BRANCH TOGETHER. A CIRCUIT OVER ONE IS A FINDING FOR THE EOR; THE NOTES IMPOSE NO REQUIREMENT (MEP-ELEC-VD-001).
2. CONDUCTOR AND DROP ARE NOT PROVIDED UNTIL NEC TABLE 310.16 AND CHAPTER 9 TABLE 8 ARE VENDORED OR THE EOR NAMES EACH CONDUCTOR (MEP-ELEC-TBL-001). THE EOR SELECTS EVERY CONDUCTOR.
3. LOAD: THE NEC 220.82 UNIT DEMAND OF EACH UNIT'S NET AREA, AT THE UNIT PANEL VOLTAGE (MEP-ELEC-FDR-*).
4. LENGTH: ROUTED CONDUIT IN THE ELEMENT FILE FROM THE MAIN END NEAREST THE PANEL. THE PANEL'S RISE AND THE RUN INSIDE THE UNIT ARE NOT ROUTED, SO EACH LENGTH IS A FLOOR. THE ELECTRICAL ENGINEER MUST COMPLETE THE ROUTE.
5. EVERY VALUE IS AN MEP-ELEC LEDGER RECORD FOR THE EOR TO VERIFY LOCALLY.

1 UNIT FEEDER AND BRANCH CIRCUIT SCHEDULES
SCALE: NTS

SHEET NOTES

1. ELECTRICAL: SPECIFIED IN SECTION 26 05 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
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PROJECT

Architecture.Engineering — L courtyard study
FICTIONAL STUDY: NO REAL PARCEL
ARCHITECTUREENGINEERING — 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.

UNIT FEEDER AND BRANCH CIRCUIT SCHEDULES

SHEET
E3.4

LIGHTING SCHEDULE & POWER ALLOWANCE

LOCATION	FIXTURE TYPE	WATTAGE	SPECIFICATIONS	CONTROL
UNIT — KITCHEN/LIVING	RECESSED LED	PER LPD ALLOWANCE	HIGH-CRI, WARM	DIMMER
UNIT — BEDROOM/BATH	RECESSED LED / VANITY LED	PER LPD ALLOWANCE	HIGH-CRI, WARM	DIMMER
CORRIDOR	RECESSED LED	PER LPD ALLOWANCE	EMERGENCY CAPABLE	OCCUPANCY
STAIR	WALL SCONCE LED	PER LPD ALLOWANCE	EMERGENCY	ALWAYS ON
LOBBY/AMENITY	PENDANT/RECESSED	PER LPD ALLOWANCE	DECORATIVE	DIMMER
PARKING / SITE	LED AREA / WALL PACK	PER LPD ALLOWANCE	DLC LISTED	PHOTOCELL
LIGHTING POWER ALLOWANCE	NOT PROVIDED — BY OTHERS	—	—	—

ELECTRICAL SYSTEM SUMMARY

SYSTEM	VALUE
MAIN SERVICE	NOT PROVIDED — BY OTHERS
PANEL COUNT	1 PER FLOOR + MAIN
DEMAND FACTOR	NFPA 70 ART. 220

SHEET NOTES

1. ELECTRICAL: SPECIFIED IN SECTION 26 05 00.

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ELECTRICAL	NOT PROVIDED — BY OTHERS
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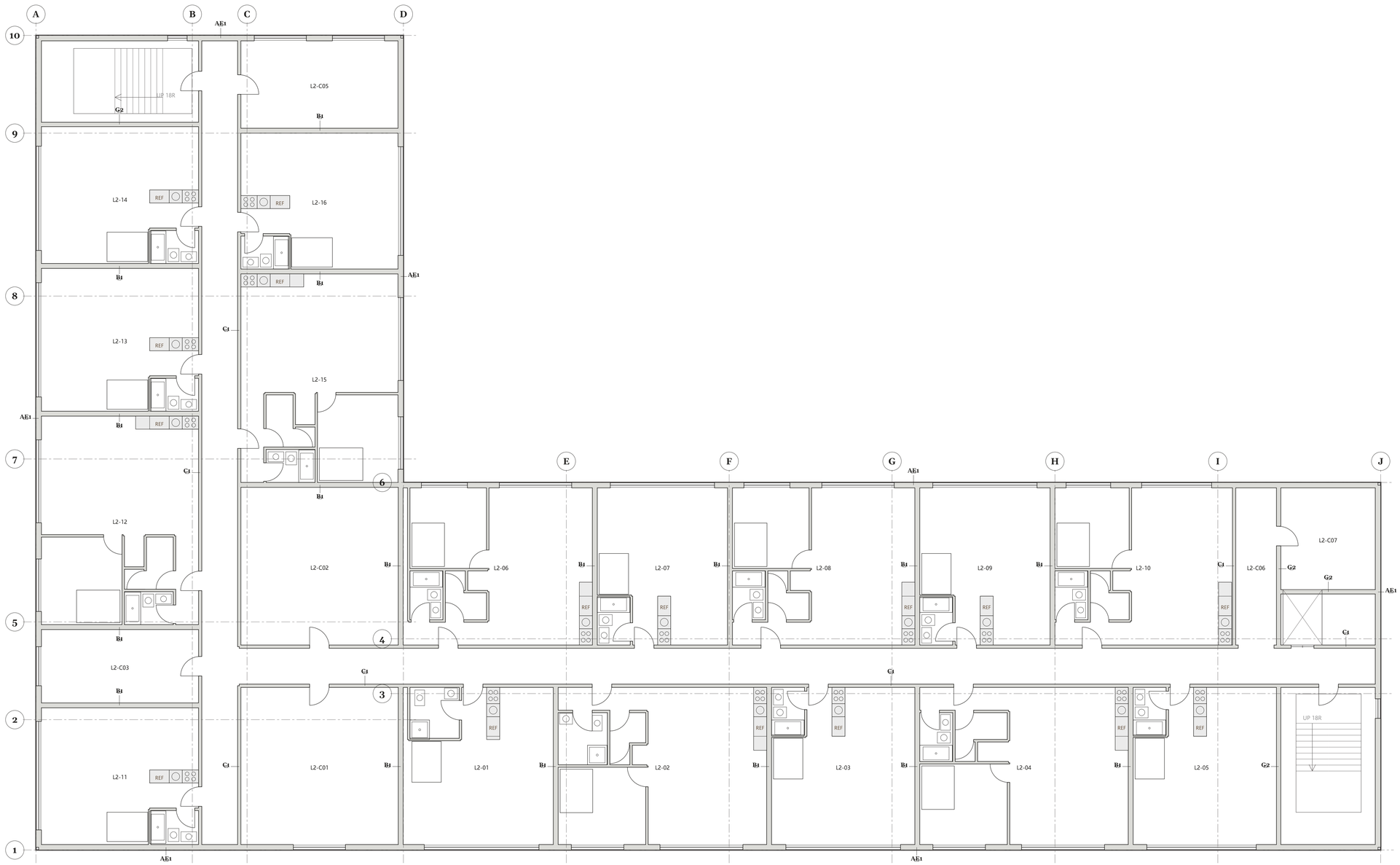
OPEN ISSUE

