

THE VILLAGE AT DISCOVERY - LOT 4

LEE'S SUMMIT, MO

PRINTS ISSUED
01/25/2024 - CITY SUBMITTAL

REVISIONS:

1	10/21/24	ADDENDUM #1
3	12/20/24	ADDENDUM #3
6	03/14/25	ASI 4.2
8	02/20/26	ASI 4.4 CHANGES TO APPROVED PLANS
9	03/20/26	CHANGES TO APPROVED PLANS



THE VILLAGE AT DISCOVERY - LOT 4

1921 NE DISCOVERY AVE
LEE'S SUMMIT, MO
64064

SHEET TITLE
TITLE SHEET

PROJECT NUMBER: 23099

SHEET NUMBER:

G-001

PROJECT CERTIFICATION

I, **David E. Hendrikse**, hereby specify pursuant to the governing requirements of the state, that the documents intended to be authenticated by my seal are limited to:

AS-100	G-102	G-210	A-102	A-125	A-402	A-501
G-001	G-200	G-211	A-103	A-200	A-403	A-502
G-001.1	G-201	G-212	A-105	A-201	A-404	A-503
G-002	G-202	G-213	A-106	A-300	A-405	A-504
G-003	G-203	G-214	A-110	A-301	A-406	A-505
G-004	G-204	G-215	A-111	A-302	A-407	A-506
G-005	G-205	G-300	A-112	A-303	A-408	A-500
G-006	G-206	G-301	A-113	A-304	A-409	A-501
G-007	G-207	G-302	A-114	A-305	A-410	A-502
G-100	G-208	G-303	A-115	A-400	A-415	A-603
G-101	G-209	A-101	A-120	A-401	A-500	A-711

and I hereby disclaim any responsibility for all other plans, specifications, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

SEAL



David E. Hendrikse, AIA

REGIONAL MAP



VICINITY MAP



THE VILLAGE AT DISCOVERY - LOT 4

LEE'S SUMMIT, MO



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CIVIL UNDER SEPARATE REVIEW, REFERENCE FDP

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SOLID FILL INDICATES INCLUSION IN ISSUE SHEET ISSUE DATE

10/10/2024	A-000	SHEET NAME	-	10/10/2024
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SHEET INDEX LEGEND

SHEET NUMBER AND NAME CURRENT REVISION NUMBER & REVISION DATE ON SHEET

PROJECT DATA

PROJECT DESIGN INFORMATION

NEW CONSTRUCTION:

ZONING: PMIX - PLANNED MIX USE DISTRICT

CODE: 2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL FIRE CODE
2017 NATIONAL ELECTRIC CODE
2009 ACCESSIBILITY CODE ICC/ANSI 117-1
LEE'S SUMMIT AMENDMENTS TO ENERGY CODE

OCCUPANCY GROUP:

R-2, APARTMENTS
A-2, UNCONCENTRATED
S-2, OPEN PARKING GARAGE

TYPE OF CONSTRUCTION:

R-2 & A-2, TYPE VA
S-2, TYPE IIA

ENERGY CONSERVATION:

WALLS AS PART OF BLDG ENVELOPE R-13
FLOORS AS PART OF BLDG ENVELOPE R-19
ROOFS AS PART OF BLDG ENVELOPE R-19
CEILING AS PART OF BLDG ENVELOPE R-30

BUILDING SUMMARY:

NUMBER: 1 TOTAL BUILDING

HEIGHT: 3 STORIES, 43'-0"

SQUARE FOOTAGES:

	GROSS	NET
FIRST FLOOR	24,603 S.F.	24,089 S.F.
SECOND FLOOR	24,790 S.F.	24,376 S.F.
THIRD FLOOR	24,790 S.F.	24,376 S.F.

UNIT SUMMARY:

	46 TOTAL UNITS
TYPE 'A' UNITS (2%)	(1) UNITS - ABERDEEN "A"
HIV UNITS (2%)	(1) UNITS - ADRIAN "HIV" (LG)
TYPE 'B' UNITS	(3) UNITS - ABERDEEN "B" (2) UNITS - ABERDEEN - ALT (13) UNITS - ADRIAN (LG) (4) UNITS - ADRIAN (LG) (2) UNITS - ADRIAN CORNER (4) UNITS - ARA (2) UNITS - ARA - ALT (2) UNITS - ARA CORNER (4) UNITS - DELTA (2) UNITS - HURLEY (2) UNITS - LANA (2) UNITS - LANA (LG)
(46) UNITS	

TOTAL UNITS

	GROSS	NET
ABERDEEN "A" (LG)	1,377 S.F.	1,307 S.F.
ABERDEEN "B" (LG)	1,377 S.F.	1,307 S.F.
ABERDEEN - ALT	1,178 S.F.	1,098 S.F.
ADRIAN (LG)	823 S.F.	771 S.F.
ADRIAN (LG)	858 S.F.	803 S.F.
ADRIAN "HIV" (LG)	858 S.F.	802 S.F.
ADRIAN - ALT	858 S.F.	803 S.F.
ADRIAN CORNER	731 S.F.	684 S.F.
ARA	588 S.F.	543 S.F.
ARA - ALT	693 S.F.	642 S.F.
ARA CORNER	1,094 S.F.	1,039 S.F.
DELTA	879 S.F.	829 S.F.
HURLEY	938 S.F.	874 S.F.
LANA	1,062 S.F.	985 S.F.
LANA (LG)	1,113 S.F.	1,042 S.F.

SEE CIVIL FOR SITE SUMMARY

NOTE: SQUARE FOOTAGE

-GROSS - COMMON SPACE CALCULATION: OUTSIDE PERIMETER OF STUD (ENTIRE BUILDING) LESS THE TOTAL OF THE GROSS UNIT SQUARE FOOTAGE PER FLOOR.
-GROSS - UNIT CALCULATION: CENTERLINE OF PARTY WALL TO OUTSIDE OF EXTERIOR STUD WALL AND/OR OUTSIDE OF CORRIDOR STUD WALL.
-NET - PAINT-TO-PAINT AT PERIMETER, TAKEN FROM INSIDE OF DEMISING, EXTERIOR, AND CORRIDOR WALLS.

PROJECT TEAM

OWNER

INTRINSIC DEVELOPMENT
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COLUMBIA, MO 65201

CONTACT: **BRIAN MAENNER**
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CROCKETT ENGINEERING CONSULTANTS
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COLUMBIA, MO 65203

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LAND WORKS STUDIO
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PHONE: 913.780.6707

SEE G-102 FOR
PARTITION NOTES
AND ACCOUSTIC
SEALING

INTERIOR BARRIER ASSEMBLIES WOOD - 1 HR RATED

P20

WOOD 2x6 STUD - 1HR BARRIER - INTERIOR

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 2x6 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 5-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (SEPT 19, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. SHALL COMPLY WITH IBC SECTION 7 FOR FIRE BARRIERS

P21

WOOD 2x6 STUD - 1HR BARRIER - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 25 MSG GALVANIZED RESILIENT CHANNEL, SPACED 24" O.C.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 5-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (SEPT 19, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. SHALL COMPLY WITH IBC SECTION 7 FOR FIRE BARRIERS
d. STC SHALL BE 50 OR OVER AT UNIT ASSEMBLIES, MEETING ASTM E90 (STC 51 BASED UPON TESTING NGC 2011071)
e. WHERE BARRIER DIVIDES A CORRIDOR AND A UNIT, CORRIDOR SIDE SHALL RECEIVE THE RESILIENT CHANNEL

EXTERIOR PARTITION ASSEMBLIES WOOD - NON RATED

P31

WOOD 2x6 STUD - NON-RATED EXTERIOR - AT BALCONY (DELTA UNIT)

- EXTERIOR
- STUCCO
- METAL LATH
- WEATHER RESISTANT BARRIER, PER SPECIFICATIONS
- (1) LAYER SHEATHING PER STRUCT. DWGS.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- METAL LATH
- STUCCO
- EXTERIOR

NOTES:
a. SCREW PATTERN PER STRUCT.

P36

WOOD 2x6 STUD - NON-RATED EXTERIOR

- EXTERIOR FINISH SYSTEM PER ELEVATIONS
- WEATHER RESISTANT BARRIER, PER SPECIFICATIONS
- (1) LAYER SHEATHING PER STRUCT. DWGS.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- INTERIOR

NOTES:
a. INTERIOR TO BE PAINTED PER FINISH SCHEDULE
b. SCREW PATTERN PER STRUCT.
c. R-13 MIN. INSULATION R-VALUE

P36.1

WOOD 2x4 STUD - NON-RATED EXTERIOR

- EXTERIOR
- EXTERIOR FINISH SYSTEM PER ELEVATIONS
- WEATHER RESISTANT BARRIER, PER SPECIFICATIONS
- (1) LAYER SHEATHING PER STRUCT. DWGS.
- 2x4 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- 1" AIR GAP
- 2x4 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- INTERIOR

NOTES:
a. INTERIOR TO BE PAINTED PER FINISH SCHEDULE
b. SCREW PATTERN PER STRUCT.

1/2" GYP DRAFT STOP @ MAX 10' O.C. (RE: IBC 718.3 FOR LOCATION REQ'S)

P36.2

WOOD 2x8 STUD - NON-RATED EXTERIOR (UPPER FLOORS AT STAIRS)

- EXTERIOR
- EXTERIOR FINISH SYSTEM PER ELEVATIONS
- WEATHER RESISTANT BARRIER, PER SPECIFICATIONS
- (1) LAYER SHEATHING PER STRUCT. DWGS.
- 2x8 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- AT STAIR S2 ONLY:
- 1/2" RESILIENT CHANNEL
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- INTERIOR

NOTES:
a. INTERIOR TO BE PAINTED PER FINISH SCHEDULE
b. SCREW PATTERN PER STRUCT.
c. FURRING WALL P8.1 AT STAIR S1

EXTERIOR PARTITION ASSEMBLIES WOOD - 1 HOUR RATED

P30

WOOD 2x6 STUD - 1HR PARTITION - EXTERIOR

- EXTERIOR
- EXTERIOR FINISH SYSTEM PER ELEVATIONS
- WEATHER RESISTANT BARRIER, PER SPECIFICATIONS
- (1) LAYER SHEATHING PER STRUCT. DWGS.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- 5-1/2" KRAFT OR FOIL FACED BATT INSULATION IN STUD CAVITY, R-VALUE PER DRAWINGS/SPECIFICATIONS TO MEET IECC.
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- INTERIOR

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U356 (NOV 26, 2019)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. EXTERIOR SYSTEM TO BE PER DETAILS AND ELEVATIONS

INTERIOR ASSEMBLIES CMU / CONCRETE - 1 HR RATED

P40

CMU 8" BLOCK - 1HR PARTITION - INTERIOR

- 8" CMU (REINFORCING PER STRUCT)

