THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

PRINTS ISSUED

11/12/24 - CITY SUBMITTAL

REVISIONS:

1	12/04/24	Add #1 - City Comments
2	12/20/24	Add #2

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:

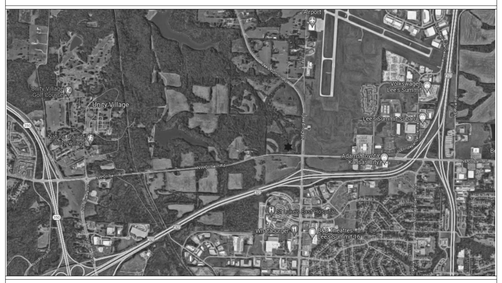
AS-100	G-102	G-210	A-105	A-201	A-404	A-503
G-001	G-200	G-211	A-106	A-300	A-405	A-504
G-001.1	G-201	G-212	A-110	A-301	A-406	A-505
G-002	G-202	G-213	A-111	A-302	A-407	A-506
G-003	G-203	G-300	A-112	A-303	A-408	A-600
G-004	G-204	G-301	A-113	A-304	A-409	A-601
G-005	G-205	G-302	A-114	A-305	A-410	A-602
G-006	G-206	G-303	A-115	A-400	A-415	A-603
G-007	G-207	A-101	A-120	A-401	A-500	A-700
G-100	G-208	A-102	A-125	A-402	A-501	A-711
G-101	G-209	A-103	A-200	A-403	A-502	

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.

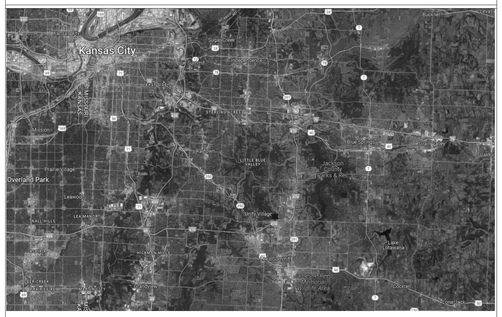
SEAL

David E. Hendrikse, AIA

REGIONAL MAP



VICINITY MAP



THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

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SHEET INDEX

GENERAL

	Sheet Issue Date	Sheet Number	Sheet Name	Rev.	Current Revision Date
■	11/12/24	G-001	TITLE SHEET	2	12/20/24 2
■	11/12/24	G-001.1	SHEET INDEX (CONT.)		12/04/24
■	11/12/24	G-002	GENERAL INFORMATION		
■	11/12/24	G-003	PLAN GENERAL NOTES		
■	11/12/24	G-004	GENERAL INFORMATION		
■	11/12/24	G-005	GENERAL INFORMATION		
■	11/12/24	G-006	GENERAL INFORMATION		
■	11/12/24	G-007	GENERAL INFORMATION		
■	11/12/24	G-100	CODE ANALYSIS		
■	11/12/24	G-101	PARTITION ASSEMBLIES - WALLS	2	12/20/24 2
■	11/12/24	G-102	PARTITION ASSEMBLIES -WALL/ROOF/FLOOR/CEILING		
■	11/12/24	G-200	UL ASSEMBLIES - D916		
■	11/12/24	G-201	UL ASSEMBLIES - D916 / L546 / GA2750		
■	11/12/24	G-202	UL ASSEMBLIES - L546		
■	11/12/24	G-203	UL ASSEMBLIES - L546 / P545		
■	11/12/24	G-204	UL ASSEMBLIES - P545		
■	11/12/24	G-205	UL ASSEMBLIES - U305		
■	11/12/24	G-206	UL ASSEMBLIES - U305 / U341		
■	11/12/24	G-207	UL ASSEMBLIES - U341 / U415		
■	11/12/24	G-208	UL ASSEMBLIES - U415 / U423		
■	11/12/24	G-209	UL ASSEMBLIES - U423 / U905		
■	11/12/24	G-210	UL ASSEMBLIES - 263 / X790 / CH.7		
■	11/12/24	G-211	UL ASSEMBLIES - L516		
■	11/12/24	G-212	UL ASSEMBLIES - L516		
■	11/12/24	G-213	UL ASSEMBLIES - U356		
■	11/12/24	G-300	ACCESSIBILITY STANDARDS		
■	11/12/24	G-301	ACCESSIBILITY STANDARDS		
■	11/12/24	G-302	ACCESSIBILITY STANDARDS		
■	11/12/24	G-303	ACCESSIBILITY STANDARDS		
■	11/12/24	AS-100	ARCHITECTURAL SITE AMENITIES		

CIVIL UNDER SEPARATE REVIEW, REFERENCE FDP

STRUCTURAL

	Sheet Issue Date	Sheet Number	Sheet Name	Rev.	Current Revision Date
■	11/12/24	S001	GENERAL NOTES	2	12/20/24 2
■	11/12/24	S002	GENERAL NOTES		
■	11/12/24	S003	STRUCTURAL SPECIAL INSPECTIONS SCHEDULES		
■	11/12/24	S004	SCHEDULES		
■	11/12/24	S005	LEVEL 2 REINFORCING PLAN		
■	11/12/24	S006	LOAD PLANS		
■	11/12/24	S099	FOUNDATION WALL & SLAB ON GRADE DIMENSION PLAN		
■	11/12/24	S100	FOUNDATION PLAN	2	12/20/24
■	11/12/24	S101	LEVEL 1 CANOPY AND GARAGE OPENING FRAMING PLAN	2	12/20/24
■	11/12/24	S102A	LEVEL 2 FRAMING PLAN ZONE A	2	12/20/24
■	11/12/24	S102B	LEVEL 2 FRAMING PLAN ZONE B	2	12/20/24 1
■	11/12/24	S103	LEVEL 3 FRAMING PLAN	2	12/20/24
■	11/12/24	S104	ROOF FRAMING PLAN	2	12/20/24
■	11/12/24	S400	ENLARGED VIEWS	2	12/20/24
■	11/12/24	S500	TYPICAL CONCRETE DETAILS	2	12/20/24
■	11/12/24	S501	FOUNDATION DETAILS	2	12/20/24
■	11/12/24	S502	FOUNDATION DETAILS	2	12/20/24
■	11/12/24	S503	FOUNDATION DETAILS	2	12/20/24
■	11/12/24	S504	PEDESTAL DETAILS	2	12/20/24
■	11/12/24	S505	PEDESTAL DETAILS	2	12/20/24
■	11/12/24	S510	TYPICAL STEEL DETAILS	2	12/20/24
■	11/12/24	S511	TYPICAL MASONRY DETAILS	2	12/20/24
■	11/12/24	S520	PODIUM FRAMING DETAILS	2	12/20/24
■	11/12/24	S521	PODIUM FRAMING DETAILS	2	12/20/24
■	11/12/24	S522	PODIUM FRAMING DETAILS	2	12/20/24
■	11/12/24	S523	PODIUM FRAMING DETAILS	2	12/20/24
■	11/12/24	S524	FRAMING AT TYPICAL GARAGE WALL OPENING	2	12/20/24
■	11/12/24	S530	TYPICAL WOOD FRAMING DETAILS	2	12/20/24
■	11/12/24	S531	WOOD FLOOR FRAMING DETAILS	2	12/20/24
■	11/12/24	S532	WOOD FLOOR FRAMING DETAILS	2	12/20/24
■	11/12/24	S540	WOOD ROOF FRAMING DETAILS	2	12/20/24
■	11/12/24	S541	WOOD ROOF FRAMING DETAILS	2	12/20/24
■	11/12/24	S550	SHEAR WALL DETAILS	2	12/20/24
■	11/12/24	S560	TYPICAL BALCONY PLANS AND DETAILS - LEVEL 2	2	12/20/24
■	11/12/24	S561	TYPICAL BALCONY PLANS AND DETAILS - LEVEL 3	2	12/20/24
■	11/12/24	S562	ADDITIONAL BALCONY PLANS - LEVELS 2 AND 3	2	12/20/24
■	11/12/24	S563	ADDITIONAL BALCONY DETAILS	2	12/20/24
■	11/12/24	S564	MAIN ENTRY BALCONY LEVEL 2/ LEVEL 3	2	12/20/24

ARCHITECTURAL

	Sheet Issue Date	Sheet Number	Sheet Name	Rev.	Current Revision Date
■	11/12/24	A-101	FIRST FLOOR PLAN		
■	11/12/24	A-102	SECOND FLOOR PLAN	2	12/20/24 2
■	11/12/24	A-103	THIRD FLOOR PLAN		
■	11/12/24	A-105	ROOF PLAN		
■	11/12/24	A-106	ROOFING & FLASHING DETAILS		
■	11/12/24	A-110	ENLARGED PLAN - 1ST FLOOR ZONE A		
■	11/12/24	A-111	ENLARGED PLAN - 1ST FLOOR ZONE B		
■	11/12/24	A-112	ENLARGED PLAN - 2ND FLOOR ZONE A	2	12/20/24 2
■	11/12/24	A-113	ENLARGED PLAN - 2ND FLOOR ZONE B		
■	11/12/24	A-114	ENLARGED PLAN - 3RD FLOOR ZONE A		
■	11/12/24	A-115	ENLARGED PLAN - 3RD FLOOR ZONE B		
■	11/12/24	A-120	REFLECTED CEILING PLANS		
■	11/12/24	A-125	CEILING DETAILS		
■	11/12/24	A-200	EXTERIOR ELEVATIONS	2	12/20/24 2
■	11/12/24	A-201	EXTERIOR ELEVATIONS		
■	11/12/24	A-300	BUILDING SECTIONS		
■	11/12/24	A-301	WALL SECTIONS		
■	11/12/24	A-302	ELEVATOR PLANS, SECTIONS & DETAILS		
■	11/12/24	A-303	STAIR 1 - PLANS AND SECTION	2	12/20/24
■	11/12/24	A-304	STAIR 2 - PLANS AND SECTION	2	12/20/24
■	11/12/24	A-305	STAIR DETAILS		
■	11/12/24	A-400	ABERDEEN (2 BR) UNIT PLAN - TYPE A	2	12/20/24 1
■	11/12/24	A-401	ABERDEEN (2 BR) ALT UNIT PLAN	2	12/20/24
■	11/12/24	A-402	ABERDEEN (2 BR) UNIT PLAN - TYPE B	2	12/20/24
■	11/12/24	A-403	ADRIAN (1 BR) UNIT PLAN	2	12/20/24
■	11/12/24	A-404	ADRIAN CORNER (1 BR) UNIT PLAN	2	12/20/24
■	11/12/24	A-405	ARA ALT (1 BR) UNIT PLAN	2	12/20/24
■	11/12/24	A-406	ARA (1 BR) UNIT PLAN	2	12/20/24
■	11/12/24	A-407	ARA CORNER (1 BR) UNIT PLAN	2	12/20/24
■	11/12/24	A-408	DELTA (1 BR) UNIT PLAN	2	12/20/24
■	11/12/24	A-409	HURLEY (2 BR) UNIT PLAN	2	12/20/24
■	11/12/24	A-410	LANA (2 BR) UNIT PLAN	2	12/20/24
■	11/12/24	A-415	UNIT DETAILS		
■	11/12/24	A-500	WATERPROOFING DETAILS		
■	11/12/24	A-501	WALL DETAILS		
■	11/12/24	A-502	WALL DETAILS	2	12/20/24
■	11/12/24	A-503	BRICK DETAILS	2	12/20/24 2
■	11/12/24	A-504	ELEVATOR DETAILS		
■	11/12/24	A-505	BALCONY & PARAPET DETAILS		
■	11/12/24	A-506	BALCONY DETAILS		
■	11/12/24	A-600	WINDOW AND DOOR SCHEDULES		
■	11/12/24	A-601	TYPICAL STOREFRONT ELEVATIONS	2	12/20/24 2
■	11/12/24	A-602	DOOR DETAILS		
■	11/12/24	A-603	WINDOW DETAILS		
■	11/12/24	A-700	FINISH TRANSITION DETAILS		
■	11/12/24	A-711	FIRST & SECOND FLOOR FINISH PLAN		

SHEET INDEX CONTINUED ON G-001.1

SOLID FILL INDICATES INCLUSION IN ISSUE
SHEET ISSUE DATE
■ 10/10/2024 | A-000 SHEET NAME | - | 10/10/2024
SHEET NUMBER AND NAME
CURRENT REVISION NUMBER & REVISION DATE ON SHEET

SHEET INDEX LEGEND

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
CEILINGS 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	24,774 S.F.	24,305 S.F.
THIRD FLOOR	24,774 S.F.	24,305 S.F.

UNIT SUMMARY: **46 TOTAL UNITS**

TYPE 'A' UNITS (2%) (1) UNITS - ABERDEEN "A"

HI/VI UNITS (2%) (1) UNITS - ADRIAN "HI/VI" (LG)

TYPE 'B' UNITS (3) UNITS - ABERDEEN "B"
(2) UNITS - ABERDEEN - ALT
(2) UNITS - ADRIAN
(13) UNITS - ADRIAN (LG)
(4) UNITS - ADRIAN - ALT
(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)

TOTAL UNITS **(46) UNITS**

SQUARE FOOTAGE:	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	823 S.F.	771 S.F.
ADRIAN (LG)	858 S.F.	803 S.F.
ADRIAN "HI/VI" (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	936 S.F.	874 S.F.
LANA	1,062 S.F.	985 S.F.
LANA (LG)	1,097 S.F.	1,027 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

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SIGNATURE BLOCK

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FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7

1920 NE DISCOVERY AVE
LEE'S SUMMIT, MO
64064

SHEET TITLE
TITLE SHEET

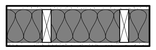
PROJECT NUMBER: 23103

SHEET NUMBER:

G-001

SEE G-102 FOR PARTITION NOTES AND ACCOUSTIC SEALING

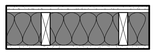
INTERIOR BARRIER ASSEMBLIES
WOOD - 1 HR RATED



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



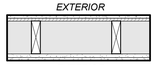
P21

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

EXTERIOR



EXTERIOR

P31

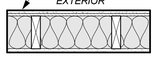
WOOD 2x6 STUD - NON-RATED EXTERIOR - AT BALCONY (DELTA UNIT)
EXTERIOR
- STUCCO
- METAL LATH
- WEATHER RESISTANT BARRIER, PER SPECIFICATIONS
- (1) LAYER SHEATHING PER STRUCT. DWGS.
- 2x6 WOOD STUDS SPACED 16" O.C. MAX OR PER STRUCT. DWGS.
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD
- METAL LATH
- STUCCO

EXTERIOR

NOTES:
a. SCREW PATTERN PER STRUCT.

EXTERIOR FINISH, MATERIAL VARIES - SEE ELEVATIONS AND DETAILS

EXTERIOR



INTERIOR

P36

WOOD 2x6 STUD - NON-RATED 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.
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

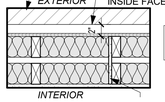
INTERIOR

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

EXTERIOR FINISH, MATERIAL VARIES - SEE ELEVATIONS AND DETAILS

PROVIDE 2" GAP BETWEEN EXTERIOR FACE OF STUD AND INSIDE FACE OF MASONRY

EXTERIOR



INTERIOR

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

P36.1

WOOD DOUBLE 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

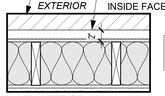
NOTES:
a. INTERIOR TO BE PAINTED PER FINISH SCHEDULE
b. SCREW PATTERN PER STRUCT.

2

EXTERIOR FINISH, MATERIAL VARIES - SEE ELEVATIONS AND DETAILS

PROVIDE 2" GAP BETWEEN EXTERIOR FACE OF STUD AND INSIDE FACE OF MASONRY

EXTERIOR



INTERIOR

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.
- 1/2" RESILIENT CHANNEL
- (1) LAYER 5/8" TYPE "X" GYPSUM BOARD

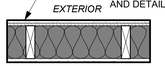
INTERIOR

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

EXTERIOR PARTITION ASSEMBLIES
WOOD - 1 HOUR RATED

EXTERIOR FINISH, MATERIAL VARIES - SEE ELEVATIONS AND DETAILS

EXTERIOR



INTERIOR

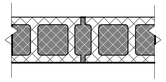
P30

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

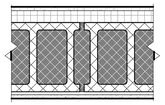
INTERIOR ASSEMBLIES
CMU / CONCRETE - 1 HR RATED



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

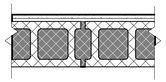


P43

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

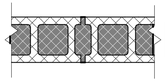
INTERIOR BARRIER ASSEMBLIES
CMU / CONCRETE - 1 HR RATED



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

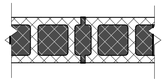


P40.2

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)

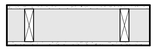
NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U905 (APRIL 14, 2023)
b. APPLY WATERPROOFING AT ALL SUBGRADE PORTION OF WALLS

INTERIOR PARTITION ASSEMBLIES
WOOD - 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

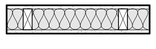
NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE "W" STEEL SCREWS @ 12" O.C.



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

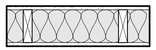
NOTES:
a. ATTACH GYPSUM WITH 1-1/4" TYPE "W" STEEL SCREWS @ 12" O.C.



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.

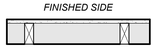


P5

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.

FINISHED SIDE

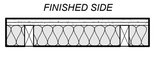


P7

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.

FINISHED SIDE

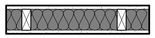


P8

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.

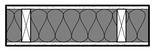
INTERIOR PARTITION ASSEMBLIES
WOOD - 1 HR RATED



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

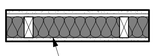
NOTES:
a. ASSEMBLY TO COMPLY WITH UL DESIGN U305 (SEPT 19, 2023)
b. REFER TO UL FOR SCREW PATTERN AND OTHER REQUIREMENTS



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



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

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.

CORRIDOR

UNIT

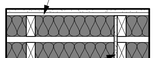
VERIFY IF WALL SHEATHING FOR SHEAR W/ STRUCT DWGS. IS REQUIRED. SHEATHING SHALL ATTACH DIRECTLY TO STUDS PER STRUCT.

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.

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)

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'-0" O.C.
d. STC SHALL BE 50 OR OVER AT UNIT ASSEMBLIES, MEETING ASTM E90 (STC 61 BASED UPON TESTING TL11-120)

PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

REVISIONS:
2 12/20/24 Add #2

rosemann & ASSOCIATES p.c.
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INTERIOR DESIGN
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PLANNING
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FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
PARTITION ASSEMBLIES - WALLS

PROJECT NUMBER: 23103

SHEET NUMBER:

G-101

12/20/2024 10:53:31 PM
C:\Revit Local Cache\23103\10_Lot 7 Apartments_Central_R23_brandtwalkWT.rvt

A. DESIGN CRITERIA

1. Design Codes:
   a. International Building Code: IBC 2018
   b. Minimum Design Loads for Buildings and Other Structures: ASCE 7-16
2. Design Loads:
   a. Dead Loads

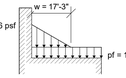
Wood Floors	= 27 psf
Composite Deck w/ LW Concrete	= 51 psf
Walls within Residential Units	= 15 psf (additive to floor load)
Roof	= 20 psf plus mechanical equipment shown on roof plan
King Size Brick Veneer	= 36 psf max allowed
Large Format Masonry	= 70 psf max allowed
EIFS Finish System	= 10 psf max allowed

   b. Live Loads (reducible per code UNO)

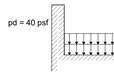
Slab on Grade	= 100 psf
Private Rooms and Corridors Serving them	= 40 psf
Mechanical/Storage	= 125 psf (non-reducible)
Balconies	= 60 psf (1.5 x Occupancy Served)
Typical Roof	= 20 psf
Handrails	= 200 lb point load at any point on handrail or on top rail
	= 50 plf linear load on top rail
Public Rooms	= 100 psf (non-reducible)
Public Corridors	= 100 psf

   c. Roof Snow Load

Ground Snow Load (p_g)	= 20 psf
Flat Roof Snow Load (p_f)	= 14 psf
Snow Exposure Factor (Ce)	= 1.0
Snow Load Importance (I_s)	= 1.0
Thermal Factor (C_t)	= 1.0
Slope Factor (C_s)	= 1.0
Main Roof Parapet Snow Drift Load (p_d)	= 36 psf
Main Roof Parapet Snow Drift width (w)	= 17'-3"
Balcony Snow	
Balcony Snow Drift Load	= 40 psf
Balcony Snow Drift width (w)	= Full Balcony Depth
Rain on Snow Surcharge	= 5 psf



MAIN ROOF SNOW DRIFT AT PARAPET

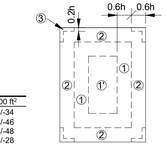


BALCONY SNOW DRIFT LOAD DIAGRAM

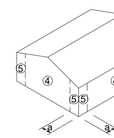
   d. Wind Load

Basic Design Wind Speed, V	= 109 mph (3 sec. Gust)
ASD Wind Speed, V_{asd}	= 85 mph
Risk Category	= II
Wind Exposure	= C
Internal pressure Coefficient (GC_{pi})	= ±0.18
Components and Cladding (psf):	

Zone	A=10ft²	A=50 ft²	A=100 ft²
Negative Zone1	-49.6	-42	+16/-34
Negative Zone 1'	-28.5	-28.5	+16/-48
Negative Zone 2	-65.4	-55.7	+16/-48
Negative Zone 3	-65.4	-55.7	+26/-28
Positive Zone 1 & 1'	16	16	16
Positive Zones 2 & 3	28.5	25.6	24.3
Negative Zone 4	-30.9	-26.7	-27.9
Negative Zone 5	-38.0	-29.6	-32.1
Positive Zone 4 & 5	28.5	24.3	25.6



GABLE, SAWTOOTH AND MULTISPAN GABLE θ ≤ 7 DEGREES & MONOSLOPE ≤ 3 DEGREES h ≤ 60' & ALT DESIGN h < 90'


WALLS h ≤ 60' & ALT DESIGN h < 90'

Notes:
1. A is the Effective Wind Area as defined in ASCE 7 Ch. 26.
2. Linear interpolation between tabulated values is permitted.
3. Elements with Tributary Area (A_t) > 700 ft² shall be permitted to be designed using provisions for MWFRS.
4. Ultimate loads shown

   e. Earthquake Load

Risk Category	= II
Seismic Importance Factor (I_e)	= 1.0
Mapped Spectral Response Acceleration Parameters	
S_S = 0.099g	S_1 = 0.068g
Design Spectral Response Acceleration Parameters	
S_{DS} = 0.086	S_{D1} = 0.068
Soil Site Class:	C
Seismic Design Category	B
Basic Seismic Force Resisting System(s)	
Wood Walls with Wood Structural Panels (ASCE 7 Table 12.2-1 Line A.15)	
R = 6.5 Ω_0 = 3.0	C_s = 0.013 C_D = 4.0
(Ω_0 reduced to 2.5 per ASCE7-16 Table 12.2-1 footnote *b*)	
Wood Walls with Panels of other Materials (Gypsum) (ASCE 7 Table 12.2-1 Line A.17)	
R = 2.0 Ω_0 = 2.5	C_s = 0.043 C_D = 2.0
(Ω_0 reduced to 2.0 per ASCE7-16 Table 12.2-1 footnote *b*)	
Ordinary Reinforced Masonry Shear Walls (ASCE 7 Table 12.2-1 Line A.9)	
R = 2.0 Ω_0 = 2.5	C_s = 0.043 C_D = 1.75
Design Base Shear, V= C_s x W	= 235 kips Derived using Max C_s Value
Analysis Procedure	= Equivalent Lateral Force Procedure (ASCE 7-16 Chapter 12.8)

   f. Rain Load
      100 Year 15 min. Rain Intensity (i) = 7.5 in/hr
      7 Year 15 min. Rain Intensity (i) = 7.5 in/hr
3. Allowable Deflections:

	Total Load	Live/Snow/Wind Load	Absolute Maximum
Floor Joists/Trusses	L/360	L/480	1"
Roof Joists/Trusses	L/240	L/360	1.5"
Wall Framing (flexible finish)		L/360	0.75"
Wall Framing (brittle/brick finish)		L/600	0.5"

   Cantilever deflection limits are the more restrictive of 2 x the appropriate L/--- limit (e.g. 2L/360 = L/180) or absolute maximum value listed above, measured at the tip of the cantilever U.N.O.
4. Soil Properties:
   a. Foundation design is based on the following to be considered part of the construction documents:
      i) Geotechnical Report prepared by Own Inc. dated April 3, 2024. (1)
      ii) Signed Letter from Ground Improvement Engineering by Vaughn Rupnow, PE, dated May 31, 2024 confirming Rammed Aggregate Piers as a viable foundation option with **allowable subgrade bearing pressure of 6,000 psf**.
   b. It is the Owner's decision to proceed with Rammed Aggregate Piers.

B. STRUCTURAL ENGINEERING DESIGN NARRATIVE

1. McClure Engineering Company (McClure, MEC) is the Structural Engineer of Record (EOR) responsible for the documentation of structural design criteria, strength and stability the primary vertical and lateral load-carrying systems in their completed form, and conformance of the structural design to the applicable building codes. These drawings produced by McClure convey the structural engineering design for the project, which includes the following components and systems:
   a. Foundations consisting of concrete frost walls, pedestals, and footing supported by rammed aggregate piers.
   b. Slabs on grade.
   c. Residential Building Framing:
      i. Load-bearing wood wall and opening framing.
      ii. Wood floor and roof trusses and dimensional lumber joists.
      iii. Concrete on composite deck floor framing.
      iv. Steel framed balconies with non-composite deck.
   d. Parking Garage Framing:
      i. Concrete Masonry Unit walls at stair and elevator towers.
      ii. Structural steel beams and columns.
      iii. Steel decking composite with concrete.
      iv. Exterior CFS wall framing.
   e. Retail Building Framing:
      i. Structural steel framing.
      ii. Steel decking composite with concrete.
      iii. CMU wall stair framing.
      iv. Exterior CFS wall framing.
   f. Level 2 force resisting system:
      i. Composite deck diaphragm and CMU shearwalls
   g. Level 3 and above:
      i. Lateral force resisting system;
         Plywood diaphragms and wood shear walls with gypsum or plywood sheathing as indicated in shearwall schedule.
2. The following items are Deferred Submittals. Framing intent and additional requirements for these structural components are provided within these drawings*:
   a. Structural steel connections – see general notes section "Structural Steel"
   b. Exterior and miscellaneous CFS wall framing below level 2
   c. Wood roof/floor trusses – see general notes section "Wood Framing and Fastening" / see S001 and S002 for applicable design criteria
   d. All premanufactured canopy and awning framing including connections to the structure.
   e. Handrails at balconies – see S001 "Design Criteria" for applicable loading

   * Reference section "D. Submittal Requirements." Coordinate requirements of these drawings with those of other design consultant drawings and the Project Specifications.
3. The following items are specifically excluded from McClure's design scope as represented on these drawings:
   a. Requirements for fire rating of assemblies or fire protection of structural members
   b. Global stability of soil mass
   c. Any exterior slabs, bollards, curbs, and any enclosures not shown on these drawings
   d. Interior non-load-bearing wood framed walls or furring
   e. Shoring design, formwork design, temporary bracing, and other means and methods items

C. GENERAL NOTES

1. All construction shall conform to the Design Codes in Section "A. Design Criteria," including all applicable standards and documents referenced within those codes.
2. Plan and detail notes provided on specific sheets within these drawings supplement information in these General Notes. Always coordinate the requirements of these notes with what is shown within the drawings.
3. Unless noted specifically on a plan, all floor plans show framing for the floor indicated walls, openings, posts, columns supporting that floor.
4. Contract Document Coordination:
   a. The drawings contained herein are intended to be utilized in conjunction with other design consultant's drawings (architectural, civil, mechanical, etc.). It is the responsibility of the Contractor to coordinate the requirements of the drawings into their shop drawings and construction.
      i. Refer to the Project Specifications issued as part of the contract documents for information supplemental to these drawings. Should conflicts between these drawings and the Specifications exist, the Contractor shall bring them to the attention of the structural engineer for clarification.
   b. Refer to the architectural, mechanical, electrical, and civil drawings for location and size of block outs, inserts, openings, curbs, bases & pads, and dimensions not shown on these drawings.
   c. Refer to the architectural drawings for size and location of doors and window openings, exterior wall assemblies, and floor, wall, and roof finishes. Refer to the mechanical and electrical drawings for additional information including locations of mechanical units, generators, etc.
   d. Omissions or conflicts between various elements of the drawings, notes and details shall be brought to the attention of the structural engineer and resolved before proceeding with the work.
5. Use of Drawings in Construction:
   a. The Contractor shall verify all dimensions and conditions at the job site before commencing work and shall report any discrepancies to the engineer responsible for the design of that work.
   b. Do not use scaled dimensions; use written dimensions or, where no dimension is provided, consult the structural engineer for clarification before proceeding with the work.
      i. Where member locations are not specifically dimensioned, members are either located on columns lines or are equally spaced between located members.
   c. Details and keynotes shown shall be incorporated into the project at all appropriate locations, whether specifically called out or not.
   d. McClure may provide the contractor with electronic files for their convenience and use in the preparation of shop drawings. These electronic files are not construction documents; the contractor is not relieved of his/her duty to fully comply with the contract documents, including the need to confirm and coordinate all dimensions and details, take field measurements, verify field conditions, and coordinate the contractor's work with that of other contractors for the project.
6. Changes During Construction:
   a. Openings shall not be cut or otherwise made in any structural member unless that opening is specifically shown on these drawings. The Contractor shall seek approval in writing from the structural engineer for any design incorporating additional openings.
   b. Support details shown for Architectural, Mechanical, Electrical, and Plumbing equipment as well as elevators is based upon available information from the manufacturer (if any) at the time these drawings were submitted. The Contractor shall coordinate requirements of actual equipment supplied with details and shall provide any additional framing required.
   c. The Contractor has the responsibility to notify the structural engineer of any architectural, mechanical, electrical, or plumbing load imposed on the structure that is not documented on the Contract Documents or differs from what is originally shown. Provide documentation of location, load, size, and anchorage of all undocumented loads in excess of 250 lbs.
7. Construction Sequence and Methods:
   a. These drawings and the related Specifications represent the finished structure and, except where specifically shown, do not indicate the method or means of construction. Loads on the structure during construction shall not exceed the design loads indicated in Section "A. Design Criteria". The Contractor shall supervise and direct the work and shall be solely responsible for all construction means, methods, procedures, techniques, and sequence.
   a. The Contractor is responsible for compliance with all applicable job-related safety standards proceeding from governing organizations (e.g. OSHA).
   b. It is the responsibility of the Contractor to ensure the stability of the structural elements during construction as a result of means and methods by providing shoring, bracing, etc. as required.
      i. Stability considerations should include all applicable temporary construction and environmental loads per ASCE 37 which may include wind and seismic forces.
      ii. Temporary bracing shall remain in place until positive connection is made between the floor/roof diaphragm and the lateral force resisting elements.
      iii. The Contractor may at their discretion employ a Specialty Structural Engineer, licensed in the state where the project is located, for the design of any temporary bracing, lifting, rigging, and shoring.
   c. The Contractor shall consider the effects of thermal movements due to hot or cold weather construction and the potential for extreme temperature variations before the structure is complete.
   d. Any foundation wall restrained by a floor is not designed to be backfilled prior to the complete construction of the floor and the lateral bracing elements (shear walls, braced frames, etc.) below it. For backfilling before this time, temporary bracing shall be designed and provided by the contractor.
   e. The Contractor is responsible for the protection and repair of any adjacent existing structures, surfaces, and areas which may be damaged as a result of the work.

D. SUBMITTAL REQUIREMENTS

1. Submittal Procedures:
   a. The Contractor shall provide all submittals in PDF format unless otherwise requested or indicated in the Project Specifications.
   b. All submittals must be reviewed by the Contractor prior to McClure's review. The Contractor is responsible for reviewing each submittal for basic coordination with these drawings and to verify that all the required components of the submittal are incorporated. The submittal must bear the electronic review stamp of the Contractor before McClure will proceed with the review.
   c. Incomplete submittals or submittals not meeting the requirements of this section will not be reviewed. McClure will notify the contractor that the submittal is incomplete or unacceptable and that resubmission is required.
      i. Submittals requiring engineering calculations for all or a portion of the work are considered incomplete without the sealed calculations and will not be reviewed.
      ii. Shop Drawings shall be original drawings. Submissions incorporating any portion or reproduction of the contract documents will not be reviewed.
      iii. Deferred Submittals not meeting the seal requirements of section D.2.b are considered incomplete and will not be reviewed.
      iv. Resubmittals with comments from a previous review left unaddressed or without any response will not be reviewed.
   d. Allow two weeks for review of all submittals unless an agreement for expedited review is made in writing by McClure.
   e. McClure's submittal review scope of work includes a single submittal review and one review of the revised submittal if required (two reviews total of the same submittal). Time required for more than two reviews of a submittal is considered an additional service and will be billed hourly. McClure reserves the right to withhold review of a submittal surpassing this allowance until proper billing to the responsible party can be established.
   f. Submittals must be returned to the Contractor by McCure bearing a stamp marked "Reviewed No Exception Taken" or "Reviewed With Comments/Exceptions" prior to proceeding with the work. Submittals marked "Reject/Resubmit" must be revised according to the comments provided prior to commencing with the respective scope of work.
2. Deferred Submittals:
   a. See Section "B. Structural Engineering Design Narrative" for the list of items considered Deferred Submittals.
   b. Deferred Submittals shall bear the seal of a professional engineer licensed in the state where the project is located. If the project requires a licensed Structural Engineer (S.E.) as the Engineer of Record according to state laws, the same qualification level applies to the engineer sealing the Deferred Submittals.
   c. Deferred Submittal items shall not be installed until the Deferred Submittal documents have been approved by the Building Official.
3. Submittal List:
   a. Submittals (product data, test records, shop drawings, and/or calculations) are required for the following:

Submittal Name	Items Required:				
	Product Data	Shop Drawings	Test Records	Engineering Drawings	Engineering Calculations
1. Concrete Mix Designs	X		X		
2. Concrete Break Reports			X		
3. Concrete Reinforcing Layout		X			
4. Concrete Anchor Bolts & Embedded Plates	X	X			
5. Concrete & CMU Anchors (Post-Installed)	X				
6. Post-Installed Anchor Substitutions	X				X
7. Post-Installed Connection Geometry Alteration	X			X	X
8. Structural Steel Framing	X	X			
9. Structural Steel Framing Connections		X			X
10. Steel Floor Deck	X	X			
11. Metal Railings & Connections	X	X			X
12. Metal Ladders & Connections	X	X			X
13. Fall Arrest Systems		X			X
14. Wood Framing Materials	X				
15. Wood Floor & Roof Trusses incl. Reactions				X	X
16. Wood Truss Connections to Supporting Structure				X	X
17. Specialty Wood Fasteners	X				
18. Manufactured Wood Shear Panels	X				
19. Exterior CFS Wall Framing below Podium Level	X	X		X	X
20. Premanufactured Canopies and Awnings	X	X		X	X
21. Masonry Wall Materials	X		X		
22. Masonry Reinforcing		X			

   b. "Product Data" may indicate mill certifications, material data sheets, Evaluation Service Reports (ESRs), etc. See requirements of each material section of the general notes for further information.
   c. Where "Engineering Drawings" and/or "Engineering Calculations" are indicated, the submittal must comply with the requirements of item "2. Deferred Submittals" above.
4. Submittals For Record:
   a. The following items impact the structural design and therefore must be submitted to the engineer; however, they do not require review. They will be returned stamped as "Received For Record".
      i. Elevator Shop Drawings with Loads to Structure
      ii. Mechanical Equipment Shop Drawings with Weight
      iii. Brick & Stone Veneers Including Weights

E. CONCRETE

1. Reinforced concrete shall have the following minimum 28 day compressive strengths:
   a. Slab on grade, unless noted otherwise — 4000 psi normal weight
   b. Foundations and Grade Beams — 5000 psi normal weight
   c. Drilled piers and pile caps — 5000 psi normal weight
   d. Slabs on non-composite metal deck — 4000 psi normal weight
   e. Slabs on composite metal deck — 4000 psi lightweight
2. All concrete exposed to weather shall have 6% (+- 1%) air entrainment.
3. Submit mix designs for all concrete mixes prior to placement. All submittals shall include the following:
   a. Batch quantities including admixture dosage rates.
   b. Strength test results for trial mixes.
   c. Cured unit weight results (for lightweight concrete mixes only).
   d. Aggregate source(s) and gradation(s).
   e. Product data for cement, fly ash and other cementitious materials.
   f. Product data for all admixtures.
4. Provide the minimum concrete cover for reinforcing bars as follows (unless specified otherwise on sections and details):
   a. Cast-in-place concrete
      i. Concrete cast against and permanently exposed to earth: 3"
      ii. Concrete exposed to earth and weather (formed)
         1. #5 and smaller — 1-1/2"
         2. #6 and larger — 2"
      iii. Concrete not exposed to weather and not in contact with ground:
         1. Slabs and walls — 3/4"
         2. Beams and columns — 1-1/2"
5. Provide construction or control joints in slab on grade as shown on plans. If joint pattern is not shown, provide joints at 10'-0" x 10'-0" and at locations to conform to bay spacing wherever possible (at column centerlines, half bays, third bays, etc.).
6. Interface of all slab and beam construction joints shall be roughened with 1/4" amplitude. Surface of construction joints shall be clean and free of laitance. Immediately before new concrete is placed, construction joints shall be moistened and standing water removed.
7. Construction joints in walls shall be keyed and placed at locations approved by the Architect and Structural Engineer.
8. Provide control joints in all retaining walls at 15 ft to 20 ft intervals.
9. **Elevator pit walls shall not have control joints as they are part of the lateral system.**
10. Provide PVC waterstops in all below grade construction joints and at other locations as shown.
11. Provide compressible filler and sealant in all slab-on-grade and wall and column interfaces that are not doweled together.
12. All column pockets shall be filled with concrete after column is erected.
13. Sleeves and openings in slabs not shown on structural drawings or outside the parameters of typical sleeve details are not permitted, unless approved by the Structural Engineer.
14. Conduit and pipes embedded in slabs, walls, or grade beams shall be no larger in outside dimension than 1/3 the overall member thickness and shall be placed no closer than 3 diameters or widths on center.
15. Conduits and pipes shall not be permitted in concrete pilasters or columns.
16. See "G. Foundations" section 5 for requirements at slab on grade.
17. Bond break material for slip joints shall be one of the following: 1/8" thick tempered wood particleboard, 1/8" thick high-density plastic elastomeric strips, two layers of 10mil polyethylene sheeting or equivalent.
18. Provide concrete housekeeping pads under all mechanical, plumbing, fire protection, and electrical equipment per plans. Pads shall extend beyond equipment a nominal 6" on all sides. Provide reinforcing per details.
19. At floor drains, locally slope floor towards drain. See architectural and plumbing drawings for drain locations.
20. Foundation walls shall be temporarily braced until positive attachment is made to floor framing per details. This is a means and methods item.

F. REINFORCING FOR CONCRETE

1. General
   a. All reinforcing steel to be ASTM A615, Grade 60, deformed bars, unless noted otherwise.
      i. Any reinforcing to be welded shall be ASTM A706 and welded with E80 electrodes.
      ii. Alternatively, ASTM A615 reinforcing may be welded with E90 electrodes and proper preheat according to AWS D1.4.
      iii. E70 electrodes are not permitted for welding rebar.
   b. Welded wire fabric shall be ASTM A185. Welded wire fabric shall be in flat sheets.
   c. All reinforcing bars to be detailed and placed in accordance with the ACI "Manual of Standard Practice for Detailing Reinforced Concrete Structures" specifications.
   d. All reinforcing, including dowels, shall be securely tied and cast with the lower member. Placing reinforcing after concrete has been placed will not be permitted.
   e. Field bending of reinforcing partially embedded in concrete will not be allowed unless specifically noted on the drawings or approved by the Structural Engineer.
   f. All reinforcing bars shall be contact lap spliced or doweled as follows, unless noted otherwise:

Tension Development and Splice Lengths for f'c = 5,000psi

Bar Size	Development Top Bar	Development Other Bar	Class "B" Splice Top Bar	Class "B" Splice Other Bar	Standard 90 deg. Hook Embed	Standard 90 deg. Hook Leg Length	Standard 90 deg. Hook Bend Dia.
#3	17	13	22	17	6	6	2-1/4
#4	22	17	29	22	6	8	3
#5	28	22	36	28	8	10	3-3/4
#6	33	26	43	33	9	12	4-1/2
#7	49	37	63	49	11	14	5-1/4
#8	55	43	72	55	12	16	6
#9	63	48	81	63	14	19	9-1/2
#10	70	54	91	70	15	22	10-3/4
#11	78	60	101	78	17	24	12
#14	94	72	---	---	29	31	18-1/4
#18	125	96	---	---	39	41	24

Tension Development and Splice Lengths for f'c = 4,000psi

Bar Size	Development Top Bar	Development Other Bar	Class "B" Splice Top Bar	Class "B" Splice Other Bar	Standard 90 deg. Hook Embed	Standard 90 deg. Hook Leg Length	Standard 90 deg. Hook Bend Dia.
#3	19	15	24	19	6	6	2-1/4
#4	25	19	32	25	7	8	3
#5	31	24	40	31	9	10	3-3/4
#6	37	29	48	37	10	12	4-1/2
#7	54	42	70	54	12	14	5-1/4
#8	62	48	80	62	14	16	6
#9	70	54	91	70	15	19	9-1/2
#10	79	61	102	79	17	22	10-3/4
#11	87	67	113	87	19	24	12
#14	105	81	---	---	32	31	18-1/4
#18	139	107	---	---	43	41	24

1. Straight development and Class "B" splice lengths shown in above tables are based on uncoated bars assuming center-to-center bar spacing ≥ 3"d_b without ties or stirrups or ≥ 2"d_b with ties or stirrups, and bar clear cover ≥ 1.0"d_b Normal weight concrete as well as no transverse reinforcing are both assumed.
2. Standard 90 deg. hook embedment lengths are based on bar side cover ≥ 2.5" and bar end cover ≥ 2" without ties around hook.
3. For special seismic considerations, refer to ACI 318 Code Chapter 21.
4. All tension splices shall be Class "B" splices unless noted otherwise on plans.

   g. All welded wire fabric shall be lapped 12" or 48 wire diameters, whichever is greater.
   h. Provide (2) #5 x 6'-0" diagonals at all corners of openings and re-entrant corners, unless noted otherwise.
   i. Dowels between foundation and walls shall be the same grade, size, and spacing as the vertical wall reinforcing, unless noted otherwise.
   j. Provide corner bars to match longitudinal reinforcing in all footings. Provide (2) corner bars at tee intersections.
   k. Provide 500 pounds of miscellaneous straight bar reinforcing (#4 & #5) to be used in field for special conditions. Labor for placing same to be included.
2. Slabs and Slabs-on-Grade
   a. All slabs on grade to be reinforced with 6x6 – W2.9xW2.9 welded wire fabric, unless noted otherwise.