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

LIGHTING SCHEDULE & CONTROLS

SHEET

E4.1



FIRE PROTECTION COORDINATION (L2)

FIRE PROTECTION: EQUIPMENT, DEVICE AND ROUTING LOCATIONS NOT PROVIDED. ARCHITECTURAL COORDINATION BACKGROUND ONLY.

ARCHITECT: SEE A1.02 FOR ROOM NAMES, DIMENSIONS AND OPENING MARKS.

1 FIRE PROTECTION COORDINATION - L2

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

SHEET NOTES

1. SPRINKLERS: SPECIFIED IN SECTION 21 13 00.
2. PORTABLE EXTINGUISHERS: SPECIFIED IN SECTION 10 44 00.

PLAN NORTH TAKEN AS TRUE NORTH

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

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PROJECT

Architecture.Engineering — L courtyard study

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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FIRE PROTECTION COORDINATION - L2

SHEET

FP1.1

FIRE SPRINKLER RISER DIAGRAM

RISER DESIGN TO BE COMPLETED BY THE FIRE PROTECTION ENGINEER OF RECORD

NOT PROVIDED — BY OTHERS

SPRINKLER SYSTEM PER NFPA 13 (FP-006)

SHEET NOTES

1. SPRINKLERS: SPECIFIED IN SECTION 21 13 00.
2. PORTABLE EXTINGUISHERS: SPECIFIED IN SECTION 10 44 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

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Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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FIRE SPRINKLER RISER DIAGRAM

SHEET

FP2.1

RISER GEOMETRY, PIPE SIZES AND CONNECTIONS: NOT PROVIDED. THE FIRE PROTECTION ENGINEER MUST DESIGN THESE ITEMS.

SPRINKLER DESIGN CLASSIFICATION (BASIS ONLY)

SYSTEM STANDARD: NFPA 13 (IBC 2021 903.3.1, 903.3.1.1, 903.3.1.2, FP-006)

DESIGN DENSITY/AREA: PER THE CLASSIFIED HAZARD'S NFPA DENSITY CURVE — CLASSIFICATION ONLY, NO HYDRAULIC CALCULATION PERFORMED OR IMPLIED

NOT PROVIDED — BY OTHERS

WATER SUPPLY DATA (STATIC/RESIDUAL/FLOW): HYDRANT FLOW TEST BY CIVIL/WATER UTILITY. ALL HYDRAULIC CALCULATIONS AND SPRINKLER WORKING DRAWINGS BY THE FIRE PROTECTION ENGINEER OF RECORD.

STANDPIPE SYSTEM AND CLASS: Class I (IBC 2021 905.3.1, 905.2, 905.4, FP-007)

DRAFTSTOPPING ABOVE FIRE PARTITIONS: NOT REQUIRED (IBC 2021 708.4.2, FP-008)

DRAFTSTOPPING IN FLOOR/CEILING ASSEMBLIES: NOT REQUIRED (IBC 2021 718.3, FP-009)

DRAFTSTOPPING IN ATTICS AND CONCEALED ROOF SPACES: NOT REQUIRED (IBC 2021 718.4, FP-010)

PORTABLE FIRE EXTINGUISHER SCHEDULE

WHERE	COUNT	RATING	TRAVEL	BASIS	RECORD
EACH DWELLING UNIT	46	1-A:10-B:C	IN THE UNIT	OFC 2022 (IFC 2021 base) 906.1 Exception 1	FP-012
L1 CORRIDORS AND COMMON AREAS	2	2-A MIN	75 FT MAX	OFC 2022 (IFC 2021 base) Table 906.3(1), 906.3.1	FP-013
L2 CORRIDORS AND COMMON AREAS	2	2-A MIN	75 FT MAX	OFC 2022 (IFC 2021 base) Table 906.3(1), 906.3.1	FP-014
L3 CORRIDORS AND COMMON AREAS	2	2-A MIN	75 FT MAX	OFC 2022 (IFC 2021 base) Table 906.3(1), 906.3.1	FP-015
L4 CORRIDORS AND COMMON AREAS	2	2-A MIN	75 FT MAX	OFC 2022 (IFC 2021 base) Table 906.3(1), 906.3.1	FP-016
MOUNTING	ALL	TOP 5 FT MAX, BOTTOM 4 IN MIN		OFC 2022 (IFC 2021 base) 906.9.1, 906.9.3	FP-017

(2) FIRE PROTECTION DESIGN BASIS

SCALE: NTS

SHEET NOTES

1. SPRINKLERS: SPECIFIED IN SECTION 21 13 00.
2. PORTABLE EXTINGUISHERS: SPECIFIED IN SECTION 10 44 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