NOTES:
a. RATING SHALL MEET IBC 2018 SECTION 721 - PRESCRIPTIVE FIRE RESISTANCE FOR 1HR RATING. SHALL MEET TABLE 721.1(2).3. - CONCRETE MASONRY UNITS. ALL TIES. MORTAR TO MEET IBC SECTION 721.
b. APPLY WATERPROOFING AT ALL SUBGRADE PORTION OF WALLS

P43

CMU 12" BLOCK - 1HR PARTITION - INTERIOR

- EXTERIOR GYPSUM BOARD
- WEATHER RESISTANT BARRIER PER SPECIFICATIONS
- R VALUE PER IECC AS INDICATED ON DRAWINGS / SPECIFICATIONS
- 12" CMU (REINFORCING PER STRUCT)
- RESILIENT CHANNEL
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. RATING SHALL MEET IBC 2018 SECTION 721 - PRESCRIPTIVE FIRE RESISTANCE FOR 1HR RATING. SHALL MEET TABLE 721.1(2).3. - CONCRETE MASONRY UNITS. ALL TIES. MORTAR TO MEET IBC SECTION 721.
b. APPLY WATERPROOFING AT ALL SUBGRADE PORTION OF WALLS

INTERIOR BARRIER ASSEMBLIES CMU / CONCRETE - 1 HR RATED

P40.1

CMU 8" BLOCK - 1HR BARRIER - INTERIOR

- 8" CMU (REINFORCING PER STRUCT)
- RESILIENT CHANNEL
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. RATING SHALL MEET IBC 2018 SECTION 721 - PRESCRIPTIVE FIRE RESISTANCE FOR 1HR RATING. SHALL MEET TABLE 721.1(2).3. - CONCRETE MASONRY UNITS. ALL TIES. MORTAR TO MEET IBC SECTION 721.
b. APPLY WATERPROOFING AT ALL SUBGRADE PORTION OF WALLS

P40.2

CMU 8" BLOCK - 1HR BARRIER - INTERIOR

- 8" CMU (REINFORCING PER STRUCT)

NOTES:
a. RATING SHALL MEET IBC 2018 SECTION 721 - PRESCRIPTIVE FIRE RESISTANCE FOR 1HR RATING. SHALL MEET TABLE 721.1(2).3. - CONCRETE MASONRY UNITS. ALL TIES. MORTAR TO MEET IBC SECTION 721.
b. APPLY WATERPROOFING AT ALL SUBGRADE PORTION OF WALLS

INTERIOR ASSEMBLIES CMU / CONCRETE - 2 HR RATED

P42

CMU 8" BLOCK - 2HR FIRE WALL - INTERIOR

- 8" CMU (REINFORCING PER STRUCT)

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U905 (APRIL 14, 2023)
b. APPLY WATERPROOFING AT ALL SUBGRADE PORTION OF WALLS

INTERIOR PARTITION ASSEMBLIES WOOD - 2 HR RATED

P18

WOOD 2x6 STUD - 2HR PARTITION - INTERIOR

- (2) LAYERS 5/8" TYPE "X" GYPSUM BOARD
- 2x6 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 5-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (2) LAYERS 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (SEPT 19, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS

INTERIOR PARTITION ASSEMBLIES WOOD - NON RATED

P1

WOOD 2x4 STUD - NON-RATED PARTITION - INTERIOR

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 2x4 WOOD STUDS SPACED 16" O.C.
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE "W" STEEL SCREWS @ 12" O.C.

P2

WOOD 2x6 STUD - NON-RATED PARTITION - INTERIOR

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 2x6 WOOD STUDS SPACED 16" O.C.
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE "W" STEEL SCREWS @ 12" O.C.

P4

WOOD 2x4 STUD - NON-RATED PARTITION - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 2x4 WOOD STUDS SPACED 16" O.C.
- 3 1/2" BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE "W" STEEL SCREWS @ 12" O.C.

P5

WOOD 2x6 STUD - NON-RATED PARTITION - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 2x6 WOOD STUDS SPACED 16" O.C.
- 5 1/2" BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE "W" STEEL SCREWS @ 12" O.C.

P7

WOOD 2x4 STUD - NON-RATED FURRING - INTERIOR

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD ON OCCUPIED SIDE
- 2x4 WOOD STUDS SPACED 16" O.C.

NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE "W" STEEL SCREWS @ 12" O.C.

P8

WOOD 2x4 STUD - NON-RATED FURRING - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD ON OCCUPIED SIDE
- (1) LAYER OF 1/2" CELLULOSE FIBER WALL BD.
- 3 1/2" BATT INSULATION IN STUD CAVITY
- 2x4 WOOD STUDS SPACED 16" O.C.

NOTES:
a. ATTACH INNER LAYER PER MFR RECOMMENDATION.
b. ATTACH GYPSUM WITH 2-3/8" TYPE "W" STEEL SCREWS @ 8" O.C.

P8.1

WOOD 2x4 STUD - NON-RATED FURRING - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD ON OCCUPIED SIDE
- (1) LAYER OF 1/2" CELLULOSE FIBER WALL BD.
- 2x4 WOOD STUDS SPACED 16" O.C.

NOTES:
a. ATTACH INNER LAYER PER MFR RECOMMENDATION.
b. ATTACH GYPSUM WITH 2-3/8" TYPE "W" STEEL SCREWS @ 8" O.C.

INTERIOR PARTITION ASSEMBLIES WOOD - 1 HR RATED

P10

WOOD 2x4 STUD - 1HR PARTITION - INTERIOR

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 2x4 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 3-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (SEPT 19, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS

P11

WOOD 2x6 STUD - 1HR PARTITION - INTERIOR

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 2x6 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 5-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (SEPT 19, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS

P12

WOOD 2x4 STUD - 1HR PARTITION - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 25 MSG GALVANIZED STEEL RESILIENT CHANNEL, 24" O.C.
- 2x4 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 3-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (JAN 14, 2020)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. STC SHALL BE 50 OR OVER AT UNIT ASSEMBLIES, MEETING ASTM E90 (STC 51 BASED UPON TESTING NGC 2011071)
d. WHERE PARTITION DIVIDES A CORRIDOR AND UNIT, RESILIENT CHANNEL SHALL BE ON CORRIDOR SIDE OF WALL. GC TO COORDINATE
e. WHERE PARTITION IS USED AS A DEMISING WALL AND/OR FOR STRUCTURAL SHEAR, GC TO COORDINATE ADDITIONAL LAYERS OF STRUCTURAL MATERIAL PER STRUCTURAL DRAWINGS. THESE LAYERS TO BE ADDITIVE TO THE ASSEMBLY LISTED ABOVE AND SHALL BE INCORPORATED PER UL 263. WHERE ONLY ONE LAYER IS ADDED FOR STRUCTURAL SHEAR, THIS SHALL BE PLACED ON SIDE OF WALL WHERE ONLY GYPSUM BOARD RESIDES, NOT ON RESILIENT CHANNEL SIDE.

P13

WOOD 2x6 STUD - 1HR PARTITION - INTERIOR SOUND DAMPENING

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 25 MSG GALVANIZED STEEL RESILIENT CHANNEL, 24" O.C.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 5-1/2" FRICTION FIT UNFACED BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (SEPT 19, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. STC SHALL BE 50 OR OVER AT UNIT ASSEMBLIES, MEETING ASTM E90 (STC 51 BASED UPON TESTING NGC 2011071)
d. WHERE PARTITION DIVIDES A CORRIDOR AND UNIT, RESILIENT CHANNEL SHALL BE ON CORRIDOR SIDE OF WALL. GC TO COORDINATE
e. WHERE PARTITION IS USED AS A DEMISING WALL AND/OR FOR STRUCTURAL SHEAR, GC TO COORDINATE ADDITIONAL LAYERS OF STRUCTURAL MATERIAL PER STRUCTURAL DRAWINGS. THESE LAYERS TO BE ADDITIVE TO THE ASSEMBLY LISTED ABOVE AND SHALL BE INCORPORATED PER UL 263. WHERE ONLY ONE LAYER IS ADDED FOR STRUCTURAL SHEAR, THIS SHALL BE PLACED ON SIDE OF WALL WHERE ONLY GYPSUM BOARD RESIDES, NOT ON RESILIENT CHANNEL SIDE.

CORRIDOR
UNIT
VERIFY IF WALL SHEATHING FOR SHEAR W/ STRUCT DWGS. IS REQUIRED. SHEATHING SHALL ATTACH DIRECTLY TO STUDS PER STRUCT.

P14

WOOD DOUBLE 2x4 STUD - 1HR PARTITION - INTERIOR

- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- 25 MSG GALVANIZED STEEL 1/2" RESILIENT CHANNEL, 24" O.C.
- 2x4 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 3 1/2" FRICTION FIT BATT INSULATION IN STUD CAVITY
- 1" AIR GAP
- 2x4 WOOD STUDS SPACED 16" O.C. MAX. OR PER STRUCT. DWGS.
- 3 1/2" FRICTION FIT BATT INSULATION IN STUD CAVITY
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

NOTES:
a. ASSEMBLY TO COMPLY WITH UL U341 (AUG 4, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS
c. PROVIDE 1/2" GYP BOARD DRAFT STOP AT MAX 10' O.C.
d. STC SHALL BE 50 OR OVER AT UNIT ASSEMBLIES, MEETING ASTM E90 (STC 61 BASED UPON TESTING TL11-120)

SEE OVERALL BLDG PLANS AND UNIT PLANS FOR RC LOCATION

1/2" GYP DRAFT STOP @ MAX 10' O.C. (RE: IBC 718.3 FOR LOCATION REQ'S)

PRINTS ISSUED
01/25/2024 - CITY SUBMITTAL

REVISIONS:
1 10/21/24 ADDENDUM #1
3 12/20/24 ADDENDUM #3
6 03/14/25 ASI 4.2
9 03/20/26 CHANGES TO APPROVED PLANS

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ARCHITECTURE
INTERIOR DESIGN
ENGINEERING
PLANNING

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GENEV & KANSAS CITY & ST. LOUIS & ATLANTA



THE VILLAGE AT DISCOVERY -
LOT 4
LEES SUMMIT, MO

SHEET TITLE
PARTITION ASSEMBLIES - WALLS

PROJECT NUMBER: 23099

SHEET NUMBER:

G-101

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Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. **U301**

May 09, 2025

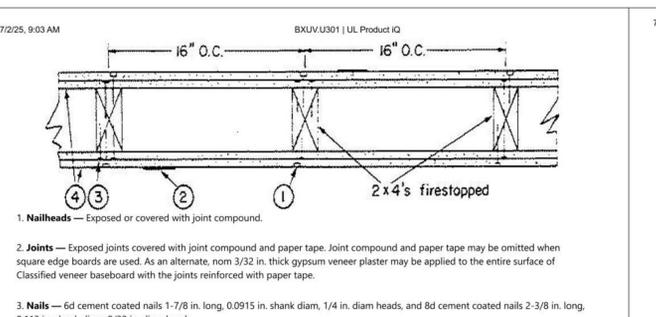
Bearing Wall Rating — 2 Hr.