G. FOUNDATIONS

1. Soil Properties
   a. Foundation design is based on the following to be considered part of the construction documents:
      i) Geotechnical Report prepared by Own Inc. dated April 3, 2024. (1)
      ii) Signed Letter from Ground Improvement Engineering by Vaughn Rupnow, PE, dated May 31, 2024 confirming Rammed Aggregate Piers as a viable foundation option with **allowable subgrade bearing pressure of 6,000 psf**.
   b. It is the Owner's decision to proceed with Rammed Aggregate Piers.
2. A geotechnical representative shall be retained on site for all construction activity to verify that all proper requirements have been met to meet the design requirements outlined in the geotechnical report. Representative shall be someone familiar with all documents of the geotechnical investigation provided for the project.
3. The Contractor shall provide dewatering of excavations from surface water and ground water. Do not place concrete if water is present at base of excavation.
4. Footings
   a. All footings shall bear on suitable subgrade prepared in accordance with the geotechnical report. The underlying soils and the structural fill shall have a minimum safe load bearing capacity of 2,500 psf.
   b. Remove all existing topsoil, pavement, organic materials, and other soil that appears to be unsuitable prior to preparing the footing subgrade.
   c. If any adverse soil conditions are encountered which extend below footing level such as those listed above, the general contractor shall contact the geotechnical engineer immediately for determination of how to remedy the condition before continuation of work.
   d. No footings shall be placed in water or on frozen ground. All exterior construction shall be carried down to minimum 3'-0" below finished adjacent exterior grade.
5. Slab on Grade
   a. Slabs shall be constructed as shown on the plans.
   b. Slabs-on-grade shall be placed on subgrade prepared in accordance with the requirements of the geotechnical report and the details in these construction documents.
   c. A 10mil minimum vapor retarder shall be installed under all slabs on grade in occupied or conditioned spaces per the drawings. See the geotechnical report for additional information regarding the installation of the vapor retarder. (1)
   d. Slab on grade shall be founded on 6" deep ¾" clean aggregate base compacted to at least 98% of maximum dry density and within 2% of optimum moisture content. (1)
   e. The upper 24" of subgrade extending (10) beyond the footprint of the building shall consist of low volume change material per the Geotechnical Report. (1) Granular fill shall be compacted to a minimum of 98% of the ASTM D698 maximum dry Standard Proctor density. (1)
   f. The 6" aggregate base shall be included in the 24" depth required for the low volume change layer.
   f. Provide joints at 30 x slab thickness (+/-) in both directions and located to conform to bay spacing wherever possible (at column centerlines, half bays, third bays, etc.). Submit control joint layout for approval by the engineer.
   g. Saw cut control joints shall be done late enough to prevent raveling of the cut edges and early enough to prevent racking of the slab ahead of the saw blade.
   h. Plumbing and utilities passing through the slab on grade shall be constructed with flexible fittings to allow for slab movement. The expected slab movement for the parking slab shall be considered up to 2" minimum for fittings.
   i. Concrete slab to be cured according to ACI Standards. Concrete slab cure to be compatible with any sealer, grout, or adhesive that may be used in the floor later.
   j. Locally slope floor towards any floor drains. See architectural and plumbing drawings for drain locations.
6. Geotechnical Testing Agency Requirements
   a. If the geotechnical representative on site takes exception to anything in the Geotechnical Report and requires additional field investigation to clarify those exceptions, the cost of such investigation shall be included in the additional fee for field quality control and testing and identified as such. All other exceptions shall be documented and approved by the geotechnical engineer.
   b. The geotechnical representative shall have read all documents pertaining to the geotechnical report for the project and have understood and accepted the criteria contained in the report.
   c. The geotechnical representative must understand and be able to make decisions affecting the work for field observations and conditions described in the report during construction. The representative must be capable of advising the owner or contractor for procedures regarding, but not limited to, sub-grade preparation, dewatering activities, and other construction considerations.
7. See notes on sheets and details for additional information.

H. POST-INSTALLED ANCHORS TO CONCRETE AND MASONRY

1. Post installed anchors shall be expansion, adhesive, or screw anchors as indicated in the details, unless noted otherwise. Only use the anchor type indicated. All anchors on the project of each type must be by the same manufacturer, see below for substitution requirements.
   a. Expansion anchors:
      i. Concrete:
         Hilti Kwik Bolt TZ (ICC-ES ESR1917).
         Simpson Strong-Bolt 2 (ICC-ES ESR3037).
         DeWalt Power-Stud+ SD2 (ICC-ES ESR2502).
      ii. Grout-filled Concrete Masonry:
         Hilti Kwik Bolt 3 (ICC-ES ESR1385).
         Simpson Strong-Bolt 2 (UES ER0240)
         DeWalt Power-Stud+ SD1 (ICC-ES ESR2966).
   b. Adhesive anchors (threaded rods shall be ASTM A193 B7 for all anchors):
      i. Concrete:
         Hilti HIT RE 500-SD (ICC-ES ESR2322) or Hilti HIT-HY 200 (ICC-ES ESR3187).
         Simpson AT-XP (UES ER263), SET-XP (ICC-ES ESR3372)
         DeWalt Pure 110+ (ICC-ES ESR3298), PE1000+ (ICC-ES ESR2583), Pure 50+ (ICC-ES ESR3576), AC 200+ (ICC-ES ESR4027), or AC100+ Gold (ICC-ES ESR2582)
      ii. Solid grouted concrete masonry:
         Hilti HIT-HY 70 anchor adhesive (ICC-ES ESR3342).
         Simpson AT-XP (UES ER0281), SET-XP (UES ER0265) or ET-HP (UES ER0241)
         DeWalt AC100+ Gold (ICC-ES ESR3200)
      iii. Hollow concrete or multi-wythe clay masonry:
         Hilti HIT-HY 70 with screen tubes (ICC-ES ESR3342).
         Simpson SET-XP (UES ER0265)
         DeWalt AC100+ Gold with screen tubes (ICC-ES ESR3200)
   c. Screw anchors:
      i. Concrete:
         Hilti Kwik HUS EZ (ICC-ES ESR3027)
         Simpson Titen HD (ICC-ES ESR2713)
         DeWalt Screw-Bolt+ (ICC-ES ESR2526)
      ii. Grout-filled concrete masonry:
         Hilti Kwik HUS EZ (ICC-ES ESR3056)
         Simpson Titen HD (ICC-ES ESR1056)
         DeWalt Screw-Bolt+ (ICC-ES ESR1678)
2. Post-installed anchors shall only be used where specified in the drawings. The Contractor shall obtain approval from the engineer prior to using post-installed anchors for missing or misplaced cast-in-place anchors.
3. All personnel installing anchors shall be trained and certified by the anchoring system manufacturer or by ACI. Contractor shall submit current certifications for all personnel. ACI certification required for all personnel installing adhesive anchors in a horizontal or overhead conditions. If a failure occurs at any time during testing or construction, personnel shall be retrained and recertified.
4. Installation:
   a. Do not cut existing reinforcing.
   b. The hole through the supported steel member shall be 1/16" larger in diameter (1/8" for screw anchors) than the anchor unless noted otherwise. Use plate washers with a standard size hole welded to steel members where oversized holes must be used.
   c. Holes shall be drilled per the manufacturer's written instructions as outlined in the ESR.
   d. Where applicable, installation shall follow cleaning procedure indicated in the ESR. Holes shall be made with a hammer drill. Use of a core drill is not allowed.
5. Special inspection shall be provided for all post installed anchors as required by the building code and/or ICC-ES report. Written special inspection reports shall be submitted to the registered design professional in responsible charge by the special inspector. The reports shall record and report the following as a minimum:
   a. One of every ten anchors installed by each technician in locations listed below shall be randomly tested in direct tension. At least one anchor shall be tested on each day that anchors are installed.
      i. Test anchors in the following locations:
         Shear wall hold down anchors.
         Shear wall sill plate anchors.
         Anchors supporting dead or live loads in tension.
      ii. Test anchor to twice the allowable tension load as provided in the ESR. Test load shall not exceed 80 percent of the yield strength of the anchor ($0.8 \times A_{se} \times f_{ya}$).
      iii. Post-installed anchors shall not be tested using a torque wrench.
      iv. If any anchor fails quality control testing, all anchors of the same type shall be randomly tested until (10) consecutive anchors pass. Resume normal frequency after this with approval of the engineer. The failed anchor(s) shall be removed and the affected area patched per engineer's direction. Consult the engineer for anchor replacement instructions. The cost for additional work and testing required due to anchor failure is the responsibility of the installing contractor.
   b. Prior to and during installation of anchors, inspection and report shall include:
      i. Installer shall have reviewed manufacturer's ESR report and written installation procedures and has been certified by the manufacturer or ACI.
      ii. General concrete or CMU block conditions (cracked or un-cracked, wet or dry, grouted or hollow, etc).
      iii. Whether manufacture's written procedures for preparation of hole were followed. Indicate if hole is wet or dry.
      iv. Whether hole was made with a hammer drill
      v. Whether manufacture's written procedures for anchor installation were followed.
      vi. Embedment depth and concrete or block thickness.
      vii. Anchor diameter, length and type.
   c. After installing anchors, inspection and report shall include:
      i. All test locations.
      ii. Anchor size and/or type.
      iii. Applied load, loading procedure, load increments and rate of loading.
      iv. Mode of failure.
      v. Photographs of test equipment and typical failures.
6. Substitution requests for products other than those listed above shall be submitted to the engineer with calculations that are prepared and sealed by a registered structural engineer at least two weeks prior to scheduled installations. Calculations shall demonstrate that the substituted product will achieve an equivalent capacity using the appropriate design procedure required by the building code. Product ICC-ES code reports shall be included with the submittal package.

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2 12/24/2024 Addendum 2

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
GENERAL NOTES

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S001

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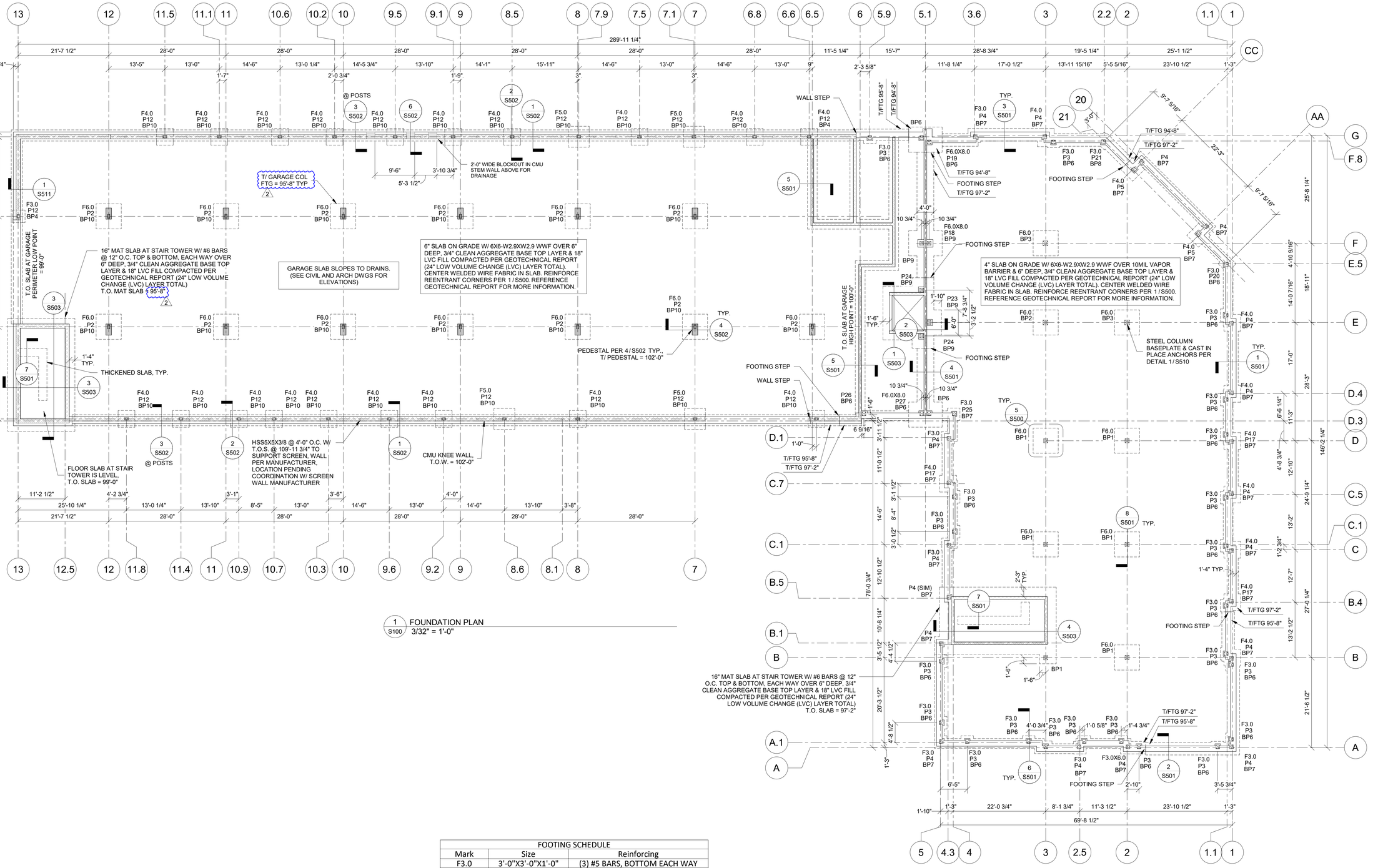

1 S100 FOUNDATION PLAN
3/32" = 1'-0"

FOOTING SCHEDULE		
Mark	Size	Reinforcing
F3.0	3'-0"X3'-0"X1'-0"	(3) #5 BARS, BOTTOM EACH WAY
F4.0	4'-0"X4'-0"X1'-0"	(4) #5 BARS, BOTTOM EACH WAY
F5.0	5'-0"X5'-0"X1'-0"	(5) #5 BARS, BOTTOM EACH WAY
F6.0	6'-0"X6'-0"X1'-4"	(6) #5 BARS, BOTTOM EACH WAY
F3.0X6.0	3'-0"X6'-0"X1'-0"	(6) #5 BARS, BOTTOM SHORT (3) #5 BARS, BOTTOM LONG
F4.0X6.0	4'-0"X6'-0"X1'-0"	(6) #5 BARS, BOTTOM SHORT (4) #5 BARS, BOTTOM LONG
F6.0X8.0	4'-0"X6'-0"X1'-0"	(8) #5 BARS, BOTTOM SHORT (6) #5 BARS, BOTTOM LONG

Notes:
1. All footings must be centered on walls and columns U.N.O.

FOUNDATION PLAN LEGEND

F#.##	FOOTING TYPE
P#	PEDESTAL TYPE
BP#	BASE PLATE TYPE (SEE SHEET S503 FOR BASE PLATE AND ANCHOR DETAILS)
	CMU WALL ABOVE

FOUNDATION PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN BENCHMARK ELEAVTION. FOR REFERENCE ELEVATIONS, SEE BELOW (VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS).
   - LEVEL 01 T.O. SLAB 100'-0"
   - PARKING T.O. SLAB VARIES, SEE PLAN
2. SEE SHEET S099 FOR FOUNDATION WALL DIMENSIONS.
3. PROVIDE CONTROL JOINTS IN SLAB ON GRADE PER DETAIL 4 / S500 AND PER GENERAL NOTES.
4. PLUMBING FIXTURES AND FLOOR DRAINS ARE TO BE COORDINATED PER ARCH. & MEP DRAWINGS.
5. REFER TO MANUFACTURER'S GUIDELINES FOR INSTALLATION OF STRAP TIES, HOLD DOWNS & OTHER CONNECTIONS.
6. SEE SHEETS S500 AND S501 FOR FOUNDATION DETAILS.

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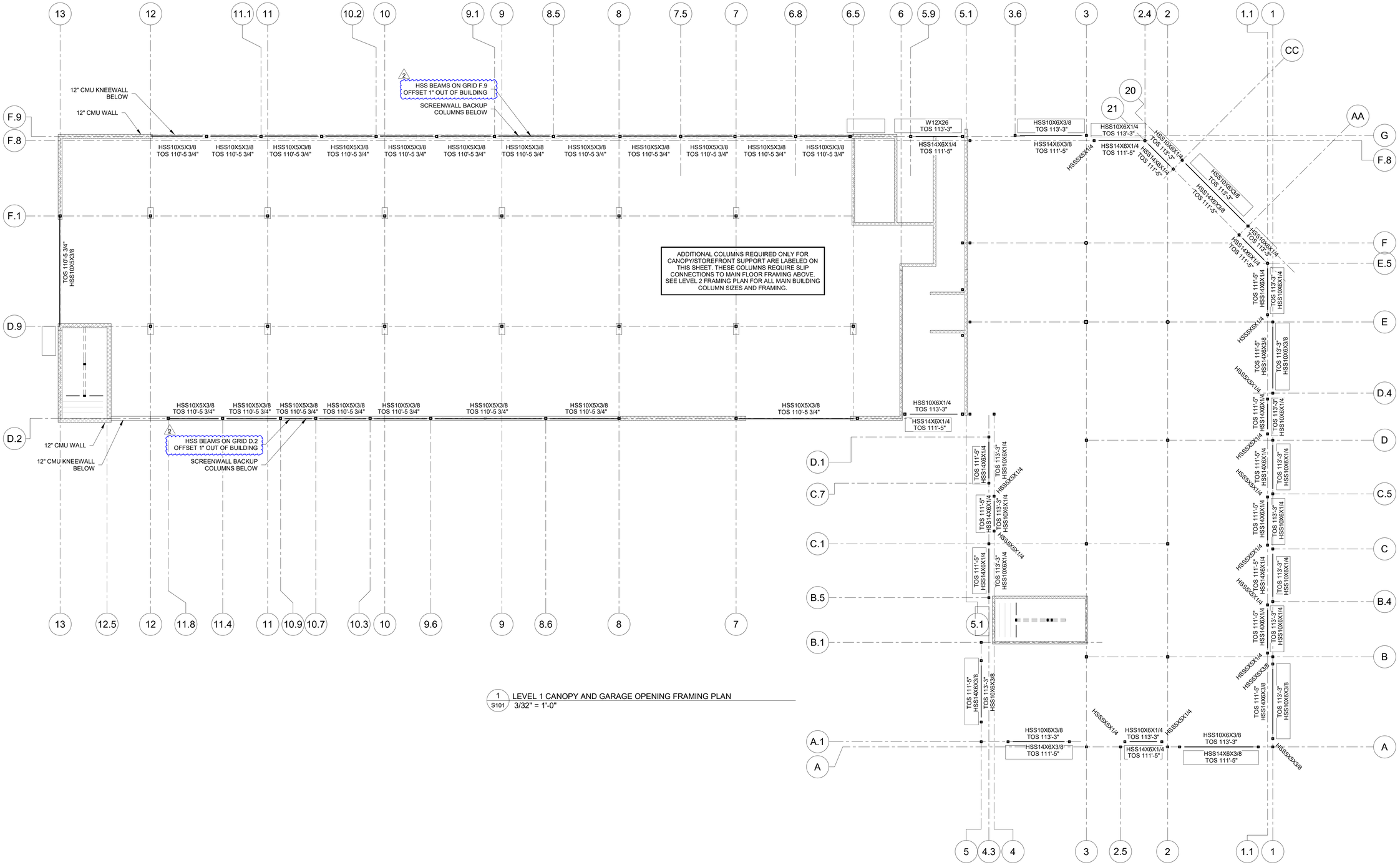
THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
FOUNDATION PLAN

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S100


12" CMU KNEEWALL BELOW
12" CMU WALL
HSS BEAMS ON GRID F.9 OFFSET 1" OUT OF BUILDING
SCREENWALL BACKUP COLUMNS BELOW
HSS10X5X3/8 TOS 110'-5 3/4"
HSS10X5X3/8 TOS 110'-5 3/4"
HSS10X5X3/8 TOS 110'-5 3/4"
HSS10X5X3/8 TOS 110'-5 3/4"
HSS10X5X3/8 TOS 110'-5 3/4"
HSS10X5X3/8 TOS 110'-5 3/4"
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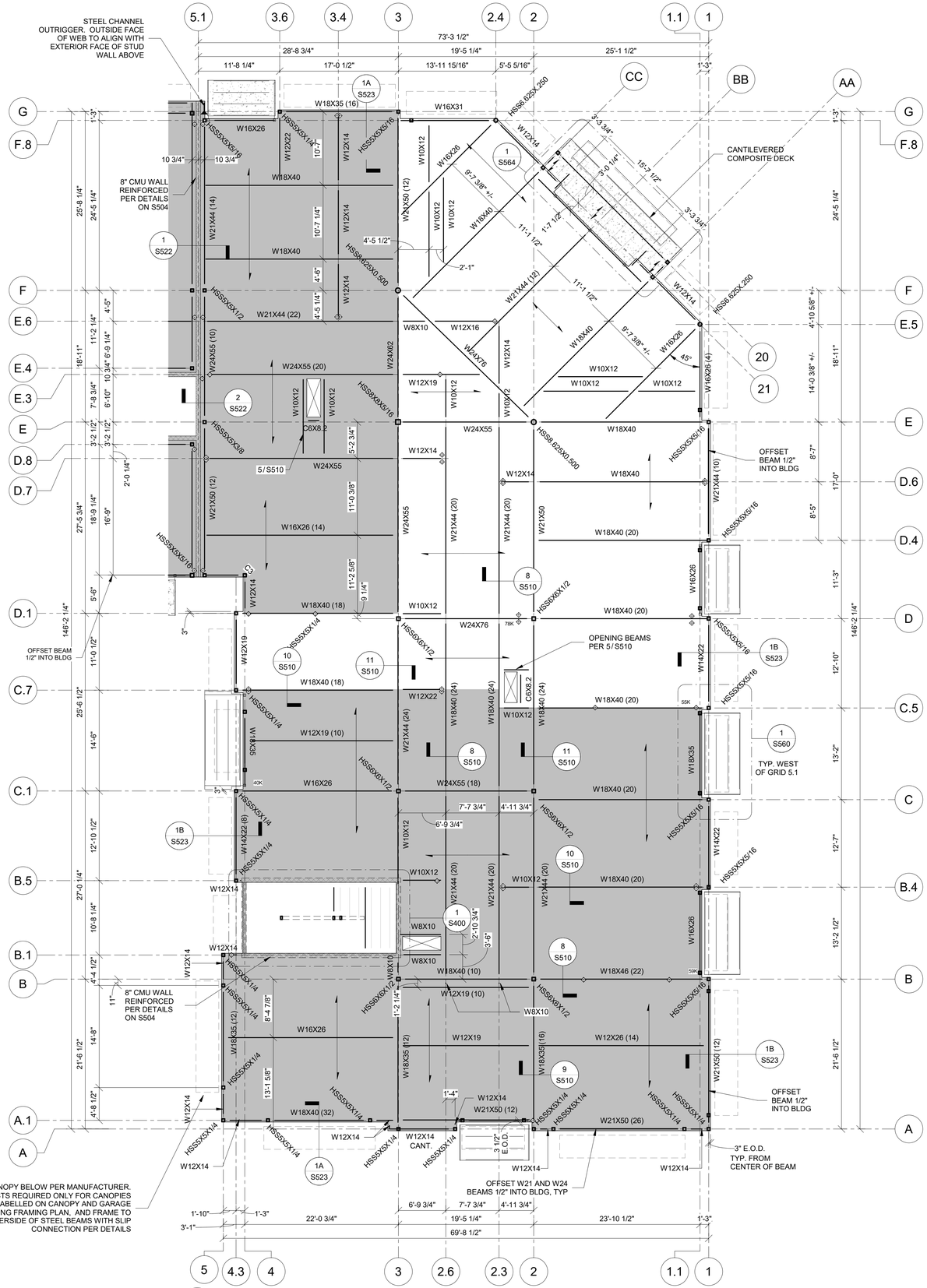
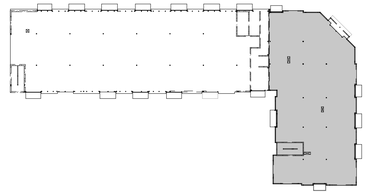
HSS10X5X3/8 TOS 110'-5 3/4"
HSS10X5X3/8 TOS 110'-5 3/4"
HSS10X5X3/8 TOS 110'-5 3/4"
W12X26 TOS 113'-3"
HSS14X6X1/4 TOS 111'-5"
HSS10X6X3/8 TOS 113'-3"
HSS14X6X3/8 TOS 111'-5"
HSS5X6X1/4
HSS10X6X1/4 TOS 113'-3"
HSS14X6X1/4 TOS 111'-5"
HSS14X6X1/4
HSS10X6X3/8 TOS 113'-3"
HSS14X6X3/8 TOS 111'-5"
TOS 110'-5 3/4" HSS10X5X3/8
ADDITIONAL COLUMNS REQUIRED ONLY FOR CANOPY/STOREFRONT SUPPORT ARE LABELED ON THIS SHEET. THESE COLUMNS REQUIRE SLIP CONNECTIONS TO MAIN FLOOR FRAMING ABOVE. SEE LEVEL 2 FRAMING PLAN FOR ALL MAIN BUILDING COLUMN SIZES AND FRAMING.
HSS10X6X1/4 TOS 113'-3"
HSS14X6X1/4 TOS 111'-5"
HSS10X6X3/8 TOS 113'-3"
HSS14X6X3/8 TOS 111'-5"
HSS10X6X1/4 TOS 113'-3"
HSS14X6X1/4 TOS 111'-5"
HSS5X6X1/4
HSS10X6X3/8 TOS 113'-3"
HSS14X6X3/8 TOS 111'-5"
HSS10X6X1/4 TOS 113'-3"
HSS14X6X1/4 TOS 111'-5"



1 S102A LEVEL 2 FRAMING PLAN - ZONE A
1/8" = 1'-0"



LEVEL 2 - KEY MAP - ZONE A

NOTE:
HSS BEAM ELEVATIONS ADJUSTED
2

MINIMUM DESIGN REACTION SCHEDULE
(FOR BEAM REACTIONS NOT SHOWN ON PLANS OR DETAILS)

Beam	Min. No. of Bolts	Shear Tab to Column	Double Angle to Beam
W8	2	12.4 Kips	12.4 Kips
W10	2	13.8 Kips	13.8 Kips
W12	3	23.0 Kips	23.0 Kips
W14	3	26.4 Kips	26.4 Kips
W16	4	39.0 Kips	39.0 Kips
W18	5	53.0 Kips	59.1 Kips
W21	6	63.6 Kips	83.6 Kips
W24	7	74.2 Kips	110.6 Kips
W27	7	74.2 Kips	128.6 Kips
W30	8	84.8 Kips	151.3 Kips
W33	9	95.4 Kips	185.0 Kips
W36	10	103.0 Kips	205.0 Kips

Note: Unless reactions are noted on plan, beam connections shall be designed for these reactions & provided with these minimum bolt quantities. Fabricator shall provide shop drawings indicating the provided capacity of all typical connections.
Table assumptions:
- Least web thickness for beam depth series
- 3/8" 36 ksi single shear plate or 5/16" 36 ksi double angles
- 3/4" dia. A325 bolts with threads included
- Standard size bolt holes
- Beam coped top & bottom
- Distance from end of beam to center of bolt holes = 1 1/2" minimum...

PLAN LEGEND

BEAM SHAPE — NUMBER OF STUDS
W###X## (#)

BEAM ANNOTATION LEGEND

Notes:
1. See sheet S505 for typical steel details.
2. See sheet S505 for base plate and cap plate size.

- SHEAR WALL HOLD DOWN PER SHEAR WALL SCHEDULE, SEE S004, SEE ALSO 7 / S550 ↄ ON SHEET S550
- CMU WALL
- SHADING DENOTES SF 2 / S524 COMPOSITE DECK FASTENING PATTERN PER GENERAL NOTES SECTION M
- DENOTES COMPOSITE DECK SPAN DIRECTION
- P# PEDESTAL TYPE
- BP# BASEPLATE TYPE

LEVEL 2 FRAMING PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN BENCHMARK ELEVATION. FOR REFERENCE ELEVATIONS, SEE BELOW (VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.)
   - LEVEL 02 F.F. (T.O. CONC.) 116'-0"
2. T.O.S. FOR STEEL FRAMING IS -0'-5 1/2" (115'-6 1/2") UNLESS NOTED OTHERWISE ON PLAN. HEADED ANCHOR STUDS TO BE 3/4" DIA. x 4 1/2" LONG
3. THE LEVEL 2 STRUCTURE IS TO BE COMPOSITE DECK OVER STEEL BEAMS WITH 3/4" DIA 4-1/2" LONG HEADED ANCHOR STUDS. COMPOSITE DECK SHALL BE 3" DEEP 20GA COMPOSITE DECK W/ 2-1/2" LIGHTWEIGHT CONCRETE (5-1/2" TOTAL). SEE GENERAL NOTES SECTION "M" FOR FASTENING.
4. PLUMBING FIXTURES, SHAFTS, AND FLOOR DRAINS ARE TO BE COORDINATED PER ARCH. & MEP DRAWINGS.
5. SEE ARCHITECTURAL FLOOR PLAN FOR NON-BEARING WALL, DOOR, AND WINDOW LOCATIONS.
6. SEE ARCHITECTURAL DRAWINGS FOR ALL RAILING DETAILS. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
7. REFER TO MANUFACTURER'S GUIDELINES FOR INSTALLATION OF STRAP TIES, HOLD DOWNS & OTHER CONNECTIONS.
8. REFER TO ARCHITECTURAL PLANS FOR STAIR DIMENSIONS AND REQUIREMENTS. REFER TO STRUCTURAL GENERAL NOTES FOR STAIR DESIGN CRITERIA.

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EXPIRES: DECEMBER 31, 2024

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
LEVEL 2 FRAMING PLAN ZONE A

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S102A

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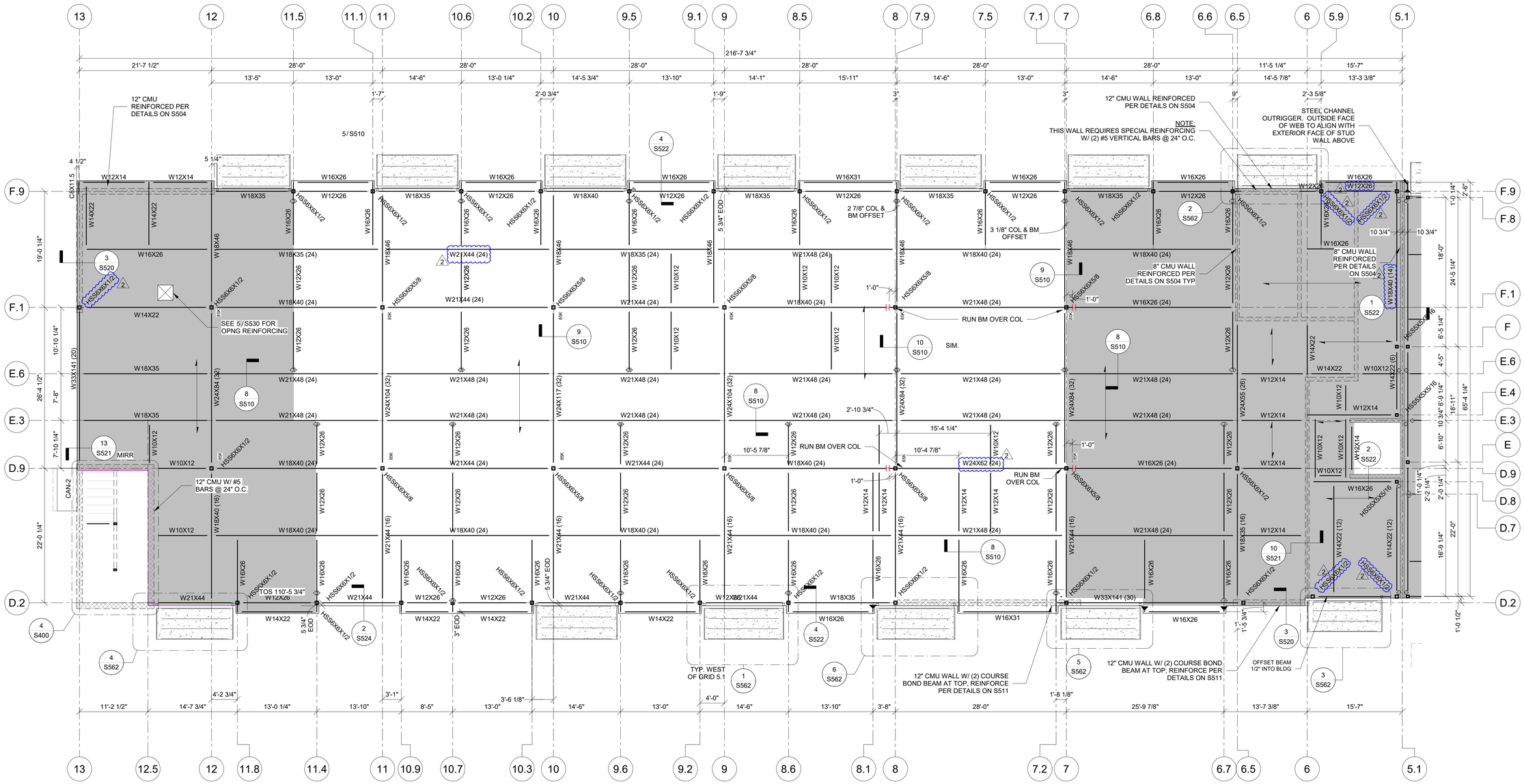
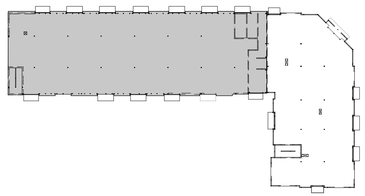


1 S102B LEVEL 2 FRAMING PLAN - ZONE B
1/8" = 1'-0"

NOTE:
HSS BEAM ELEVATIONS ADJUSTED

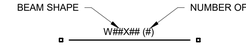


LEVEL 2 - KEY MAP - ZONE B

MINIMUM DESIGN REACTION SCHEDULE
(FOR BEAM REACTIONS NOT SHOWN ON PLANS OR DETAILS)

Beam	Min. No. of Bolts	Shear Tab to Column	Double Angle to Beam
W8	2	12.4 Kips	12.4 Kips
W10	2	13.8 Kips	13.8 Kips
W12	3	23.0 Kips	23.0 Kips
W14	3	26.4 Kips	26.4 Kips
W16	4	39.0 Kips	39.0 Kips
W18	5	53.0 Kips	59.1 Kips
W21	6	63.6 Kips	83.6 Kips
W24	7	74.2 Kips	110.6 Kips
W27	7	74.2 Kips	128.6 Kips
W30	8	84.8 Kips	151.3 Kips
W33	9	95.4 Kips	185.0 Kips
W36	10	103.0 Kips	205.0 Kips

Note: Unless reactions are noted on plan, beam connections shall be designed for these reactions & provided with these minimum bolt quantities. Fabricator shall provide shop drawings indicating the provided capacity of all typical connections.
Table assumptions:
- Least web thickness for beam depth series
- 3/8" 36 ksi single shear plate or 5/16" 36 ksi double angles
- 3/4" dia. A325 bolts with threads included
- Standard size bolt holes
- Beam coped top & bottom
- Distance from end of beam to center of bolt holes = 1 1/2" minimum...



BEAM ANNOTATION LEGEND

Notes:
1. See sheet S505 for typical steel details.
2. See sheet S505 for base plate and cap plate size.

PLAN LEGEND

- SHEAR WALL HOLD DOWN PER SHEAR WALL SCHEDULE, SEE S004, SEE ALSO 7/ S550 3 ON SHEET S550
- CMU WALL
- SHADING DENOTES SF 2/ S524 COMPOSITE DECK FASTENING PATTERN PER GENERAL NOTES SECTION M
- DENOTES COMPOSITE DECK SPAN DIRECTION
- P# PEDESTAL TYPE
- BP# BASEPLATE TYPE

LEVEL 2 FRAMING PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN BENCHMARK ELEVATION. FOR REFERENCE ELEVATIONS, SEE BELOW (VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.)
   - LEVEL 02 F.F. (T.O. CONC.) 116'-0"
2. T.O.S. FOR STEEL FRAMING IS -0'-5 1/2" (115'-6 1/2") UNLESS NOTED OTHERWISE ON PLAN. HEADED ANCHOR STUDS TO BE 3/4" DIA. x 4 1/2" LONG
3. THE LEVEL 2 STRUCTURE IS TO BE COMPOSITE DECK OVER STEEL BEAMS WITH 3/4" DIA 4-1/2" LONG HEADED ANCHOR STUDS. COMPOSITE DECK SHALL BE 3" DEEP 20GA COMPOSITE DECK W/ 2-1/2" LIGHTWEIGHT CONCRETE (5-1/2" TOTAL). SEE GENERAL NOTES SECTION "M" FOR FASTENING.
4. PLUMBING FIXTURES, SHAFTS, AND FLOOR DRAINS ARE TO BE COORDINATED PER ARCH. & MEP DRAWINGS.
5. SEE ARCHITECTURAL FLOOR PLAN FOR NON-BEARING WALL, DOOR, AND WINDOW LOCATIONS.
6. SEE ARCHITECTURAL DRAWINGS FOR ALL RAILING DETAILS. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
7. REFER TO MANUFACTURER'S GUIDELINES FOR INSTALLATION OF STRAP TIES, HOLD DOWNS & OTHER CONNECTIONS.
8. REFER TO ARCHITECTURAL PLANS FOR STAIR DIMENSIONS AND REQUIREMENTS. REFER TO STRUCTURAL GENERAL NOTES FOR STAIR DESIGN CRITERIA.