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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
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Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	NTS
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

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FIRE PROTECTION DESIGN BASIS

SHEET

FP3.1



FIRE ALARM DEVICE SCHEDULE				
TAG	**DEVICE**	**BASIS OF DESIGN**	**PER LEVEL**	**TOTAL**
SC	SMOKE AND CARBON MONOXIDE ALARM, BUILDING WIRING WITH BATTERY BACKUP	NOT PROVIDED — BY OTHERS	23	69
S	STROBE, WALL, 15 CD, CORRIDOR	SYSTEM SENSOR (HONEYWELL) SWLED	8	24
FACP	FIRE ALARM CONTROL PANEL, SEE FA2.1	FIRE-LITE ES-50X		

(SC) SC SMOKE AND CO ALARM

[S] S CORRIDOR STROBE

NOTES

1. OSSC 907.2.11.2: A SMOKE ALARM IN EACH ROOM USED FOR SLEEPING AND ONE OUTSIDE EACH SEPARATE SLEEPING AREA; THE OUTSIDE ALARM SITS IN THE ROOM THE BEDROOM DOOR OPENS ONTO.
2. OREGON 915.1.1.1 AND 915.2.1: CARBON MONOXIDE DETECTION IN EACH BEDROOM, SO EVERY UNIT ALARM IS A COMBINATION SMOKE AND CARBON MONOXIDE ALARM.
3. UNIT ALARMS ON BUILDING WIRING WITH BATTERY BACKUP, INTERCONNECTED WITHIN EACH UNIT AND NOT CONNECTED TO THE FIRE ALARM PANEL (907.2.11.5, 907.2.11.6, 907.6.2).
4. EVERY BATH DOOR IS TREATED AS SERVING A TUB OR SHOWER FOR THE 907.2.11.4 CLEARANCE.
5. OSSC 907.2.11.3: IN EVERY UNIT THE NEAREST ALARM CLEARS THE RANGE BY THE PHOTOELECTRIC DISTANCE; EACH UNIT'S DISTANCE IS ITS FP-ALM-COOK LEDGER RECORD.
6. OREGON 907.5.2.3.3: VISIBLE ALARMS IN COMMON AREAS AND NOT INSIDE DWELLING UNITS. CORRIDOR SPACING IS A TRAINING PROVIDER'S READING OF NFPA 72; CHECK NFPA 72 (2025) CHAPTER 18.
7. MANUAL FIRE ALARM BOXES: NOT REQUIRED UNDER 907.2.9.1 EXCEPTION 2, PROVIDED SPRINKLER WATER FLOW SOUNDS THE NOTIFICATION APPLIANCES THROUGHOUT.
8. THIS VIEW SHOWS L2 ONLY. OTHER LEVELS, COMMON-ROOM DEVICE LAYOUTS, AUDIBILITY AND THE SLEEPING-ROOM LOW-FREQUENCY SIGNAL REQUIRE THE FIRE ALARM DESIGNER'S REVIEW.

1 FIRE ALARM DEVICES, L2

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. FIRE ALARM: SPECIFIED IN SECTION 28 31 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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

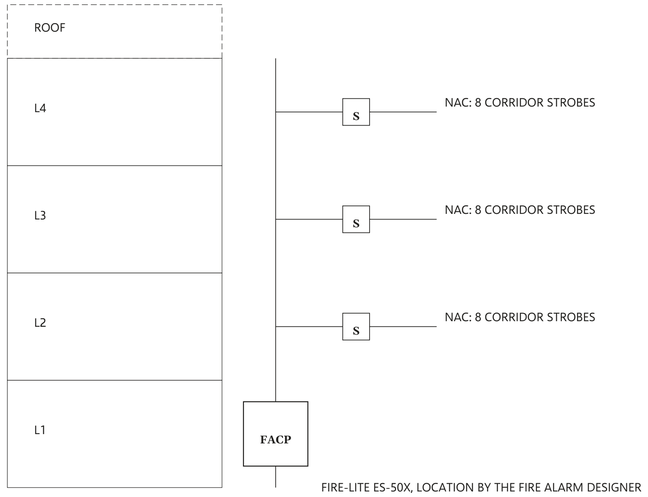
OPEN ISSUE

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FIRE ALARM COORDINATION, L2

SHEET

FA1.1



1 FIRE ALARM RISER
SCALE: NTS

SECONDARY POWER		
STANDBY CURRENT	0.141	A
ALARM CURRENT	0.889	A
STANDBY TIME	24	H
ALARM TIME	0.084	H
DERATING FACTOR	1.2	
REQUIRED	4.15	AH
BATTERY SIZE	7	AH
NAC 1 LOAD	0.216	A
NAC 2 LOAD	0.216	A

(STANDBY CURRENT X STANDBY TIME + ALARM CURRENT X ALARM TIME) X DERATING FACTOR; FIRE-LITE LS10129 TABLES 9.3 AND 9.4

NOTES

1. SLC INITIATING DEVICES (SPRINKLER WATER FLOW AND VALVE SUPERVISION) BY THE FIRE ALARM DESIGNER; THEIR STANDBY CURRENT IS NOT IN THE BATTERY CALCULATION.

2. UNIT SMOKE AND CO ALARMS ARE NOT ON THE PANEL (907.6.2 EXCEPTION).

3. THE FIRE ALARM DESIGNER MUST PROVIDE VOLTAGE DROP ON EACH NAC AND THE DEVICE COMPATIBILITY DOCUMENT.

SHEET NOTES

1. FIRE ALARM: SPECIFIED IN SECTION 28 31 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

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Scale	NTS
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OPEN ISSUE
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FIRE ALARM RISER

SHEET
FA2.1



SOURCE SITE ALLOCATION

LOT AREA: 39,100 SF

BUILDING FOOTPRINT ON LOT: BUILDING 15,510 SF ON THE LOT

PLANTED AREA: NOT PROVIDED — BY OTHERS

PLANTED SHARE OF THE SITE AREA: NOT PROVIDED — BY OTHERS

MINIMUM LANDSCAPED AREA: NOT PROVIDED — BY OTHERS

UNALLOCATED SITE SURFACE: 23,590 SF; USE NOT ASSIGNED

UNALLOCATED GROUND IS NOT A PLANTING DESIGN.