Finish Rating — 66 Min.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Types C, PG-2, PG-3, PG-3W, PG-4, PG-5, PG-5W, PG-6, PG-11, PG-C, PGS-WRS, PGI

PANEL REY S A — Types PRC, PRC2, PRX, RHX, MDX, ETX, GREX, GRX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type C or Type X

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

USG BORAL DRYWALL SFZ LLC — Types C, SCX, USGX

USG MEXICO S A DE C V — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

4A. Gypsum Board* — (As an alternate to Item 4) — Nom 3/4 in. thick, installed as described in Item 4.
CGC INC — Types AR, IP-AR

UNITED STATES GYPSUM CO — Types AR, IP-AR

USG MEXICO S A DE C V — Types AR, IP-AR

4B. Gypsum Board* — (As an alternate to Items 4 and 4A) — 5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 4. Joint covering (Item 2) not required.
CGC INC — Type SHX

UNITED STATES GYPSUM CO — Type SHX

USG MEXICO S A DE C V — Type SHX

4C. Gypsum Board* — (As an alternate to Items 4, 4A or 4B — Not Shown) — For Direct Application to Studs Only- For use on one or both sides of the wall as the base layer or one or both sides of the wall as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, F4, one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead disc compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.
RAY-BAR ENGINEERING CORP — Type RB-LBG

4C. Gypsum Board* — (As an alternate to Items 4, 4A or 4B — Not Shown) — For Direct Application to Studs Only- For use on one or both sides of the wall as the base layer or one or both sides of the wall as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, F4, one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead disc compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.
RAY-BAR ENGINEERING CORP — Type RB-LBG

4D. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick, two layers applied either horizontally or vertically. Inner layer fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. Outer layers fastened to framing with 1-7/8 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths other than 48 in., gypsum board to be installed horizontally. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.
AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, AGX-11, LightRoc

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CABOT MANUFACTURING ULC — Type X, 5/8 Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant AR Type X, Type BlueGlass Exterior Sheathing, 5/8 in. Type C.

CERTAINTEEED GYPSUM INC — Types EGRG, GlasRoc, GlasRoc-2, Type C, Type X-1, Type LWTX

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

CERTAINTEEED GYPSUM INC — Types LGFC2A, LGFC6A, LGFC-C/A, LGFC-WD, LGLXL, CLXX

GEORGIA-PACIFIC GYPSUM L L C — Types 5, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS6, LS, TG-C, Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X, Soffit-Type X, GreenGlass Type X, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type-DGLW, Soffit-Type DGLW, Type LWXZ, Veneer Plaster Base-Type LWXZ, Water Rated-Type LWXZ, Sheathing-Type LWXZ, Soffit-Type LWXZ, Type DGLZW, Water Rated-Type DGLZW, Sheathing-Type DGLZW

NATIONAL GYPSUM CO — Types eXP-C, FSX, FSX-C, FSX-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSW-C, FSW-G, FSMR-C, FSL, RSX, FSX

NATIONAL GYPSUM CO — Riyadh, Saudi Arabia — Type FR, or WR.

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PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Types C, PG-2, PG-3, PG-3W, PG-4, PG-5, PG-5W, PG-6, PG-11, PG-C, PGS-WRS, PGI

PANEL REY S A — Types PRC, PRC2, PRX, RHX, MDX, ETX, GREX, GRX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type C or Type X

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

USG BORAL DRYWALL SFZ LLC — Types C, SCX, USGX

USG MEXICO S A DE C V — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

4A. Gypsum Board* — (As an alternate to Item 4) — Nom 3/4 in. thick, installed as described in Item 4.
CGC INC — Types AR, IP-AR

UNITED STATES GYPSUM CO — Types AR, IP-AR

USG MEXICO S A DE C V — Types AR, IP-AR

4B. Gypsum Board* — (As an alternate to Items 4 and 4A) — 5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 4. Joint covering (Item 2) not required.
CGC INC — Type SHX

UNITED STATES GYPSUM CO — Type SHX

USG MEXICO S A DE C V — Type SHX

4C. Gypsum Board* — (As an alternate to Items 4, 4A or 4B — Not Shown) — For Direct Application to Studs Only- For use on one or both sides of the wall as the base layer or one or both sides of the wall as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, F4, one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead disc compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.
RAY-BAR ENGINEERING CORP — Type RB-LBG

4C. Gypsum Board* — (As an alternate to Items 4, 4A or 4B — Not Shown) — For Direct Application to Studs Only- For use on one or both sides of the wall as the base layer or one or both sides of the wall as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, max 5/16 in. diam by max 0.140 in. thick. compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.
MAYCO INDUSTRIES INC — "X-Ray Shielded Gypsum"

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4D. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick applied either horizontally or vertically. Inner layers fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. Outer layers fastened to framing with 1-7/8 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths other than 48 in., gypsum board to be installed horizontally. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.
AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, LightRoc

4E. Gypsum Board* — (As an alternate to Items 4 through 4D) — 5/8 in. thick, 4 ft. wide, paper surfaced applied vertically and secured as described in Item 4.
GEORGIA-PACIFIC GYPSUM L L C — Type X ComfortGuard Sound Deadening Gypsum Board

4F. Gypsum Board* — (As an alternate to Item 4) — Not to be used with Item 6, 6A, 6B or 6C. 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically and secured as described in Item 4.
NATIONAL GYPSUM CO — Type SBWB

4G. Gypsum Board* — (As an alternate to Items 4 through 4F) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.
PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Types QuietRock ES

4H. Gypsum Board* — (As an alternate to Item 4) — Not to be used with Item 6, 6A, 6B, or 6C. 5/8 in. thick, 4 ft. wide, paper surfaced, applied vertically or horizontally and secured as described in Item 4.
CERTAINTEEED GYPSUM INC — Type SilentFX

4I. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick, two layers applied either horizontally or vertically. Inner layer attached to studs with 1-1/4 in. long Type W steel screws spaced 8 in. OC. Outer layer attached to studs over inner layer with 2 in. long Type W steel screws spaced 8 in. OC offset 6 in. from base layer. Vertical joints located over studs. Vertical and horizontal joints between inner and outer layers staggered. Outer layer joints covered with joint tape and compound, screwheads covered with joint compound. As an alternate to the joint compound nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Wallboard other than 48 in. wide must be applied horizontally. The SoundBreak XP Type X Gypsum Board is not to be used with Item 6, 6A, 6B, or 6C.
NATIONAL GYPSUM CO — Types eXP-C, FSX, FSX-C, FSX-G, FSW, FSW-3, FSW-5, FSW-6, FSW-C, FSW-G, FSMR-C, SBWB

4I. Gypsum Board* — (As an alternate to Items 4) — For Direct Application to Studs Only- For use as the base layer or as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 10 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, max 5/16 in. diam by max 0.140 in. thick. compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.
MAYCO INDUSTRIES INC — "X-Ray Shielded Gypsum"

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4K. Gypsum Board* — For use with Item 7 — 5/8 in. thick, two layers applied vertically. Inner layer attached to resilient channels with 1 in. long steel screws spaced 8 in. OC. Outer layer attached to resilient channels over inner layer with 1-5/8 in. long steel screws spaced 8 in. OC. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side. Insulation, Items 8 or 9 is required.
AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, AGX-11

NATIONAL GYPSUM CO — Types eXP-C, FSX, FSX-C, FSX-G, FSW, FSW-3, FSW-5, FSW-6, FSW-C, FSW-G, FSMR-C, SBWB

CERTAINTEEED GYPSUM INC — Types EGRG, GlasRoc, GlasRoc-2, Type C, Type X-1, Easi-Lite Type X, SilentFX

4L. Gypsum Board* — (As an alternate to Items 4) — For Direct Application to Studs Only- For use as the base layer or as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.
RADIATION PROTECTION PRODUCTS INC — Type RPP — Lead Lined Drywall

4M. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick, 4 ft. wide, two layers applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 4.
CERTAINTEEED GYPSUM INC — 5/8" Easi-Lite Type X

4N. Gypsum Board* — (As an alternate to 5/8 in. Type FSW in Items 4 or 4I) — Nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Two layers of 5/16 in. for every single layer of 5/8 in. gypsum board described in Item 4 or 4I. Horizontal joints on the same side need not be staggered. Inner layer of each double 5/16 in. layer attached with fasteners, as described in item 4 or 4I, spaced 24 in. OC. Outer layer of each double 5/16 in. layer attached per Item 4 or 4I.
NATIONAL GYPSUM CO — Type FSW

4O. Wall and Partition Facings and Accessories* — (As an alternate to Items 4 through 4N) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.
PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Type QuietRock S27

4P. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick, two layers applied either horizontally or vertically. Inner layer attached to studs with 1-1/4 in. long Type W steel screws spaced 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. Outer layer attached to studs over inner layer with 1-7/8 in. long Type W steel screws spaced 10 in. OC offset 5 in. from base layer with the last two screws 4 and 1 in. from the edges of the board. Vertical joints located over studs. Vertical and horizontal joints between inner and outer layers staggered. Outer layer joints covered with joint tape and compound, screwheads covered with joint compound. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
CERTAINTEEED GYPSUM INC — Type LGFC6A, Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLXL

4Q. Gypsum Board* — (As an alternate to Item 4. For use with Item 13) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board UL Classified for Fire Resistance (CKNX) eligible for use in Design Nos. U305 and L501 or G512. Two layers, applied either horizontally or vertically, and screwed to studs with 1-5/8 in. long Type W coarse thread steel screws at 8 in. OC at perimeter and in the field with the last two

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screws 4 and 3/4 in. from the edges of the board when applied as the base layer. For the face layer, screw length to be increased to 2-1/2 in. All joints in face layers staggered with joints in base layers. When used in widths other than 48 in. gypsum panels are to be installed horizontally.

4R. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick applied either horizontally or vertically. Inner layers fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. Outer layers fastened to framing with 1-7/8 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths other than 48 in., gypsum board to be installed horizontally. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.
CERTAINTEEED GYPSUM INC — Types EGRG, GlasRoc, GlasRoc-2, Type C, Type X-1, Easi-Lite Type X, SilentFX

4S. Gypsum Board* — (As an alternate to Item 4. For use with Item 13A) — 5/8 in. thick, two layers applied vertically. Inner layer attached to studs with the 1-7/8 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC. Outer layer attached to studs over inner layer with the 2-3/8 in. long nails spaced 8 in. OC. Vertical joints located over studs. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.
AMERICAN GYPSUM CO — Types AGX-1

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CABOT MANUFACTURING ULC — "5/8 Type X"

CGC INC — Type SCX

PANEL REY S A — Type PRX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type X

UNITED STATES GYPSUM CO — Type SCX

USG BORAL DRYWALL SFZ LLC — Types SCX

USG MEXICO S A DE C V — Type SCX

4T. Gypsum Board* — (As an alternate to Item 4. For use with Item 13B) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 4 above. Two layers applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. All joints in outer layers staggered with joints in inner layers. Inner layer attached to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Outer layer attached to studs over inner layer with the 2-1/2 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC.