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
LEVEL 2 FRAMING PLAN ZONE B

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S102B

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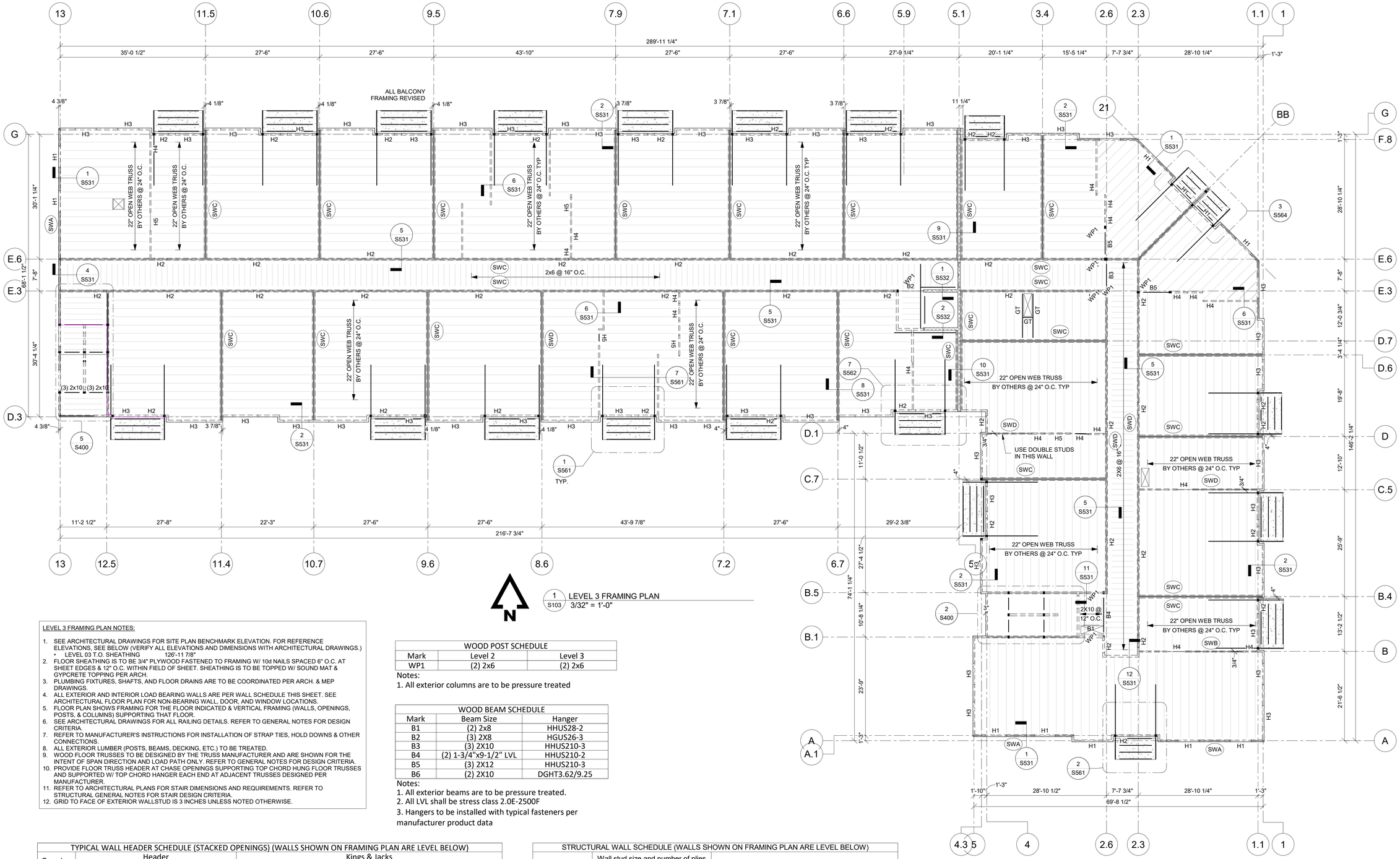

1 S103 LEVEL 3 FRAMING PLAN
3/32" = 1'-0"

LEVEL 3 FRAMING PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN BENCHMARK ELEVATION. FOR REFERENCE ELEVATIONS, SEE BELOW (VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.)
   - LEVEL 03 T.O. SHEATHING 126'-11 7/8"
2. FLOOR SHEATHING IS TO BE 3/4" PLYWOOD FASTENED TO FRAMING W/ 10d NAILS SPACED 6" O.C. AT SHEET EDGES & 12" O.C. WITHIN FIELD OF SHEET. SHEATHING IS TO BE TOPPED W/ SOUND MAT & GYPCRETE TOPPING PER ARCH.
3. PLUMBING FIXTURES, SHAFTS, AND FLOOR DRAINS ARE TO BE COORDINATED PER ARCH. & MEP DRAWINGS.
4. ALL EXTERIOR AND INTERIOR LOAD BEARING WALLS ARE PER WALL SCHEDULE THIS SHEET. SEE ARCHITECTURAL FLOOR PLAN FOR NON-BEARING WALL, DOOR, AND WINDOW LOCATIONS.
5. FLOOR PLAN SHOWS FRAMING FOR THE FLOOR INDICATED & VERTICAL FRAMING (WALLS, OPENINGS, POSTS, & COLUMNS) SUPPORTING THAT FLOOR.
6. SEE ARCHITECTURAL DRAWINGS FOR ALL RAILING DETAILS. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
7. REFER TO MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF STRAP TIES, HOLD DOWNS & OTHER CONNECTIONS.
8. ALL EXTERIOR LUMBER (POSTS, BEAMS, DECKING, ETC.) TO BE TREATED.
9. WOOD FLOOR TRUSSES TO BE DESIGNED BY THE TRUSS MANUFACTURER AND ARE SHOWN FOR THE INTENT OF SPAN DIRECTION AND LOAD PATH ONLY. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
10. PROVIDE FLOOR TRUSS HEADER AT CHASE OPENINGS SUPPORTING TOP CHORD HUNG FLOOR TRUSSES AND SUPPORTED W/ TOP CHORD HANGER EACH END AT ADJACENT TRUSSES DESIGNED PER MANUFACTURER.
11. REFER TO ARCHITECTURAL PLANS FOR STAIR DIMENSIONS AND REQUIREMENTS. REFER TO STRUCTURAL GENERAL NOTES FOR STAIR DESIGN CRITERIA.
12. GRID TO FACE OF EXTERIOR WALLSTUD IS 3 INCHES UNLESS NOTED OTHERWISE.

WOOD POST SCHEDULE		
Mark	Level 2	Level 3
WP1	(2) 2x6	(2) 2x6

Notes:
1. All exterior columns are to be pressure treated

WOOD BEAM SCHEDULE		
Mark	Beam Size	Hanger
B1	(2) 2x8	HHUS28-2
B2	(3) 2X8	HGUS26-3
B3	(3) 2X10	HHUS210-3
B4	(2) 1-3/4"x9-1/2" LVL	HHUS210-2
B5	(3) 2X12	HHUS210-3
B6	(2) 2X10	DGHT3.62/9.25

Notes:
1. All exterior beams are to be pressure treated.
2. All LVL shall be stress class 2.0E-2500F
3. Hangers to be installed with typical fasteners per manufacturer product data

TYPICAL WALL HEADER SCHEDULE (STACKED OPENINGS) (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW)						
Opening Mark	Header		Kings & Jacks			
	Level 2	Level 3	Level 2		Level 3	
			Kings	Jacks	Kings	Jacks
H1	(3) 2x10	(3) 2x8	(1) 2x6	(1) 2x6	(1) 2x6	(1) 2x6
H2	(3) 2x8	(3) 2x8	(1) 2x6	(1) 2x6	(1) 2x6	(1) 2x6
H3	(3) 2x8	(3) 2x10	(1) 2x6	(1) 2x6	(1) 2x6	(1) 2x6
H4	(2) 2x12	(2) 2x8	(2) 2x4	(1) 2x4	(1) 2x4	(1) 2x4
H5	(2) LVL 1-3/4 x 11-7/8	(2) 2x8	(1) 2x4	(2) 2x4	(1) 2x4	(1) 2x4
H6	(2) LVL 1-3/4 x 20	(2) 2x8	(2) 2x4	(2) 2x4	(2) 2x4	(1) 2x4

H# = An opening which requires a header

Notes:
1. See S500 for typical opening framing.
2. All openings should stack according to the plans.
3. Coordinate all dimensions and elevations with architectural drawings.
4. Cripple studs should match the adjacent wall framing.
5. All LVL shall be stress class 2.0E-2500F
6. All Glulam shall be stress class 24F-1.8E

STRUCTURAL WALL SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW)			
Location	Wall stud size and number of plies @ 16" o.c. U.N.O. on plan		SHEATHING & FASTENING U.N.O. (See Note 4)
	Level 2	Level 3	
EXTERIOR	(1) 2x6	(1) 2x6	15/32" Structural wood sheathing fastened w/ 10d nails. 6" o.c. edges , 12" o.c. field
DOUBLE WALLS BETWEEN UNITS	(1) 2x4	(1) 2x4	5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edges, 7" o.c. field
WITHIN UNITS	(2) 2x4	(1) 2x4	5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge, 7" o.c. field
CORRIDOR	(1) 2x6	(1) 2x6	5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge, 7" o.c. field

Notes:
1. Sill plates at podium level to be fastened w/ 3/8"Ø x 3-1/2" Hilti Kwik HUS EZ bolts @ 48" o.c. U.N.O.
2. Top and bottom plates at all other levels to be fastened w/ (2) 16d nails @ 16" o.c. U.N.O.
3. Shear walls shall be sheathed per Shear Wall Schedule
4. Non-structural walls not shown, refer to architectural drawings.
5. All top plates are to be continuous. Splice per 4/510.

PLAN LEGEND

- SW# — SHEAR WALL, PER SCHEDULE
- H# — HEADER TYPE, PER SCHEDULE
- WP# — WOOD POST, PER SCHEDULE
- C# — STEEL COLUMN, PER SCHEDULE
- BEARING WALL BELOW
- SHEAR WALL BELOW
- CMU WALL

PRINTS ISSUED
11/12/2024 - PERMIT SUBMITTAL

REVISIONS:
1 12/04/2024 City Comments Response
2 12/24/2024 Addendum 2

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
LEVEL 3 FRAMING PLAN

PROJECT NUMBER: 2023000333

SHEET NUMBER:
S103

12/24/2024 2:03:26 PM
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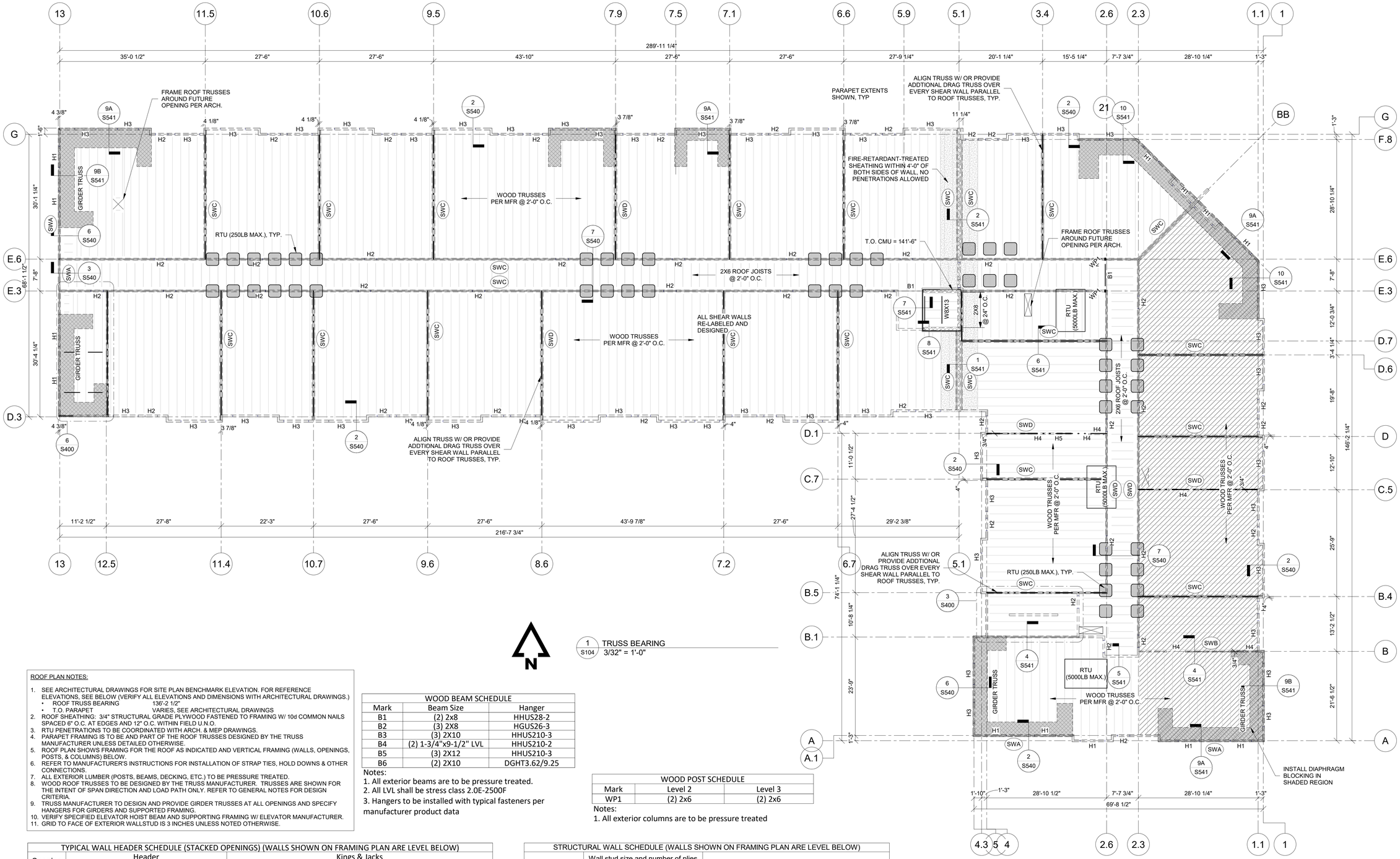

1 S104 TRUSS BEARING
3/32" = 1'-0"

ROOF PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN BENCHMARK ELEVATION. FOR REFERENCE ELEVATIONS, SEE BELOW (VERIFY ALL ELEVATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.)
   - ROOF TRUSS BEARING 136'-2 1/2"
   - T.O. PARAPET VARIES, SEE ARCHITECTURAL DRAWINGS
2. ROOF SHEATHING: 3/4" STRUCTURAL GRADE PLYWOOD FASTENED TO FRAMING W/ 10d COMMON NAILS SPACED 6" O.C. AT EDGES AND 12" O.C. WITHIN FIELD U.N.O.
3. RTU PENETRATIONS TO BE COORDINATED WITH ARCH. & MEP DRAWINGS.
4. PARAPET FRAMING IS TO BE AND PART OF THE ROOF TRUSSES DESIGNED BY THE TRUSS MANUFACTURER UNLESS DETAILED OTHERWISE.
5. ROOF PLAN SHOWS FRAMING FOR THE ROOF AS INDICATED AND VERTICAL FRAMING (WALLS, OPENINGS, POSTS, & COLUMNS) BELOW.
6. REFER TO MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF STRAP TIES, HOLD DOWNS & OTHER CONNECTIONS.
7. ALL EXTERIOR LUMBER (POSTS, BEAMS, DECKING, ETC.) TO BE PRESSURE TREATED.
8. WOOD ROOF TRUSSES TO BE DESIGNED BY THE TRUSS MANUFACTURER. TRUSSES ARE SHOWN FOR THE INTENT OF SPAN DIRECTION AND LOAD PATH ONLY. REFER TO GENERAL NOTES FOR DESIGN CRITERIA.
9. TRUSS MANUFACTURER TO DESIGN AND PROVIDE GIRDER TRUSSES AT ALL OPENINGS AND SPECIFY HANGERS FOR GIRDERS AND SUPPORTED FRAMING.
10. VERIFY SPECIFIED ELEVATOR HOIST BEAM AND SUPPORTING FRAMING W/ ELEVATOR MANUFACTURER.
11. GRID TO FACE OF EXTERIOR WALLSTUD IS 3 INCHES UNLESS NOTED OTHERWISE.

WOOD BEAM SCHEDULE		
Mark	Beam Size	Hanger
B1	(2) 2x8	HHUS28-2
B2	(3) 2X8	HGUS26-3
B3	(3) 2X10	HHUS210-3
B4	(2) 1-3/4"x9-1/2" LVL	HHUS210-2
B5	(3) 2X12	HHUS210-3
B6	(2) 2X10	DGHT3.62/9.25

Notes:
1. All exterior beams are to be pressure treated.
2. All LVL shall be stress class 2.0E-2500F
3. Hangers to be installed with typical fasteners per manufacturer product data

WOOD POST SCHEDULE		
Mark	Level 2	Level 3
WP1	(2) 2x6	(2) 2x6

Notes:
1. All exterior columns are to be pressure treated

TYPICAL WALL HEADER SCHEDULE (STACKED OPENINGS) (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW)						
Opening Mark	Header		Kings & Jacks			
	Level 2	Level 3	Level 2		Level 3	
			Kings	Jacks	Kings	Jacks
H1	(3) 2x10	(3) 2x8	(1) 2x6	(1) 2x6	(1) 2x6	(1) 2x6
H2	(3) 2x8	(3) 2x8	(1) 2x6	(1) 2x6	(1) 2x6	(1) 2x6
H3	(3) 2x8	(3) 2x10	(1) 2x6	(1) 2x6	(1) 2x6	(1) 2x6
H4	(2) 2x12	(2) 2x8	(2) 2x4	(1) 2x4	(1) 2x4	(1) 2x4
H5	(2) LVL 1-3/4 x 11-7/8	(2) 2x8	(1) 2x4	(2) 2x4	(1) 2x4	(1) 2x4
H6	(2) LVL 1-3/4 x 20	(2) 2x8	(2) 2x4	(2) 2x4	(2) 2x4	(1) 2x4

H# = An opening which requires a header

Notes:
1. See S500 for typical opening framing.
2. All openings should stack according to the plans.
3. Coordinate all dimensions and elevations with architectural drawings.
4. Cripple studs should match the adjacent wall framing.
5. All LVL shall be stress class 2.0E-2500F
6. All Glulam shall be stress class 24F-1.8E

STRUCTURAL WALL SCHEDULE (WALLS SHOWN ON FRAMING PLAN ARE LEVEL BELOW)			
Location	Wall stud size and number of plies @ 16" o.c. U.N.O. on plan		SHEATHING & FASTENING U.N.O. (See Note 4)
	Level 2	Level 3	
EXTERIOR	(1) 2x6	(1) 2x6	15/32" Structural wood sheathing fastened w/ 10d nails. 6" o.c. edges , 12" o.c. field
DOUBLE WALLS BETWEEN UNITS	(1) 2x4	(1) 2x4	5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edges, 7" o.c. field
WITHIN UNITS	(2) 2x4	(1) 2x4	5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge, 7" o.c. field
CORRIDOR	(1) 2x6	(1) 2x6	5/8" Gypsum wallboard fastened w/ 1 5/8" Type W screws 7" o.c. edge, 7" o.c. field

Notes:
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2. Top and bottom plates at all other levels to be fastened w/ (2) 16d nails @ 16" o.c. U.N.O.
3. Shear walls shall be sheathed per Shear Wall Schedule
4. Non-structural walls not shown, refer to architectural drawings.
5. All top plates are to be continuous. Splice per 4/510.

PLAN LEGEND

- SW# — SHEAR WALL, PER SCHEDULE
- H# — HEADER TYPE, PER SCHEDULE
- WP# — WOOD POST, PER SCHEDULE
- C# — STEEL COLUMN, PER SCHEDULE
- BEARING WALL BELOW
- SHEAR WALL BELOW
- CMU WALL

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11/12/2024 - PERMIT SUBMITTAL

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
ROOF FRAMING PLAN

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S104

12/24/2024 2:03:31 PM
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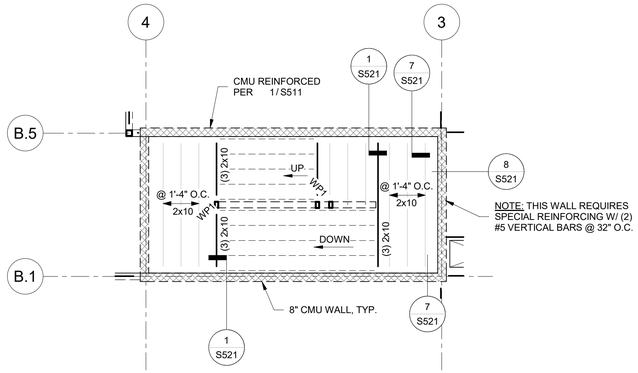
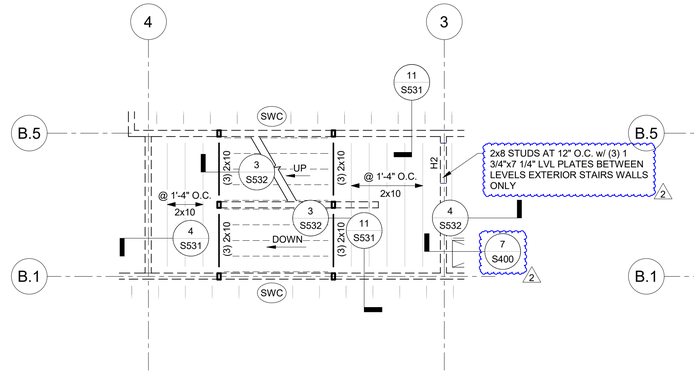
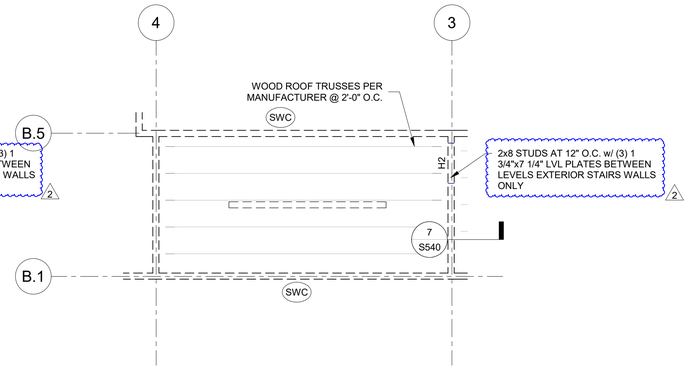


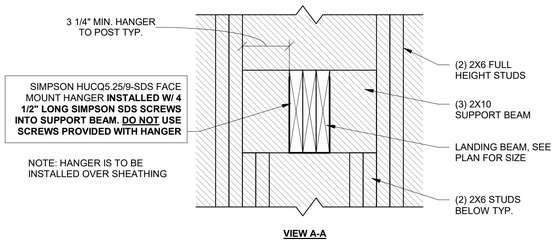
1 S400 SOUTH STAIR TOWER AT LEVEL 2
3/16" = 1'-0"



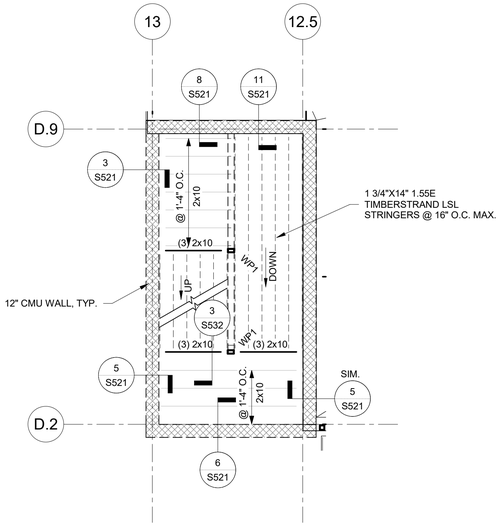
2 S400 SOUTH STAIR TOWER AT LEVEL 3
3/16" = 1'-0"



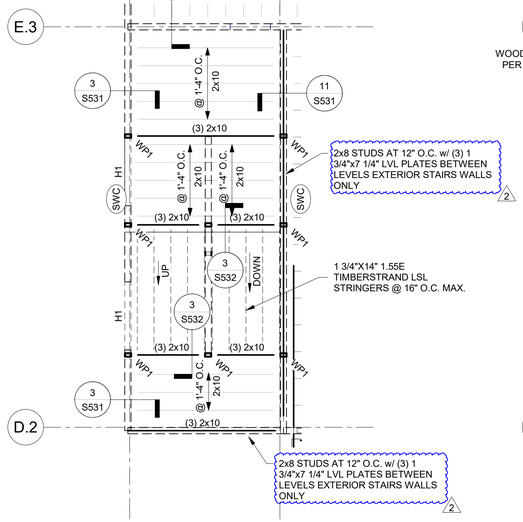
3 S400 SOUTH STAIR TOWER AT ROOF
3/16" = 1'-0"



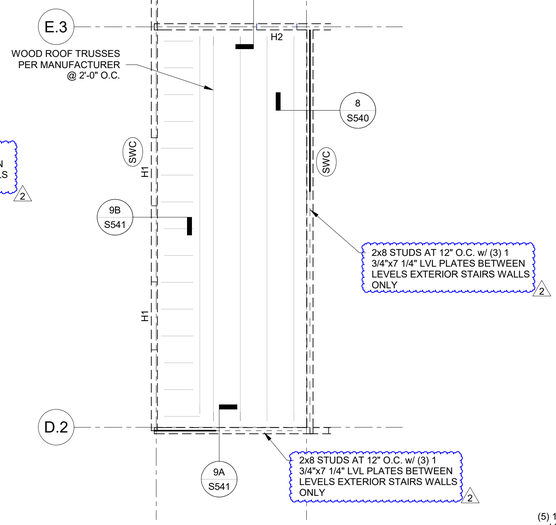
VIEW A-A



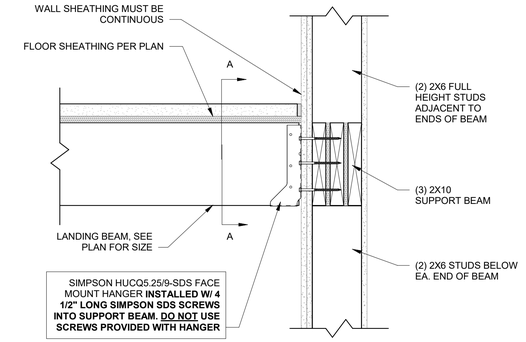
4 S400 EAST STAIR TOWER AT LEVEL 2
3/16" = 1'-0"



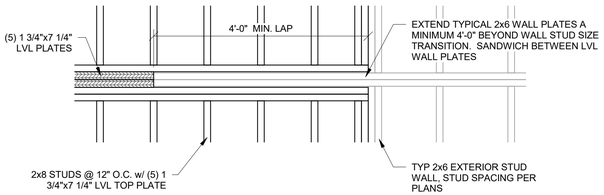
5 S400 EAST STAIR TOWER AT LEVEL 3
3/16" = 1'-0"



6 S400 EAST STAIR TOWER AT ROOF
3/16" = 1'-0"



7 S400 STAIR INTERMEDIATE LANDING BEAM TO SUPPORT BEAM
1 1/2" = 1'-0"



8 S400 STAIR FRAMING SECTION
3/4" = 1'-0"

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
ENLARGED VIEWS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S400

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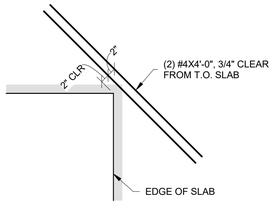
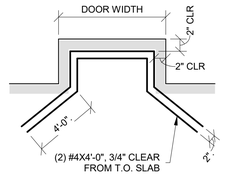
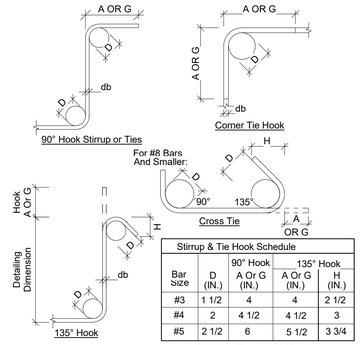


RE-ENTRANT CORNERS



THRESHOLDS

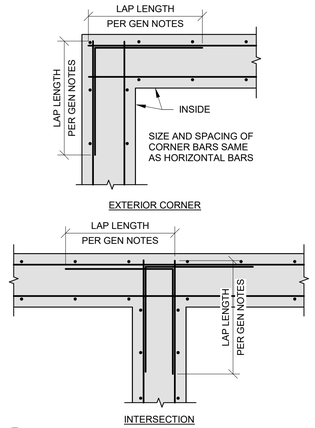


Stirrup & Tie Hook Schedule				
		90° Hook	135° Hook	
Bar size	D (IN.)	A Or G (IN.)	A Or G (IN.)	H (IN.)
#3	1 1/2	4	4	2 1/2
#4	2	4 1/2	4 1/2	3
#5	2 1/2	6	5 1/2	3 3/4

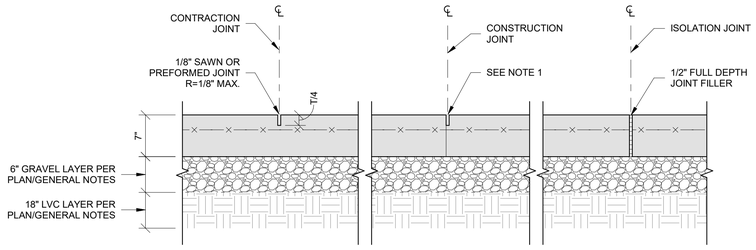
D=Inside Diameter Of Bend
#3 THRU #8 D = 4db

1 S500 ADDITIONAL REINFORCING IN SLABS
3/4" = 1'-0"

2 S500 BAR BENDING DETAIL
3/4" = 1'-0"

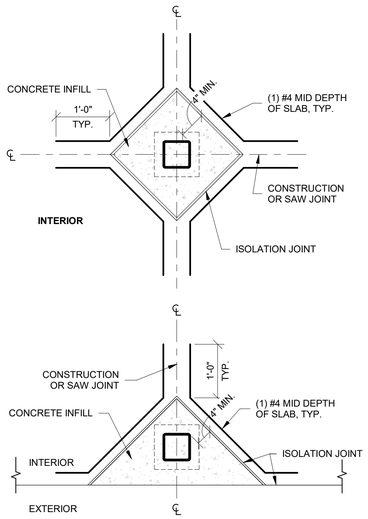


3 S500 CORNER BAR DETAIL
3/4" = 1'-0"



NOTES:
1. LOCATE CONSTRUCTION JOINTS AT SAW JOINT LOCATIONS. MATCH SAW JOINT PROFILE. ALL CONSTRUCTION JOINT LOCATIONS TO BE REVIEWED AND APPROVED BY EOR PRIOR TO CONSTRUCTION.
2. MAXIMUM SPACING BETWEEN SAW JOINTS = 15'-0" FOR 6" SLABS & 10'-0" FOR 4" SLABS. SEE PLAN FOR LOCATIONS.
3. CONTINUE SLAB ON GRADE REINFORCING, UNO. PROVIDE TENSION LAP SPLICE AS REQUIRED.
4. DO NOT PLACE DOWELS WITHIN 12" OF A SLAB CORNER.

4 S500 TYPICAL SLAB-ON-GRADE JOINTS
1" = 1'-0"



5 S500 SLAB ON GRADE ISOLATION JOINT AT COLUMNS
3/4" = 1'-0"

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
TYPICAL CONCRETE DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S500

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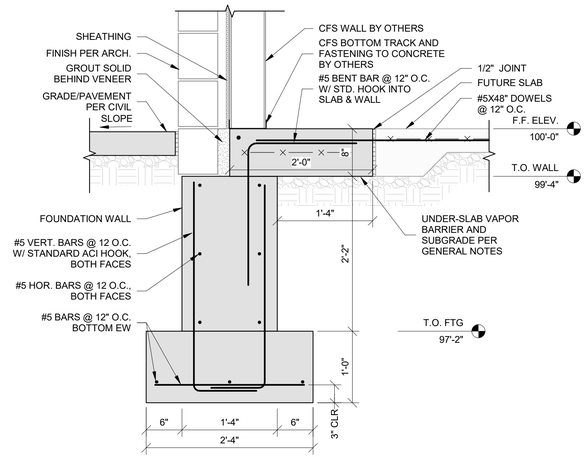
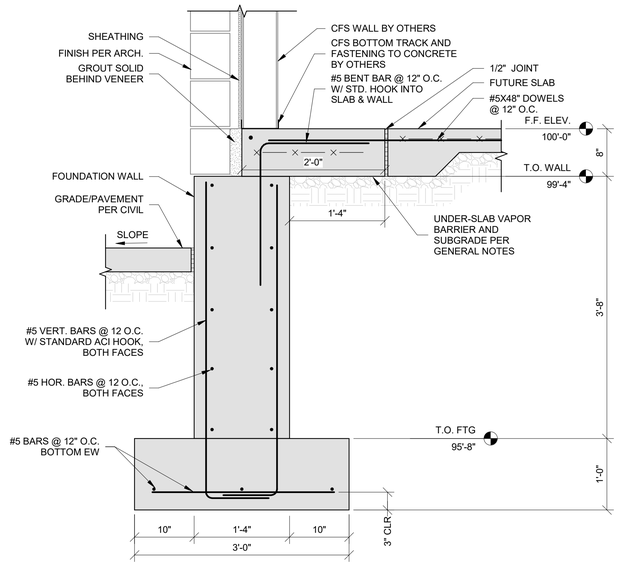
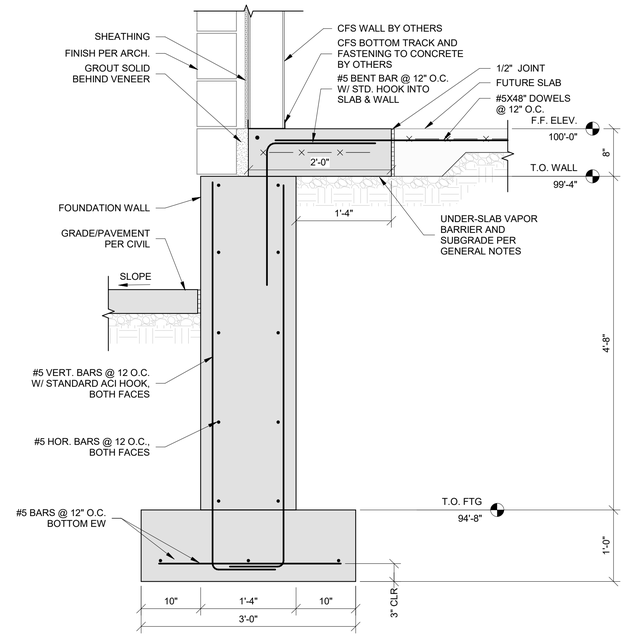


1 S501 EXTERIOR WALL (NOT AT PARKING GARAGE)
1" = 1'-0"



2 S501 EXTERIOR WALL SOUTH FTG STEP (NOT AT PARKING GARAGE)
1" = 1'-0"



3 S501 EXTERIOR WALL NORTH FTG STEP (NOT AT PARKING GARAGE)
1" = 1'-0"

4 S501 FOUNDATION SECTION AT FIREWALL
1" = 1'-0"

5 S501 SECTION BETWEEN GARAGE & AMENITY AREAS
1" = 1'-0"

6 S501 EXTERIOR WALL AT COLUMN PEDESTAL (NOT AT PARKING GARAGE)
1" = 1'-0"

7 S501 STAIR TO THICKENED SLAB
1" = 1'-0"

8 S501 SECTION AT COLUMN FOOTING
1" = 1'-0"

PRINTS ISSUED
11/12/2024 - PERMIT SUBMITTAL

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EXPIRES: DECEMBER 31, 2024

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
FOUNDATION DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S501

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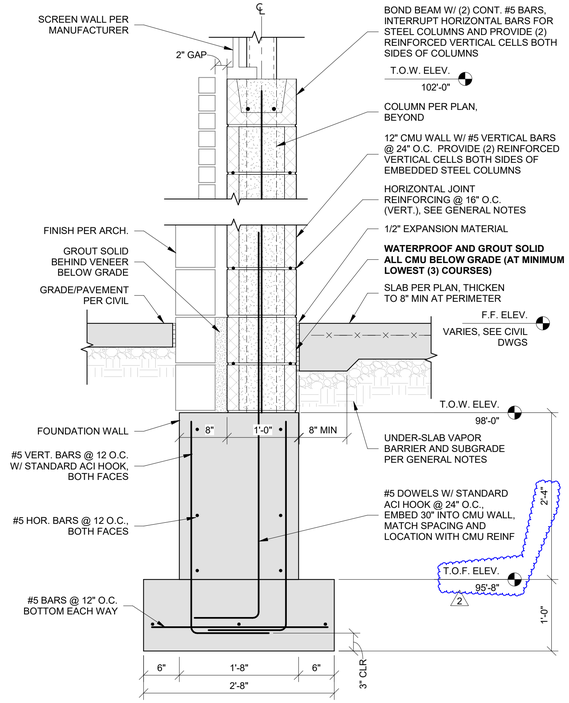
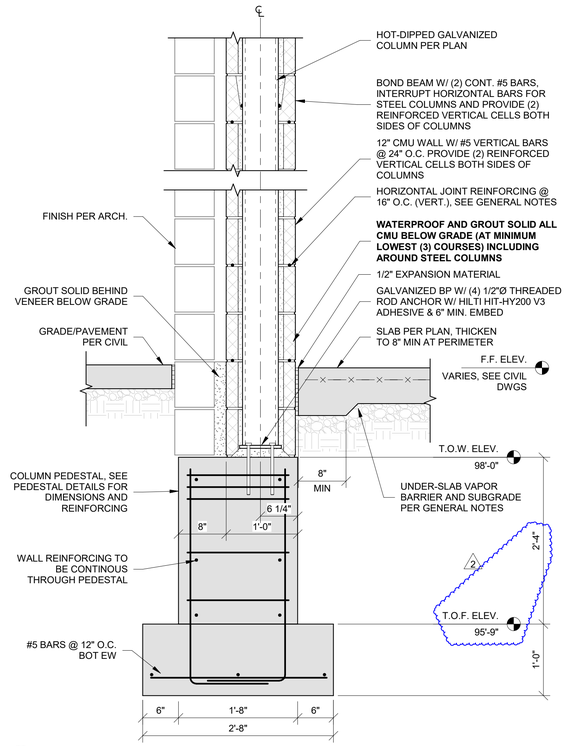
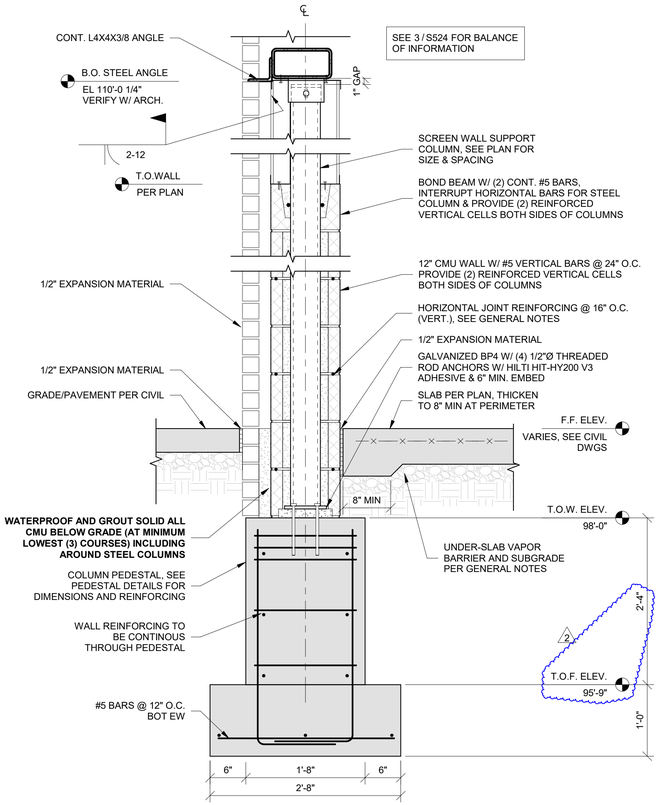
McClure Engineering



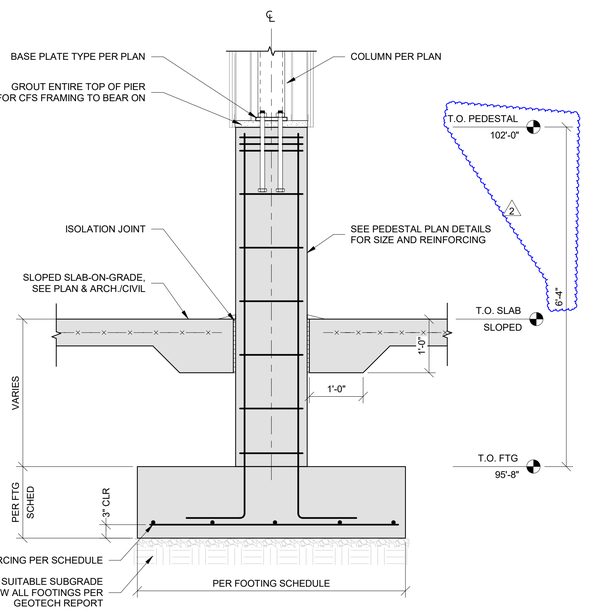
1 S502 FOUNDATION SECTION - GARAGE EXTERIOR WALL
1" = 1'-0"



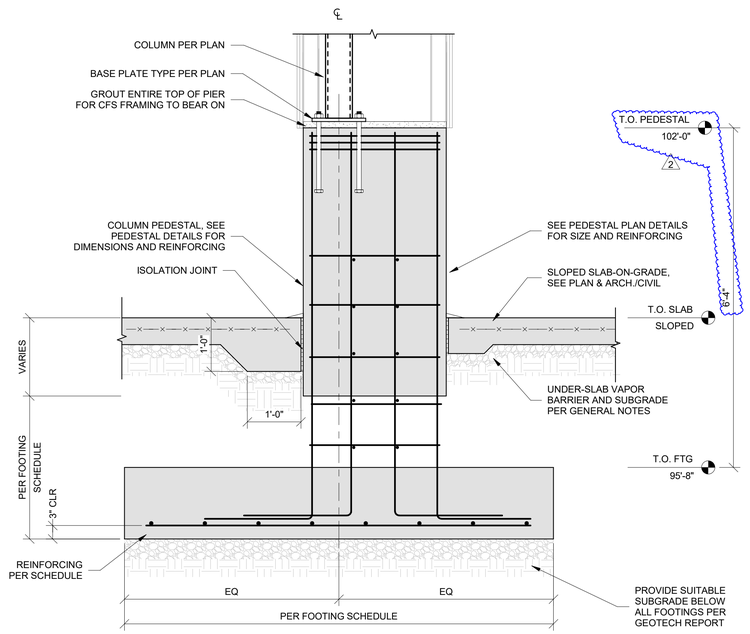
2 S502 FOUNDATION SECTION - COLUMN FOOTING AT GARAGE EXTERIOR WALL
1" = 1'-0"