THE LANDSCAPE ARCHITECT MUST DEFINE PLANTING BOUNDARIES, SPECIES, COUNTS AND SPACING.

THE CIVIL ENGINEER MUST COORDINATE WALKS, ACCESS, GRADING AND DRAINAGE.

1 LANDSCAPE COORDINATION

SCALE: 1/8" = 1'-0"

0' 5' 10' 15' 20'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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

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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	1/8"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

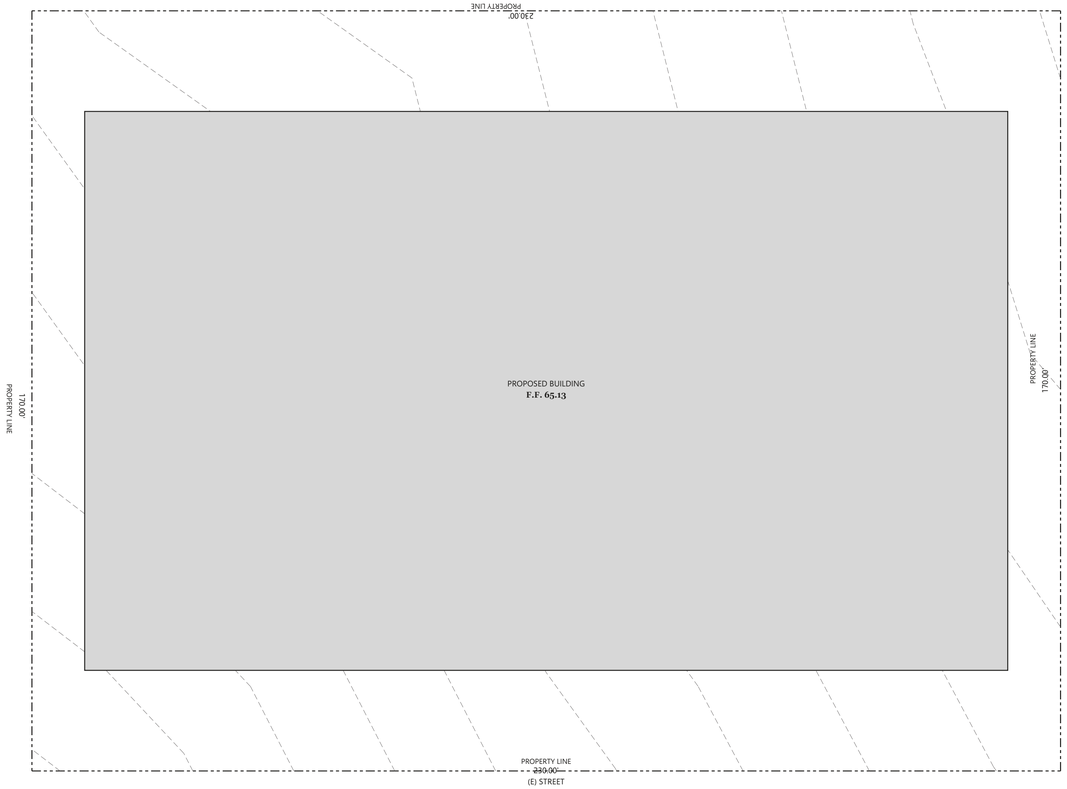
The set's open issue is stated on the cover, G0.01.

LANDSCAPE COORDINATION

SHEET

L1.1

EXISTING GRADE FROM USGS 3DEP BARE-EARTH ELEVATION, A STATED ASSUMPTION: NOT A BOUNDARY OR TOPOGRAPHIC SURVEY. CIVIL TO CONFIRM BEFORE GRADING. ELEVATIONS IN FEET, NAVD88. CONTOURS AT ONE-FOOT INTERVALS, INDEX AT FIVE.



SITE SURFACE	
SURFACE	USGS 3DEP (ASSUMED)
GRADE HIGH	65.13
GRADE LOW	55.55
FINISHED FLOOR	65.13
DATUM	NAVD88

1 SITE PLAN
SCALE: 1/16" = 1'-0"
0' 10' 20' 30' 40'

N
PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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
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LANDSCAPE	NOT PROVIDED — BY OTHERS
FIRE PROTECTION	NOT PROVIDED — BY OTHERS
GEOTECHNICAL	NOT PROVIDED — BY OTHERS