4U. Gypsum Board* — (As an alternate to Item 4. For use with Item 13C) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 4 above. Two layers applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. All joints in outer layers staggered with joints in inner layers. Inner layer attached to studs with 1-1/4 in. long Type W screws spaced 8 in. OC at perimeter and in the field. Outer layer attached to studs over inner layer with 1-7/8 in. long Type W screws spaced 8 in. OC.

4V. Gypsum Board* — (As an alternate to Item 4. For use with Item 13D) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 4 above. Three layers applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. All joints in outer layers staggered with joints in inner layers. Inner layer attached to studs with 1-1/4 in. long Type W screws spaced 8

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in. OC at perimeter and in the field. Middle layer attached to studs over inner layer with 1-7/8 in. long Type W screws spaced 8 in. OC. Outer layer attached to studs over middle layer with 2-5/8 in. long Type W screws spaced 8 in. OC.

5. Molded Plastic* — Not Shown, Optional — Solid vinyl siding mechanically secured over the outer layer to framing members in accordance with manufacturer's recommended installation details.
ALSID, DIV OF ASSOCIATED MATERIALS INC
GENTER BUILDING PRODUCTS LTD
VYTEC CORP

6. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:
A. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Wallboard attached to furring channels as described in Item 4.

B. Steel Framing Members* — Used to attach furring channels (Item 6a) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

6A. Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
A. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

B. Steel Framing Members* — Used to attach furring channels (Item 6Aa) to studs. Clips spaced 48 in. OC, and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips.
STUDDO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

6B. Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
A. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 6Bb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

B. Steel Framing Members* — Used to attach furring channels (Item 6Ba) to studs. Clips spaced 48 in. OC, and secured to studs with 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

6C. Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 6) — Resilient channels and Steel Framing Members as described below:
A. Resilient Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Phillips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 4.

b. Steel Framing Members* — Used to attach resilient channels (Item 6Ca) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in.

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pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

6D. Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 6) — Used as an alternate method to attach resilient channels to wall studs. A resilient sound isolation accessory shall be used at each attachment point of the resilient channels and spaced max 24 in. O.C. Channel ends butted and centered under the structural members and attached with one accessory at each end. Additional accessories used to hold resilient channels that support the gypsum board end joints. The accessory envelops the mounting edge of the resilient channel. The accessory and resilient channel are fastened to the structural members with the screws supplied with the accessory and per the accessory manufacturer's installation instructions.
PAC INTERNATIONAL L L C — Type RC-1 Boost

6E. Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing Members as described below:
A. Furring Channels — Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 4.

b. Steel Framing Members* — Used to attach furring channels (Item 6Ea) to studs. Clips spaced maximum 48 in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.

CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

7. Furring Channel — Optional — Not Shown — For use on one side of the wall with Item 4K — Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Item 8 or 9 is required.

8. Batts and Blankets* — Required for use with resilient channels, Item 7, min. 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the nom 4 in. face of the studs with staples placed 24 in. OC.
ROCKWOOL — Type SAFESOUND, min. 1.8 pcf.

THERMAFIBER/OWENS CORNING — Type SAFB, SAFB FF

9. Batts and Blankets* — (As an alternate to Item 8) — Min. 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, friction-fitted to fill the stud cavities. See Batts and Blankets (BKNV or BZIZ) Categories for names of Classified companies.

9A. Fiber, Sprayed* — (Optional) — As an alternate to Batts and Blankets (Item 8). Required for use with resilient channels, Item 7. Not for use with Item 6, 6A, 6B, or 6C. — Spray applied mineral wool insulation. The fiber is applied with adhesive, at a minimum density of 4.0 pcf, to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCA2).
AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

10. Wall and Partition Facings and Accessories* — (Optional, Not Shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board (layers) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener

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THE VILLAGE AT DISCOVERY - LOT 4

LEE'S SUMMIT, MO

SHEET TITLE
UL ASSEMBLIES - U301

PROJECT NUMBER: 23099

SHEET NUMBER:
G-214

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length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 or QR-510

11. **Cementitious Backer Units*** — (Optional Item Not Shown — For Use On Face Of 2 Hr Systems With All Standard Items Required) — 7/16 in., 1/2 in., 5/8 in., 3/4 in. or 1 in. thick, min. 32 in. wide. Applied horizontally or vertically with vertical joints centered over studs. Face layer fastened over gypsum board to studs and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. for steel framing members, and a minimum of 3/4 in. for wood framing members spaced a max of 8 in. OC.

NATIONAL GYPSUM CO — Type DuraBacker, PermaBase, DuraBacker Plus, or PermaBase Plus

12. **Wall and Partition Facings and Accessories*** — (Optional, Not Shown) - When the Wall Assembly is used as an External Wall, on the External side of the wall one of the following Wall and Partition and Facing Accessories may be used, refer to Items (A) to (C) below.

A. **Non Insulated system with metal channels** — Install moisture barrier over the Gypsum Board Item 4 and Install Acry Metal Channels vertically at a horizontal spacing not greater than 24 inches OC, over the moisture barrier. Acry Metal Channels attached through the moisture barrier and the Gypsum Board to the Wood Studs using fasteners specified by the manufacturer and fasteners spaced max. 24 in. OC. Install Acrytec Panels on Acry Metal Channels using 1-1/4" long corrosion coated stainless steel screws spaced at a max spacing of 24 inches OC, along with manufacturer's approved adhesive (3M 540 or Tremco Vulcum 116). Adhesive to be applied in a zigzag pattern along every channel. Joint treatment in between panels shall be Tremco illmod 600 pre compressed polyurethane foam sealant.

B. **Insulated system with metal channels** — Install moisture barrier over the Gypsum Board Item 4. Install galvanized Z girt channels specified by the manufacturer over the moisture barrier and the Gypsum Board Item 4. Z girt channels to be installed horizontally at a max. spacing of 24" OC. Z girt channels attached through the Gypsum Board and the moisture barrier to the wood studs with screws provided by the manufacturer at a max spacing of 24 inches OC. Install mineral wool insulation between the Z girts. Maximum thickness of mineral wool insulation not to exceed 6 in. As per manufacturer's instructions install Acry Metal Channels vertically over the Z girts at a max horizontal spacing of 24 in. OC. Acrytec Panels installed on Acry channel with 1-1/4" long corrosion coated stainless steel screws at a max spacing of 24 in. OC. along with manufacturers approved adhesive (3M 540 or Tremco Vulcum 116). Adhesive to be applied in a zigzag pattern along every channel. Joint treatment in between panels to be Tremco illmod 600 pre compressed polyurethane foam sealant.

C. **Non insulated wood strapping system** — Install moisture barrier over the Gypsum Board Item 4 and Install 1" x 3" wood strapping vertically at a horizontal spacing not greater than 24 inches OC, over the moisture barrier. 1" x 3" wood strapping attached through the moisture barrier and the Gypsum Board to the Wood studs using fasteners specified by the manufacturer and fasteners spaced max. 24 in. OC. Acrytec Panels to be installed on the 1" x 3" wood strapping using manufacturers approved stainless steel fasteners spaced at maximum 24 inches OC along with Tremco Vulcum 116 adhesive applied in a zigzag pattern along every wood strap. Joint treatment in between panels to be Tremco illmod 600 pre compressed polyurethane foam sealant.

D. **Insulated Wood Strapping System** — Install moisture barrier over the Gypsum Board Item 4. Install Extruded Polystyrene insulation over moisture barrier and the Gypsum Board Item 4. max thickness of insulation not to exceed 4 inches. Install 1" x 3" wood strapping vertically at a horizontal spacing not greater than 24 inches OC. Wood strapping attached through the insulation, the Gypsum Board and moisture barrier to the Wood Studs using fasteners specified by the manufacturer and fasteners spaced max. 24 in. OC. Acrytec Panels to be installed over the wood strapping using manufacturers approved stainless steel fasteners at a max spacing of 24 in. OC and Tremco Vulcum 116 adhesive applied in a zigzag pattern along every wood strap. Joint treatment in between panels to be Tremco illmod 600 pre compressed polyurethane foam sealant.

ACRYTEC PANEL INDUSTRIES — Nominal 5/8 inch thick Acrytec Panel.

13. **Foamed Plastic*** — (Optional, Not Shown - For use with Item 4Q) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.

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Holcim Solutions and Products US, LLC — Nessel™ 2.0 or Nessel™ 2.0 LE Spray Foam and Sucraseal Spray Foam. For use in Bearing and Non-Load Bearing Walls.

13A. **Foamed Plastic*** — (Optional, Not Shown - For use with Item 4S) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.

HOLCIM SOLUTIONS AND PRODUCTS US, LLC — Types GacoZSpray F4500, GacoProFill FR6500R, Gaco OS2N, GacoOnePass F1850, GacoOnePass Low GWP F1880, and Gaco WallFoam 183M.

13B. **Foamed Plastic*** — (Optional, Not Shown - For use with Item 4T) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.

CARLISLE SPRAY FOAM INSULATION — Types SealTite ONE, SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCK, SealTite Pro No Trim 21, SealTite Pro One Zero, Foamsulate Closed Cell, Foamsulate OCK, Foamsulate 70, and Foamsulate HFO.

13C. **Foamed Plastic*** - (Optional, Not Shown - For use with Item 4U) - Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.

BASF CORP — Types EnerLite® NM, EnerLite® G, FE178®, Spraytite® 178, Spraytite® 81206, Walltite® 200, Walltite® US, Walltite® US-N, Walltite® HP+, Spraytite® Comfort XL, Walltite® XL, Walltite® MAX, Walltite® LWP, Walltite® Plus and EnerLite® Max

13D. **Foamed Plastic*** - (Optional, Not Shown - For use with Item 4V) - Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity.

BASF CORP — Type Walltite® v.5

14. **Foamed Plastic*** — (Optional, Not Shown - For use over Gypsum Board, Item 4) - Polyisocyanurate foamed plastic boards, any thickness applied vertically with vertical joints located over studs. May be used with Molded Plastic, Item 5 or any exterior facing, as authorized by the Authority Having Jurisdiction and installed in accordance with the manufacturer's installation instructions.

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — "Xci Class A"; "Xci 286"; "Xci Foil (Class A)"; "Xci CG"; "Xci Foil"; "Xci CG NH"; "Xci Foil NH"

ATLAS ROOFING CORP — "EnergyShield®"; "EnergyShield® CGF"; "EnergyShield® XR"; "EnergyShield® Pro Wall Insulation"; "EnergyShield® CGF Pro"; "EnergyShield® Ply Pro"

15. **Building Units*** — (Optional, Not Shown - For use over Gypsum Board, Item 4) Polyisocyanurate composite foamed plastic boards, any thickness, applied vertically with vertical joints located over studs. May be used with Molded Plastic, Item 5 or any exterior facing, as authorized by the Authority Having Jurisdiction and installed in accordance with the manufacturer's installation instructions.