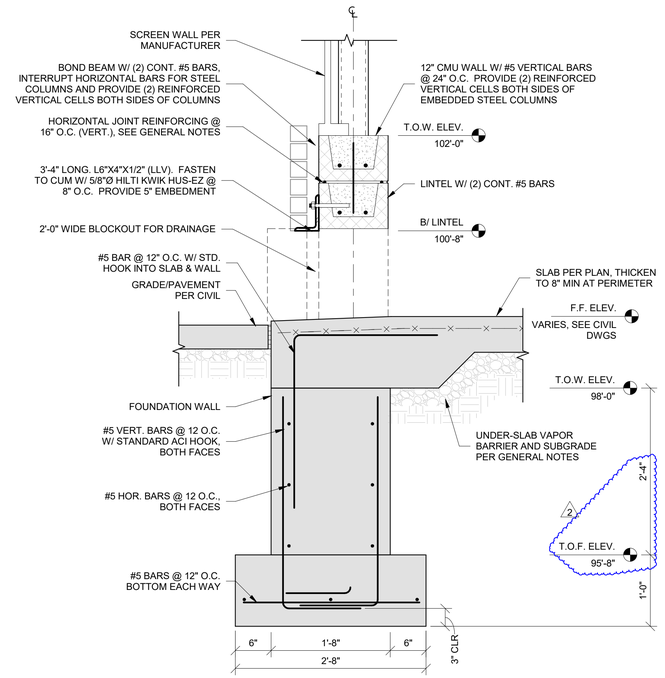
3 S502 FOUNDATION SECTION AT SCREEN WALL POST
1" = 1'-0"



4 S502 GARAGE COLUMN AND PEDESTAL
3/4" = 1'-0"



5 S502 GARAGE COLUMN AND PEDESTAL SECTION
3/4" = 1'-0"



6 S502 FOUNDATION SECTION - GARAGE AT BLOCKOUT
1" = 1'-0"

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MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
FOUNDATION DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S502

12/24/2024 2:03:06 PM
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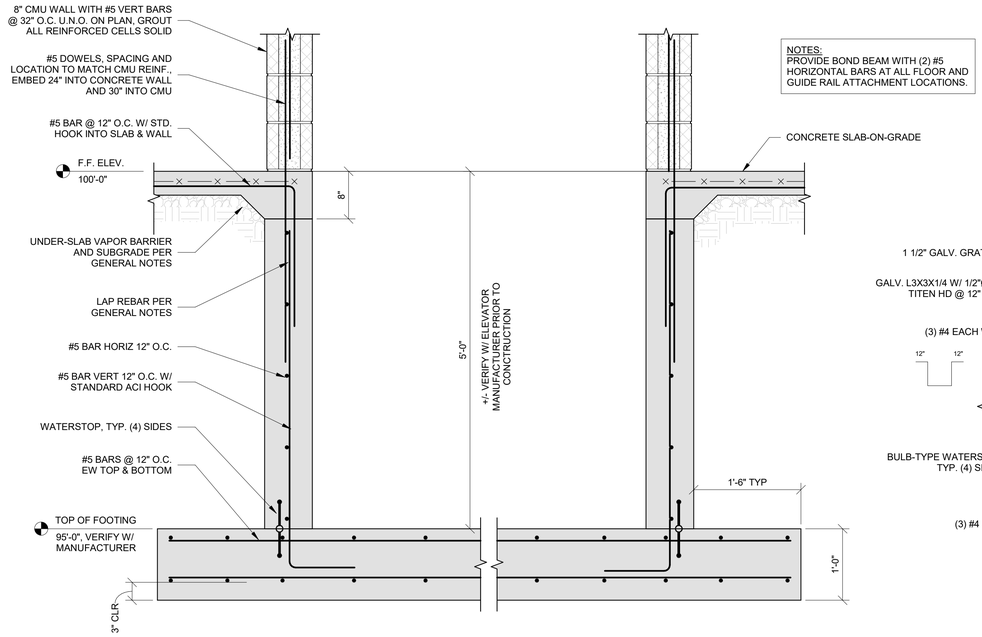
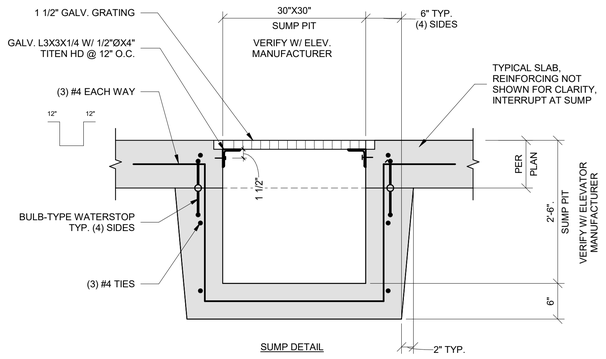
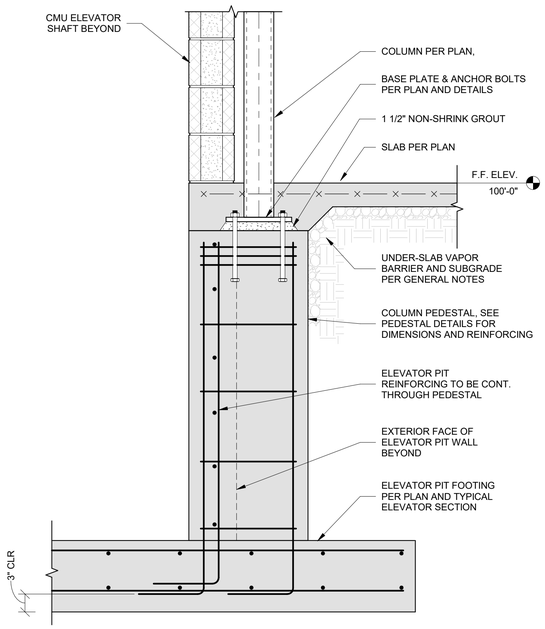
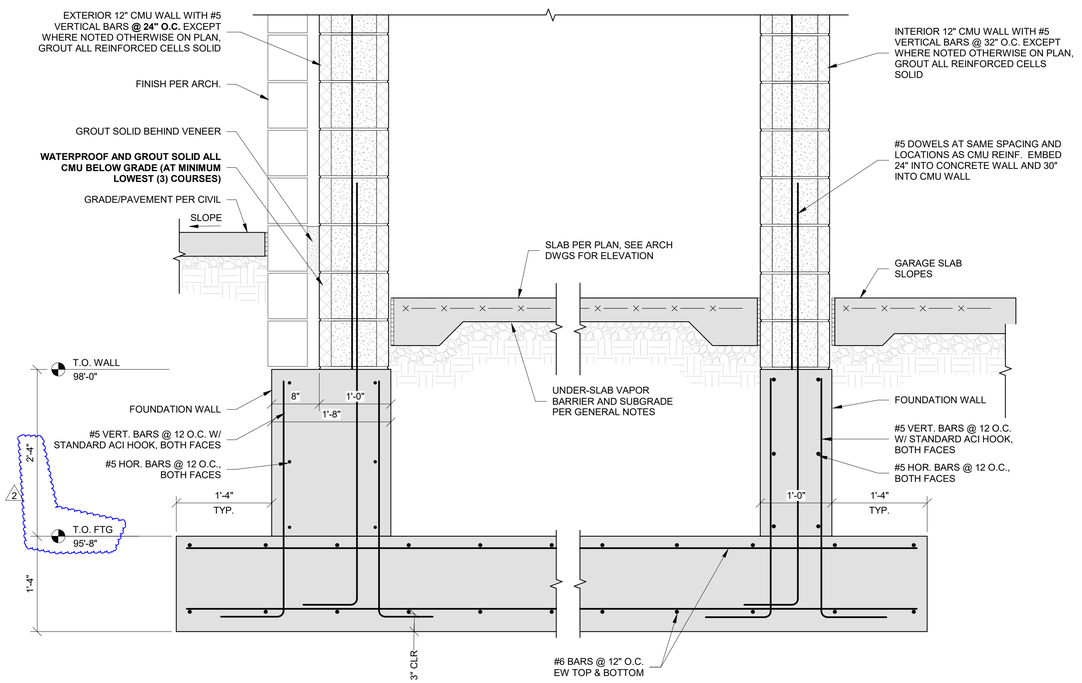


1 S503 ELEVATOR PIT DETAIL
1" = 1'-0"

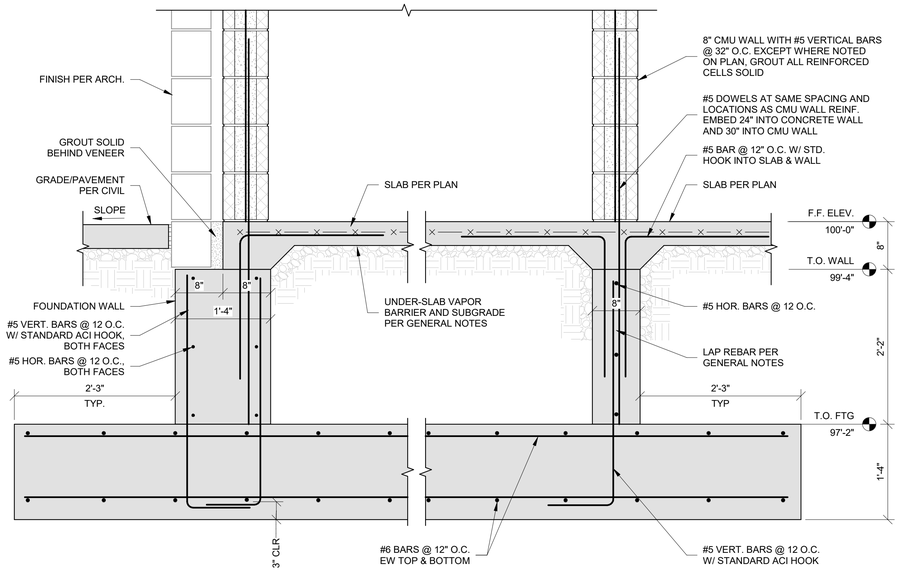




2 S503 COLUMN PEDESTAL AT ELEVATOR
1" = 1'-0"



3 S503 SECTION AT EAST STAIR FOUNDATION
1" = 1'-0"



4 S503 SECTION AT WEST STAIR FOUNDATION
1" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
FOUNDATION DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S503

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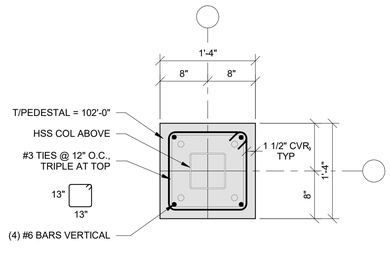
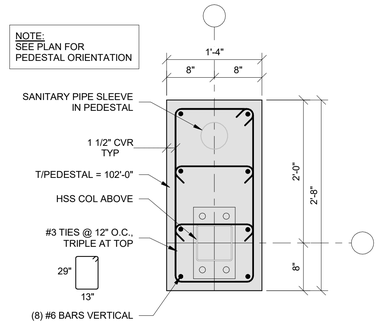


1 S504 PEDESTAL P1
1" = 1'-0"



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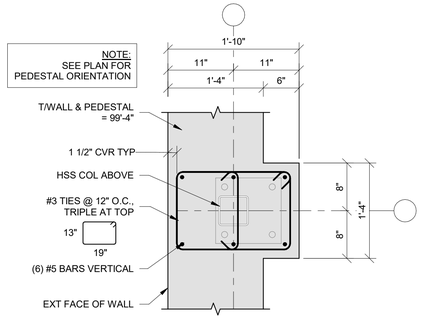

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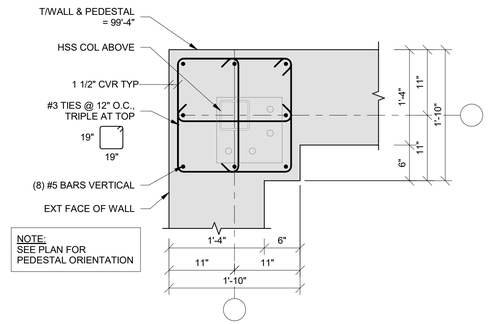
1" = 1'-0"



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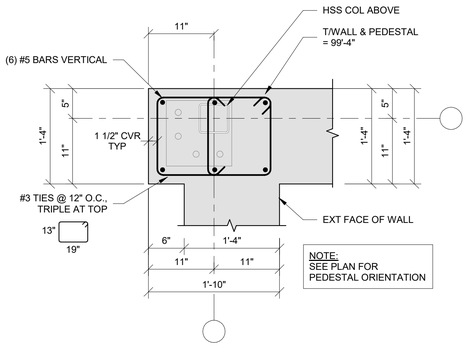
1" = 1'-0"



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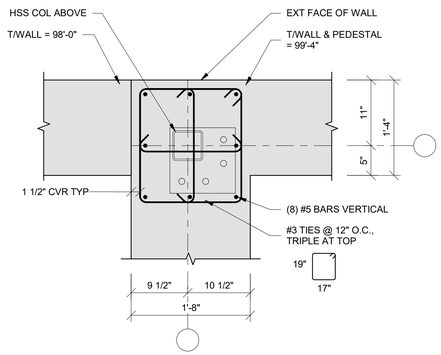

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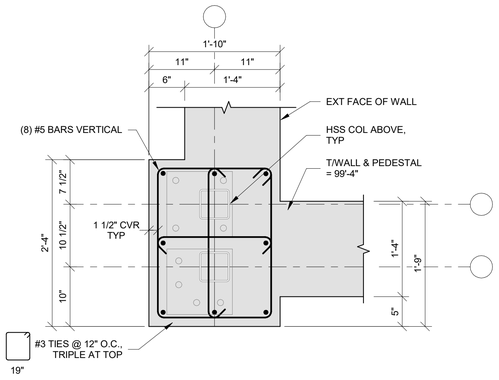

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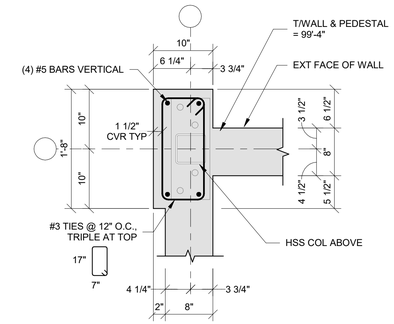
1" = 1'-0"



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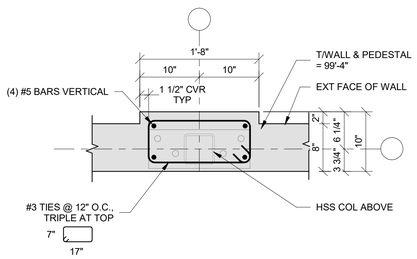

9 S504 PEDESTAL P9
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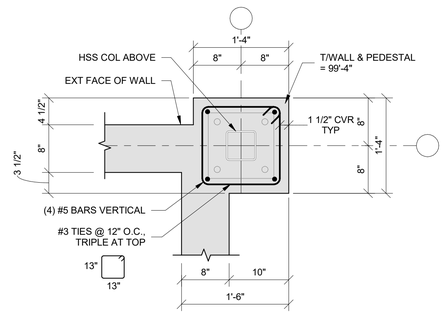
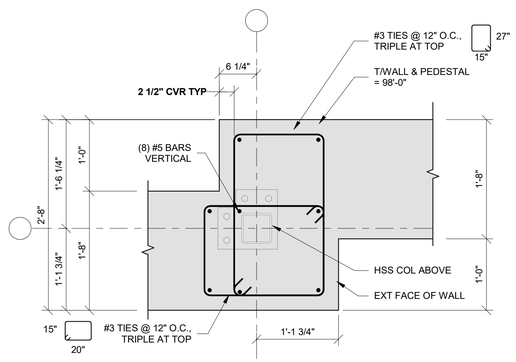


10 S504 PEDESTAL P10
1" = 1'-0"

11 S504 PEDESTAL P11
1" = 1'-0"

12 S504 PEDESTAL P12
1" = 1'-0"



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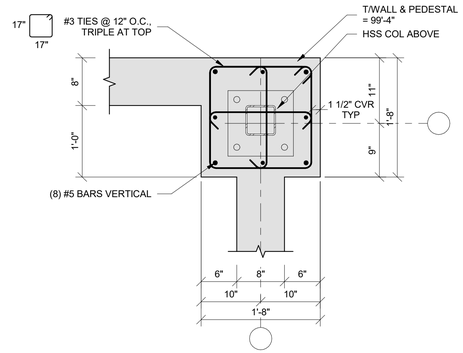
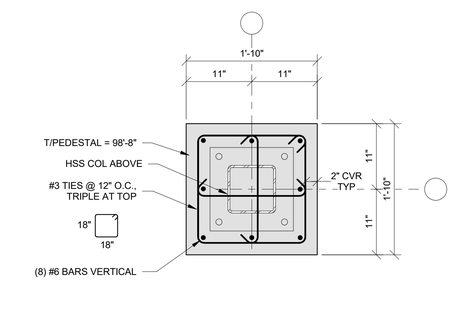
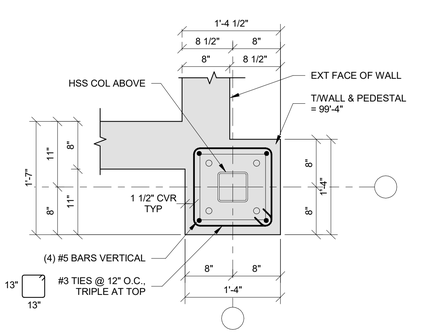


14 S504 PEDESTAL P14
1" = 1'-0"



15 S504 PEDESTAL P15
1" = 1'-0"



16 S504 PEDESTAL P16
1" = 1'-0"

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LEE'S SUMMIT, MO 64064

SHEET TITLE
PEDESTAL DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S504

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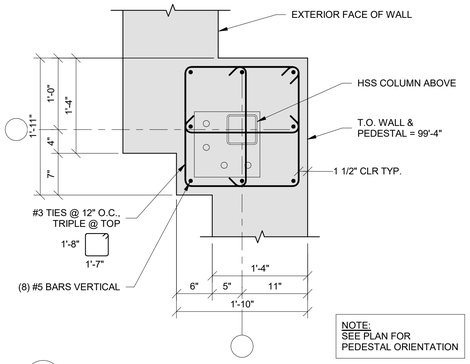

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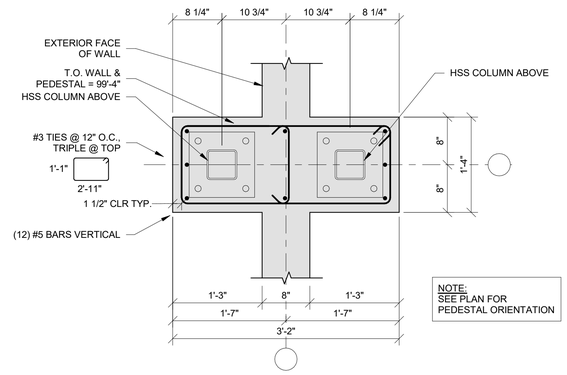

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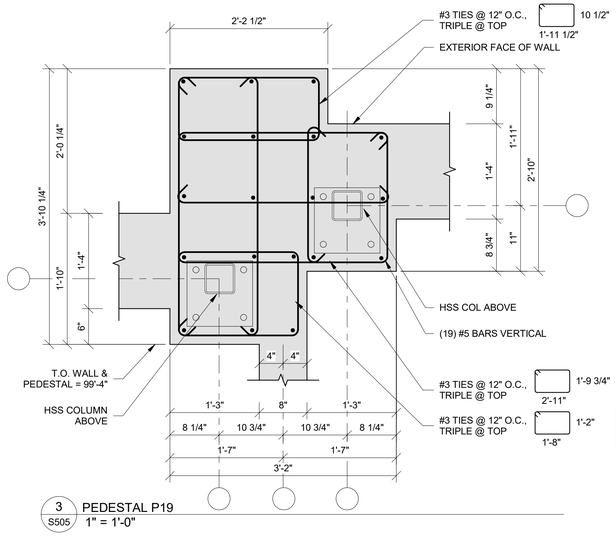

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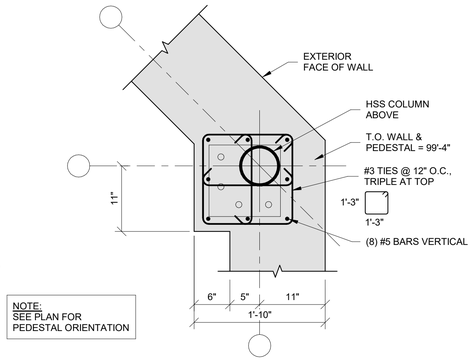

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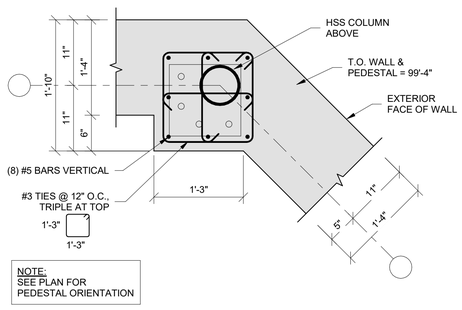
1" = 1'-0"



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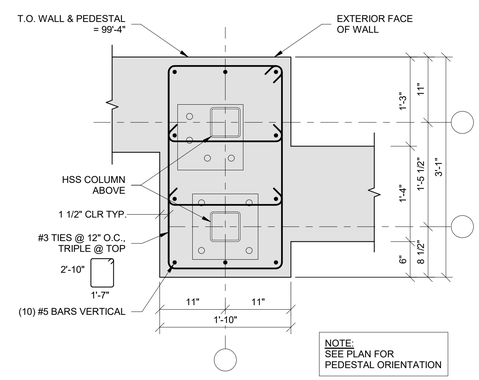
1" = 1'-0"



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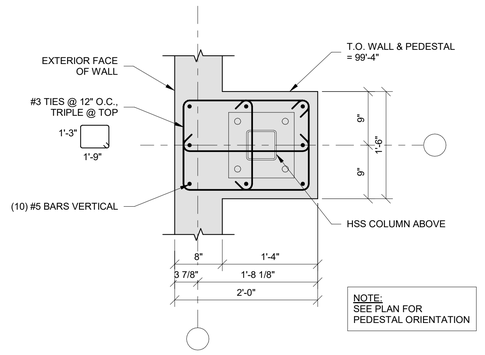
1" = 1'-0"



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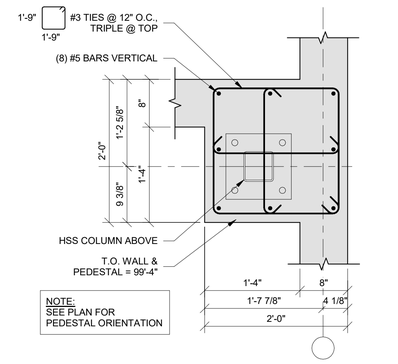
1" = 1'-0"



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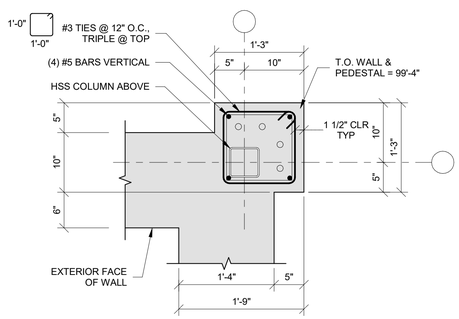
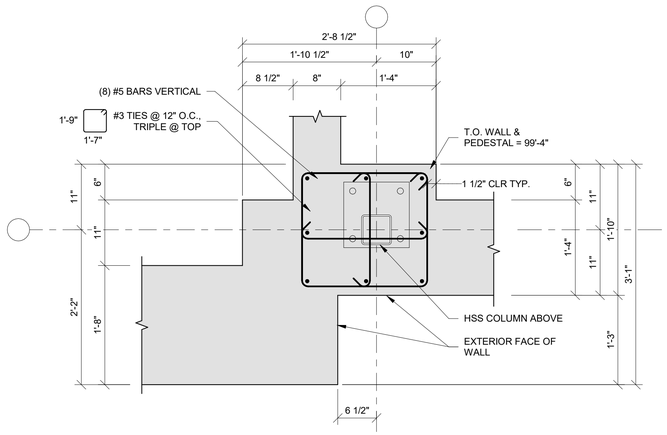
1" = 1'-0"



9 S505 PEDESTAL P25
1" = 1'-0"



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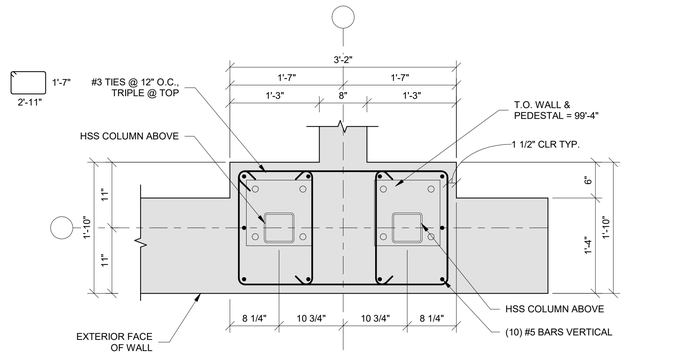
1" = 1'-0"



11 S505 PEDESTAL P27
1" = 1'-0"

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LEE'S SUMMIT, MO 64064

SHEET TITLE
PEDESTAL DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S505

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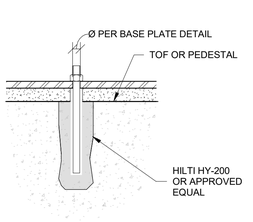
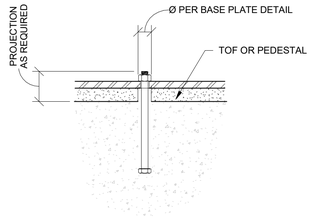
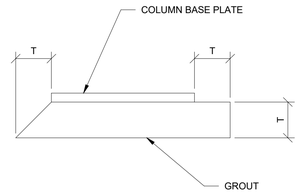


POST INSTALL OPTION
THREADED ROD DIAGRAM



STANDARD INSTALL OPTION
ANCHOR BOLT DIAGRAM

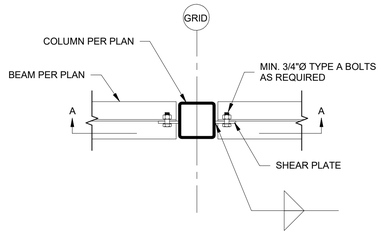


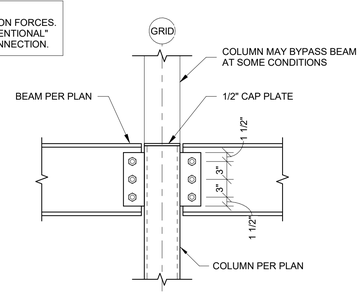
GROUT PLACEMENT

GROUT MAY BE BEVELED OR FORMED BUT SHALL EXTEND A MIN "T" BEYOND FACE OF BASE PLATE. "T"=1 1/2" FOR ANCHOR BOLT Ø UP TO 1"

1 S510 COLUMN ANCHOR BOLT DETAILS
1 1/2" = 1'-0"

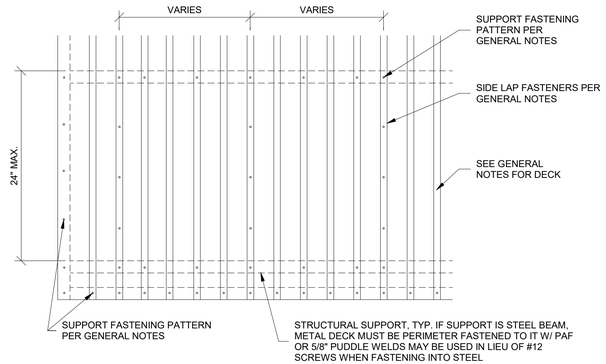
NOTES:
1. SEE PLAN OR GENERAL NOTES FOR CONNECTION FORCES.
2. ALL CONNECTIONS TO BE DESIGNED AS "CONVENTIONAL" TO PREVENT ADDITIONAL ECCENTRICITY IN CONNECTION.



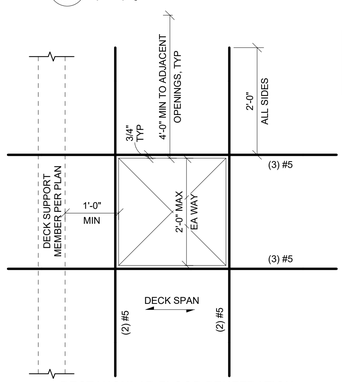


SECTION A-A

3 S510 TYPICAL BEAM TO COLUMN SHEAR CONNECTION
1" = 1'-0"

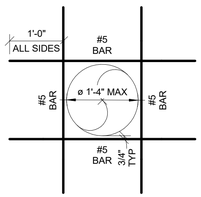


4 S510 DECK FASTENING DETAIL
1" = 1'-0"

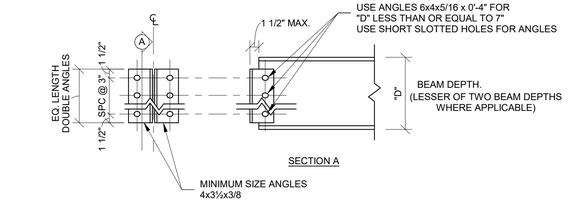


RECTANGULAR FLOOR PENETRATION

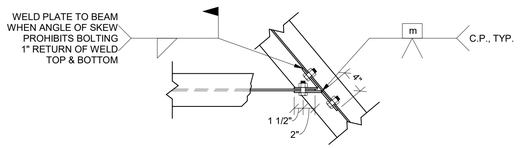
NOTES:
1. METAL DECK TO REMAIN UNCUT AND IN PLACE UNTIL CONCRETE HAS OBTAINED F'C OF 3 KSI.
2. OPENING PLACEMENT MUST BE COORDINATED TO AVOID INTERUPTING DIAPHRAGM REINFORCING.



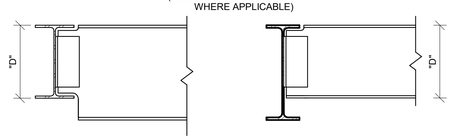
CIRCULAR FLOOR PENETRATION



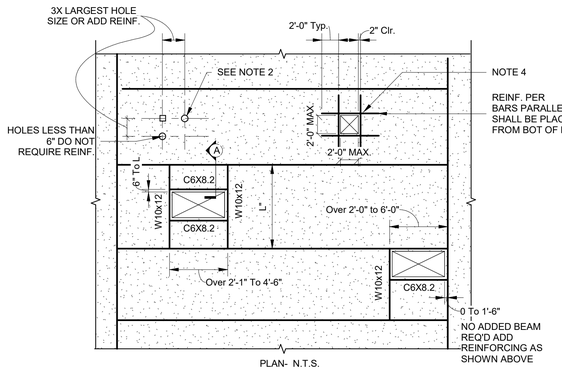
SECTION A



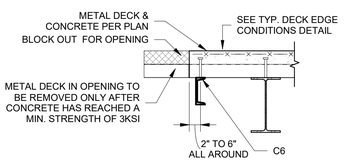
SKEWED CONNECTION



2 S510 BEAM TO BEAM CONNECTION
1" = 1'-0"



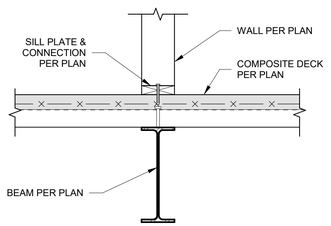
PLAN- N.T.S.



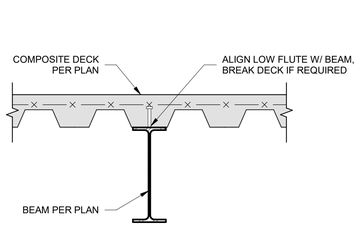
SECTION A

NOTES:
1. BLOCK OUT OPENING BEFORE PLACING CONCRETE.
2. REMOVE BLOCKOUT & CUT DECK AFTER CONCRETE HAS CURED
3. CONTRACTOR SHALL COORDINATE OPENING SIZE & LOCATION W/ MECH. & ELEC. CONTRACTORS & ARCH DRAWINGS
4. THE OPENING NOTED REQUIRES A CLEAR SPACING FROM ADJACENT OPENING OF THREE TIMES THE MAX OPENING DIMENSION. IF REQUIRED LAYOUT CANNOT CONFORM TO THESE REQUIREMENTS. REINFORCE GROUP AS IF ONE COMBINED PENETRATION.

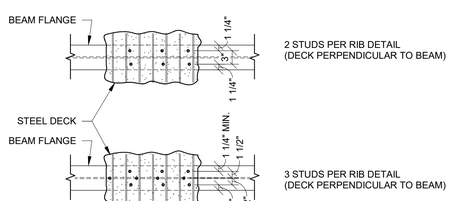
5 S510 TYPICAL FLOOR DECK OPENING
3/4" = 1'-0"

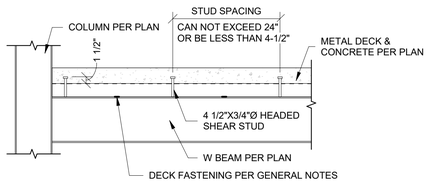


8 S510 COMPOSITE DECK BEARING AT BEAM
1" = 1'-0"



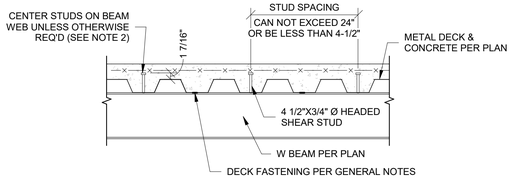
9 S510 COMPOSITE DECK PARALLEL TO BEAM
1" = 1'-0"





DECK IS PARALLEL TO BEAM

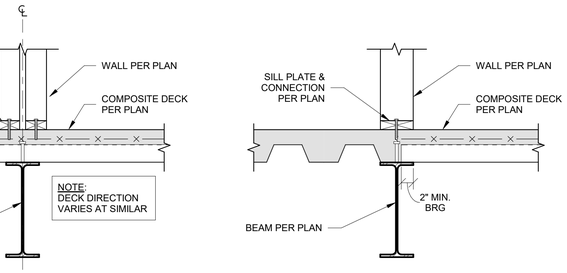
NOTES:
1. SPACE STUDS EQUALLY WITHIN BEAM SEGMENT. WHERE STUD SPACING EXCEEDS 24", PROVIDE ADDITIONAL STUDS AS NECESSARY TO MAINTAIN A 24" MAX STUD SPACING.
2. PLACE STUDS IN SINGLE ROW UNLESS NUMBER OF STUDS RESULTS IN SPACING LESS THAN 4-1/2". WHERE SPACING WOULD BE LESS THAN 4-1/2", PROVIDE A DOUBLE ROW OF STUDS IN A STAGGERED PATTERN RATHER THAN SIDE BY SIDE.
3. MAINTAIN TRANSVERSE SPACING BETWEEN STUDS & EDGE DIMENSIONS AS SHOWN ON PLAN DETAIL ABOVE.



DECK IS PERPENDICULAR TO BEAM

NOTES:
1. SEE PLAN FOR REQUIRED NUMBER OF STUDS. STUDS SHALL BE PLACED AT A MAXIMUM SPACING OF 2'-0" ALONG THE BEAM AXIS UNLESS NOTED OTHERWISE ON PLAN OR NUMBER OF STUDS INDICATED REQUIRES CLOSER SPACING. SEE "GENERAL NOTES" FOR MINIMUM NUMBER OF STUDS AND MINIMUM STEEL COMPOSITE DECK TO STEEL BEAM FASTENING REQUIREMENTS.
2. SPACE STUDS AS EVENLY AS POSSIBLE IN AVAILABLE DECK FLUTES. WHERE STUD SPACING EXCEEDS 24", PROVIDE ADDITIONAL STUDS AS NECESSARY TO MAINTAIN A 24" MAX STUD SPACING.
3. WHERE THE NUMBER OF STUDS EXCEEDS THE NUMBER OF FLUTES, INSTALL REMAINING STUDS IN DOUBLE OR TRIPLE ROW, STARTING FROM THE BEAM ENDS & WORKING TOWARDS THE CENTER. UNLESS NOTED OTHERWISE, STUDS ARE TO BE EQUALLY SPACED ALONG THE BEAM LENGTH AND PLACED SYMMETRICALLY ABOUT THE BEAM CENTERLINE AXIS. IF EQUAL SPACING IS NOT POSSIBLE DUE TO DECK CONFIGURATION, THE STRUCTURAL ENGINEER SHALL BE NOTIFIED.
4. THE REQUIRED NUMBER OF STUD ROWS SHALL BE DETERMINED AS FOLLOWS (BEAM LENGTH IN FEET):
   A. FOR DECK FLUTES PERPENDICULAR TO THE BEAM:
      a. # ROWS = # STUDS / BEAM LENGTH
   B. FOR DECK FLUTES PARALLEL TO THE BEAM:
      a. # ROWS = (0.375 x # STUDS) / BEAM LENGTH
5. FOR DECK FLUTES PARALLEL TO THE BEAM, THE FIRST STUD (OR STUDS) SHALL BE PLACED 6" FROM THE BEAM ENDS. FOR DECK FLUTES PERPENDICULAR TO THE BEAM, THE FIRST STUD (OR STUDS) SHALL BE PLACED IN THE FLUTE CLOSEST TO THE BEAM ENDS.
6. FOR CANTILEVER SPANS, STUDS SHALL BE PLACED IN ONE ROW ALONG THE BEAM CENTERLINE AXIS AT A MAXIMUM SPACING OF 2'-0". STUDS PLACED ON THE CANTILEVER SPAN ARE NOT INCLUDED IN THE NUMBER OF STUDS SHOWN ON THE DRAWINGS.
7. WHERE BEAM FLANGE THICKNESS IS LESS THAN 0.30", STUDS MUST BE PLACED AT CENTERLINE OF THE BEAM
8. MAINTAIN TRANSVERSE SPACING BETWEEN STUDS & EDGES DIMENSIONS AS SHOWN ON PLAN DETAILS ABOVE.

6 S510 SHEAR STUD PLACEMENT DIAGRAM
3/4" = 1'-0"



10 S510 COMPOSITE DECK BEARING AT BEAM BELOW DEMISING WALL
1" = 1'-0"

11 S510 COMPOSITE DECK TRANSITION AT BEAM
1" = 1'-0"

PRINTS ISSUED
11/12/2024 - PERMIT SUBMITTAL

REVISIONS:
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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
TYPICAL STEEL DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S510

12/24/2024 2:03:38 PM
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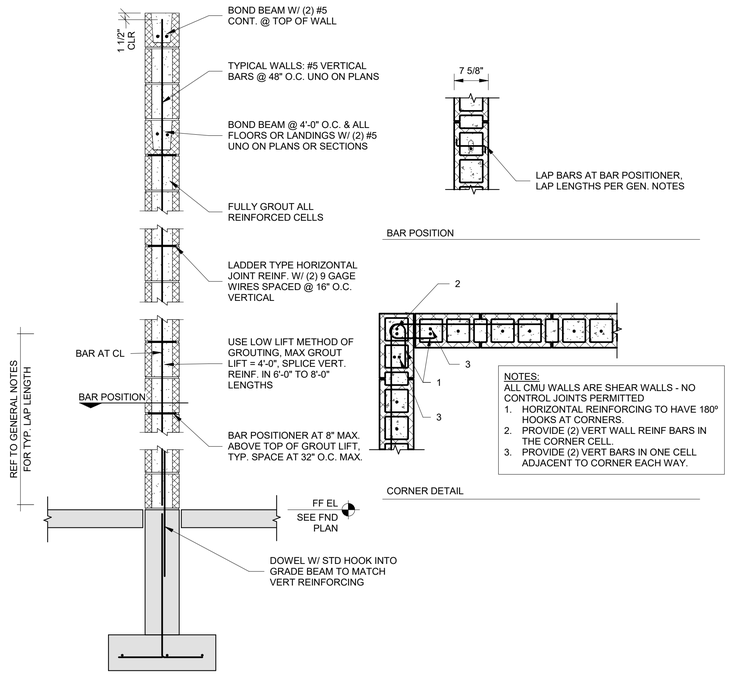
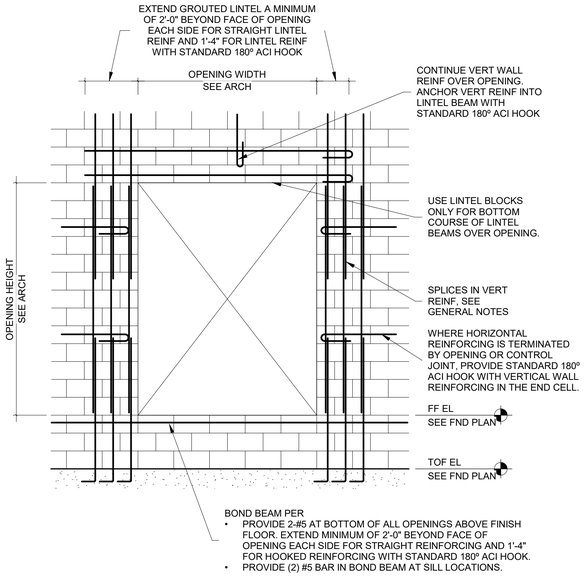


BAR POSITION

NOTES:
ALL CMU WALLS ARE SHEAR WALLS - NO CONTROL JOINTS PERMITTED
1. HORIZONTAL REINFORCING TO HAVE 180° HOOKS AT CORNERS.
2. PROVIDE (2) VERT WALL REINF BARS IN THE CORNER CELL.
3. PROVIDE (2) VERT BARS IN ONE CELL ADJACENT TO CORNER EACH WAY.