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REVISIONS

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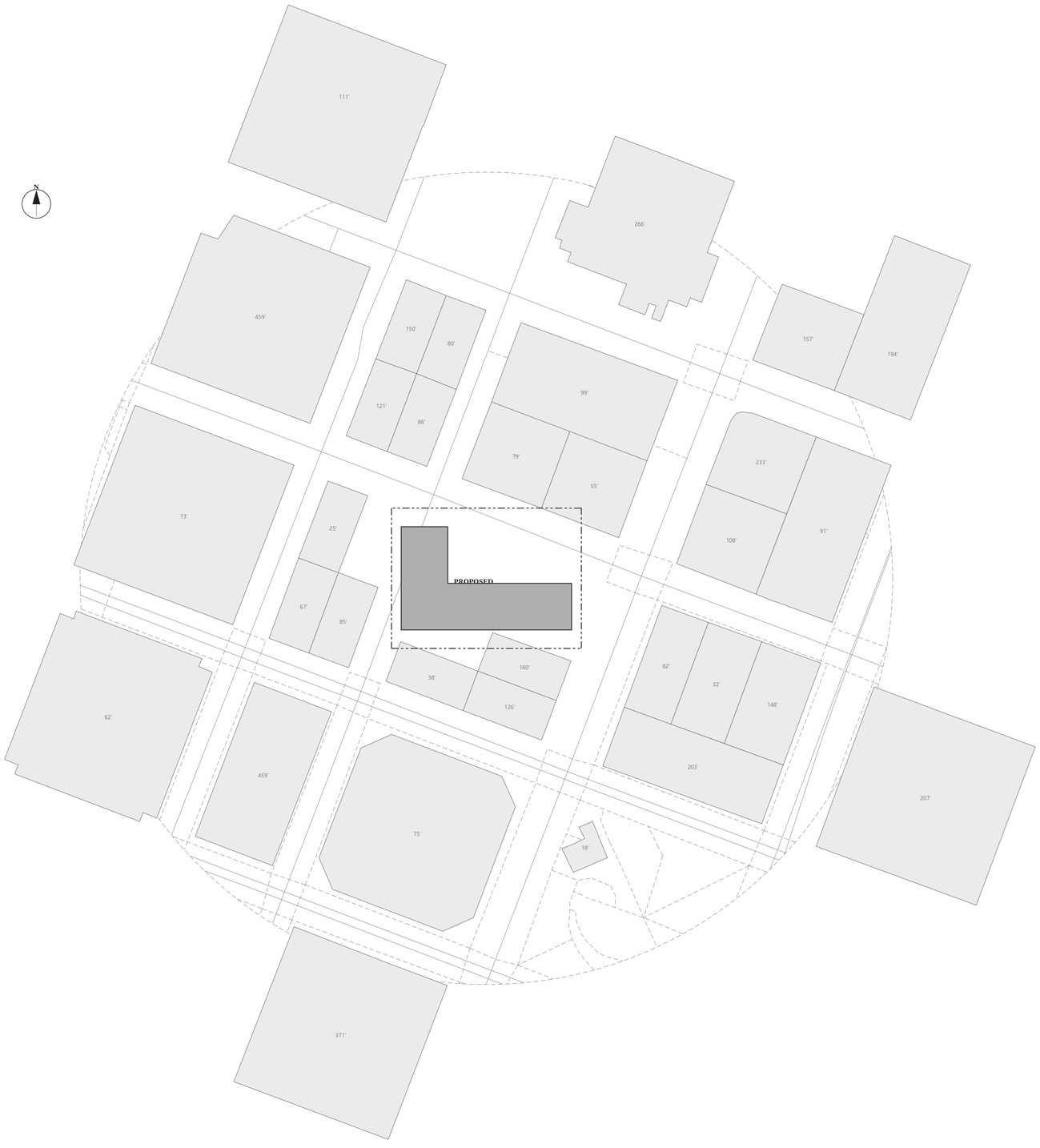
REGISTER

Project	AE-STUDY-L01
Issue	NOT PROVIDED — BY OTHERS
Date	NOT PROVIDED — BY OTHERS
Drawn	NOT PROVIDED — BY OTHERS
Scale	1/16"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE
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SITE PLAN

SHEET
C1.1



1 **SITE CONTEXT PLAN**
SCALE: As Noted

CONTEXT FROM OVERTURE MAPS RELEASE 2026-09-23.1, PUBLISHED 2026-09-25: THE BUILDINGS AND TRANSPORTATION THEMES WITHIN 150 M OF 45.52, -122.68, READ 2026-10-17.

THE SITE POINT 45.52, -122.68 IS A FIXTURE POINT, NEVER A REAL PARCEL.

EACH NEIGHBOUR IS OUTLINED AND LABELLED WITH ITS BUILDING RECORD'S HEIGHT IN FEET: 10 FROM OPENSTREETMAP, 22 FROM USGS LIDAR. 21 BUILDING PARTS ARE NOT DRAWN.

ALREADY ON THE SITE, LISTED AND NOT DRAWN: DOSSIER HOTEL (D26CC502), AN UNNAMED BUILDING (043C1FA9), CHARLES F. BERG BUILDING (A38C7809), THE ESQUIRE (857020SD), ALDER PARK BUILDING (2860C3D8). THEIR DEMOLITION IS NOT ASSESSED.

ROADS AND PATHS AT GRADE, CLIPPED TO THE RADIUS; FOOTWAYS AND STEPS DASHED.

PLAN NORTH TAKEN AS TRUE NORTH (SITE-SUN-NORTH). THE PROPOSED BUILDING IS SHOWN SOLID.

OVERTURE BUILDS THESE TILES FOR DATA INSPECTION ONLY. THE RELEASE LEAVES PUBLIC DISTRIBUTION 2026-11-25, AND THE FIXTURE IN THIS SET IS THE RECORD OF IT.

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SITE CONTEXT	
SOURCE	OVERTURE MAPS 2026-09-23.1
RELEASE DATE	2026-09-25
LEAVES DISTRIBUTION	2026-11-25
DATA TERMS	ODbL
NEIGHBOURS DRAWN	32
ON THE SITE, NOT DRAWN	5
ROAD SEGMENTS	108
GROUND	USGS 3DEP (ASSUMED)

SHEET NOTES

1. GENERAL REQUIREMENTS: SPECIFIED IN SECTION 01 10 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	AS NOTED
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