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — "Xci NB"; "Xci Ply"

ATLAS ROOFING CORP — "EnergyShield® Ply"

16. **Building Units** - (Optional Item Not Shown - For use over Gypsum Board, Item 4) 1 in., 2 in. or 3 in. thick, 4 ft. wide - Applied vertically or horizontally with vertical joints centered over studs. Fastened to studs and runners with wafer head screws of adequate length to penetrate framing by a minimum of of ¼ in., spaced a max 8 in. o.c.

NATIONAL GYPSUM CO - Type PBCI

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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THE VILLAGE AT DISCOVERY -
LOT 4
LEE'S SUMMIT, MO

SHEET TITLE
UL ASSEMBLIES - U301 CONT.

PROJECT NUMBER: 23099

SHEET NUMBER:

G-215

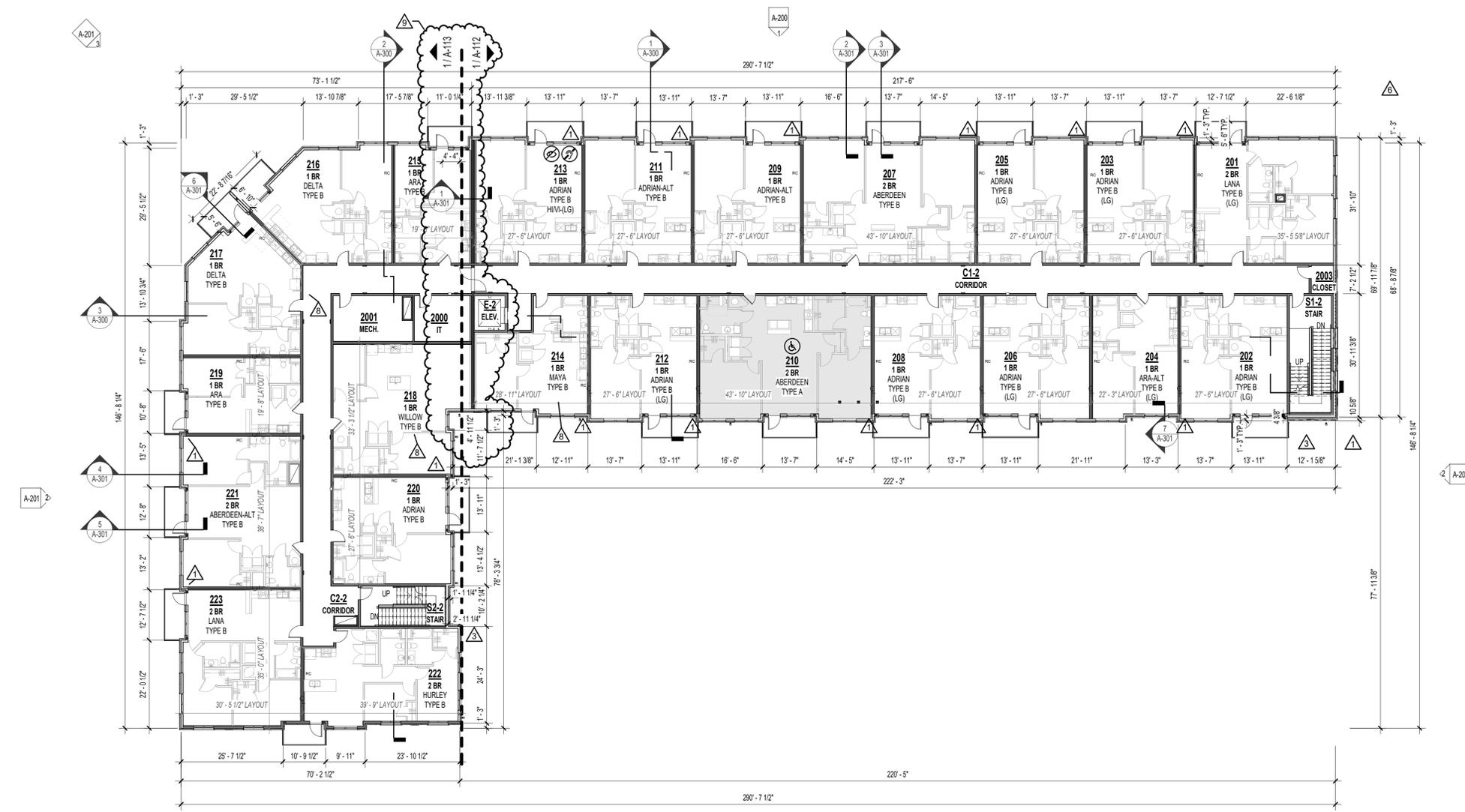
REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-101 FOR PLAN LEGEND

UNITS - SHEET REFERENCE	
NAME	SHEET NO.
ABERDEEN "A"	A-400
ABERDEEN - ALT	A-401
ADRIAN	A-402
ADRIAN "B"	A-403
MAYA	A-404
ARA - ALT	A-405
ARA	A-406
WILLOW	A-407
DELTA	A-408
HURLEY	A-409
LANA	A-410

PRINTS ISSUED
01/25/2024 - CITY SUBMITTAL

REVISIONS:
1 10/21/24 ADDENDUM #1
3 12/20/24 ADDENDUM #3
6 03/14/25 ASI 4.2
8 02/20/26 ASI 4.4 CHANGES TO APPROVED PLANS
9 03/20/26 CHANGES TO APPROVED PLANS

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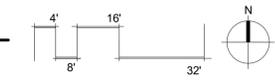


THE VILLAGE AT DISCOVERY -
LOT 4
LEES SUMMIT, MO

SHEET TITLE
SECOND FLOOR PLAN
PROJECT NUMBER: 23099
SHEET NUMBER:

A-102

1 SECOND FLOOR PLAN
1/16" = 1'-0"



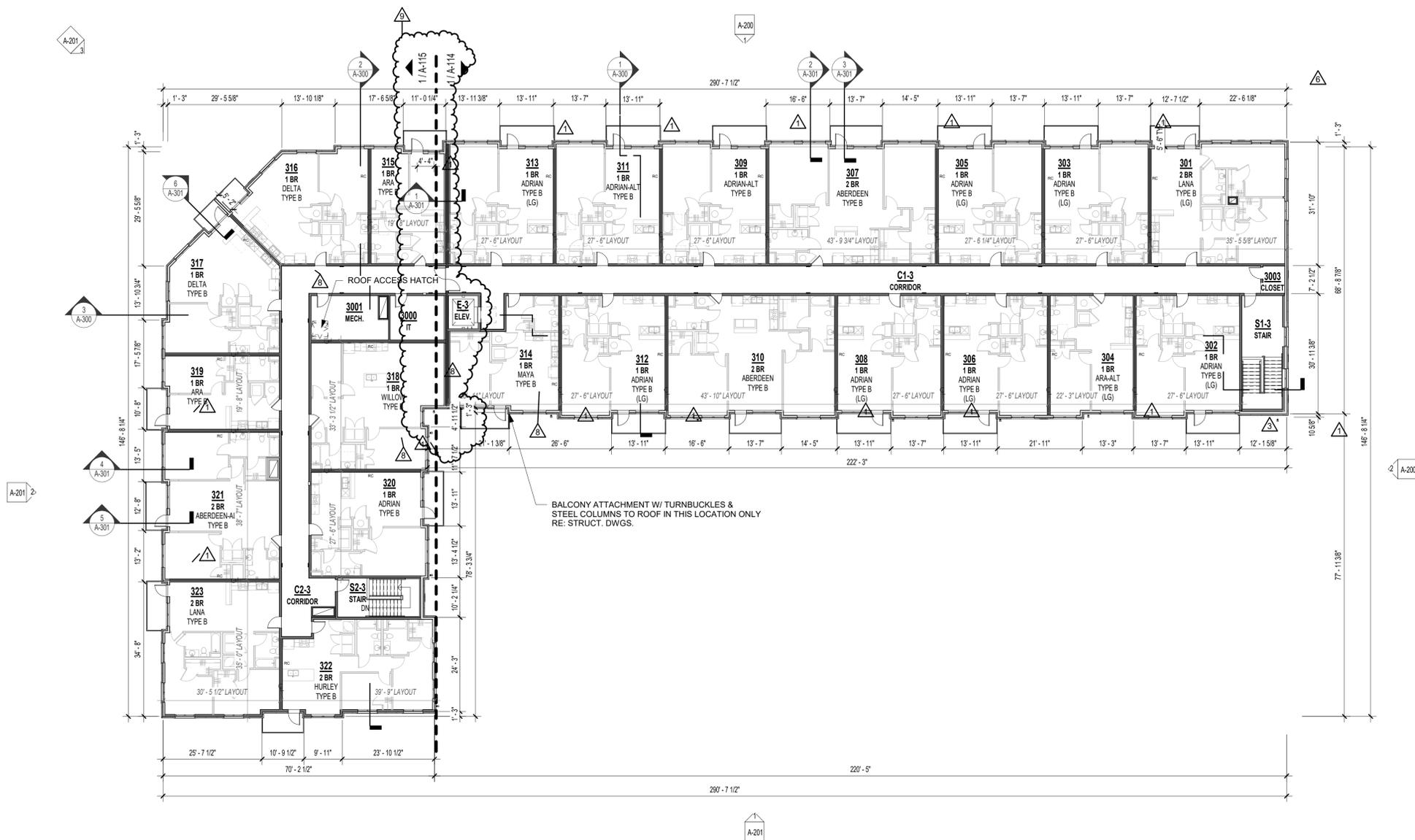
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REFERENCE G-003 FOR GENERAL NOTES
 REFERENCE A-101 FOR PLAN LEGEND
 REFERENCE A-102 FOR UNIT SHEET REFERENCE

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REVISIONS:
 1 10/21/24 ADDENDUM #1
 3 12/20/24 ADDENDUM #3
 6 03/14/25 ASI 4.2
 8 02/20/26 ASI 4.4 CHANGES TO APPROVED PLANS
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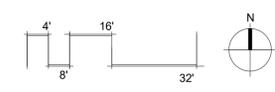


THE VILLAGE AT DISCOVERY -
 LOT 4
 LEE'S SUMMIT, MO

SHEET TITLE
 THIRD FLOOR PLAN
 PROJECT NUMBER: 23099
 SHEET NUMBER:

A-103

1 THIRD FLOOR PLAN
 1/16" = 1'-0"



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- REVISIONS:
- 1 10/21/24 ADDENDUM #1
 - 3 12/20/24 ADDENDUM #3
 - 6 03/14/25 ASI 4.2
 - 8 02/20/26 ASI 4.4 CHANGES TO APPROVED PLANS
 - 9 03/20/26 CHANGES TO APPROVED PLANS

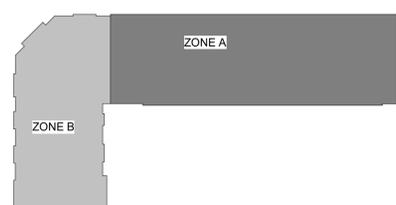
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1 SECOND FLOOR ENLARGED PLAN - ZONE A
1/8" = 1'-0"