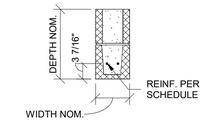
CORNER DETAIL

1 S511 CMU WALL REINFORCING DIAGRAM
3/4" = 1'-0"

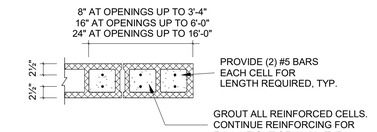


2 S511 TYPICAL MASONRY OPENING DIAGRAM & SCHEDULE
3/4" = 1'-0"

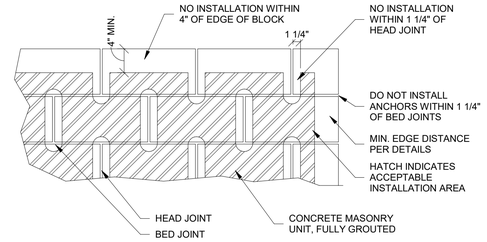
CMU LINTEL SCHEDULE				
MARK	WIDTH	DEPTH	REINFORCING	STIRRUPS
ALL	8"	16"	(2) #5	-



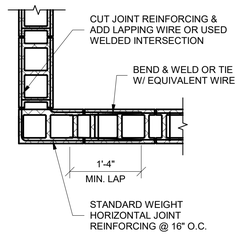
8" CMU LINTEL DETAIL



CMU JAMB DETAIL



3 S511 ACCEPTABLE LOCATIONS FOR ANCHORS IN MASONRY
1" = 1'-0"



4 S511 JOINT REINFORCING AT INTERSECTING CMU WALLS
3/4" = 1'-0"

PRINTS ISSUED
11/12/2024 - PERMIT SUBMITTAL

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
TYPICAL MASONRY DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S511

12/24/2024 2:03:39 PM
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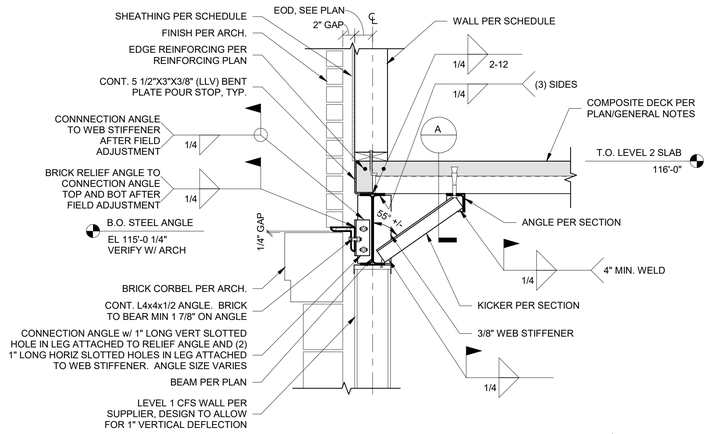
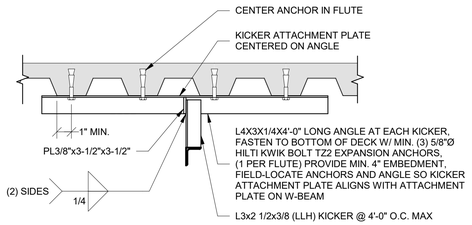
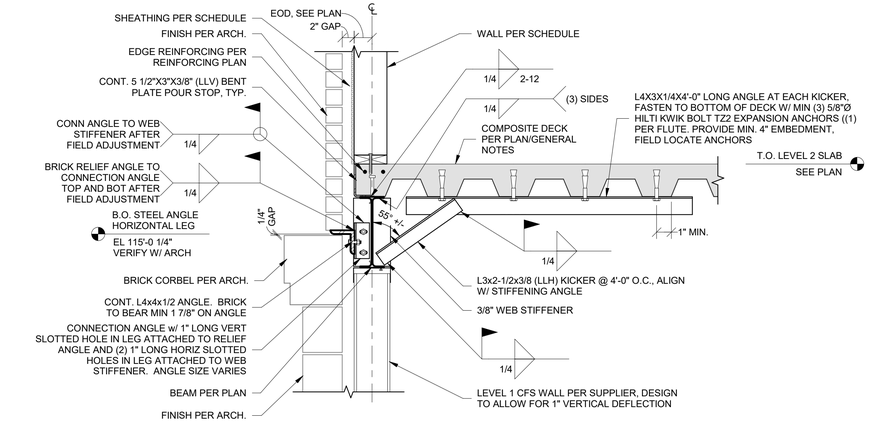
McClure Engineering Co. Archive





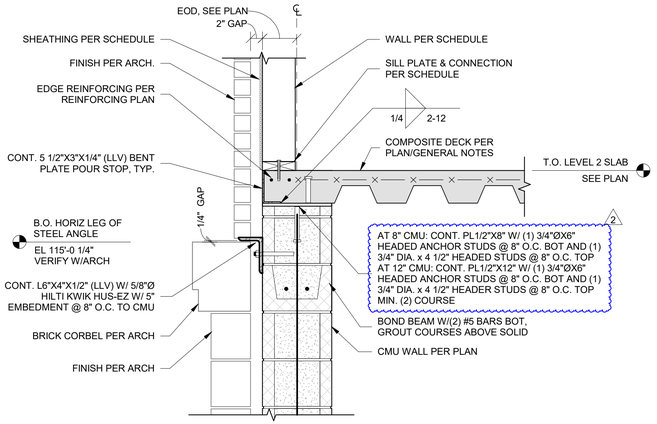
SECTION A

1 S520 BEAM KICKER PODIUM SECTION DECK PERPENDICULAR TO EXTERIOR WALL
1" = 1'-0"

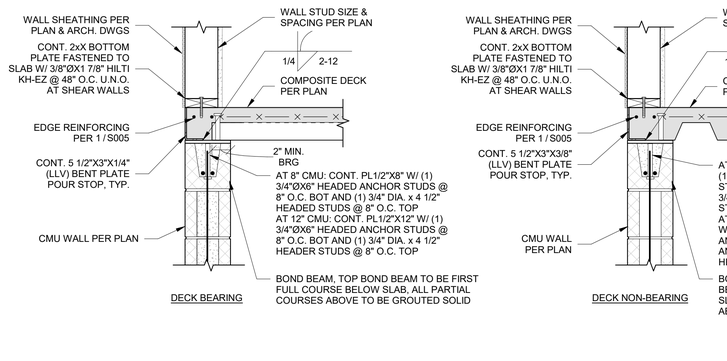


DECK PARALLEL TO EXTERIOR WALL

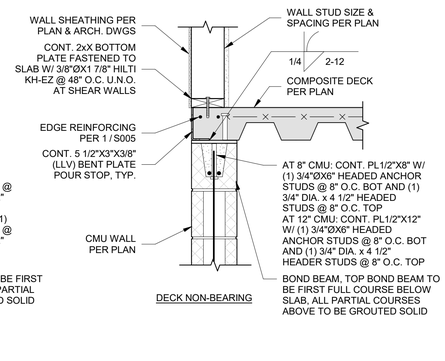
2 S520 BEAM KICKER PODIUM SECTION DECK PARALLEL TO EXTERIOR WALL
1" = 1'-0"



3 S520 SECTION AT GARAGE AT FULL HEIGHT CMU
1" = 1'-0"

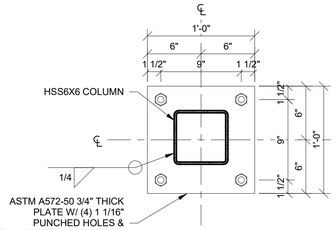


DECK BEARING

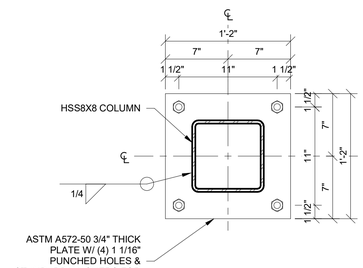


DECK NON-BEARING

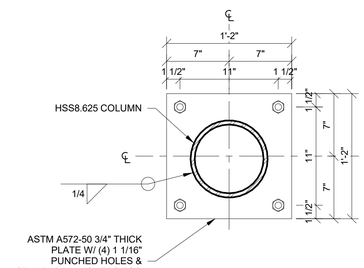
4 S520 COMPOSITE DECK AT MASONRY
1" = 1'-0"



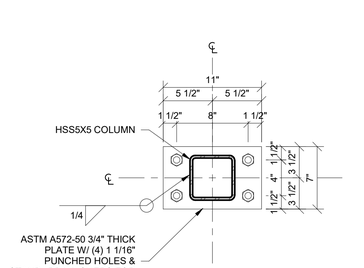
5 S520 BASE PLATE BP1
1 1/2" = 1'-0"



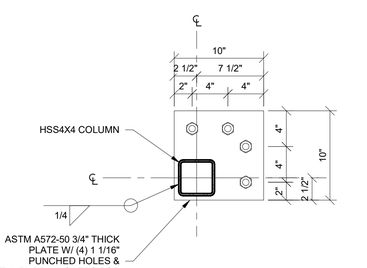
6 S520 BASE PLATE BP2
1 1/2" = 1'-0"



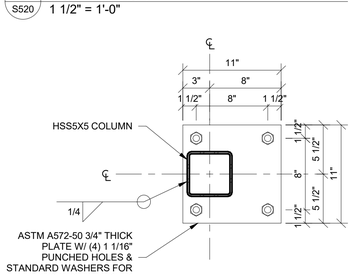
7 S520 BASE PLATE BP3
1 1/2" = 1'-0"



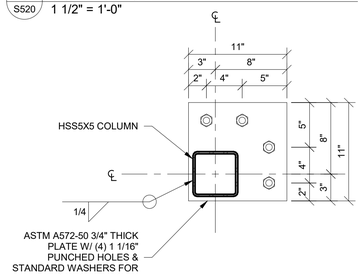
8 S520 BASE PLATE BP4
1 1/2" = 1'-0"



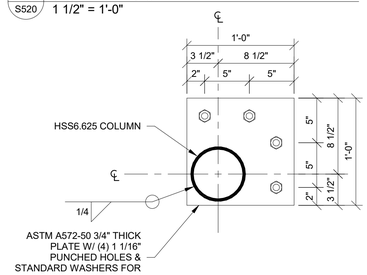
9 S520 BASE PLATE BP5
1 1/2" = 1'-0"



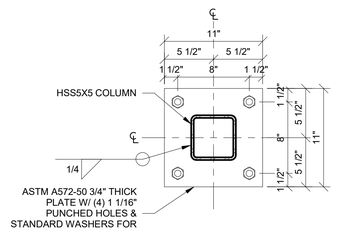
10 S520 BASE PLATE BP6
1 1/2" = 1'-0"



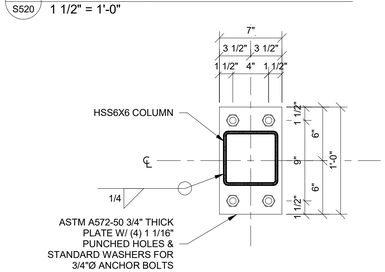
11 S520 BASE PLATE BP7
1 1/2" = 1'-0"



12 S520 BASE PLATE BP8
1 1/2" = 1'-0"



13 S520 BASE PLATE BP9
1 1/2" = 1'-0"



14 S520 BASE PLATE BP10
1 1/2" = 1'-0"

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LEE'S SUMMIT, MO 64064

SHEET TITLE
PODIUM FRAMING DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S520

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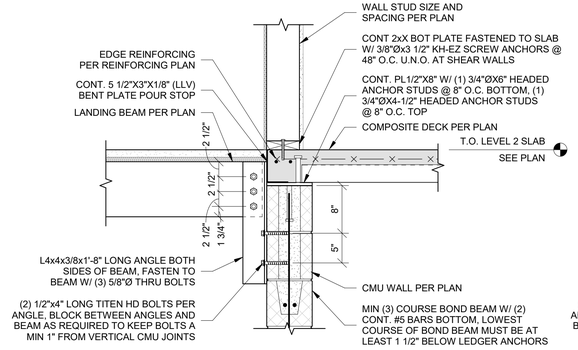
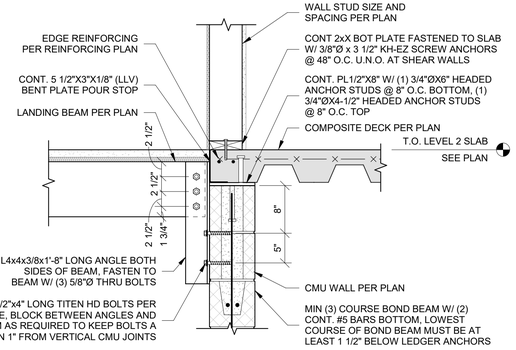
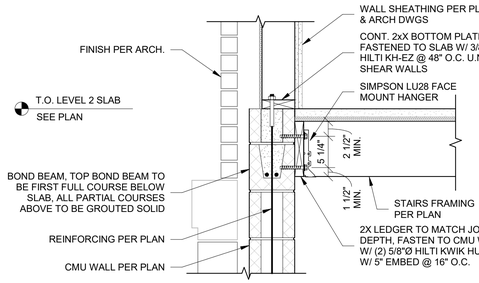


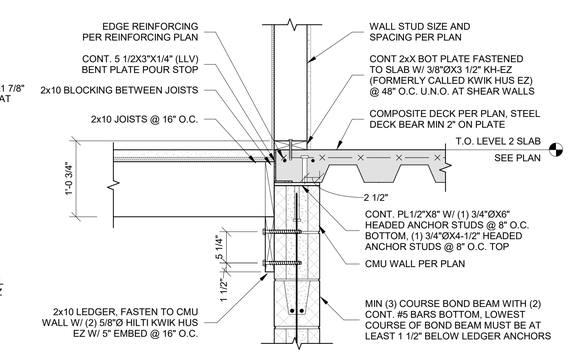
1 S521 STAIR LANDING BEAM ATTACHMENT TO CMU
1" = 1'-0"



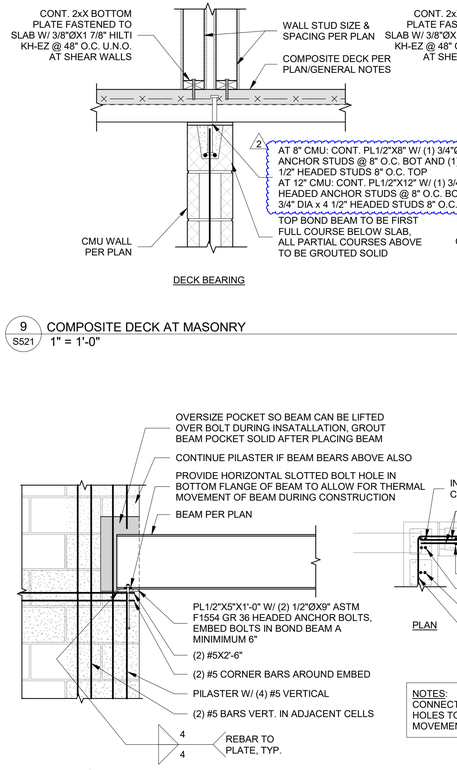
2 S521 STAIR LANDING BEAM ATTACHMENT TO CMU
1" = 1'-0"



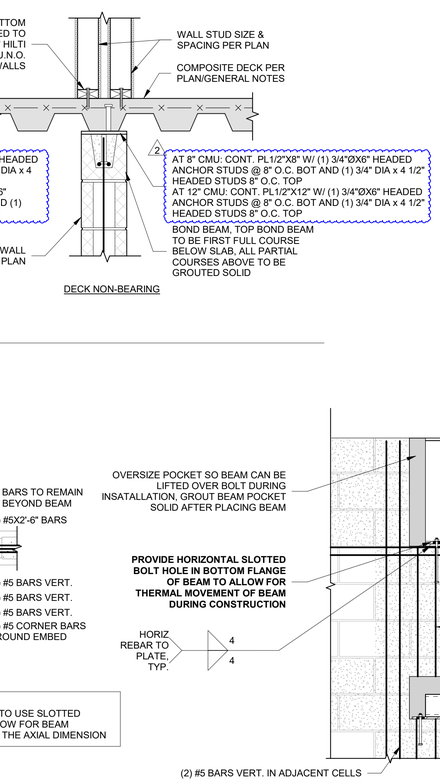
3 S521 SECTION AT LEVEL 2 STAIRS AT EXTERIOR WALL
1" = 1'-0"



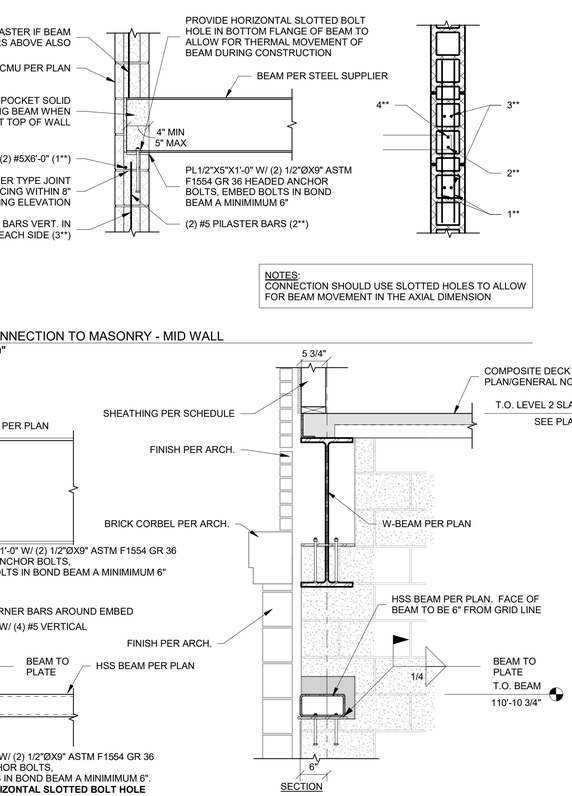
4 S521 SECTION AT LEVEL 2 STAIRS
1" = 1'-0"



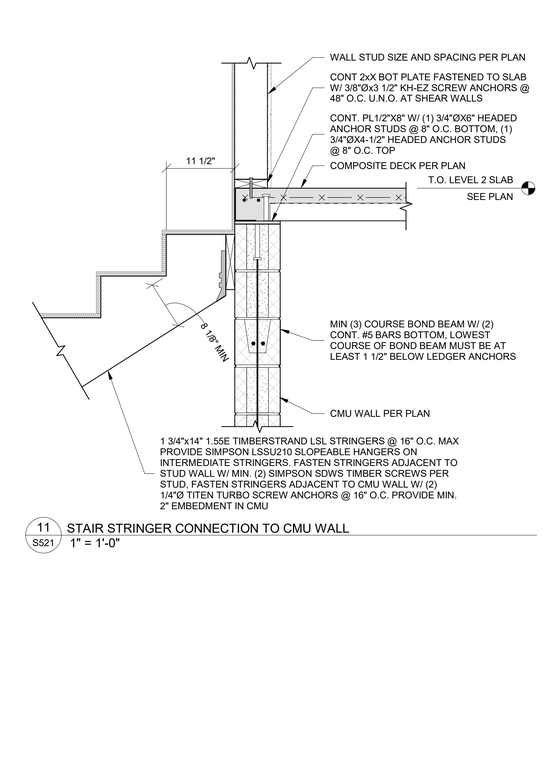
5 S521 SECTION AT STAIR LANDING AT EXTERIOR WALL
1" = 1'-0"



6 S521 SECTION AT STAIR LANDING AT EXTERIOR WALL
1" = 1'-0"

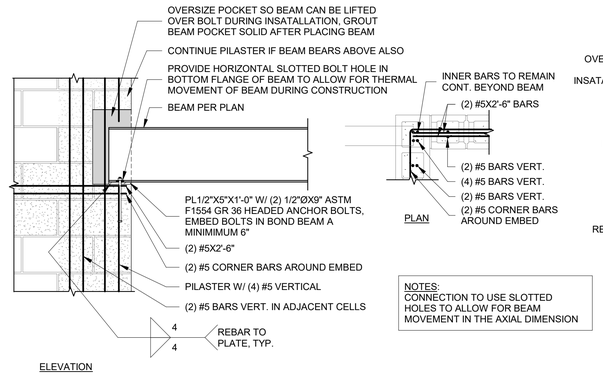


7 S521 SECTION AT LEVEL 2 STAIRS
1" = 1'-0"



8 S521 SECTION AT LEVEL 2 STAIRS JOISTS PARALLEL
1" = 1'-0"

9 S521 COMPOSITE DECK AT MASONRY
1" = 1'-0"



10 S521 BEAM CONNECTION TO MASONRY - MID WALL
3/4" = 1'-0"

11 S521 STAIR STRINGER CONNECTION TO CMU WALL
1" = 1'-0"

12 S521 BEAM CONNECTION TO MASONRY AT CORNER
3/4" = 1'-0"

13 S521 CMU WALL BEAM SUPPORT
3/4" = 1'-0"

PRINTS ISSUED
11/12/2024 - PERMIT SUBMITTAL

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MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
PODIUM FRAMING DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S521

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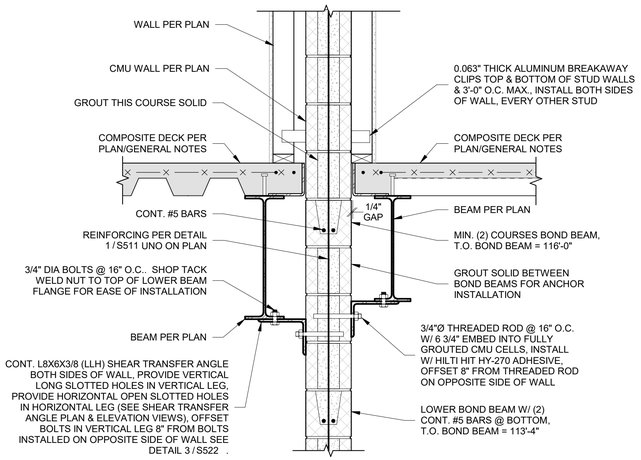
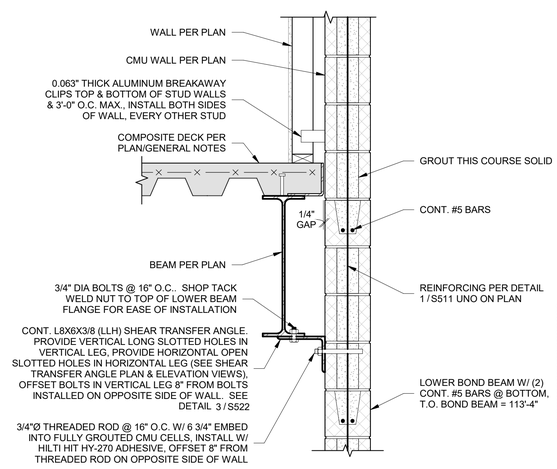
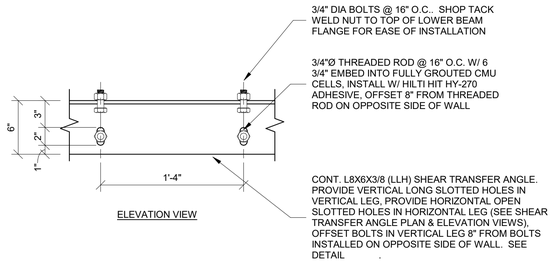


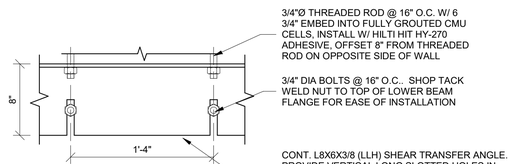
1 S522 COMPOSITE DECK TRANSITION AT CMU FIRE WALL
1" = 1'-0"



2 S522 COMPOSITE DECK AT CMU FIRE WALL
1" = 1'-0"

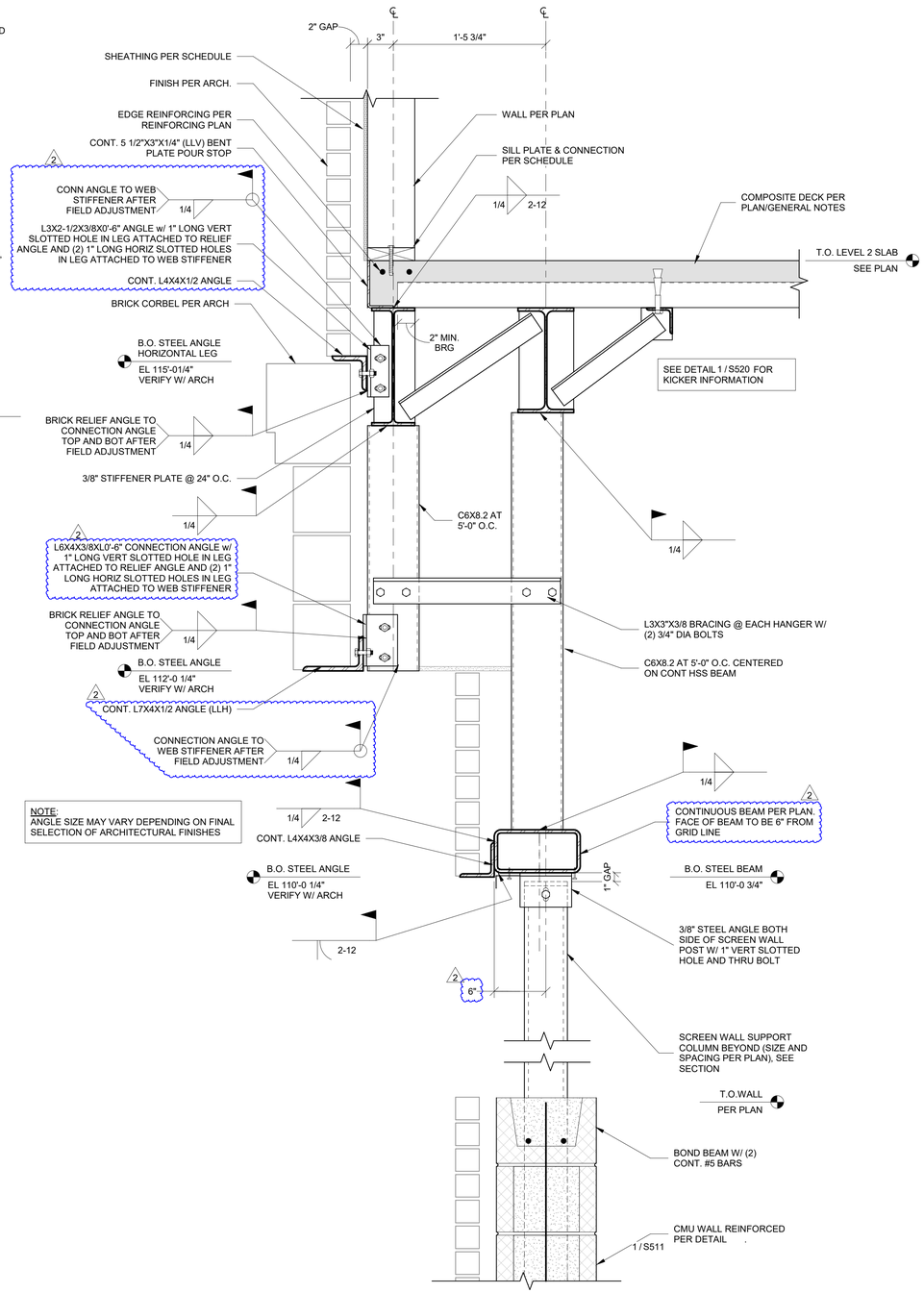


ELEVATION VIEW



PLAN VIEW

3 S522 SHEAR TRANSFER ANGLE PLAN & ELEVATION VIEWS
1 1/2" = 1'-0"



4 S522 SECTION AT GARAGE - LEVEL 2 CANTILEVER
1 1/2" = 1'-0"

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SHEET TITLE
PODIUM FRAMING DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S522

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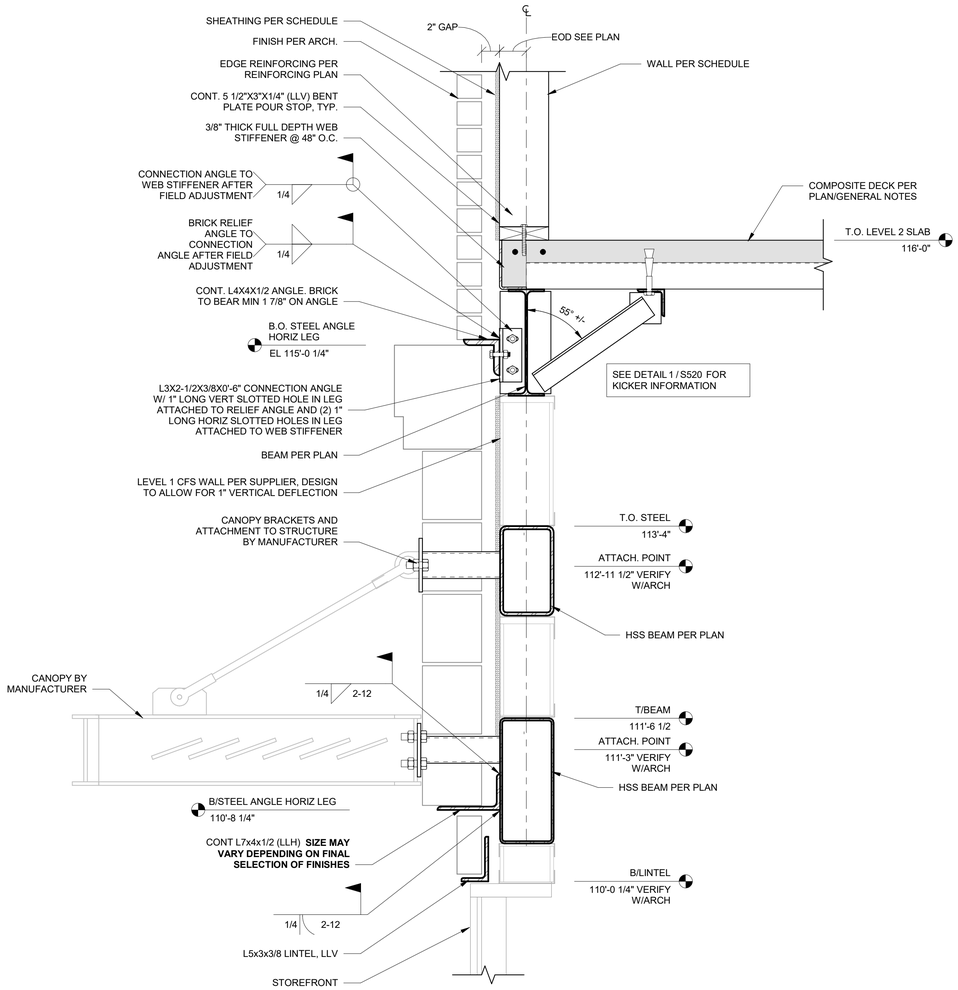
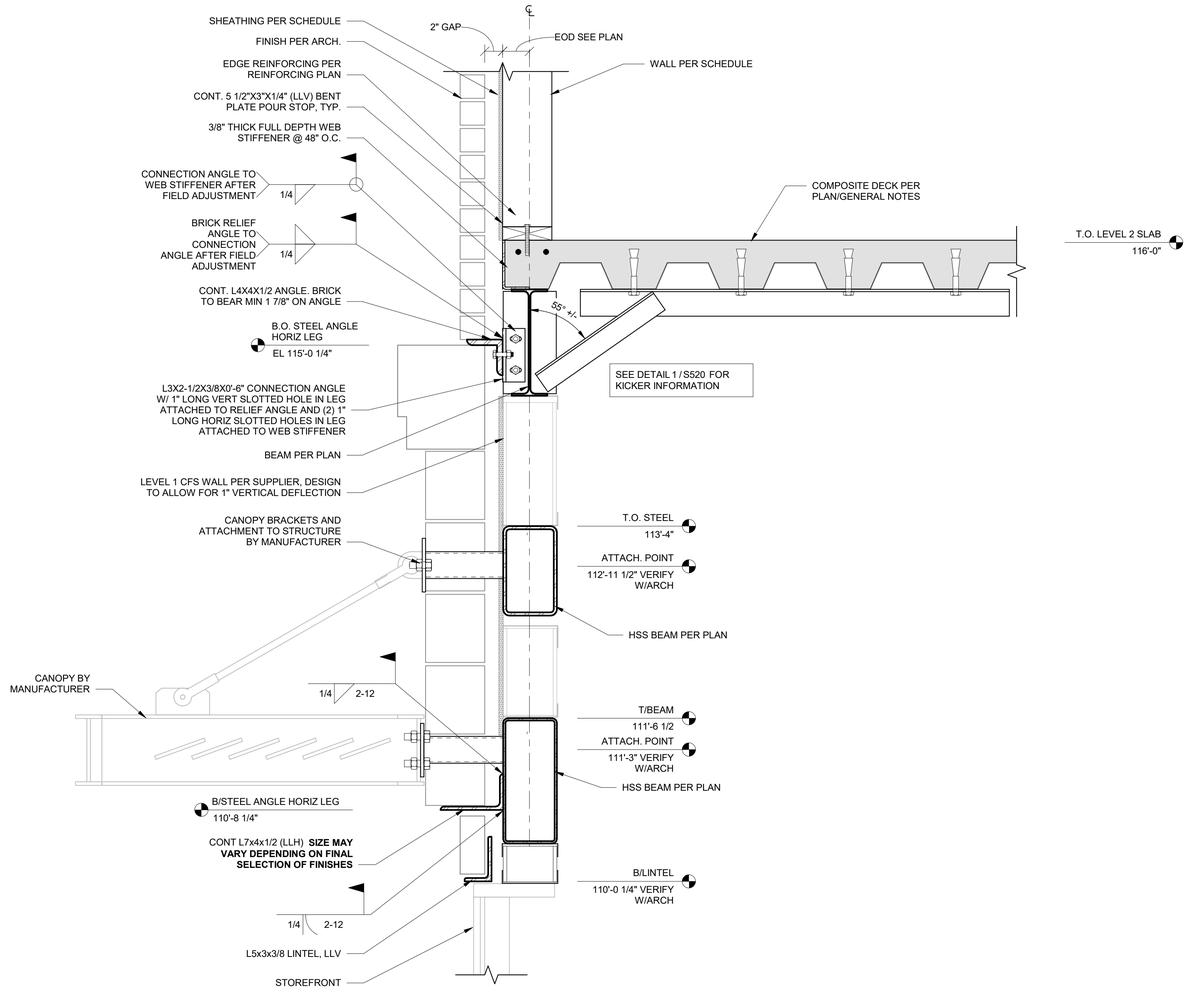
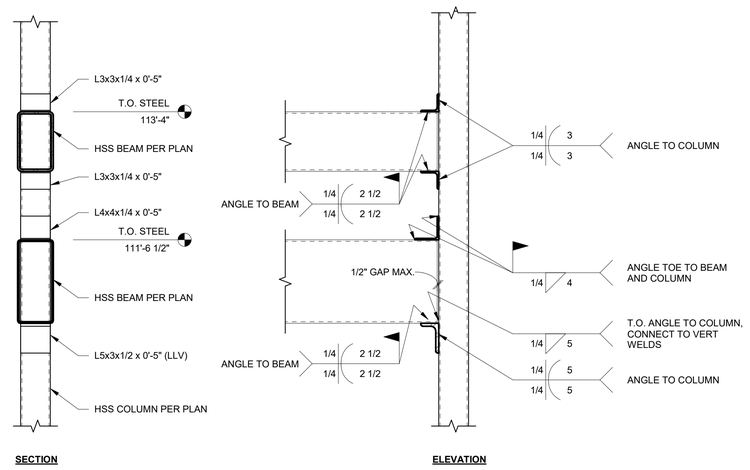


1A S523 PODIUM SECTION AT CANOPY - DECK PERPENDICULAR TO EXTERIOR WALL
1 1/2" = 1'-0"



1B S523 PODIUM SECTION AT CANOPY - DECK PARALLEL TO EXTERIOR WALL
1 1/2" = 1'-0"



2 S523 CANOPY FRAMING TO COLUMN CONNECTIONS
1" = 1'-0"

2 NEW SHEET

12/24/2024 2:23:41 PM
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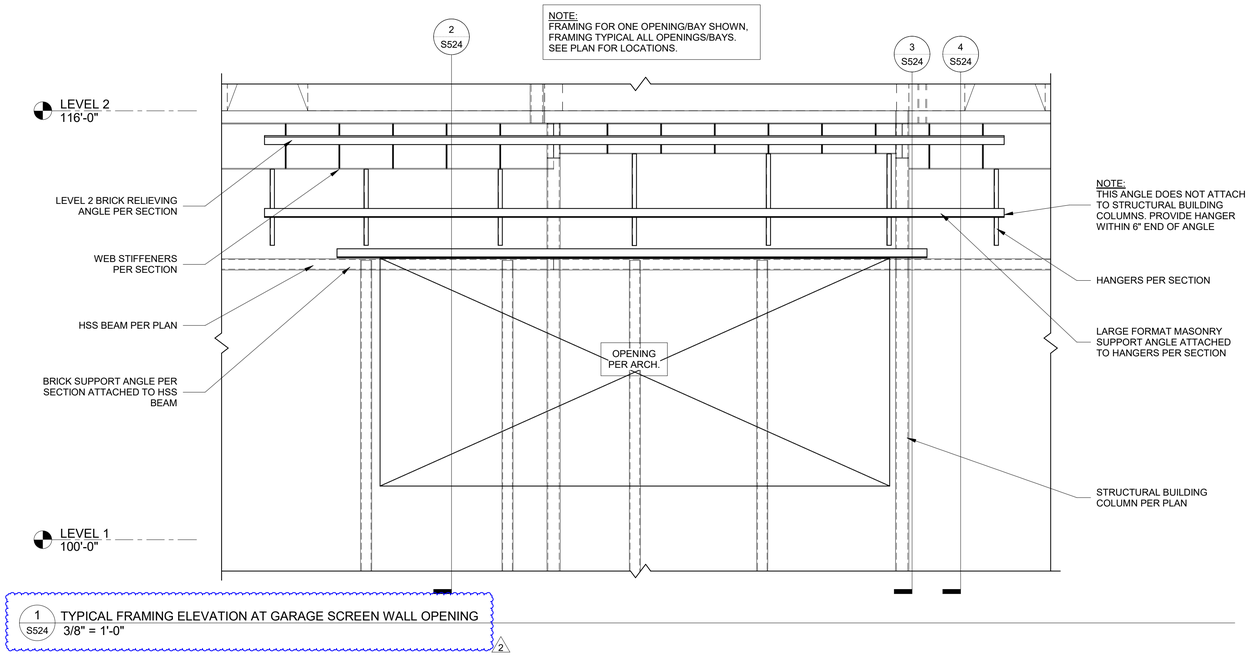
THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
PODIUM FRAMING DETAILS

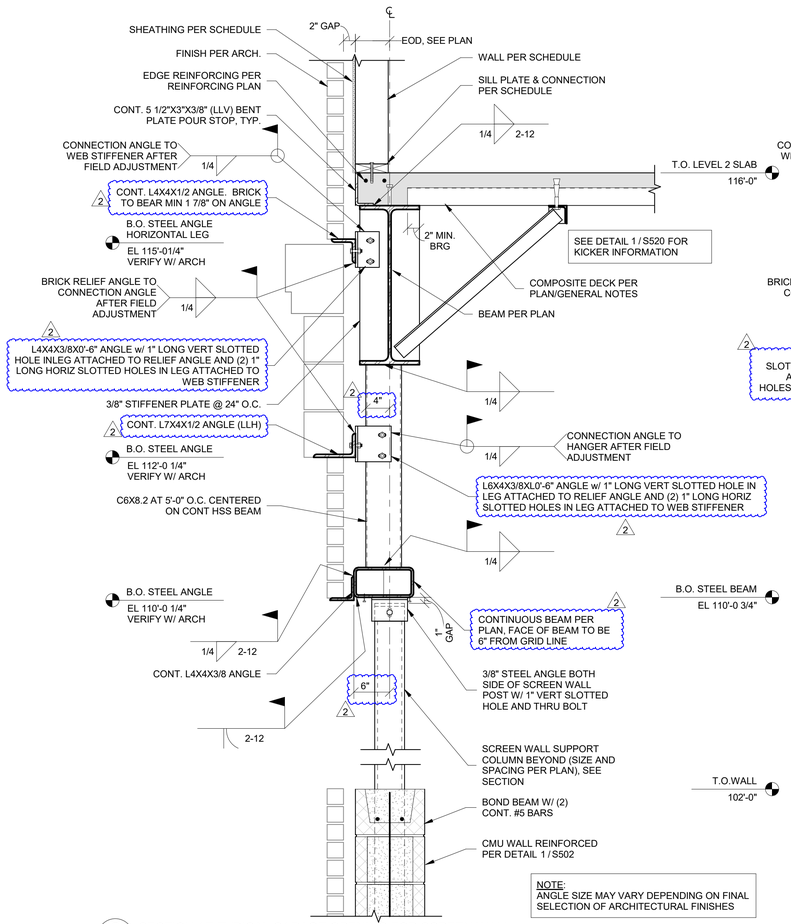
PROJECT NUMBER: 2023000333

SHEET NUMBER:

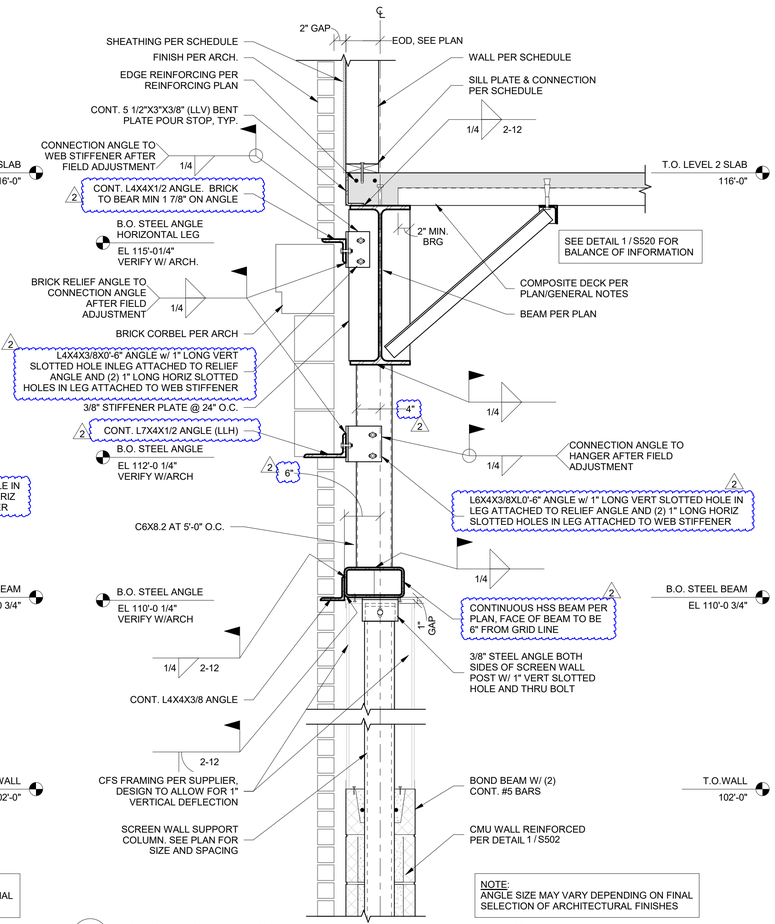
S523



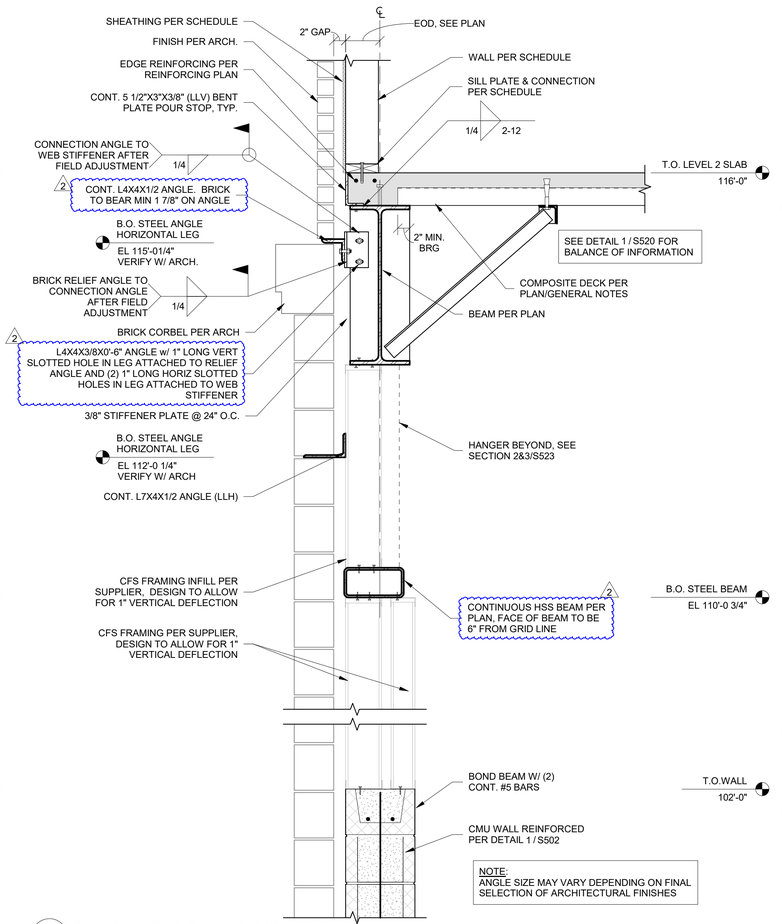
1 S524 TYPICAL FRAMING ELEVATION AT GARAGE SCREEN WALL OPENING
3/8" = 1'-0"



2 S524 SECTION AT TYPICAL GARAGE OPENING FOR SCREEN WALL
1" = 1'-0"



3 S524 SECTION AT GARAGE SCREEN WALL END POST WITHIN FULL HEIGHT WALL
1" = 1'-0"



4 S524 SECTION AT GARAGE BEYOND SCREEN WALL
1" = 1'-0"

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NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
FRAMING AT TYPICAL GARAGE WALL OPENING

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S524

12/24/2024 2:03:41 PM
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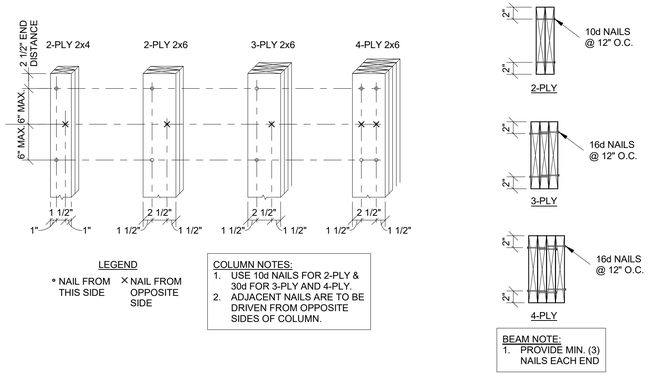
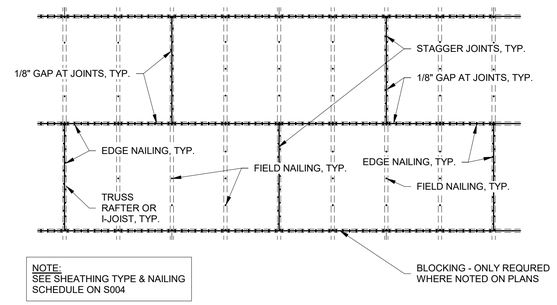
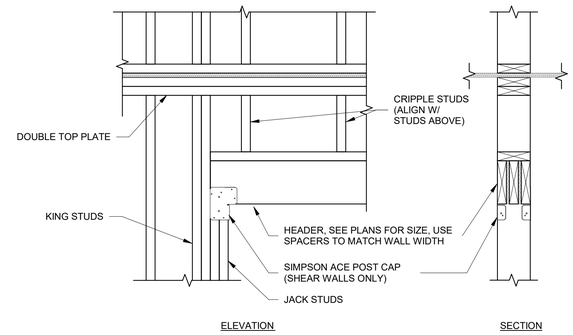


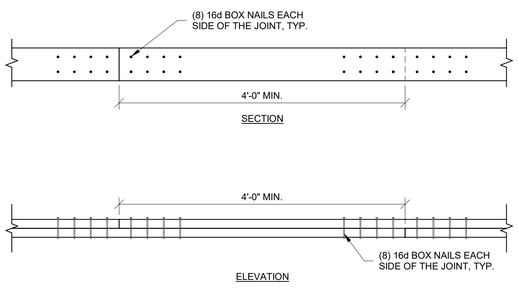
1 S530 TYPICAL BUILT-UP MEMBERS
1" = 1'-0"

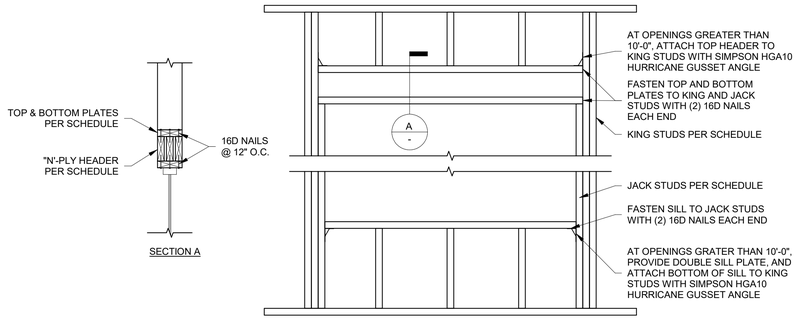


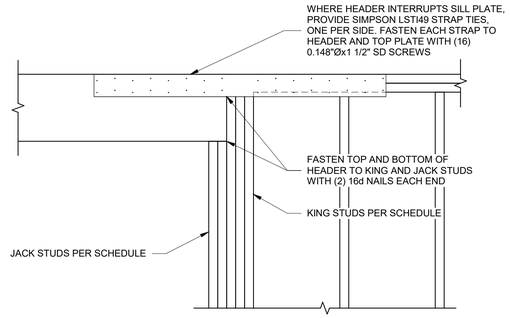
2 S530 DIAPHRAGM NAILING
3/8" = 1'-0"



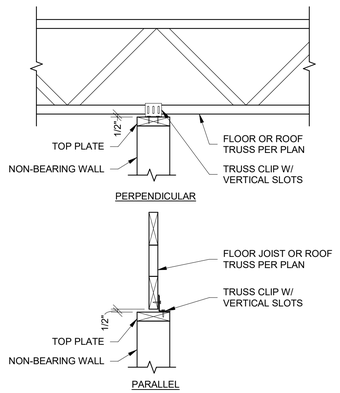
3 S530 TYPICAL HEADER CONNECTION
1" = 1'-0"



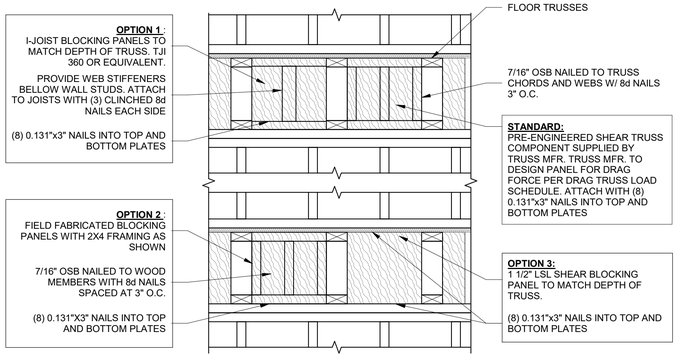


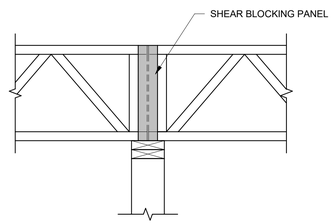


4 S530 TOP PLATE SPLICE
1" = 1'-0"

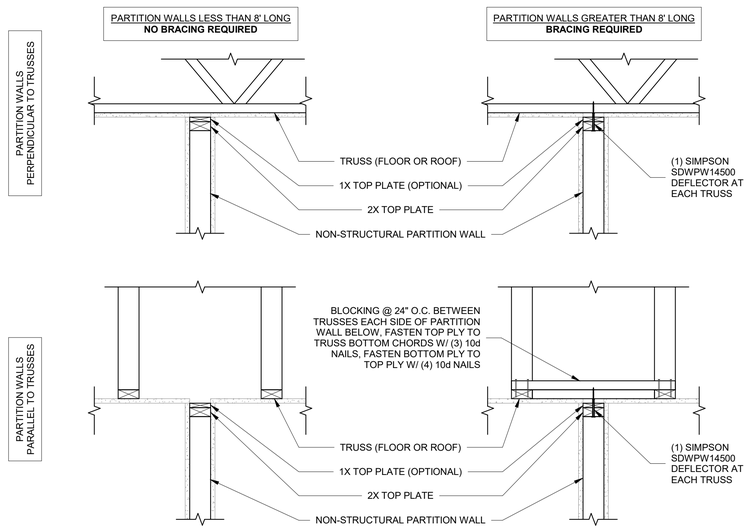


7 S530 NON-BEARING WALL TO JOIST
1" = 1'-0"





8 S530 SHEAR BLOCKING PANEL OPTIONS
1" = 1'-0"



9 S530 NON-STRUCTURAL PARTITION WALL DEFLECTION GAP & BRACING
1" = 1'-0"

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EXPIRES: DECEMBER 31, 2024

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
TYPICAL WOOD FRAMING DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:
S530

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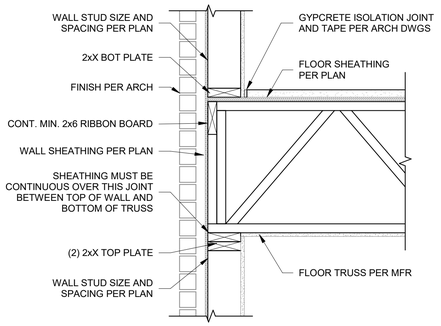
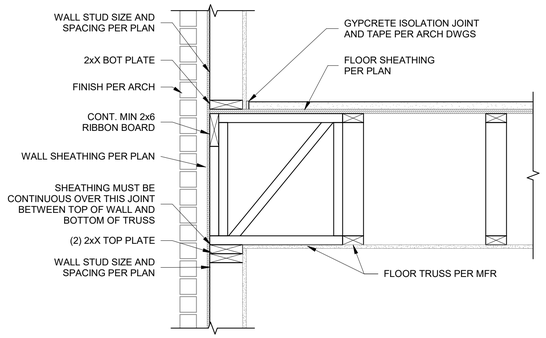
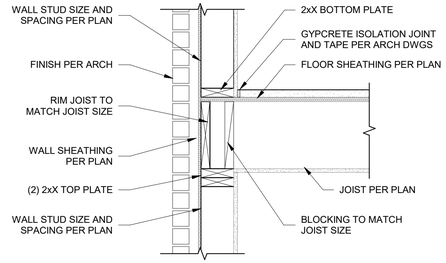


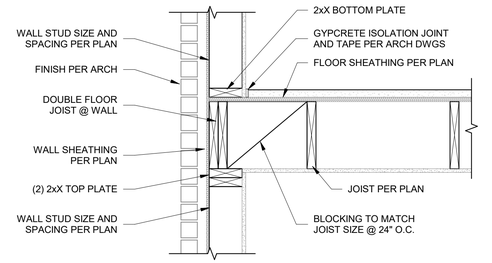
1 S531 FRAMING AT EXTERIOR WALL - OPEN WEB TRUSS BEARING
1" = 1'-0"



2 S531 FRAMING AT EXTERIOR WALL - OPEN WEB TRUSS PARALLEL
1" = 1'-0"



3 S531 FRAMING AT EXTERIOR WALL - JOIST BEARING
1" = 1'-0"



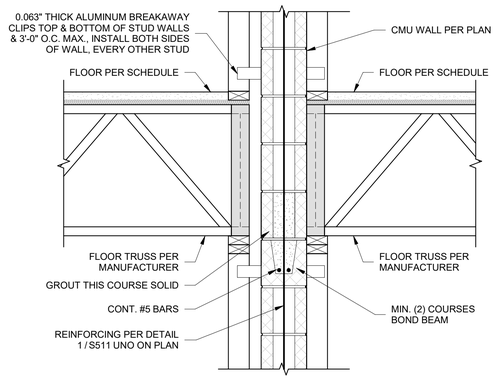
4 S531 FRAMING AT EXTERIOR WALL - JOIST PARALLEL
1" = 1'-0"

5 S531 FRAMING AT CORRIDOR
1" = 1'-0"

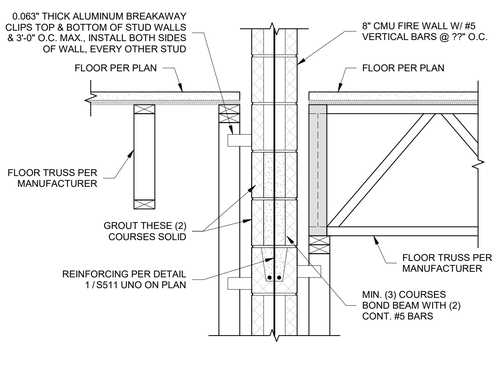
6 S531 TYPICAL WALL FRAMING ELEVATION
1" = 1'-0"

7 S531 FRAMING AT INTERIOR WALL
1" = 1'-0"

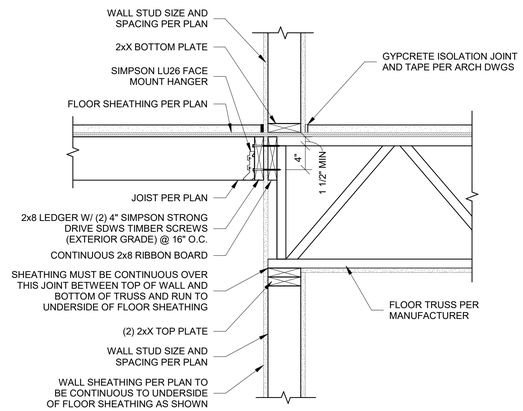
8 S531 FLOOR FRAMING AT INTERIOR WALL
1" = 1'-0"



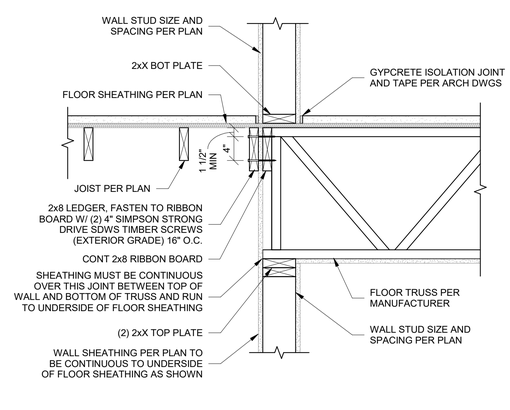
9 S531 FLOOR FRAMING AT CMU FIRE WALL
1" = 1'-0"



10 S531 FLOOR FRAMING TRANSITION AT CMU FIRE WALL
1" = 1'-0"



11 S531 FLOOR TRUSS BEARING AT CORRIDOR
1" = 1'-0"



12 S531 FRAMING AT CORRIDOR
1" = 1'-0"

12/24/2024 2:03:43 PM
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P 573-814-1568

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

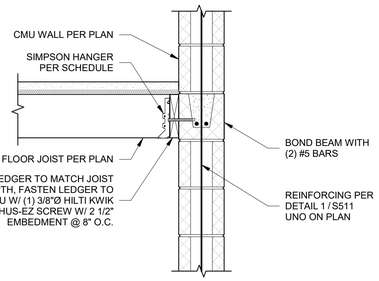
THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
WOOD FLOOR FRAMING DETAILS

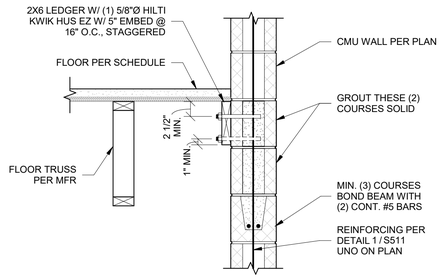
PROJECT NUMBER: 2023000333

SHEET NUMBER:

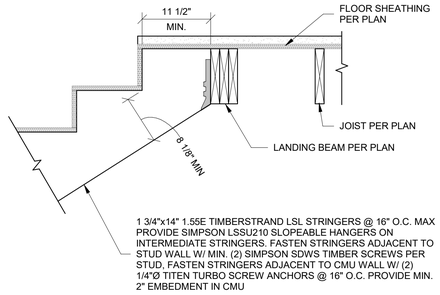
S531



1 S532 FLOOR JOIST BEARING AT CMU
1" = 1'-0"



2 S532 FLOOR TRUSS PARALLEL TO CMU
1" = 1'-0"



3 S532 LANDING AT FLOOR JOIST
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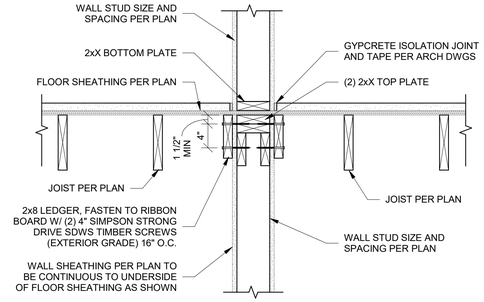
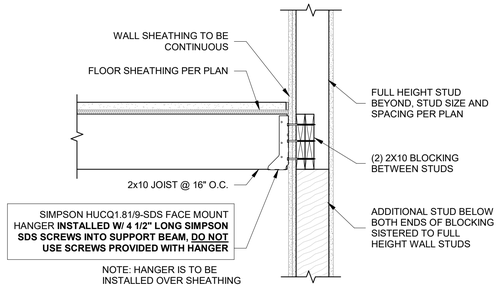


4 S532 FRAMING AT CORRIDOR
1" = 1'-0"



5 S532 SECTION AT STAIR WALL
1" = 1'-0"

PRINTS ISSUED
11/12/2024 - PERMIT SUBMITTAL

REVISIONS:
1 12/04/2024 City Comments Response
2 12/24/2024 Addendum 2

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
WOOD FLOOR FRAMING DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S532

12/24/2024 2:03:43 PM
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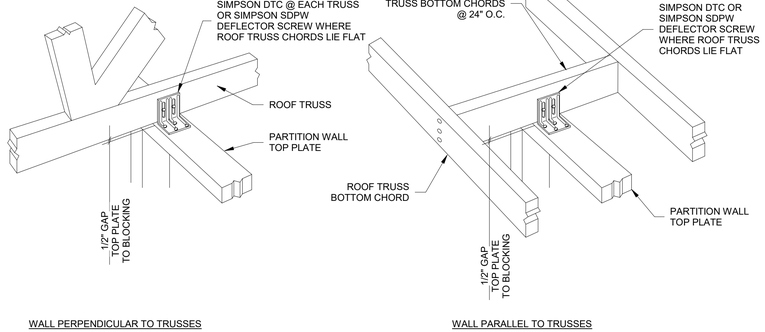
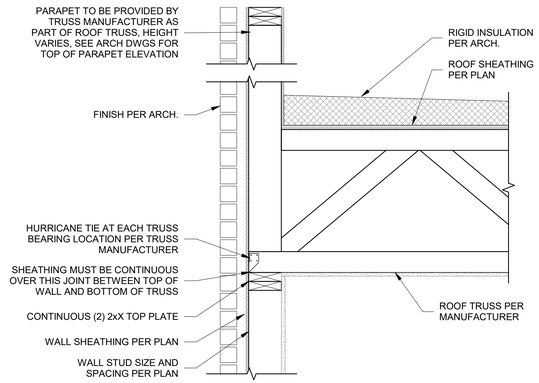
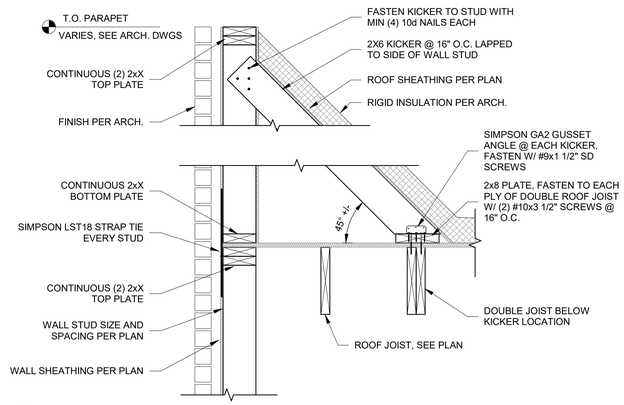


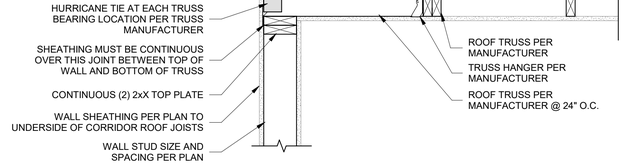
1 S540 PARTITION WALL AT ROOF TRUSS
1" = 1'-0"



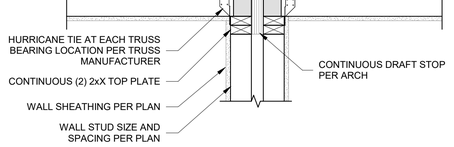
2 S540 ROOF TRUSS AT EXTERIOR WALL
1" = 1'-0"



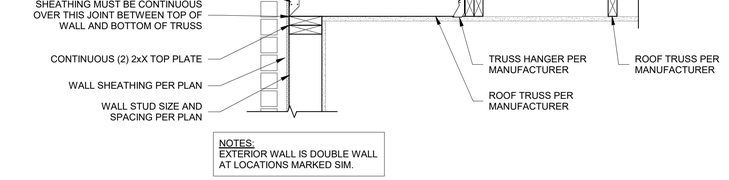
3 S540 FRAMING AT EXTERIOR WALL AT ROOF
1" = 1'-0"



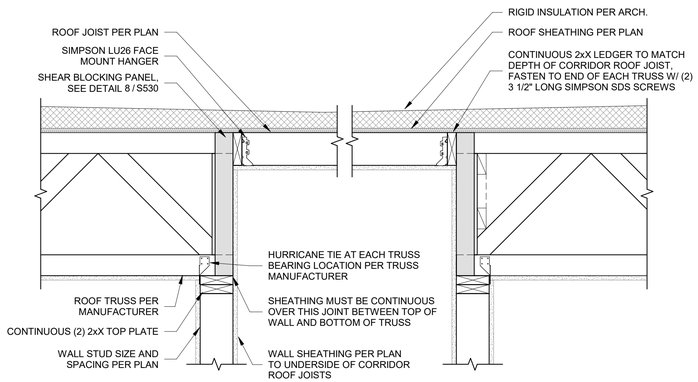
4 S540 FRAMING AT CORRIDOR AT ROOF
1" = 1'-0"



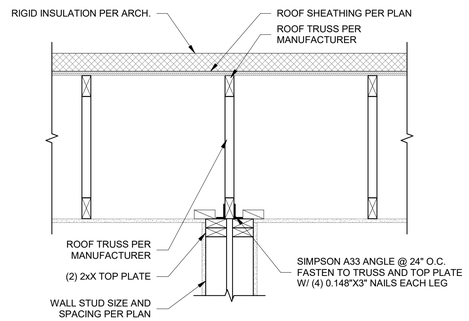
5 S540 ROOF TRUSS BEARING ON INTERIOR WALL
1" = 1'-0"



6 S540 ROOF TRUSS PARALLEL AT EXTERIOR WALL
1" = 1'-0"



7 S540 ROOF TRUSS AT CORRIDOR WITH BUMP UP
1" = 1'-0"



8 S540 ROOF DRAG TRUSS SECTION AT SHEAR WALL
1" = 1'-0"

PRINTS ISSUED
11/12/2024 - PERMIT SUBMITTAL

REVISIONS:
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NO. E-2006023253
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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
WOOD ROOF FRAMING DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:
S540

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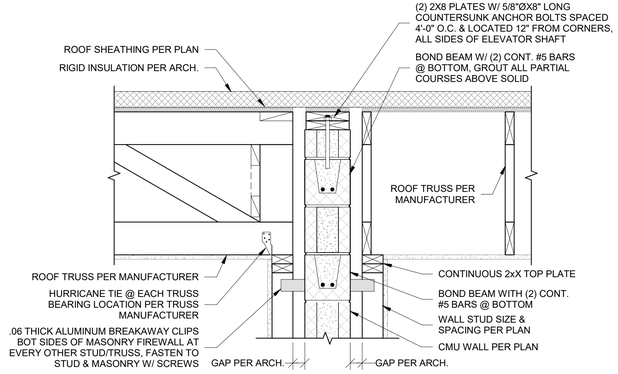
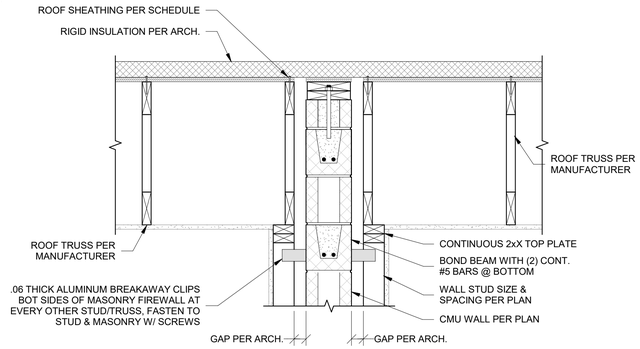
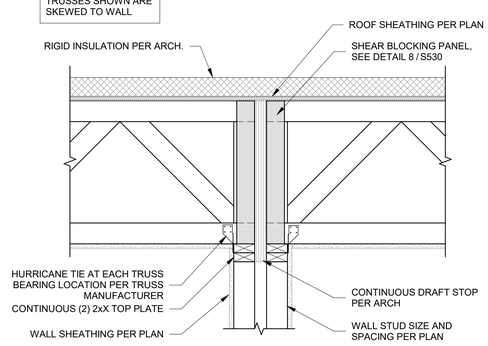


1 S541 ROOF SECTION AT FIRE WALL - TRUSS TRANSITION
1" = 1'-0"

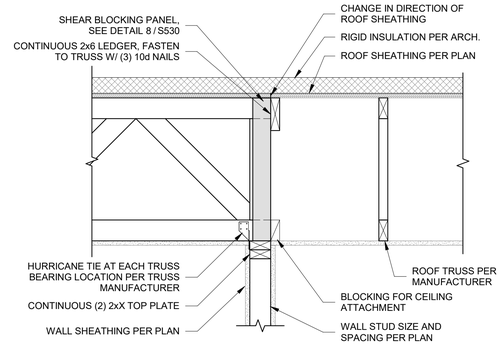


2 S541 ROOF SECTION AT FIRE WALL - TRUSSES PARALLEL
1" = 1'-0"

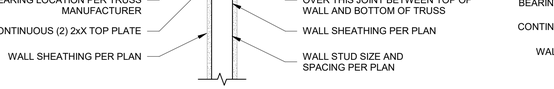
NOTES:
TRUSSES SHOWN ARE SKEWED TO WALL



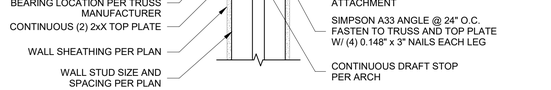
3 S541 ROOF TRUSS BEARING AT INTERIOR DEMISING WALL
1" = 1'-0"



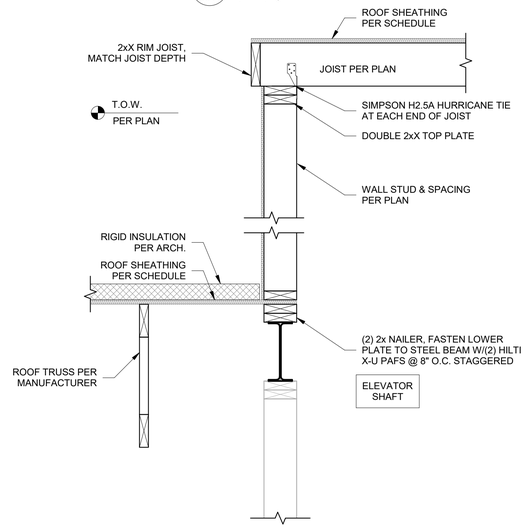
4 S541 ROOF TRUSS BEARING TRANSITION
1" = 1'-0"



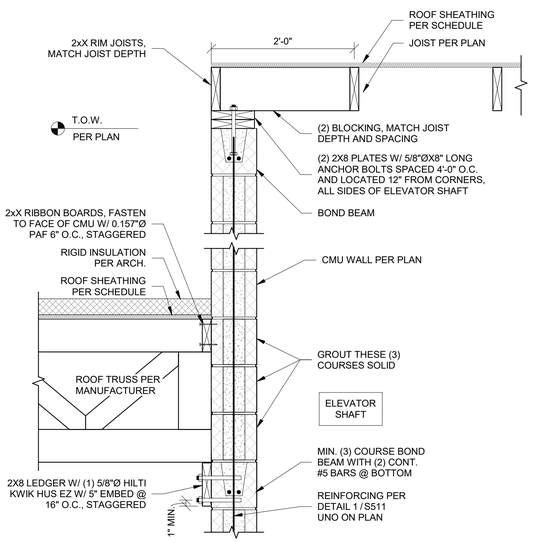
5 S541 ROOF TRUSS BEARING TRANSITION
1" = 1'-0"



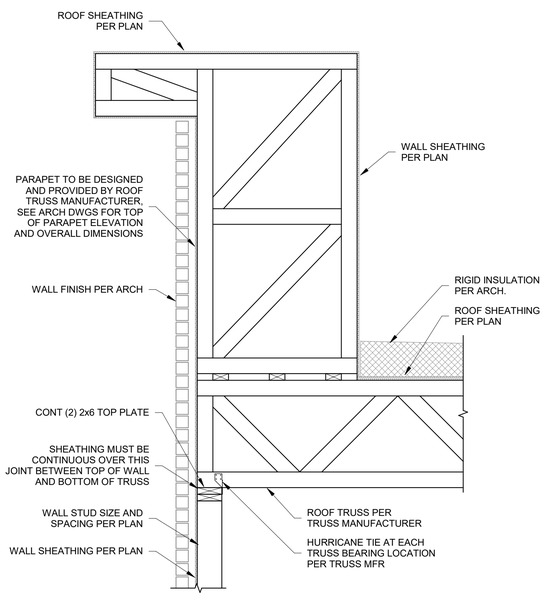
6 S541 ROOF TRUSS BEARING TRANSITION AT DEMISING WALL
1" = 1'-0"



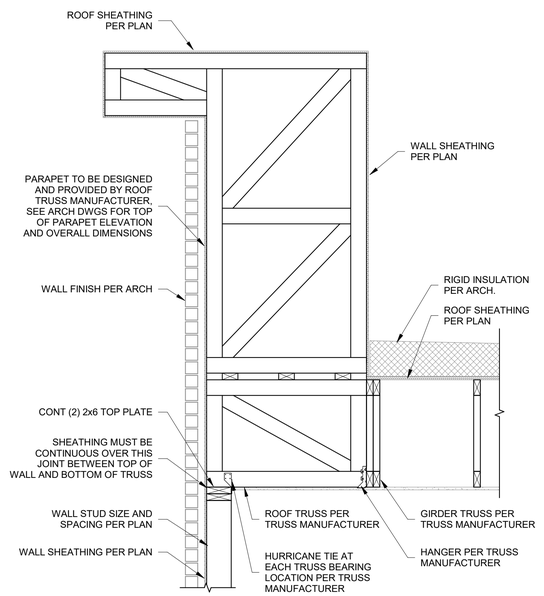
7 S541 SECTION AT ELEVATOR AT ROOF
1" = 1'-0"



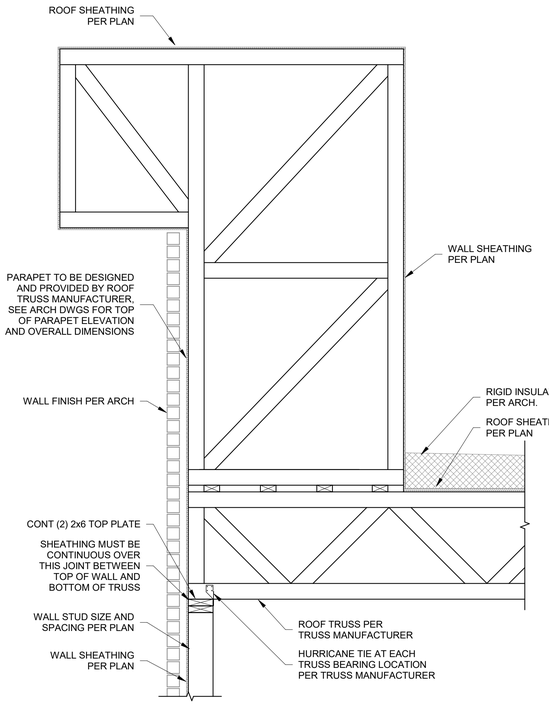
8 S541 SECTION AT ELEVATOR AT ROOF
1" = 1'-0"



9A S541 SECTION AT BUILT-UP PARAPET
3/4" = 1'-0"



9B S541 SECTION AT BUILT-UP PARAPET PERP TO TRUSSES
3/4" = 1'-0"



10 S541 SECTION AT BUILT-UP PARAPET GRID 21
3/4" = 1'-0"

PRINTS ISSUED
11/12/2024 - PERMIT SUBMITTAL

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
WOOD ROOF FRAMING DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:
S541

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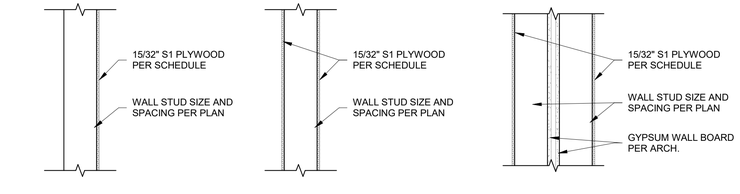
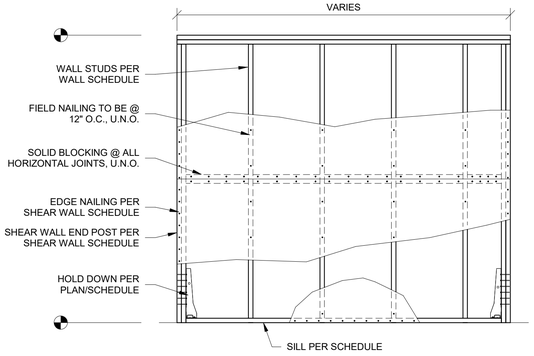
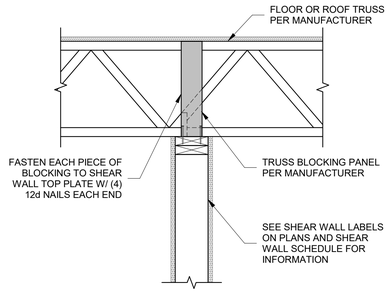


1 S550 TYPICAL SHEARWALL SECTIONS
1" = 1'-0"

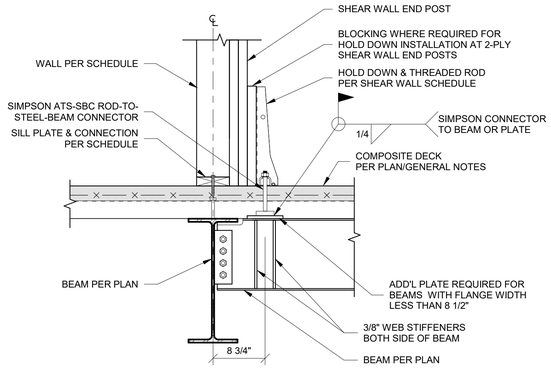


2 S550 SHEAR WALL NAILING
1/2" = 1'-0"

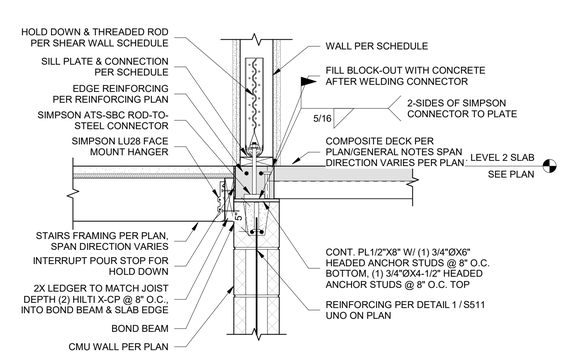


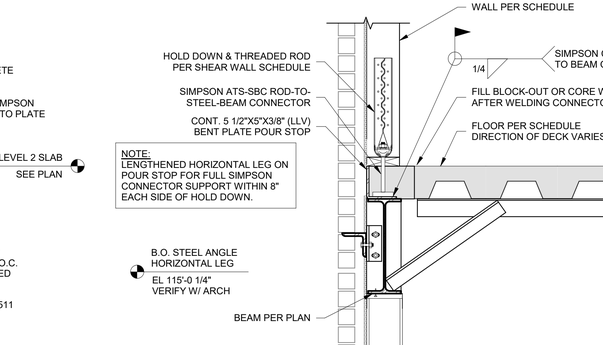
NOTE:
ALL TRUSSES AND TRUSS BLOCKING PANELS ABOVE SHEAR WALLS TO TRANSFER LOAD PER DRAG TRUSS DESIGN LOAD SCHEDULE

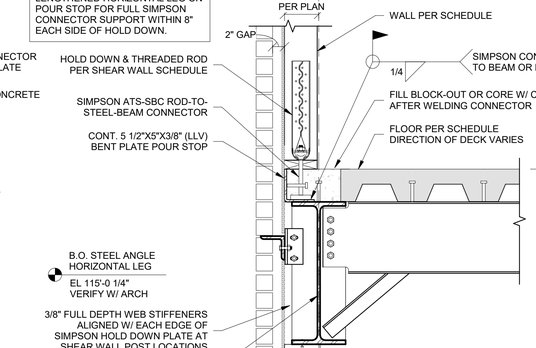
3 S550 SHEAR WALL FASTENING TO TRUSS
1" = 1'-0"



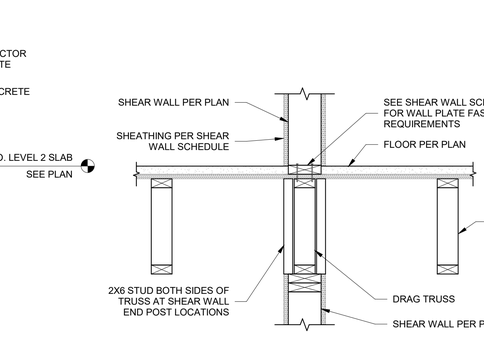
4 S550 SHEAR WALL HOLD DOWN AT STEEL BEAM
1" = 1'-0"







NOTE:
SEE LEVEL 2 FRAMING PLAN FOR HOLD DOWN LOCATIONS. WELD SIMPSON ATS-SBC ROD-TO-STEEL-BEAM CONNECTORS TO BEAM AND INSTALL ROD BEFORE PLACING CONCRETE, OR BLOCK OUT SLAB FOR LATER INSTALLATION.