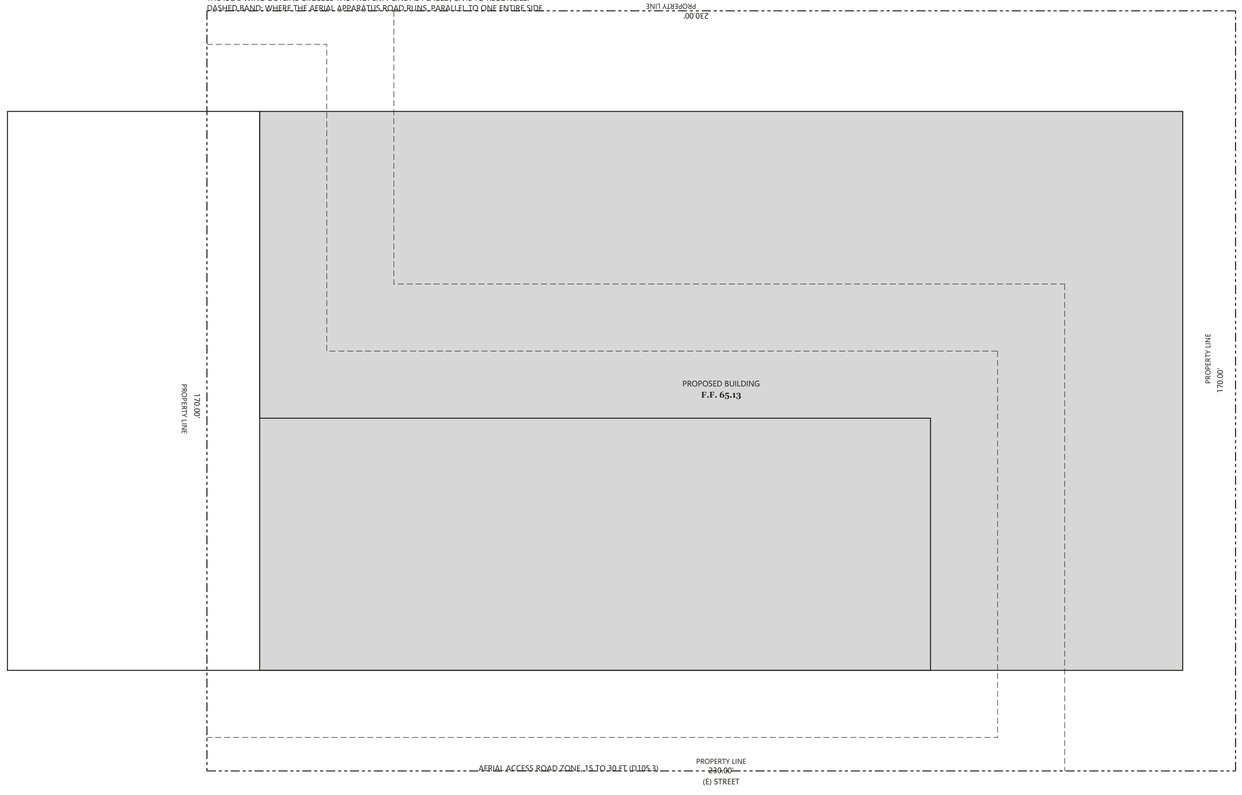
The set's open issue is stated on the cover, G0.01.

SITE CONTEXT PLAN

SHEET

C1.2

EXISTING GRADE FROM USGS 3DEP BARE-EARTH ELEVATION, A STATED ASSUMPTION:
NOT A BOUNDARY OR TOPOGRAPHIC SURVEY. CIVIL TO CONFIRM BEFORE GRADING.
ELEVATIONS IN FEET, NAVD88. CONTOURS AT ONE-FOOT INTERVALS, INDEX AT FIVE.
FIRE FLOW, HYDRANTS AND APPARATUS ACCESS FROM THE OREGON FIRE CODE, APPENDICES B, C AND D
(FP-FF-SCOPE). LOCAL ADOPTION AND AMENDMENT ARE UNVERIFIED.
ONLY SOURCED HYDRANTS ARE DRAWN. THE WATER PURVEYOR'S FLOW TEST AND HYDRANT MAP ARE OWED.
NO ACCESS ROAD OR TURNING TEMPLATE IS DRAWN: THE IBG CARRIES NO ROAD, AND THE FIRE CODE
OFFICIAL SETS THE TURNING RADIUS (SITE-FA-ROAD).
THE IBG'S WING OUTLINE CROSSES THE PROPERTY LINE AS PLACED; CIVIL TO RECONCILE.
DASHED BAND: WHERE THE AERIAL APPARATUS ROAD RUNS, PARALLEL TO ONE ENTIRE SIDE



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FIRE FLOW (OFC APPENDIX B)	
CONSTRUCTION	TYPE VA
CALC. AREA (B104)	62,040 SF
TABLE B105.1(2)	4,500 GPM, 4 HR
REQUIRED (B105.2)	1,125 GPM, 2 HR
SPRINKLER STANDARD	NFPA 13
OFC 2025	1,500 GPM, 2 HR
AVAILABLE AT SITE	NOT PROVIDED — BY OTHERS

FIRE HYDRANTS (OFC APPENDIX C)	
DISTANCE LIMIT (507.5.1)	600 FT
FARTHEST PORTION	NOT PROVIDED — BY OTHERS
REQUIRED (C102.1)	1
PROVIDED	NOT PROVIDED — BY OTHERS
AT THE FDC (507.5.1.1)	NOT PROVIDED — BY OTHERS

FIRE APPARATUS ACCESS (APPENDIX D)	
ACCESS ROAD (503)	NOT PROVIDED — BY OTHERS
AERIAL ACCESS (D105)	REQUIRED
ACCESS ROADS (D106)	1
ACCESS LEVEL	NOT PROVIDED — BY OTHERS

1 FIRE FLOW AND FIRE ACCESS

SCALE: 1/16" = 1'-0"

0' 10' 20' 30' 40'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

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REVISIONS

MARKDATE DESCRIPTION

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Drawn	NOT PROVIDED — BY OTHERS
Scale	1/16"
Phase	CONSTRUCTION DOCUMENTS