THE VILLAGE AT DISCOVERY -
LOT 4
LEES SUMMIT, MO

SHEET TITLE
ENLARGED PLAN - 2ND FLOOR
ZONE A

PROJECT NUMBER: 23099

SHEET NUMBER:

A-112

3/19/2024 1:05:00 PM
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 1 10/21/24 ADDENDUM #1
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 8 02/20/26 ASI 4.4 CHANGES TO APPROVED PLANS
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**THE VILLAGE AT DISCOVERY -
 LOT 4**

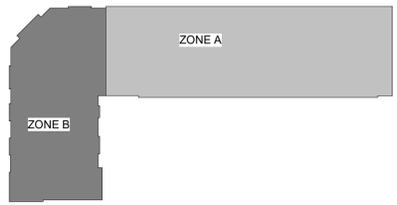
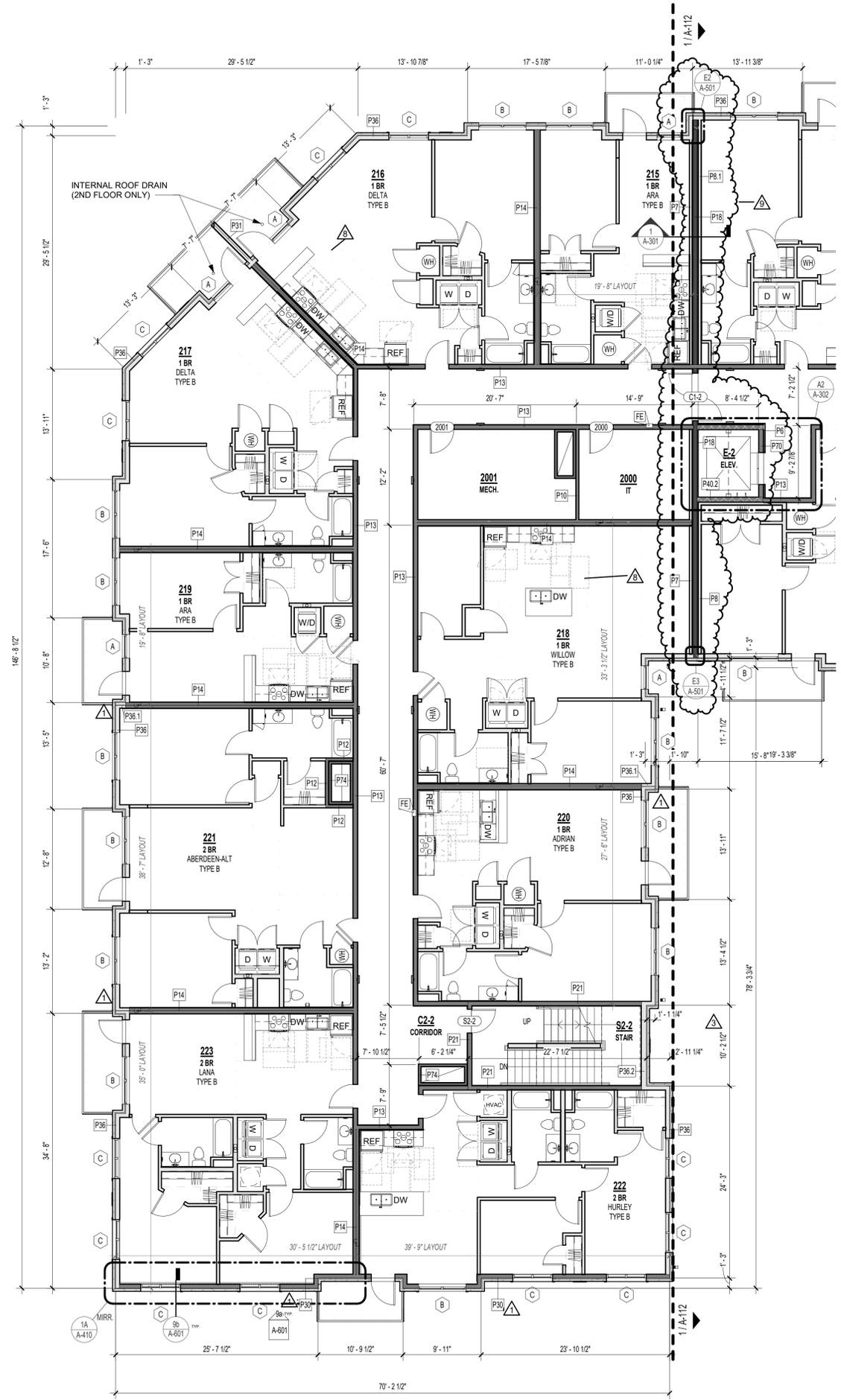
LEE'S SUMMIT, MO

SHEET TITLE
 ENLARGED PLAN - 2ND FLOOR
 ZONE B

PROJECT NUMBER: 23099

SHEET NUMBER:

A-113



1 SECOND FLOOR ENLARGED PLAN - ZONE B
 1/8" = 1'-0"

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 1 10/21/24 ADDENDUM #1
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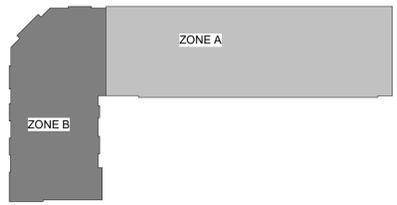
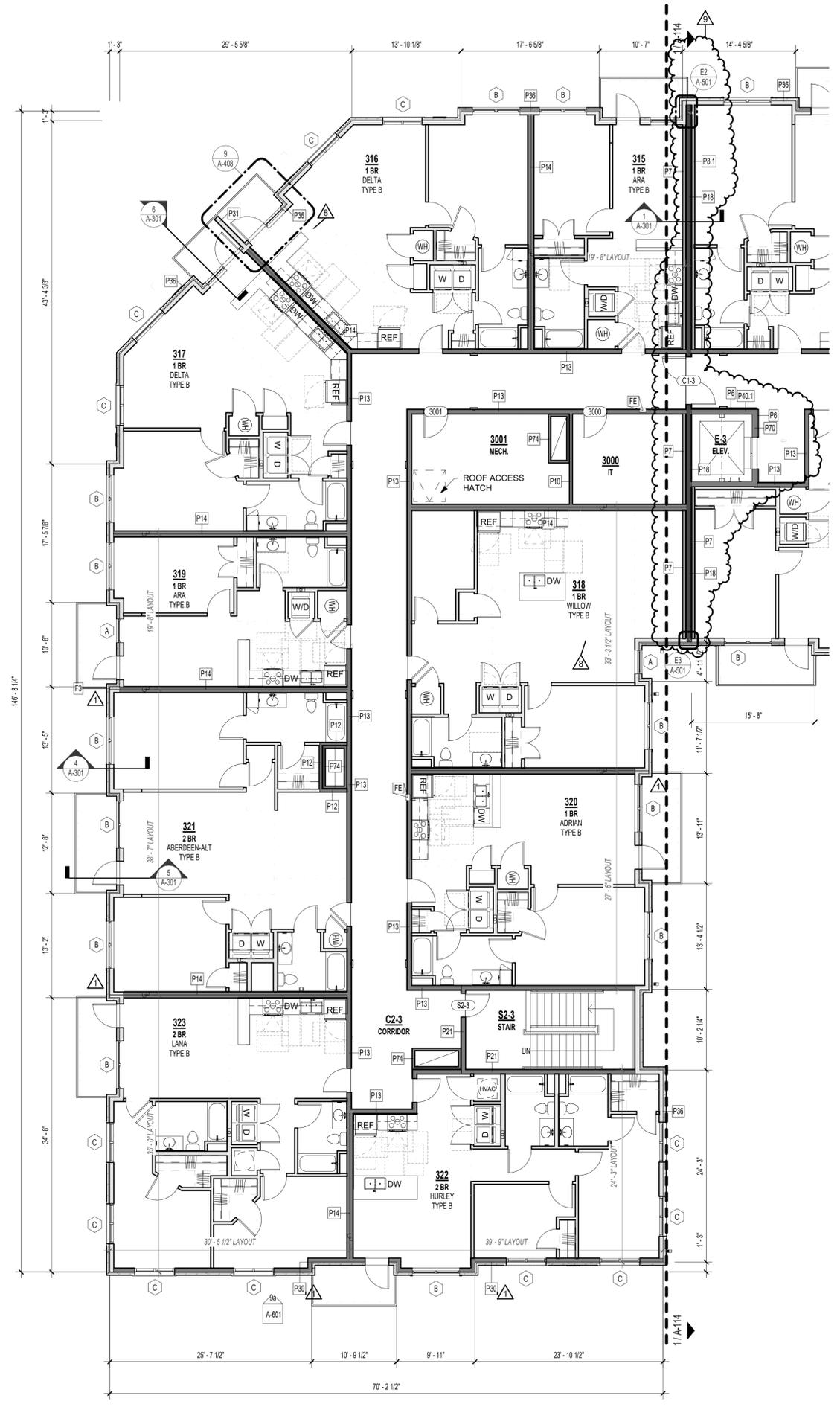
**THE VILLAGE AT DISCOVERY -
 LOT 4
 LEE'S SUMMIT, MO**

SHEET TITLE
 ENLARGED PLAN - 3RD FLOOR
 ZONE B

PROJECT NUMBER: 23099

SHEET NUMBER:

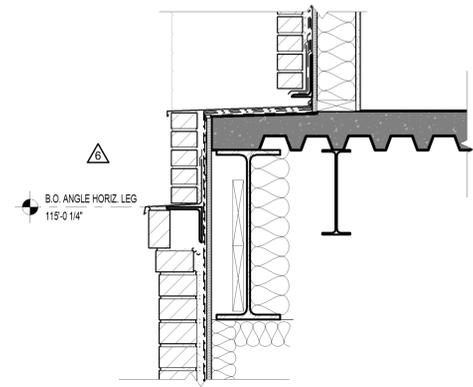
A-115



1 THIRD FLOOR ENLARGED PLAN - ZONE B
 1/8" = 1'-0"

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A-203

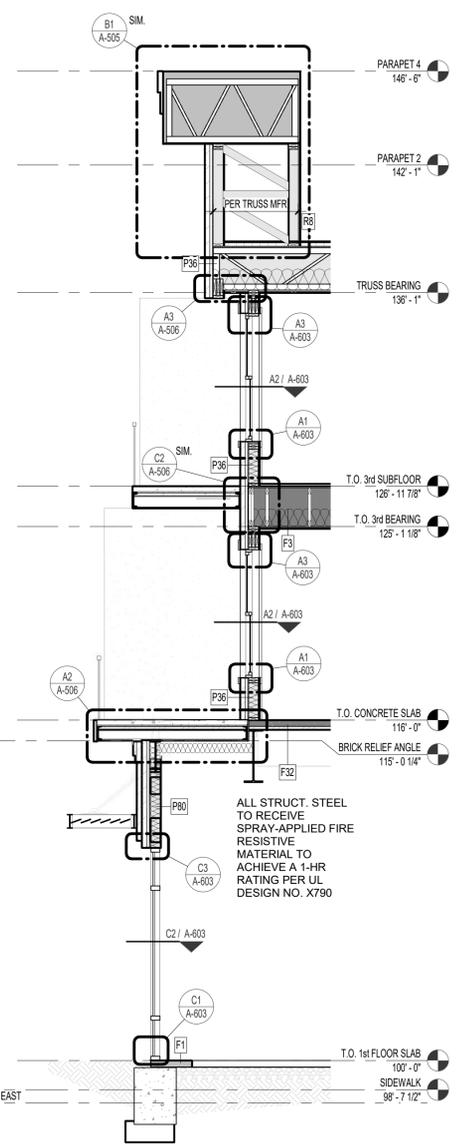


7 SECTION @ ARA-ALT
1/4" = 1'-0"

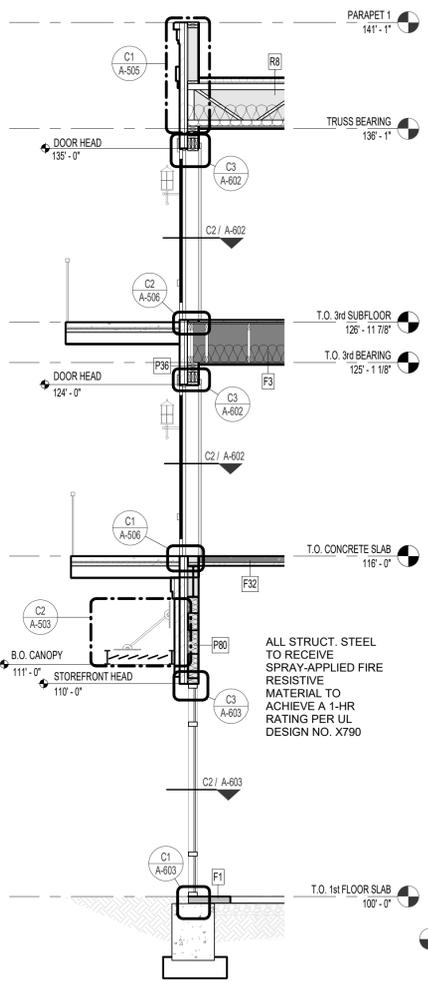
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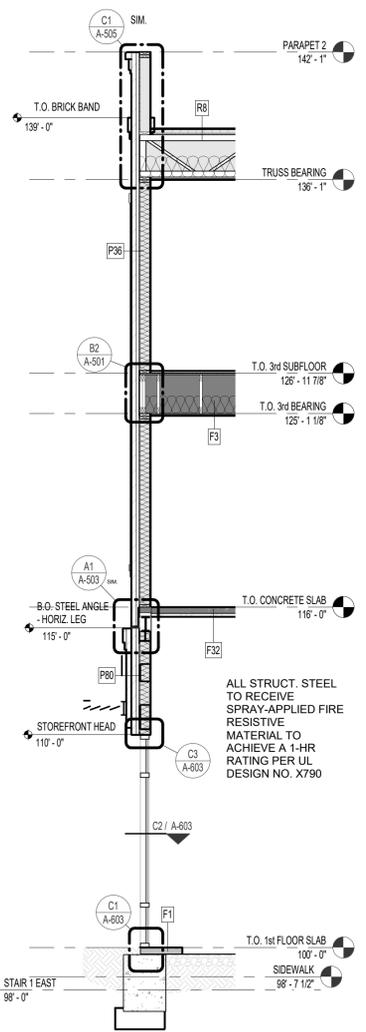
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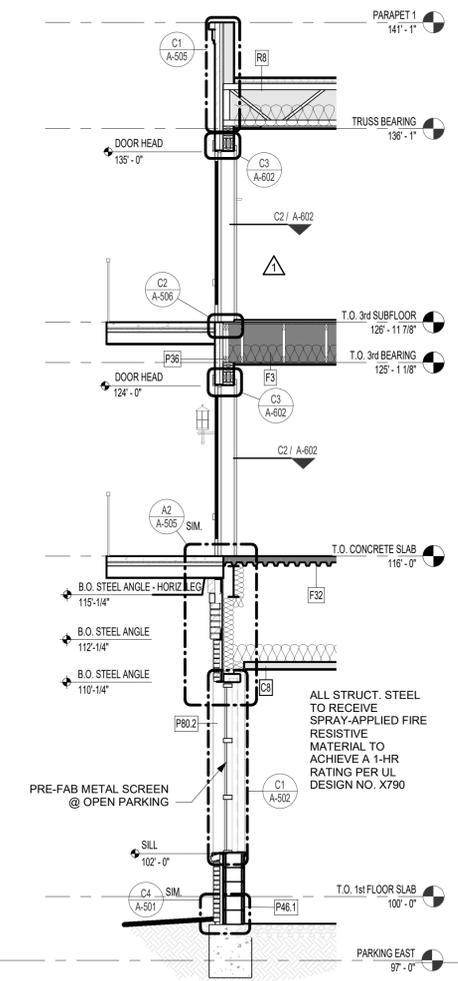
6 WALL SECTION @ CORNER
1/4" = 1'-0"



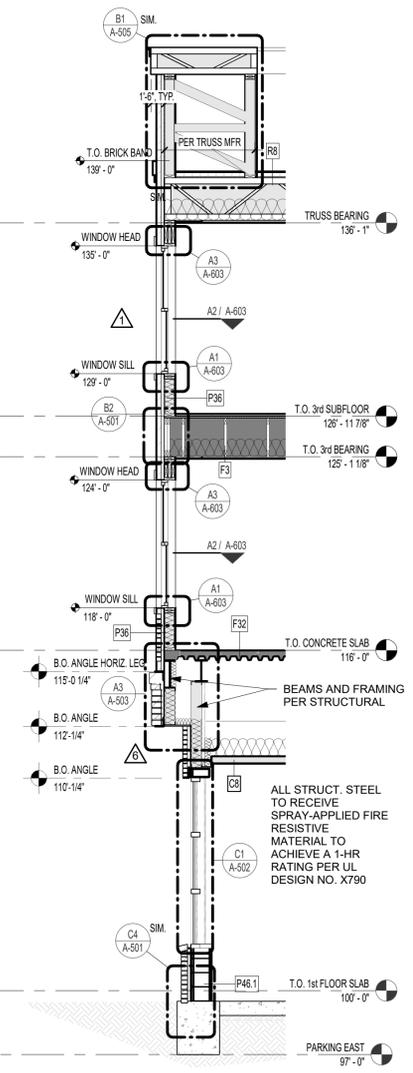
5 WALL SECTION @ COMMERCIAL @ BALCONY
1/4" = 1'-0"



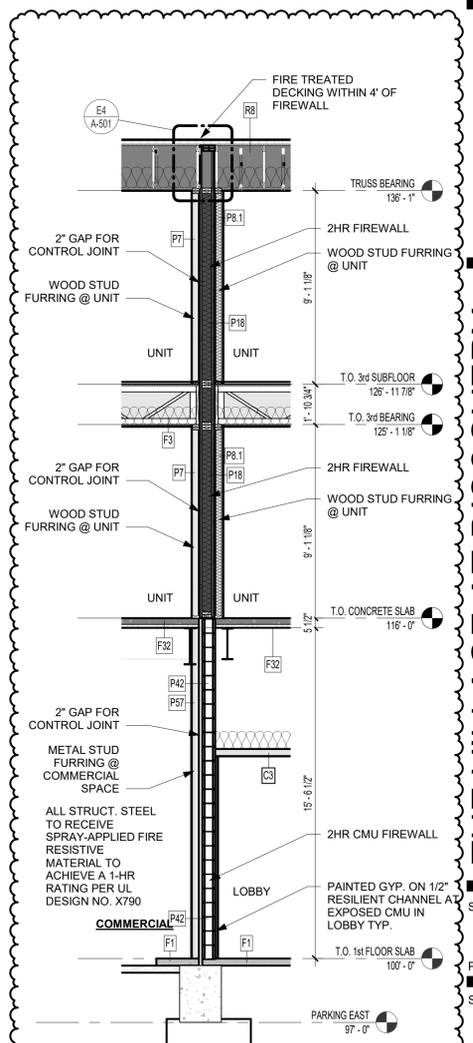
4 TYPICAL WALL SECTION @ COMMERCIAL
1/4" = 1'-0"



3 WALL SECTION @ PARKING @ BALCONY
1/4" = 1'-0"



2 TYPICAL WALL SECTION @ PARKING
1/4" = 1'-0"



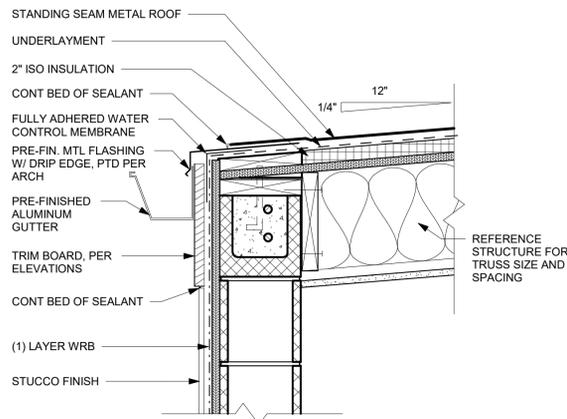
1 WALL SECTION @ FIREWALL
1/4" = 1'-0"

THE VILLAGE AT DISCOVERY -
LOT 4
LEE'S SUMMIT, MO

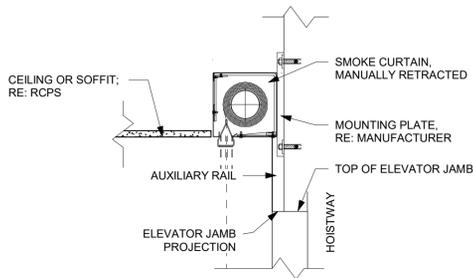
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WALL SECTIONS
PROJECT NUMBER: 23099
SHEET NUMBER:

A-301

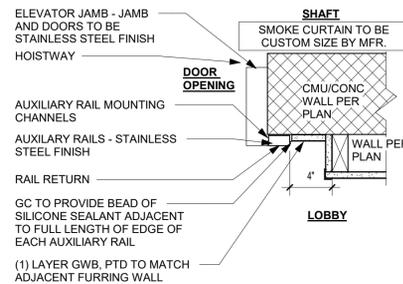
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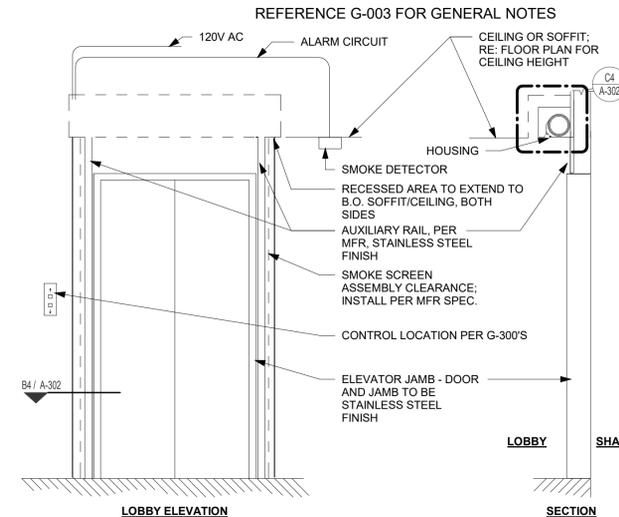
E4 ELEVATOR - CMU AT LOW SLOPE ROOF @ GUTTER
 1 1/2" = 1'-0"



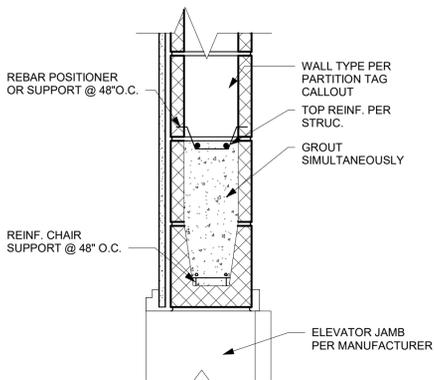
C4 SMOKE CURTAIN HEAD DTL.
 1 1/2" = 1'-0"



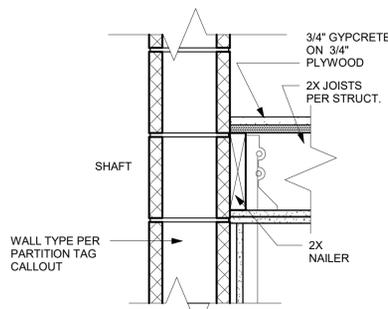
B4 SMOKE CURTAIN JAMB DTL
 1 1/2" = 1'-0"



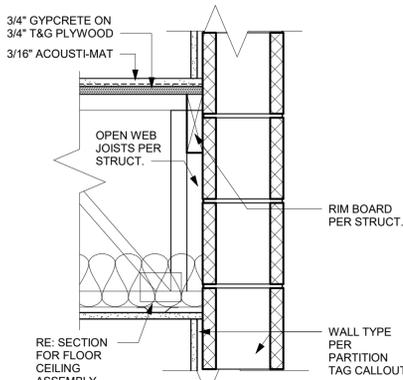
A4 SMOKE CURTAIN SECTION AND ELEVATION
 1/2" = 1'-0"



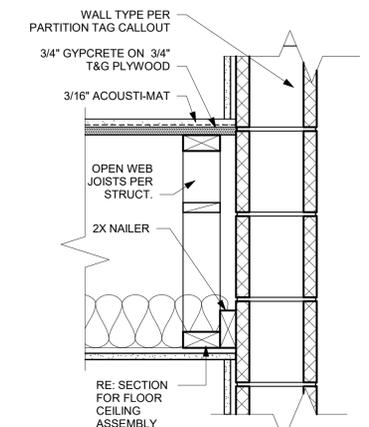
E3 ELEVATOR DOOR HEAD DETAIL
 1 1/2" = 1'-0"



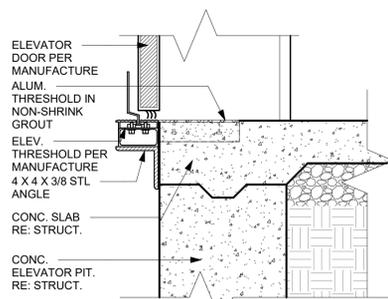
D3 ELEVATOR SHAFT DETAIL
 1 1/2" = 1'-0"



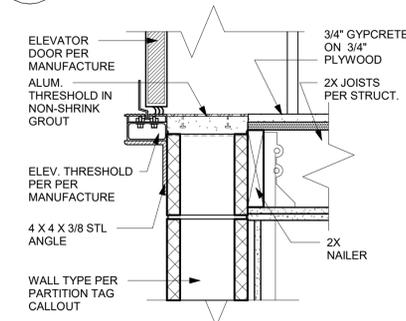
E2 ELEVATOR SHAFT DETAIL
 1 1/2" = 1'-0"



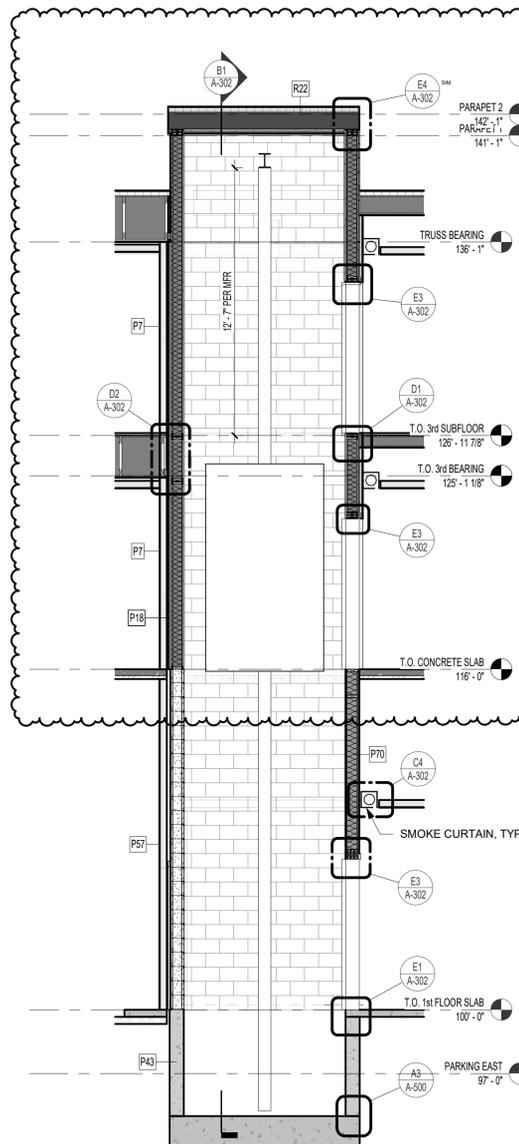
D2 ELEVATOR SHAFT DETAIL
 1 1/2" = 1'-0"



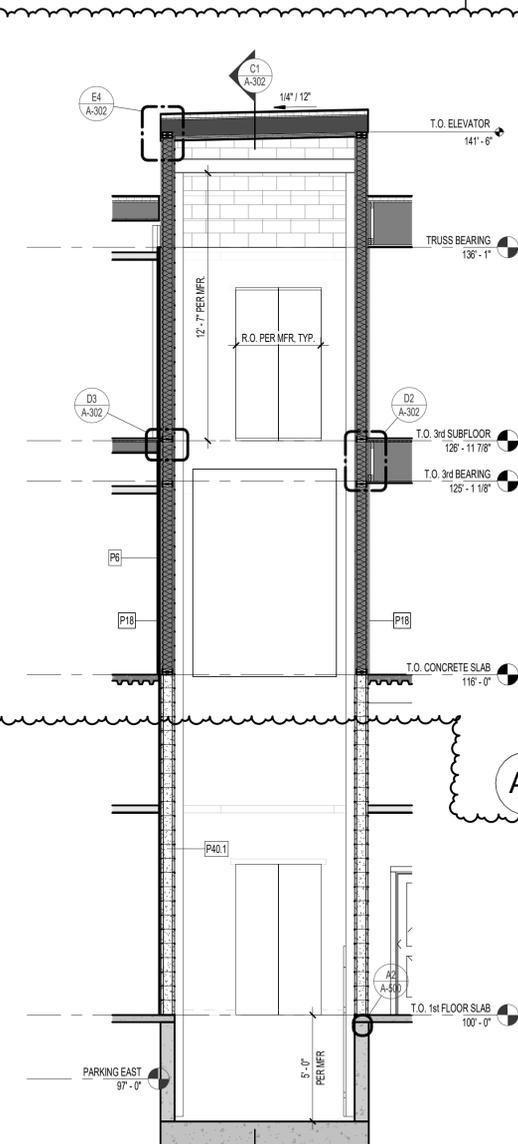
E1 ELEVATOR SHAFT THRESHOLD AT PIT
 1 1/2" = 1'-0"



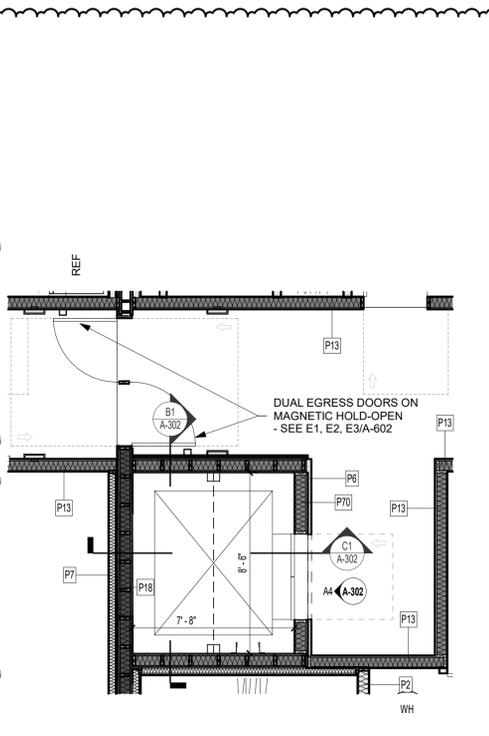
D1 ELEVATOR SHAFT AT THRESHOLD DETAIL
 1 1/2" = 1'-0"



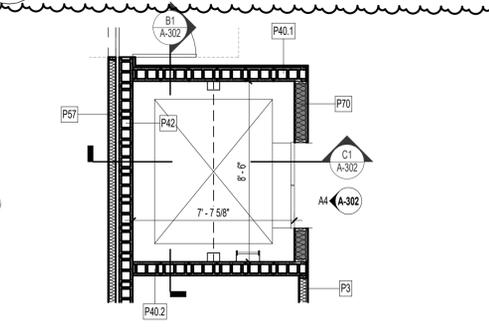
C1 ELEVATOR - SECTION 2
 1/4" = 1'-0"



B1 ELEVATOR - SECTION 1
 1/4" = 1'-0"



A2 ELEVATOR - UPPER FLOORS
 1/4" = 1'-0"



A1 ELEVATOR - 1ST FLOOR
 1/4" = 1'-0"

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THE VILLAGE AT DISCOVERY -
 LOT 4
 LEE'S SUMMIT, MO

SHEET TITLE
 ELEVATOR PLANS, SECTIONS & DETAILS

PROJECT NUMBER: 23099

SHEET NUMBER:

A-302

3/19/2024 1:26:28 PM
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