NOTE:
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5 S550 FLOOR-TO-FLOOR STRAP TIE
1" = 1'-0"

6 S550 DEMISING WALL SHEAR WALL HOLD DOWN AT STEEL BEAMS
1" = 1'-0"

7 S550 SHEAR WALL HOLD DOWN AT STEEL BEAM
1" = 1'-0"

NOTE:
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NOTE:
LENGTHENED HORIZONTAL LEG ON POUR STOP FOR FULL SIMPSON CONNECTOR SUPPORT WITHIN 8" EACH SIDE OF HOLD DOWN.

NOTE:
SEE LEVEL 2 FRAMING PLAN FOR HOLD DOWN LOCATIONS. WELD SIMPSON ATS-SBC ROD-TO-STEEL-BEAM CONNECTORS TO BEAM AND INSTALL ROD BEFORE PLACING CONCRETE, OR BLOCK OUT SLAB FOR LATER INSTALLATION.

NOTE:
SEE LEVEL 2 FRAMING PLAN FOR HOLD DOWN LOCATIONS. WELD SIMPSON ATS-SBC ROD-TO-STEEL-BEAM CONNECTORS TO BEAM AND INSTALL ROD BEFORE PLACING CONCRETE, OR BLOCK OUT SLAB FOR LATER INSTALLATION.

8 S550 SHEAR WALL HOLD DOWN AT CMU
1" = 1'-0"

9 S550 SHEAR WALL HOLD DOWN AT EXTERIOR BEAM
1" = 1'-0"

10 S550 SHEAR WALL HOLD DOWN AT OFFSET BEAM
1" = 1'-0"

11 S550 SHEAR WALL PARALLEL TO FLOOR TRUSSES AT SINGLE WALL
1" = 1'-0"

PRINTS ISSUED
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LEE'S SUMMIT, MO 64064

SHEET TITLE
SHEAR WALL DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:
S550

12/24/2024 2:03:45 PM
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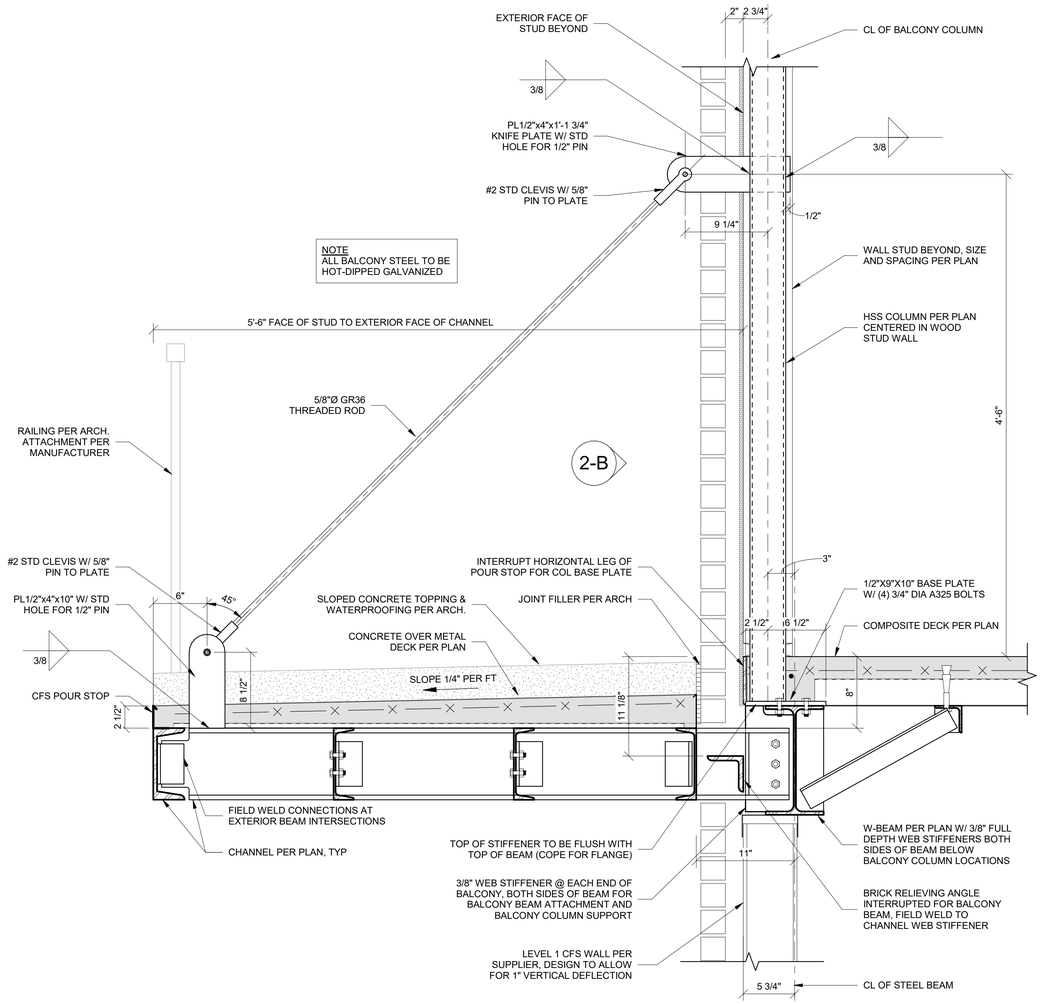
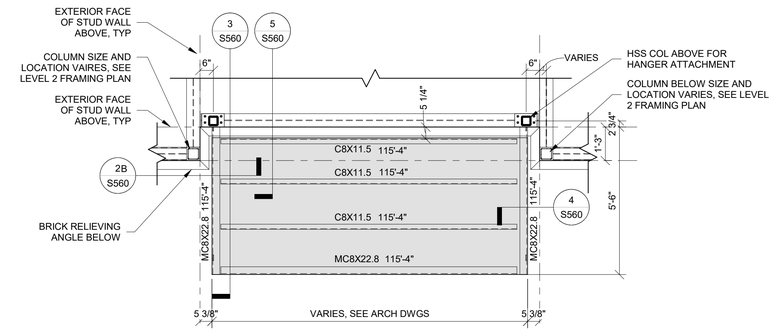
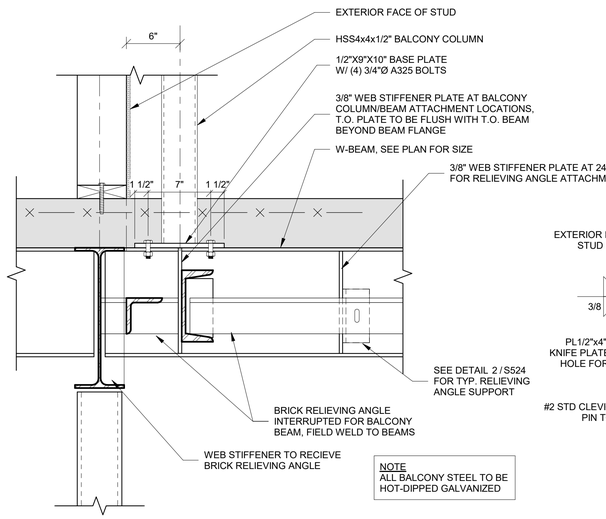


2-A SECTION



1 S560 TYPICAL BALCONY LEVEL 2 - COMMERCIAL SIDE
3/8" = 1'-0"



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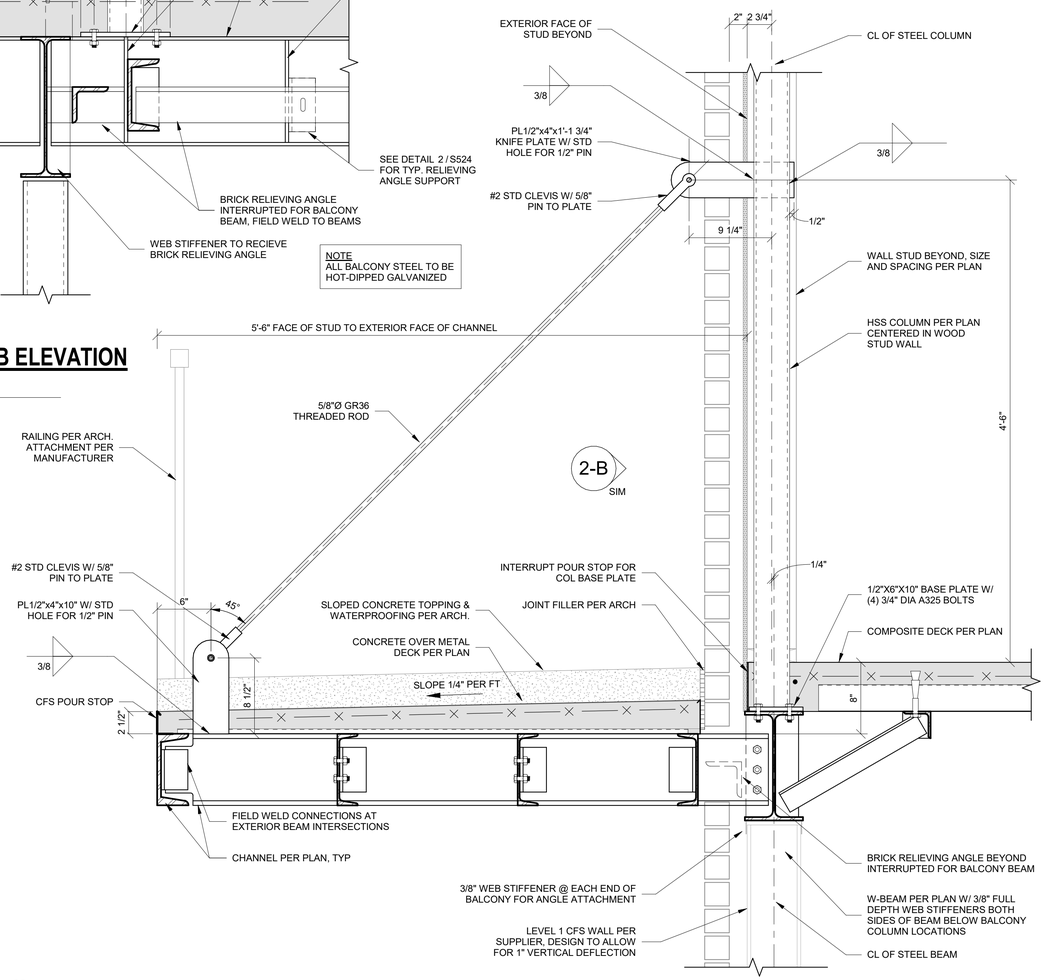
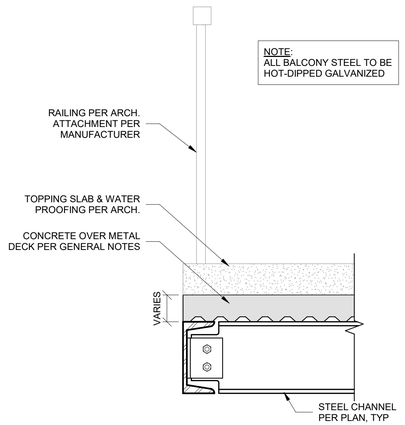
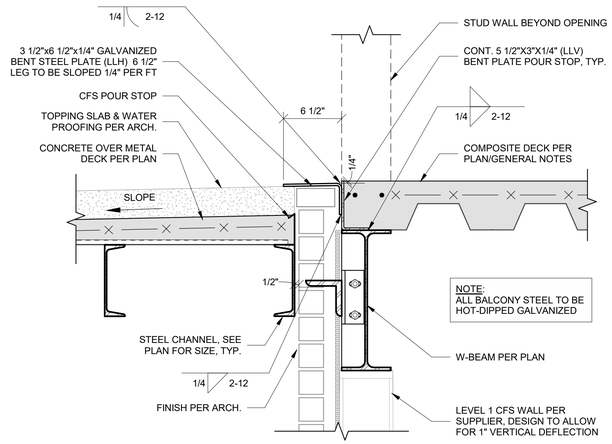


3 S560 BALCONY SECTION AT HANGER - LEVEL 2 COMMERCIAL SIDE
1 1/2" = 1'-0"

2 S560 BALCONY HANGER DETAILS - LEVEL 2 PARKING GARAGE SIDE
1 1/2" = 1'-0"



4 S560 BALCONY EDGE SECTION
1 1/2" = 1'-0"



5 S560 BALCONY SECTION AT DOOR THRESHOLD - LEVEL 2
1 1/2" = 1'-0"

12/24/2024 2:03:48 PM
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REVISIONS:
1 12/04/2024 City Comments Response
2 12/24/2024 Addendum 2

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

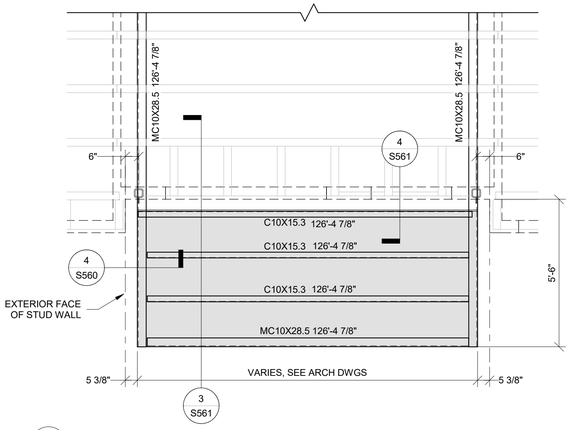
THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
TYPICAL BALCONY PLANS AND DETAILS - LEVEL 2

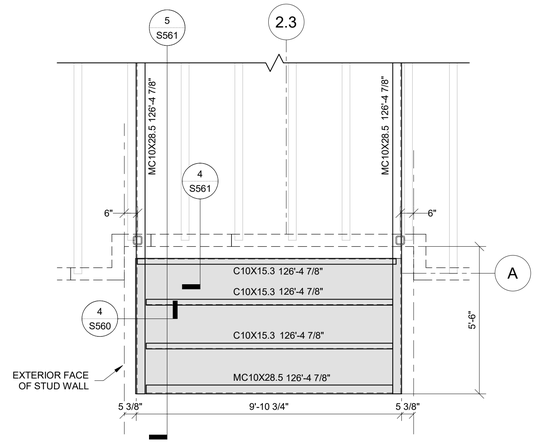
PROJECT NUMBER: 2023000333

SHEET NUMBER:

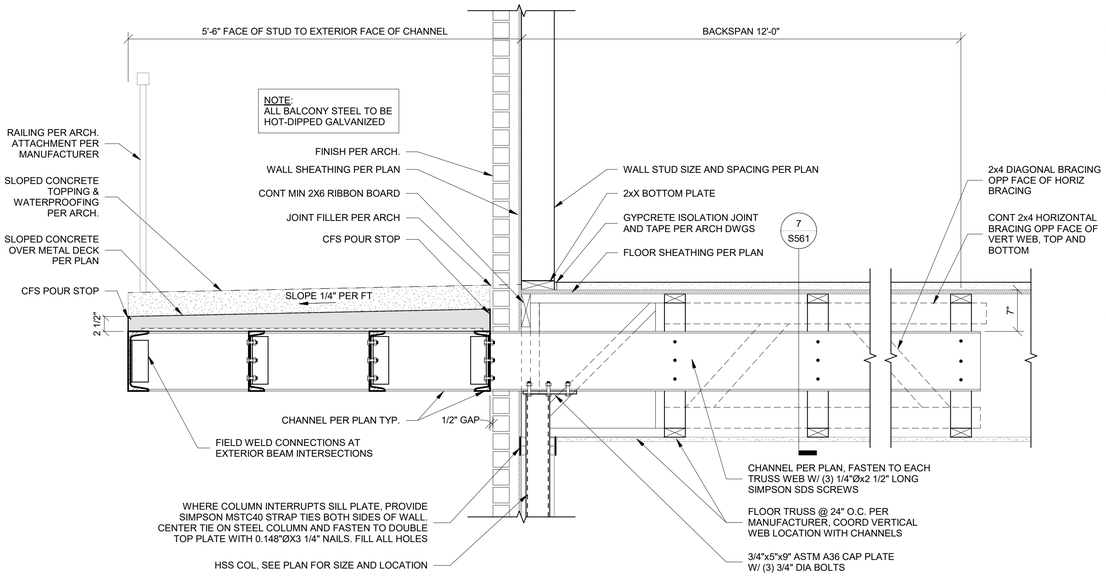
S560



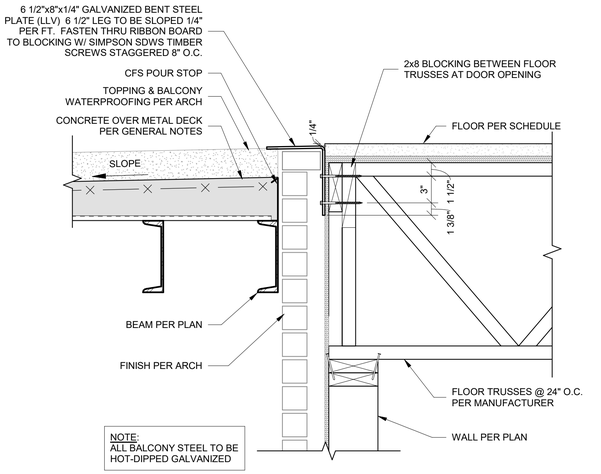
1 S561 TYPICAL BALCONY TRUSSES PARALLEL TO WALL - LEVEL 3
3/8" = 1'-0"



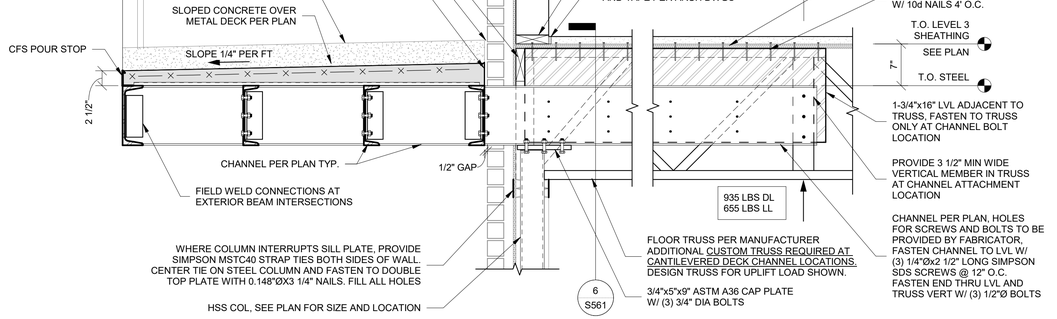
2 S561 BALCONY NEAR GRID INTERSECTION A-2.3 TRUSSES PERPENDICULAR TO WALL - LEVEL 3
3/8" = 1'-0"



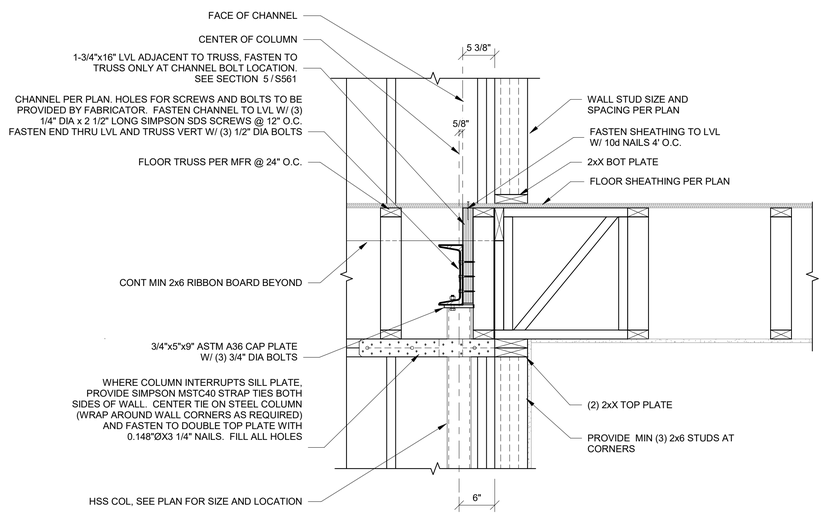
3 S561 BALCONY FRAMING SECTION AT CHANNEL - LEVEL 3
1" = 1'-0"



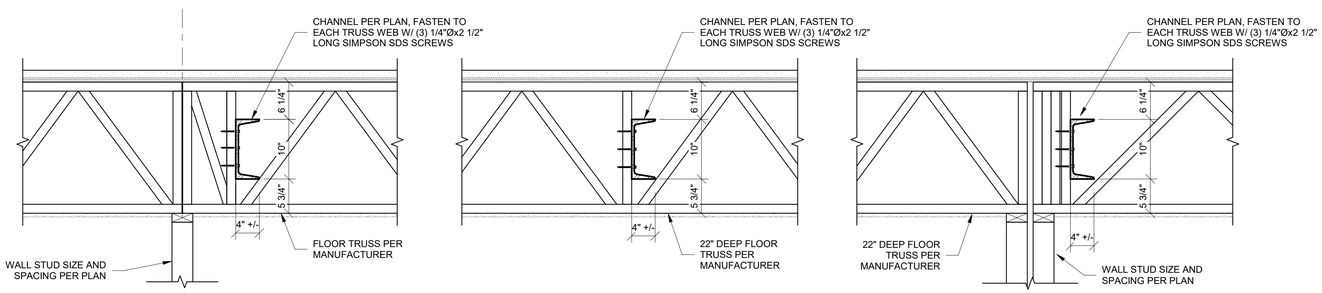
4 S561 BALCONY SECTION AT DOOR THRESHOLD - LEVEL 3
1 1/2" = 1'-0"



5 S561 BALCONY FRAMING SECTION - AT CHANNEL
1" = 1'-0"



6 S561 BALCONY FRAMING SECTION - CHANNEL BEARING ON COL
1" = 1'-0"



7 S561 BALCONY BEAM PERPENDICULAR TO TRUSS CONNECTION
1" = 1'-0"

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EXPIRES: DECEMBER 31, 2024

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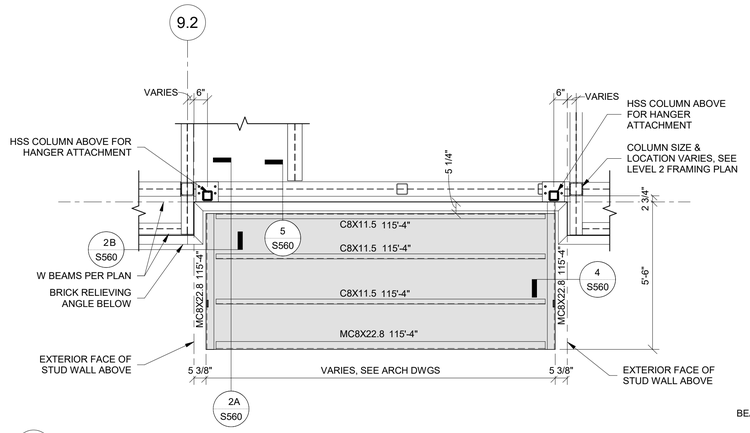
THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
TYPICAL BALCONY PLANS AND DETAILS - LEVEL 3

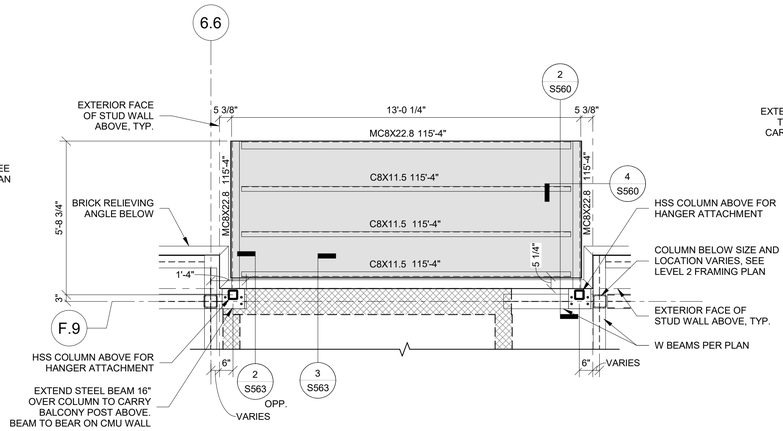
PROJECT NUMBER: 2023000333

SHEET NUMBER:

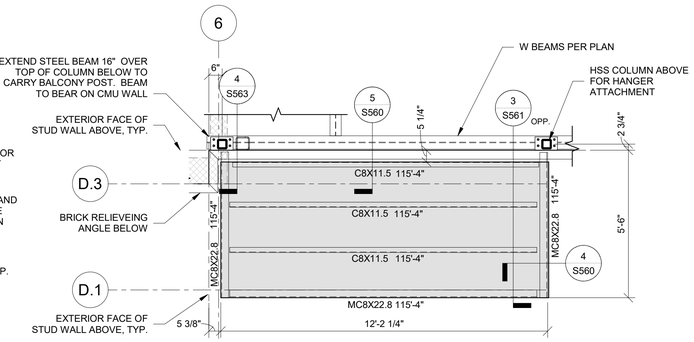
S561



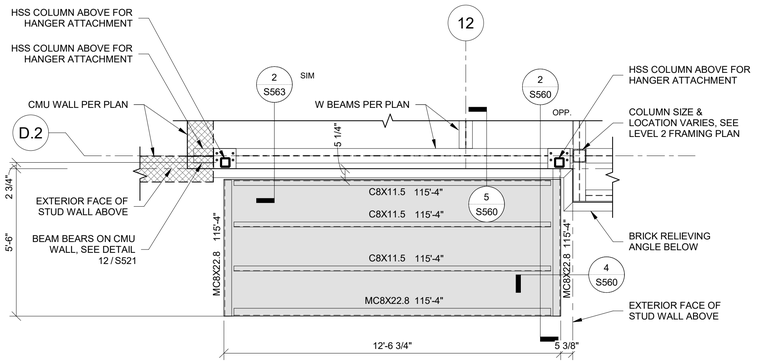
1 S562 TYPICAL BALCONY AT GARAGE
3/8" = 1'-0"



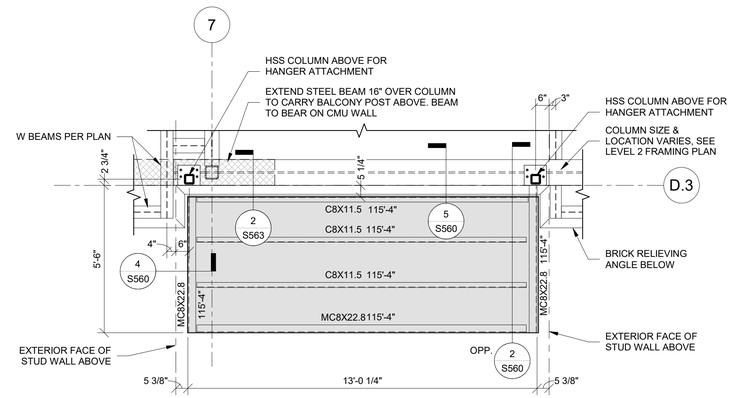
2 S562 NON-TYPICAL BALCONY NEAR GRID INTERSECTION 6.6-F.9 AT LEVEL 2
3/8" = 1'-0"



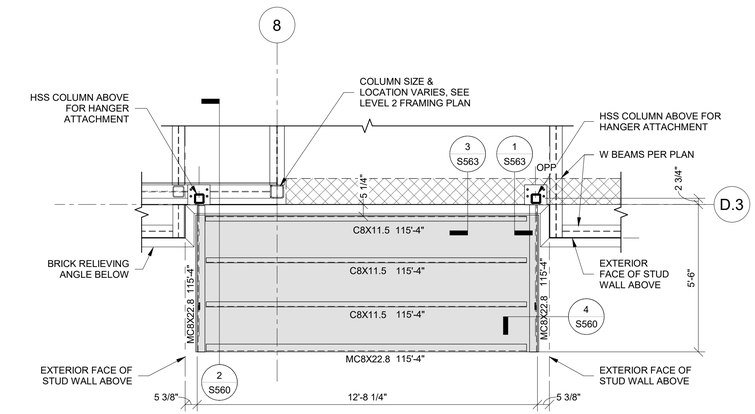
3 S562 NON-TYPICAL BALCONY NEAR GRID INTERSECTION 6-D.1 AT LEVEL 2
3/8" = 1'-0"



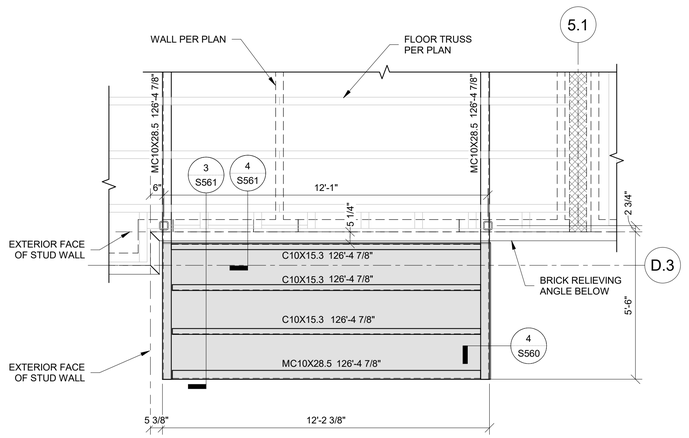
4 S562 NON-TYPICAL BALCONY NEAR GRID INTERSECTION 12-D.2 AT LEVEL 2
3/8" = 1'-0"



5 S562 NON-TYPICAL BALCONY NEAR GRID INTERSECTION 7-C.3 AT LEVEL 2
3/8" = 1'-0"



6 S562 NON-TYPICAL BALCONY NEAR GRID INTERSECTION 8-D.3 AT LEVEL 2
3/8" = 1'-0"



7 S562 NON-TYPICAL BALCONY NEAR GRID INTERSECTION 5.1-D.3 AT LEVEL 3
3/8" = 1'-0"

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
ADDITIONAL BALCONY PLANS LEVELS 2 AND 3

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S562

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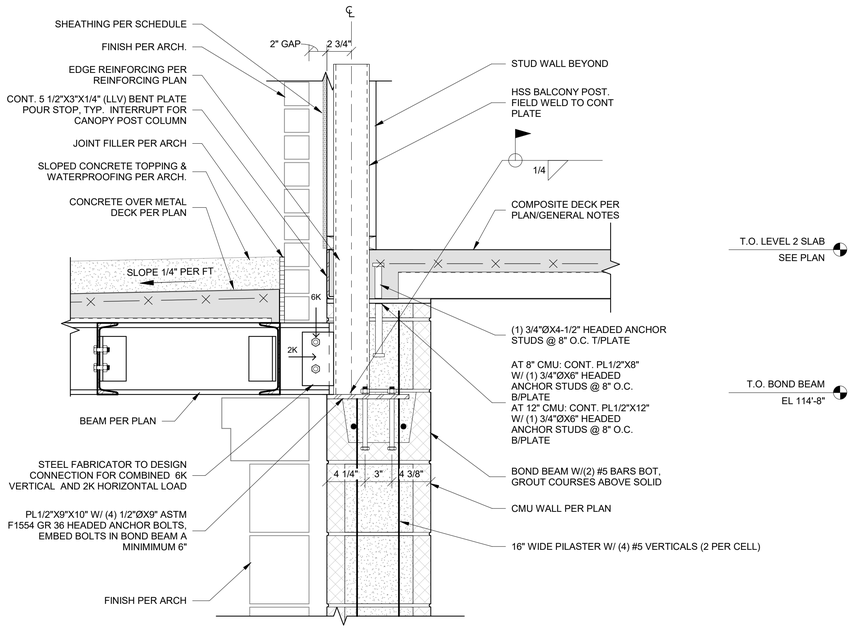
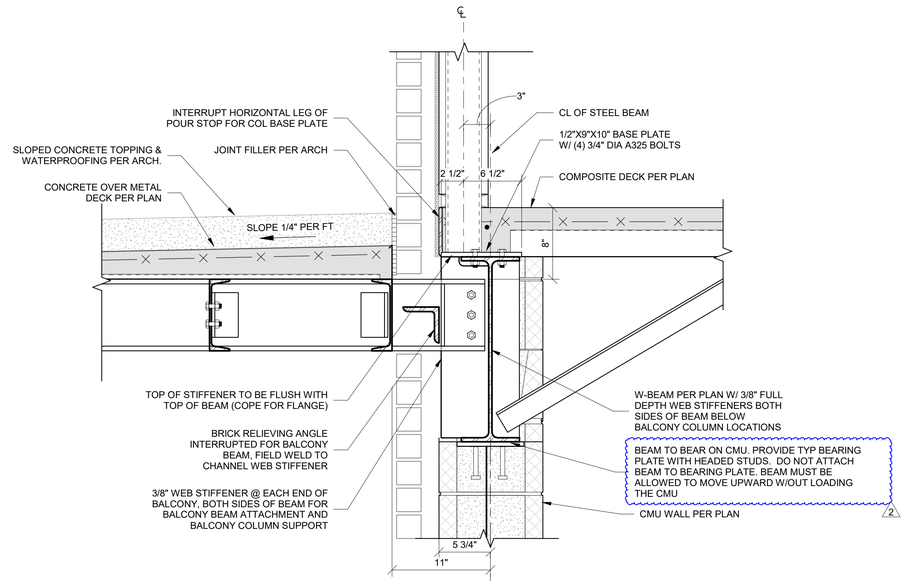
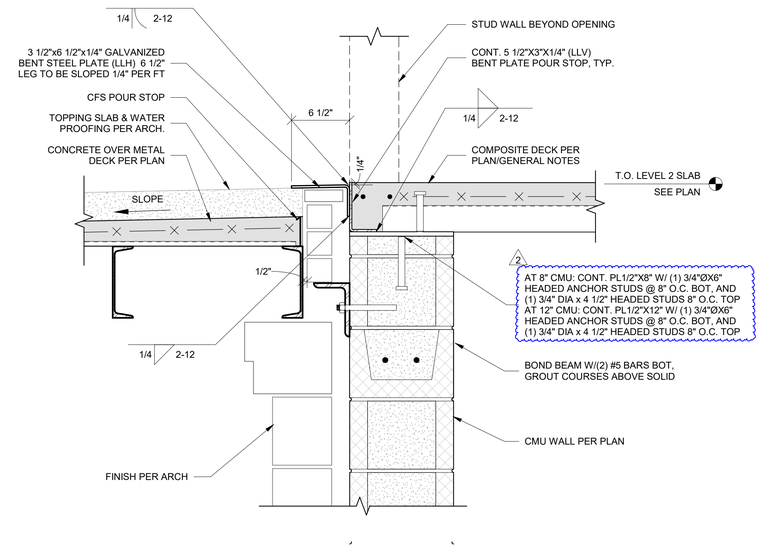


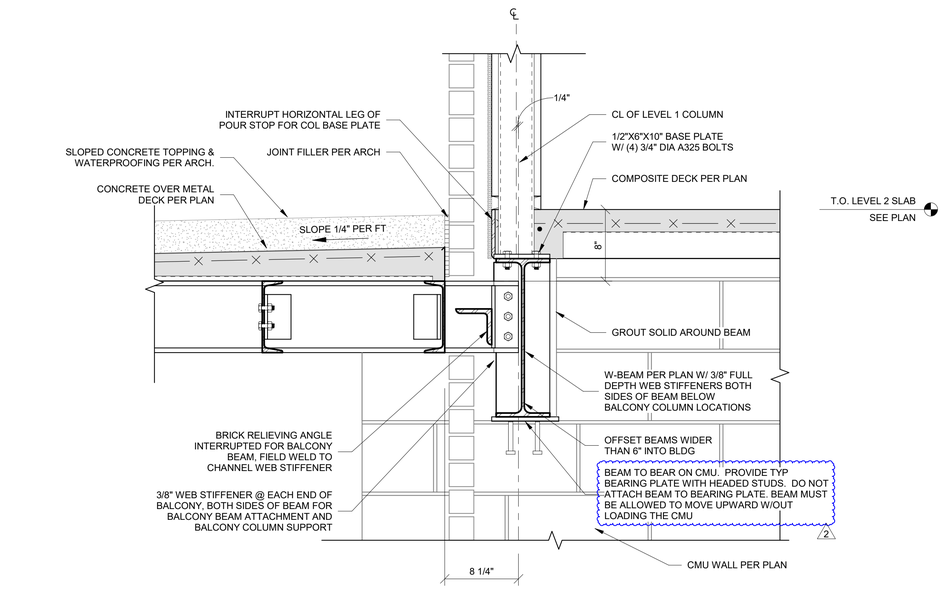
1 S563 BALCONY ATTACHMENT TO CMU
1 1/2" = 1'-0"



2 S563 BALCONY ATTACHMENT TO BEAM OVER CMU
1 1/2" = 1'-0"



3 S563 BALCONY SECTION AT DOOR THRESHOLD - LEVEL 2
1 1/2" = 1'-0"



4 S563 BALCONY ATTACHMENT TO BEAM OVER CMU
1 1/2" = 1'-0"

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MISSOURI CERTIFICATE OF AUTHORITY
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EXPIRES: DECEMBER 31, 2024

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
ADDITIONAL BALCONY DETAILS

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S563

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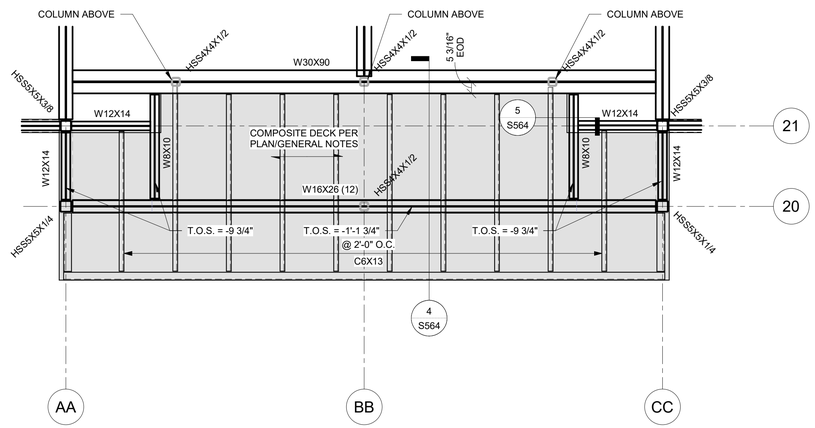
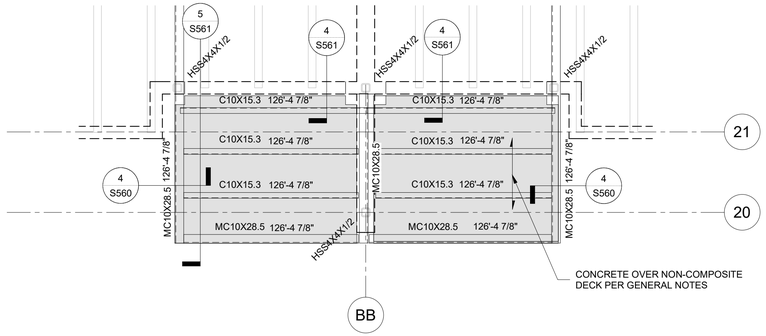
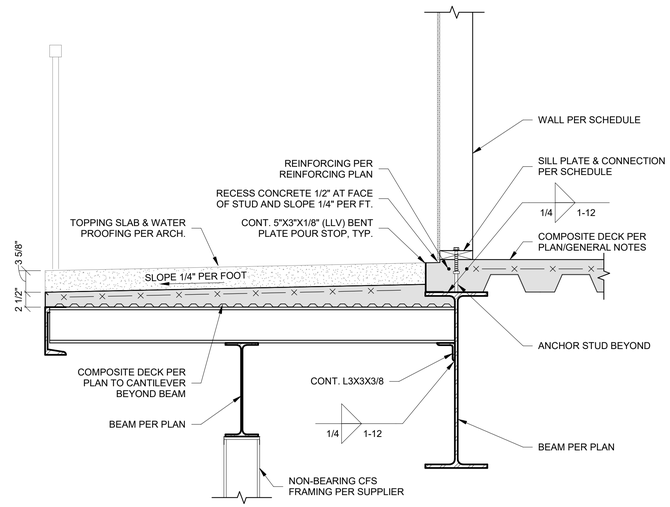


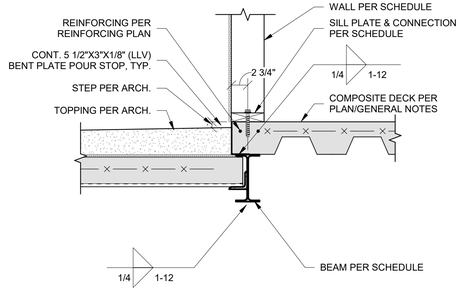
1 / S564 NON-TYPICAL BALCONY NEAR AT GRID 20 AT LEVEL 2
3/8" = 1'-0"