OPEN ISSUE

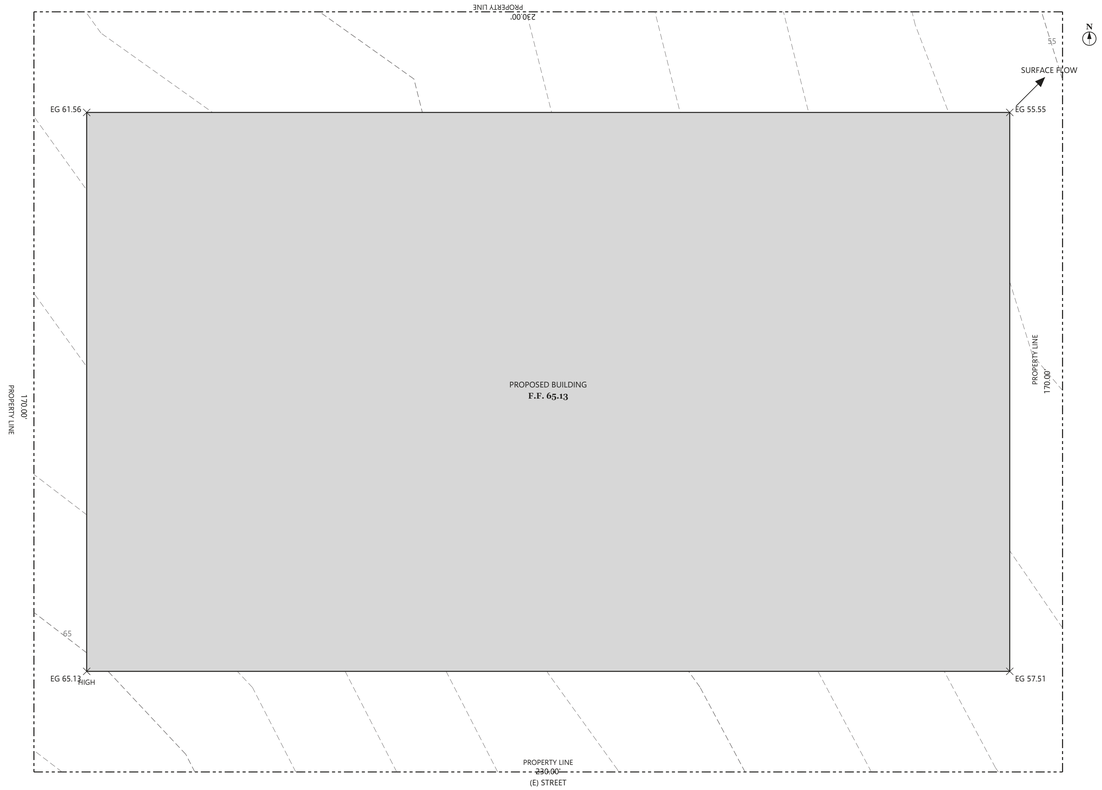
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FIRE FLOW AND FIRE ACCESS

SHEET

C1.3

EXISTING GRADE FROM USGS 3DEP BARE-EARTH ELEVATION, A STATED ASSUMPTION:
NOT A BOUNDARY OR TOPOGRAPHIC SURVEY. CIVIL TO CONFIRM BEFORE GRADING.
ELEVATIONS IN FEET, NAVD88. CONTOURS AT ONE-FOOT INTERVALS, INDEX AT FIVE.
FINISHED FLOOR SET AT THE HIGHEST ADJACENT GRADE (ASSUMED). CIVIL TO SET THE FLOOR AND GRADE TO IT.
SLOPE FINISHED GRADE AWAY FROM THE BUILDING ON EVERY SIDE. SPOT ELEVATIONS ARE EXISTING GRADE (EG).



1 GRADING AND DRAINAGE PLAN

SCALE: 1/16" = 1'-0"

0' 10' 20' 30' 40'

N

PLAN NORTH TAKEN AS TRUE NORTH

SHEET NOTES

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Scale	1/16"
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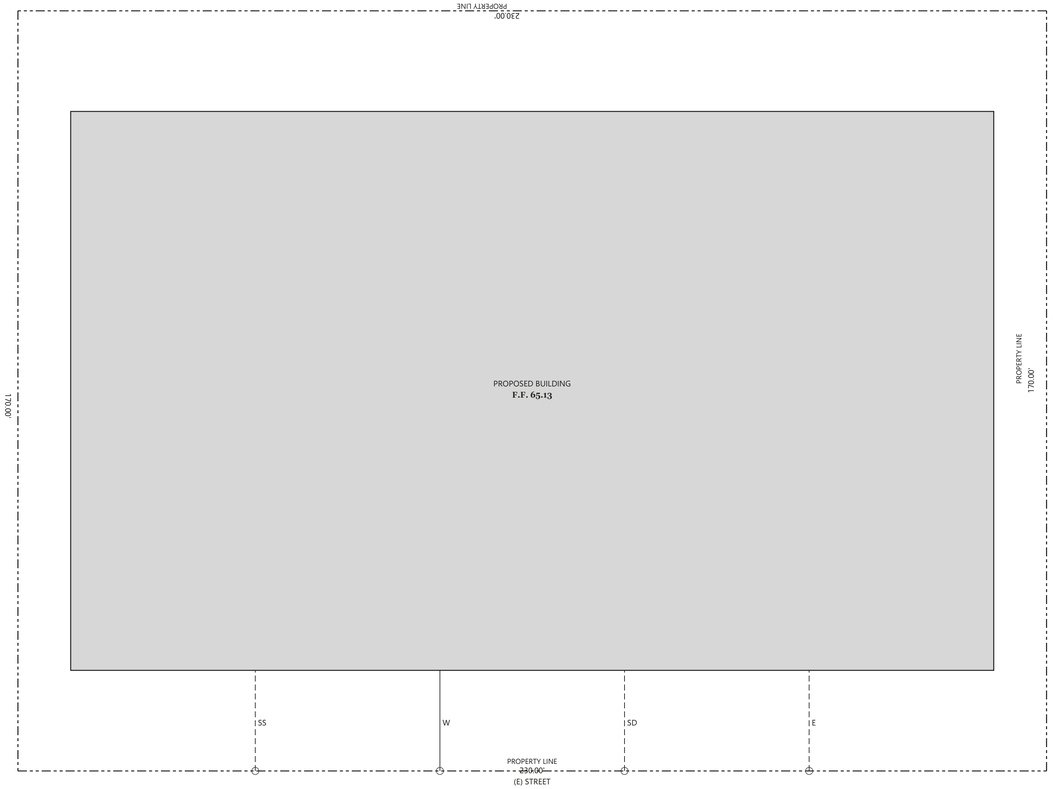
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GRADING AND DRAINAGE PLAN

SHEET

C2.1

EXISTING GRADE FROM USGS 3DEP BARE-EARTH ELEVATION, A STATED ASSUMPTION:
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ELEVATIONS IN FEET, NAVD88. CONTOURS AT ONE-FOOT INTERVALS, INDEX AT FIVE.
POINTS OF CONNECTION PER THE SERVING UTILITY. SIZES, INVERTS AND METERS BY THE CIVIL ENGINEER.
RUNOFF COEFFICIENT AND RAINFALL INTENSITY COME FROM THE JURISDICTION'S STORMWATER MANUAL, WHICH THIS SET DOES NOT CARRY.
Q = C I A SIZES THE SYSTEM FOR PLANNING ONLY. THE CIVIL ENGINEER DESIGNS IT.



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POINTS OF CONNECTION	
SANITARY SEWER	NOT PROVIDED — BY OTHERS
DOMESTIC WATER	NOT PROVIDED — BY OTHERS
STORM DRAIN	NOT PROVIDED — BY OTHERS
ELECTRICAL SERVICE	NOT PROVIDED — BY OTHERS

STORMWATER (RATIONAL METHOD)	
AREA A (ACRES)	0.5923
RUNOFF COEFF. C	NOT PROVIDED — BY OTHERS
INTENSITY I (IN/HR)	NOT PROVIDED — BY OTHERS
PEAK RUNOFF Q (CFS)	NOT PROVIDED — BY OTHERS

1 UTILITY PLAN

SCALE: 1/16" = 1'-0"

0' 10' 20' 30' 40'

N

PLAN NORTH TAKEN AS TRUE NORTH

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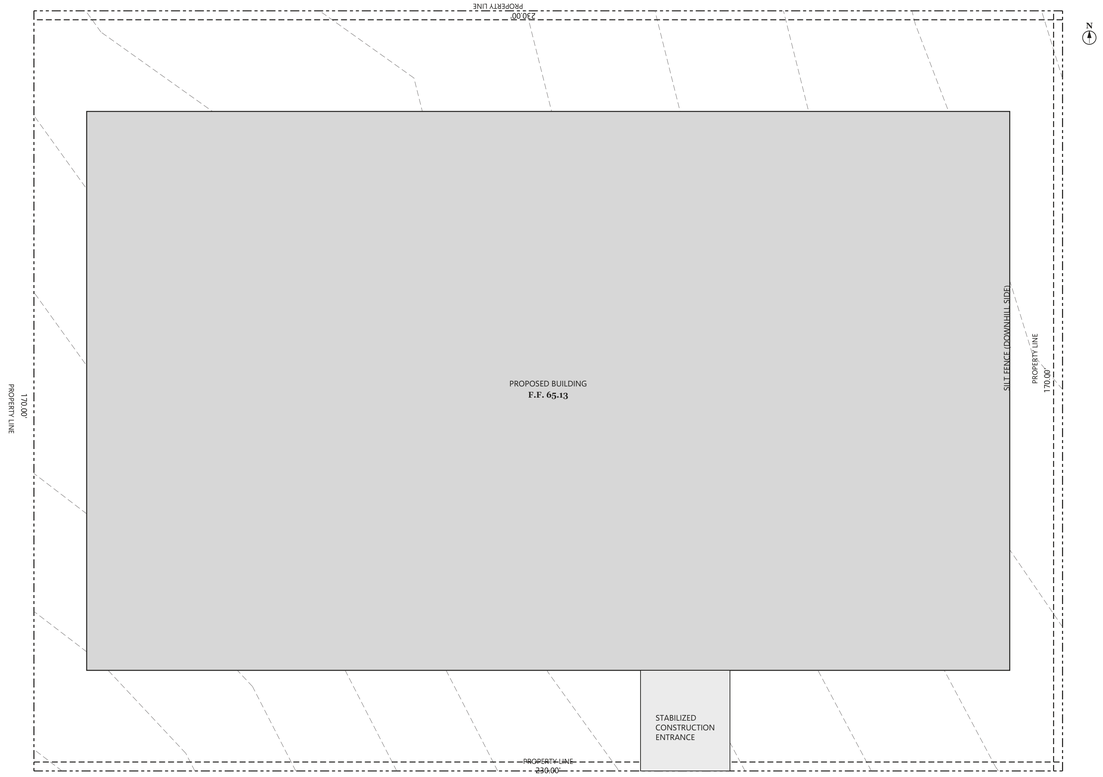
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UTILITY PLAN

SHEET

C3.1

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ELEVATIONS IN FEET, NAVD88. CONTOURS AT ONE-FOOT INTERVALS, INDEX AT FIVE.
INSTALL SILT FENCE ALONG THE DOWNHILL PROPERTY LINES BEFORE ANY GRADING.
STABILIZED CONSTRUCTION ENTRANCE AT THE STREET; NO TRACKING ONTO THE PUBLIC WAY.
INLET PROTECTION AT EVERY STORM INLET ON AND ADJACENT TO THE SITE.
STABILIZE DISTURBED AREAS PER THE JURISDICTION'S EROSION CONTROL MANUAL, WHICH THIS SET DOES NOT CARRY.



1 EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1/16" = 1'-0"

0' 10' 20' 30' 40'

N

PLAN NORTH TAKEN
AS TRUE NORTH

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EROSION AND SEDIMENT CONTROL PLAN

SHEET

C4.1