3 / S564 NON-TYPICAL BALCONY AT GRID 20 AT LEVEL 3
3/8" = 1'-0"



4 / S564 ENTRY BALCONY DETAIL
1" = 1'-0"



5 / S564 BALCONY SECTION
1" = 1'-0"

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MISSOURI CERTIFICATE OF AUTHORITY
NO. E-2006023253
EXPIRES: DECEMBER 31, 2024

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THE VILLAGE AT DISCOVERY - LOT 7
LEE'S SUMMIT, MO 64064

SHEET TITLE
MAIN ENTRY BALCONY
LEVEL 2/ LEVEL 3

PROJECT NUMBER: 2023000333

SHEET NUMBER:

S564

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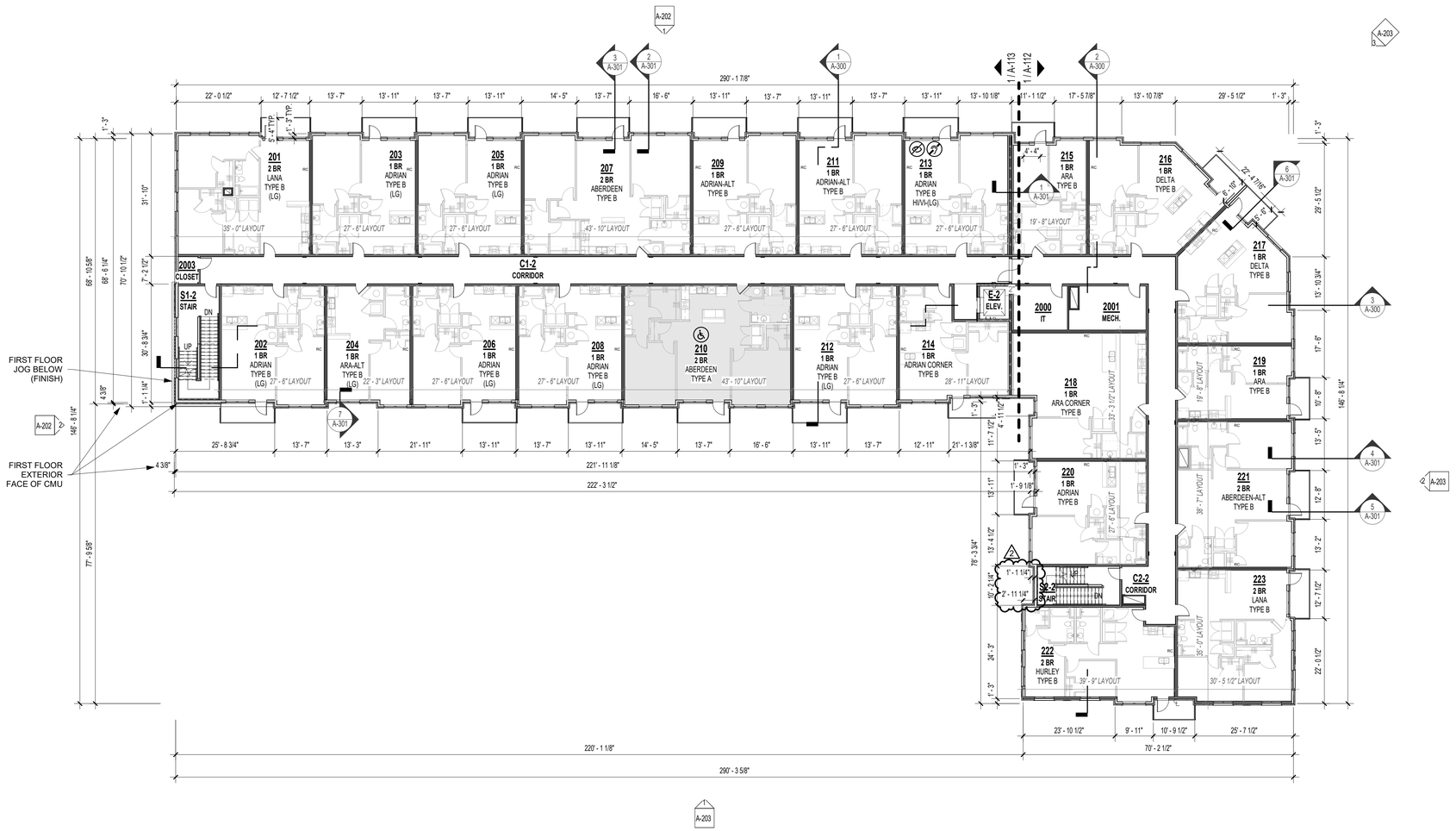
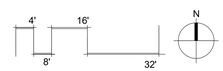
REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-101 FOR PLAN LEGEND

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



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



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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
SECOND FLOOR PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-102

12/20/2024 10:15:42 PM
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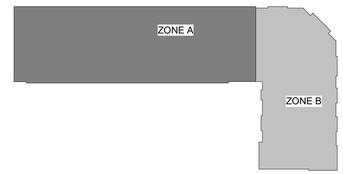
1 SECOND FLOOR ENLARGED PLAN - ZONE A
1/8" = 1'-0"



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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
ENLARGED PLAN - 2ND FLOOR
ZONE A

PROJECT NUMBER: 23103

SHEET NUMBER:

A-112

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REFERENCE G-003 FOR GENERAL NOTES

2 WEST ELEVATION
3/32" = 1'-0"

1 NORTH ELEVATION
3/32" = 1'-0"

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2 12/20/24 Add #2

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
EXTERIOR ELEVATIONS

PROJECT NUMBER: 23103

SHEET NUMBER:

A-200

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REFERENCE G-003 FOR GENERAL NOTES

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THE VILLAGE AT DISCOVERY - LOT 7

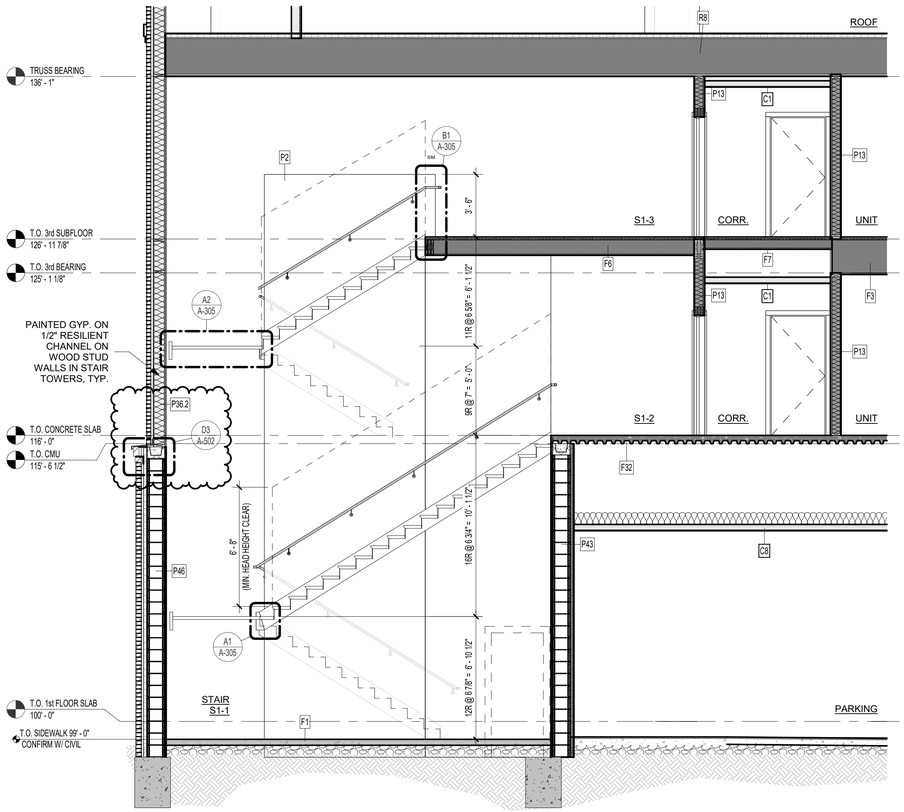
LEE'S SUMMIT, MO

SHEET TITLE
STAIR 1 - PLANS AND SECTION

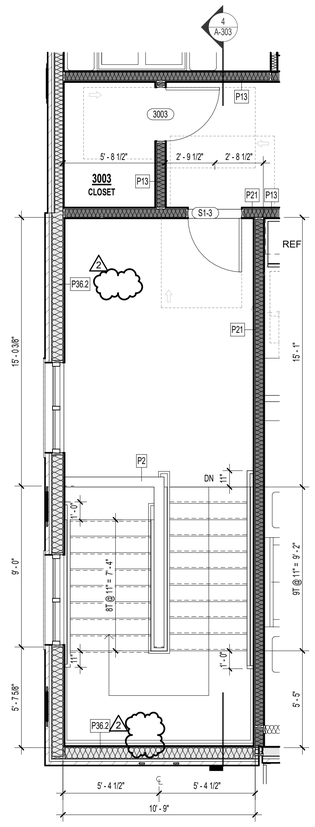
PROJECT NUMBER: 23103

SHEET NUMBER:

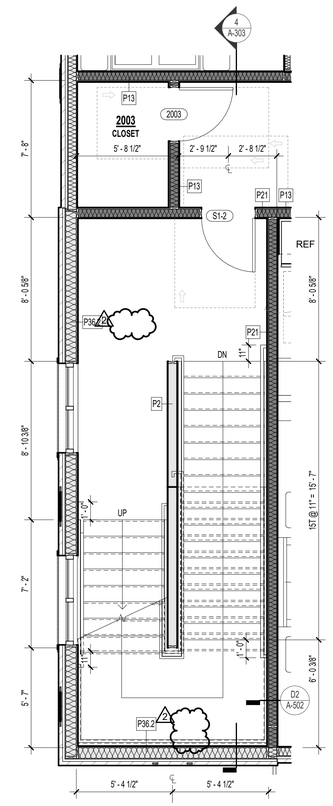
A-303



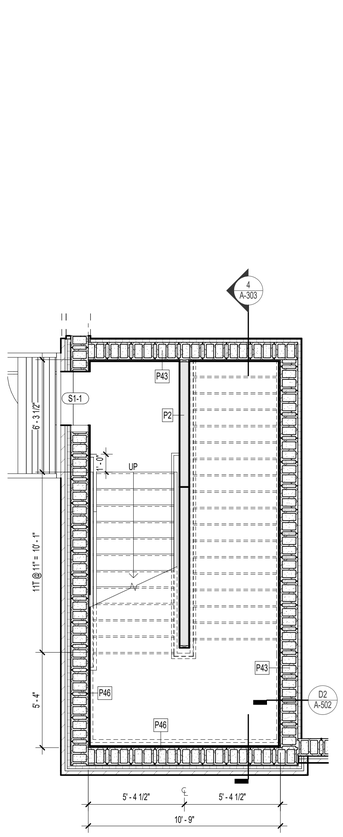
4 STAIR S1 - SECTION
1/4" = 1'-0"



3 STAIR S1 - 3RD FLOOR PLAN
1/4" = 1'-0"



2 STAIR S1 - 2ND FLOOR PLAN
1/4" = 1'-0"



1 STAIR S1 - 1ST FLOOR PLAN
1/4" = 1'-0"

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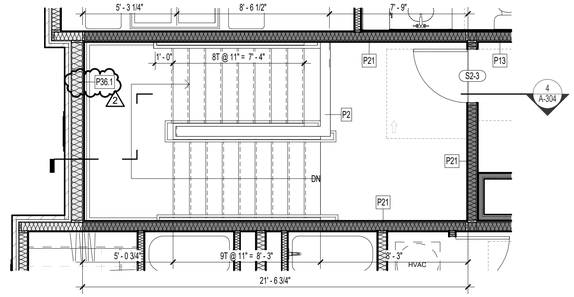
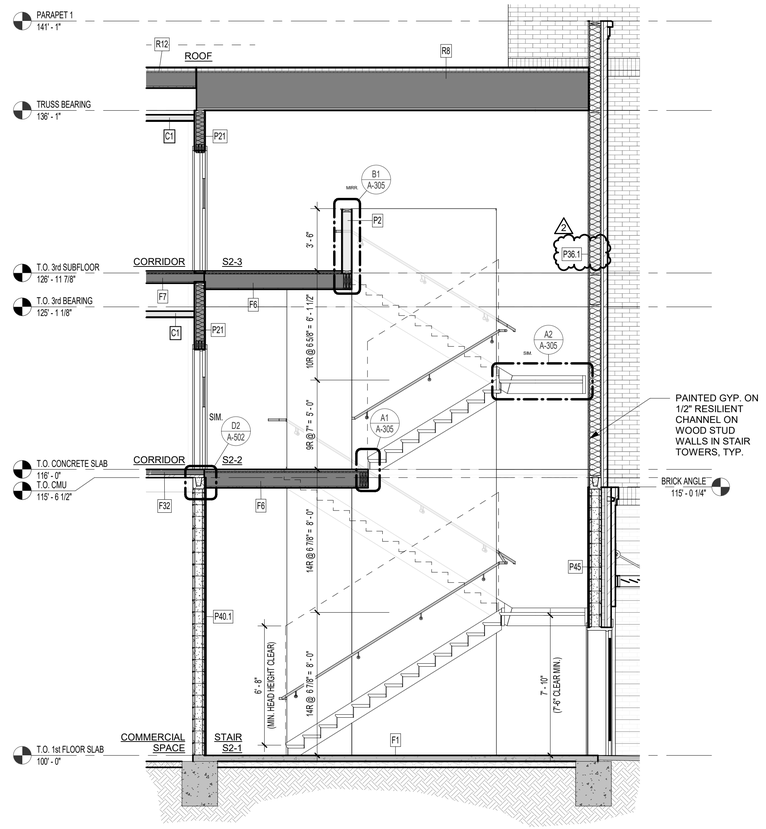
REFERENCE G-003 FOR GENERAL NOTES



3 STAIR S2 - 3RD FLOOR PLAN
1/4" = 1'-0"



4 STAIR S2 - SECTION
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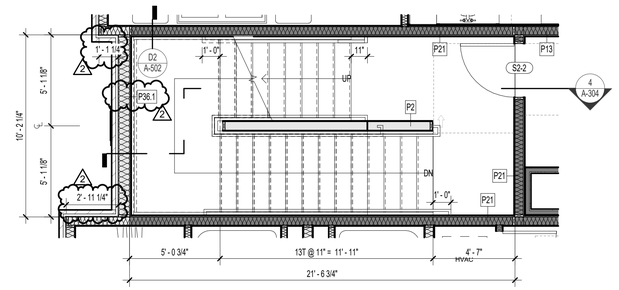
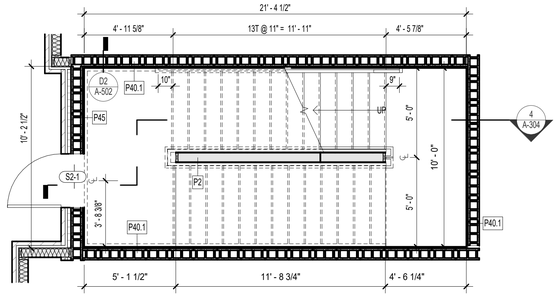


2 STAIR S2 - 2ND FLOOR PLAN
1/4" = 1'-0"



1 STAIR S2 - 1ST FLOOR PLAN
1/4" = 1'-0"

rosemann & ASSOCIATES p.c.
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PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

REVISIONS:
2 12/20/24 Add #2

FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
STAIR 2 - PLANS AND SECTION

PROJECT NUMBER: 23103

SHEET NUMBER:

A-304

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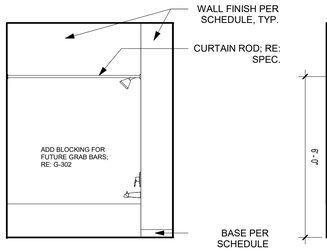
REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

UNIT PLAN LEGEND

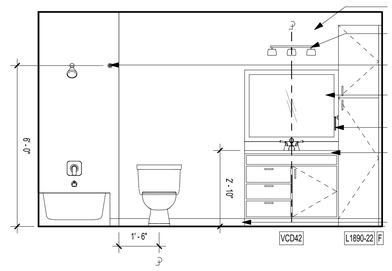
- PARTIAL HEIGHT PARTITION
- **P1** WALL (UNLESS NOTED OTHERWISE); SEE PARTITION SCHEDULE FOR ASSEMBLY INFORMATION
- W3030 — CASEWORK TAG
- 101 — DOOR TAG
- ACCESSIBLE ROUTE (36" CLEAR; 32" MIN REQ'D @ DOOR OPENING PER ANSI A117.1)
- DRYER BOX LOCATION; COORD WITH MECH

PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

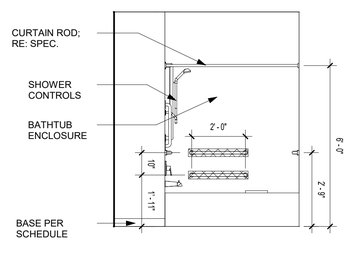
REVISIONS:
2 12/20/24 Add #2



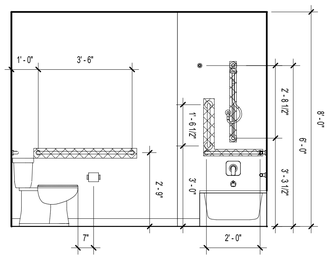
12 ABERDEEN BATH 2 ELEV. 2
3/8" = 1'-0"



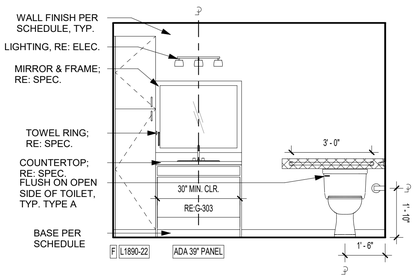
11 ABERDEEN BATH 2 ELEV. 1
3/8" = 1'-0"



10 ABERDEEN BATH 1 ELEV. 3
3/8" = 1'-0"

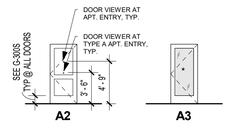


9 ABERDEEN BATH 1 ELEV. 2
3/8" = 1'-0"



8 ABERDEEN BATH 1 ELEV. 1
3/8" = 1'-0"

DOOR TYPES - UNITS

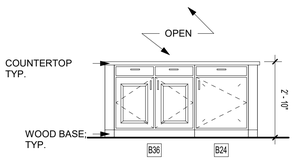


A2 SINGLE SWING PANEL

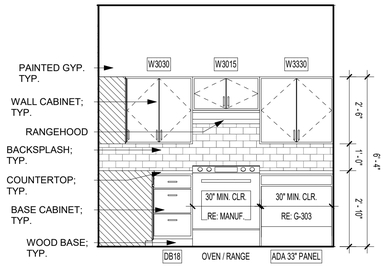
A3 SINGLE SWING FULL LITE

B2 DOUBLE SWING PANEL

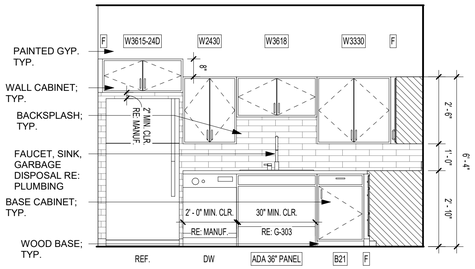
Room Finish Schedule - Units						
#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
009	BATH 2	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				



7 ABERDEEN KITCHEN ELEV. 3
3/8" = 1'-0"



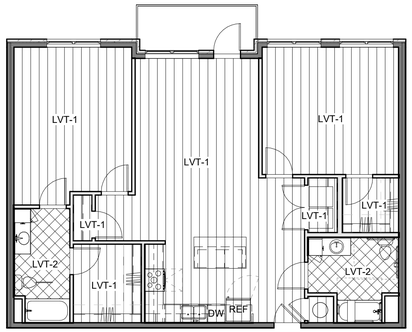
6 ABERDEEN KITCHEN ELEV. 2
3/8" = 1'-0"



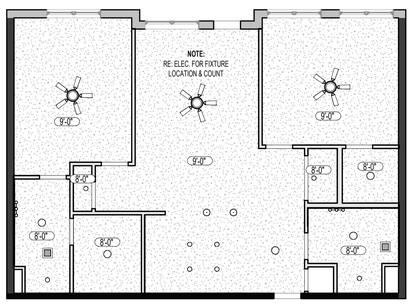
5 ABERDEEN KITCHEN ELEV. 1
3/8" = 1'-0"

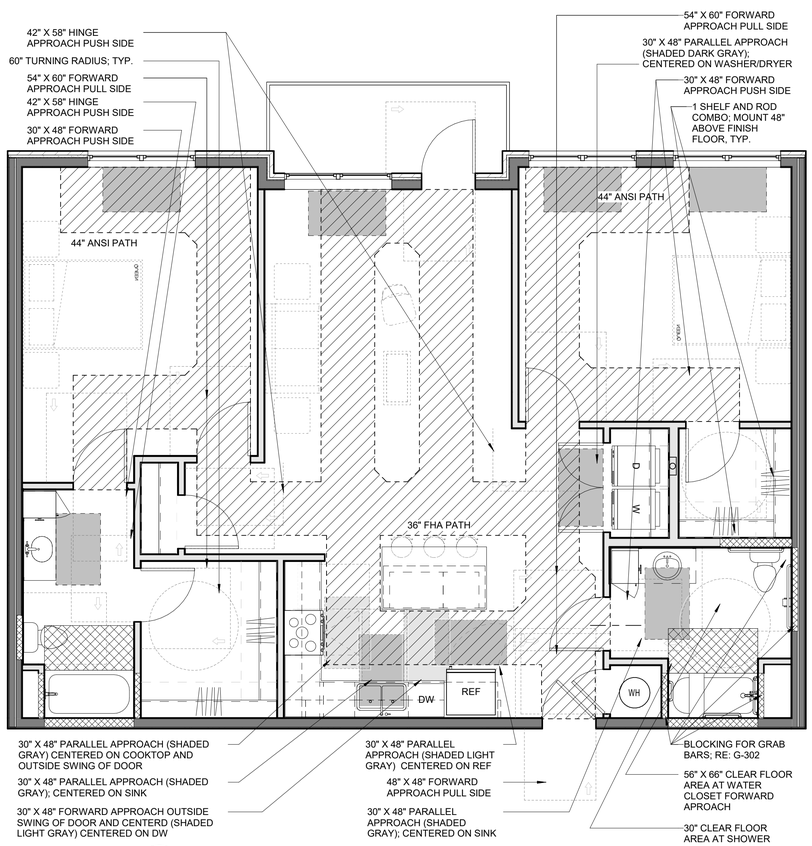
DOOR SCHEDULE - UNIT DOORS

Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	



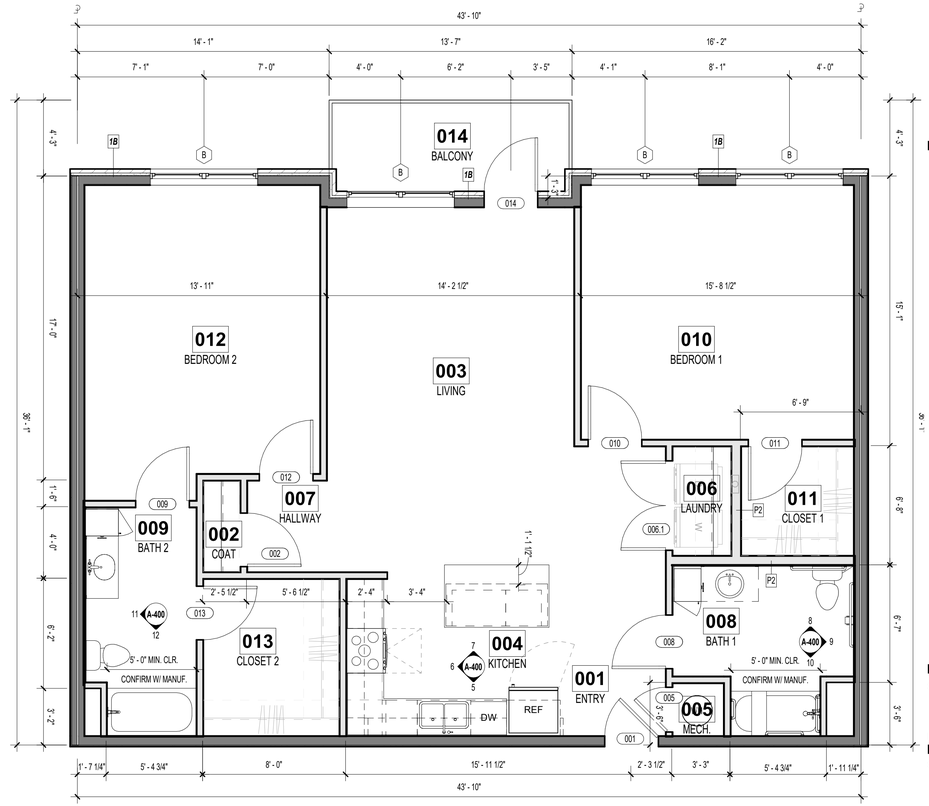
4 UNIT FINISH PLAN - ABERDEEN (2 BR) - TYPE A
1/8" = 1'-0"





3 UNIT RCP - ABERDEEN (2 BR) - TYPE A
1/8" = 1'-0"

2 UNIT CLEAR SPACE PLAN - ABERDEEN (2 BR) - TYPE A
1/4" = 1'-0"



1 UNIT FLOOR PLAN - ABERDEEN (2 BR) - TYPE A
1/4" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
ABERDEEN (2 BR) UNIT PLAN - TYPE A

PROJECT NUMBER: 23103

SHEET NUMBER:

A-400

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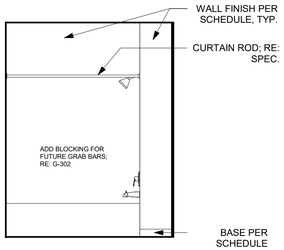
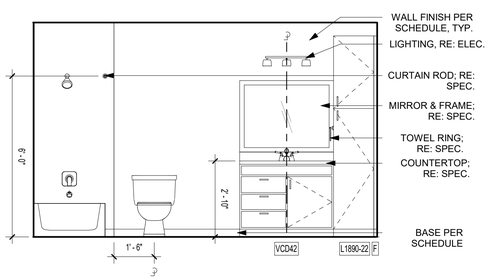
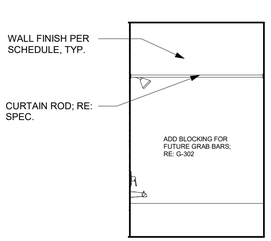


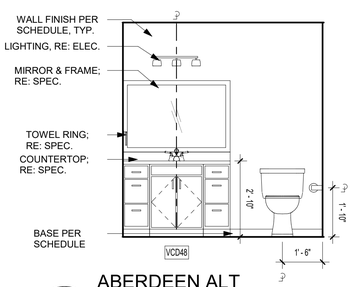
11 ABERDEEN ALT BATH 2 ELEV. 2
3/8" = 1'-0"



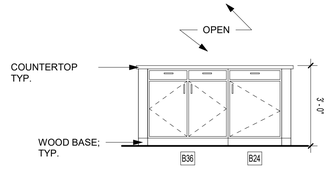
10 ABERDEEN ALT BATH 2 ELEV. 1
3/8" = 1'-0"



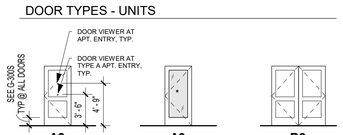
9 ABERDEEN ALT BATH 1 ELEV. 2
3/8" = 1'-0"



8 ABERDEEN ALT BATH 1 ELEV. 1
3/8" = 1'-0"



7 ABERDEEN ALT KITCHEN ELEV. 3
3/8" = 1'-0"



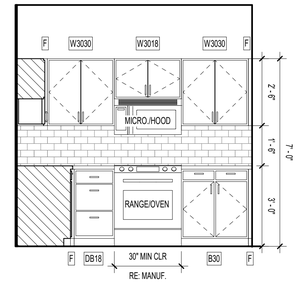
REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

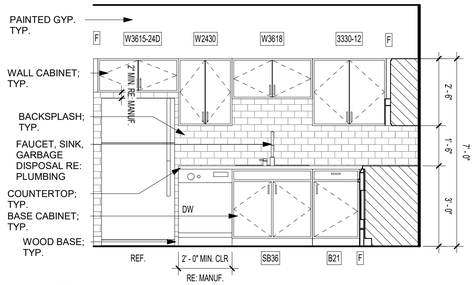
REVISIONS:
2 12/20/24 Add #2

Room Finish Schedule - Units

#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
009	BATH 2	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				



6 ABERDEEN ALT KITCHEN ELEV. 2
3/8" = 1'-0"

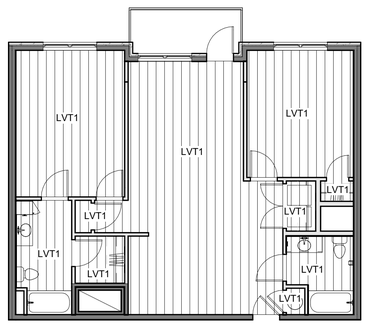


5 ABERDEEN ALT KITCHEN ELEV. 1
3/8" = 1'-0"

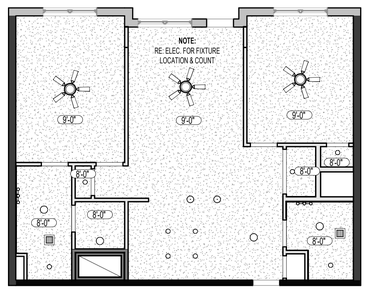
DOOR SCHEDULE - UNIT DOORS

Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	

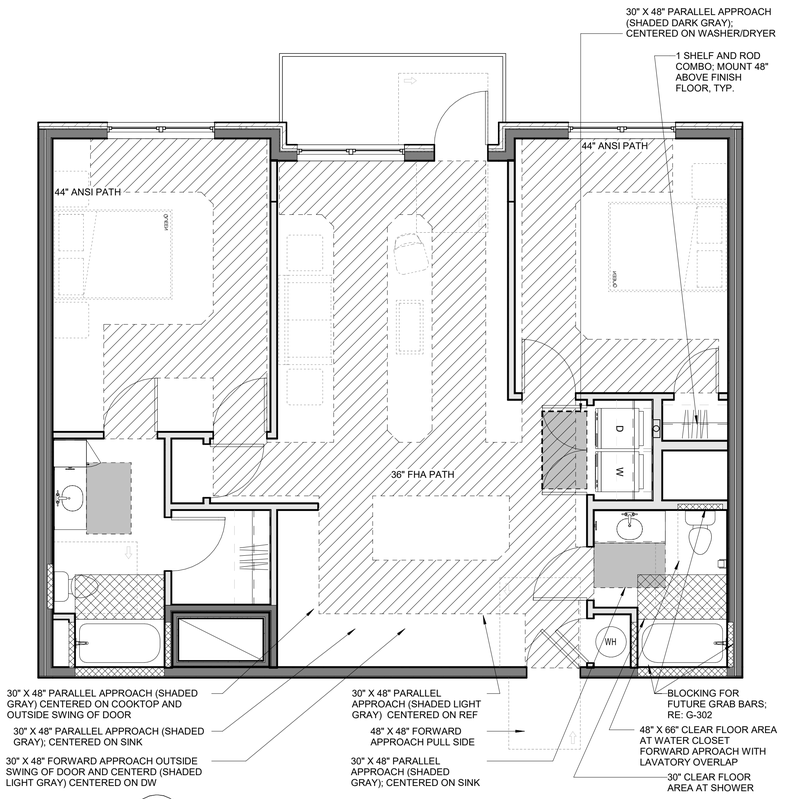
2



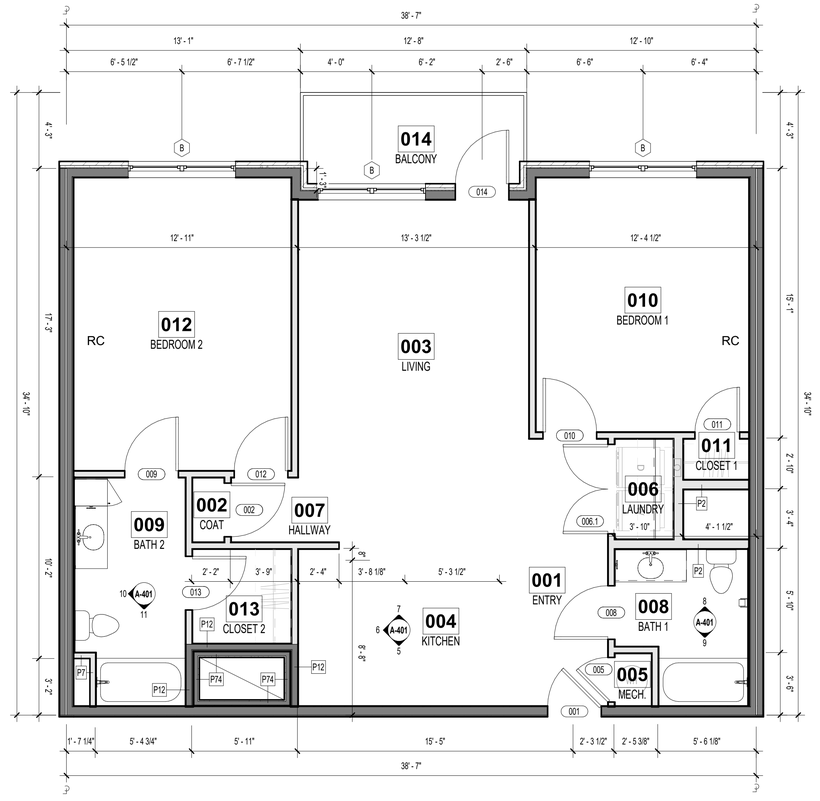
4 UNIT FINISH PLAN - ABERDEEN - ALT - TYPE B
1/8" = 1'-0"



3 UNIT RCP - ABERDEEN - ALT - TYPE B
1/8" = 1'-0"



2 UNIT CLEAR SPACE PLAN - ABERDEEN - ALT - TYPE B
1/4" = 1'-0"



1 UNIT FLOOR PLAN - ABERDEEN - ALT - TYPE B
1/4" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
ABERDEEN (2 BR) ALT UNIT PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-401

12/20/2024 10:19:00 PM
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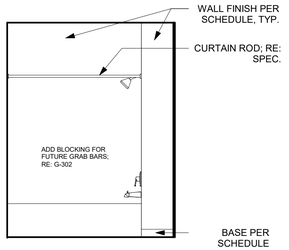
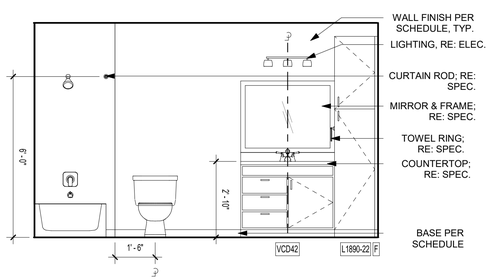
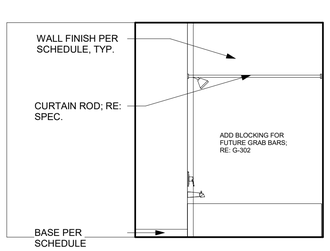


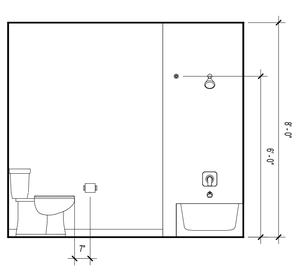
12 ABERDEEN BATH 2 ELEV. 2
3/8" = 1'-0"



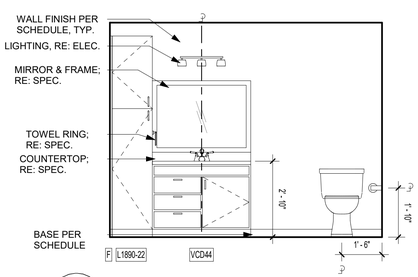
11 ABERDEEN BATH 2 ELEV. 1
3/8" = 1'-0"



10 ABERDEEN BATH 1 ELEV. 3
3/8" = 1'-0"



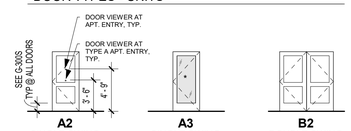
9 ABERDEEN BATH 1 ELEV. 2
3/8" = 1'-0"



8 ABERDEEN BATH 1 ELEV. 1
3/8" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

DOOR TYPES - UNITS

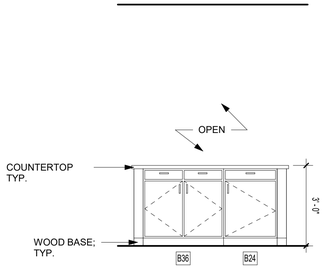


PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

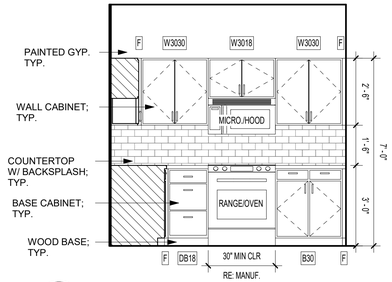
REVISIONS:
2 12/20/24 Add #2

Room Finish Schedule - Units

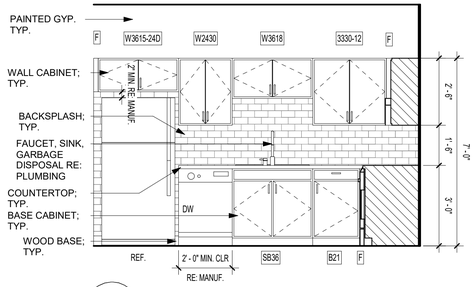
#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
009	BATH 2	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				



7 ABERDEEN KITCHEN ELEV. 3
3/8" = 1'-0"



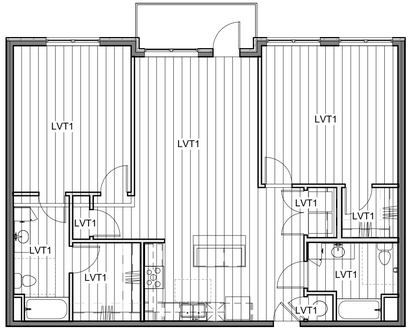
6 ABERDEEN KITCHEN ELEV. 2
3/8" = 1'-0"



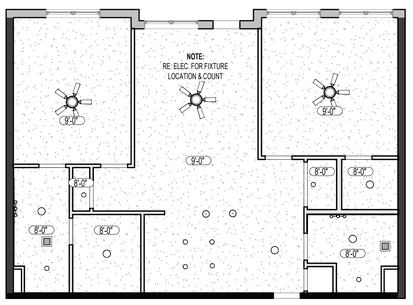
5 ABERDEEN KITCHEN ELEV. 1
3/8" = 1'-0"

DOOR SCHEDULE - UNIT DOORS

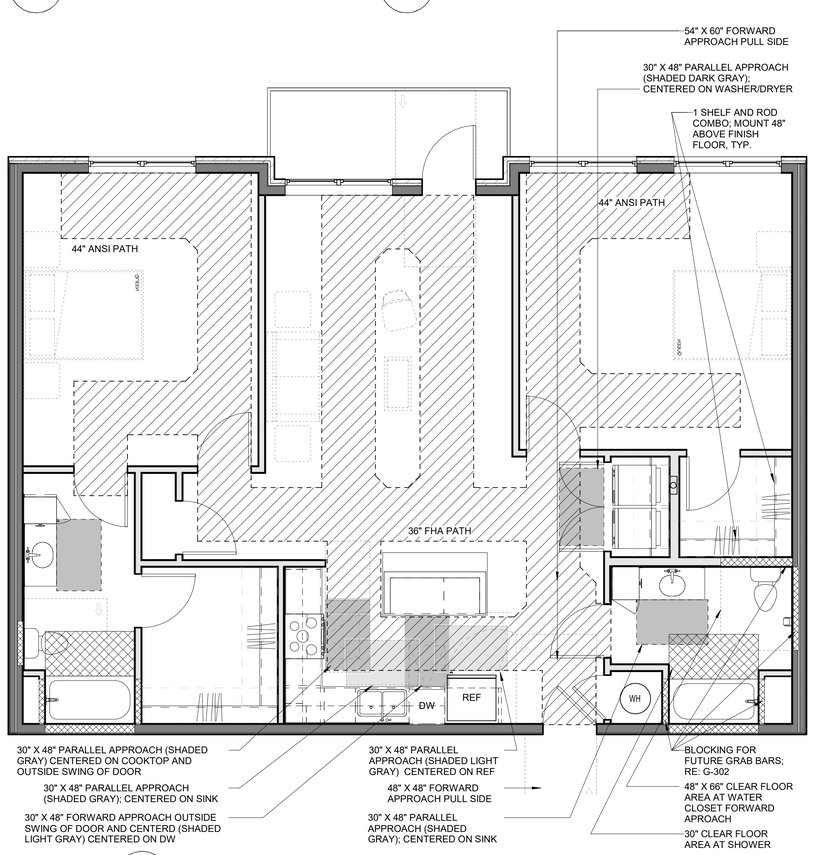
Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	



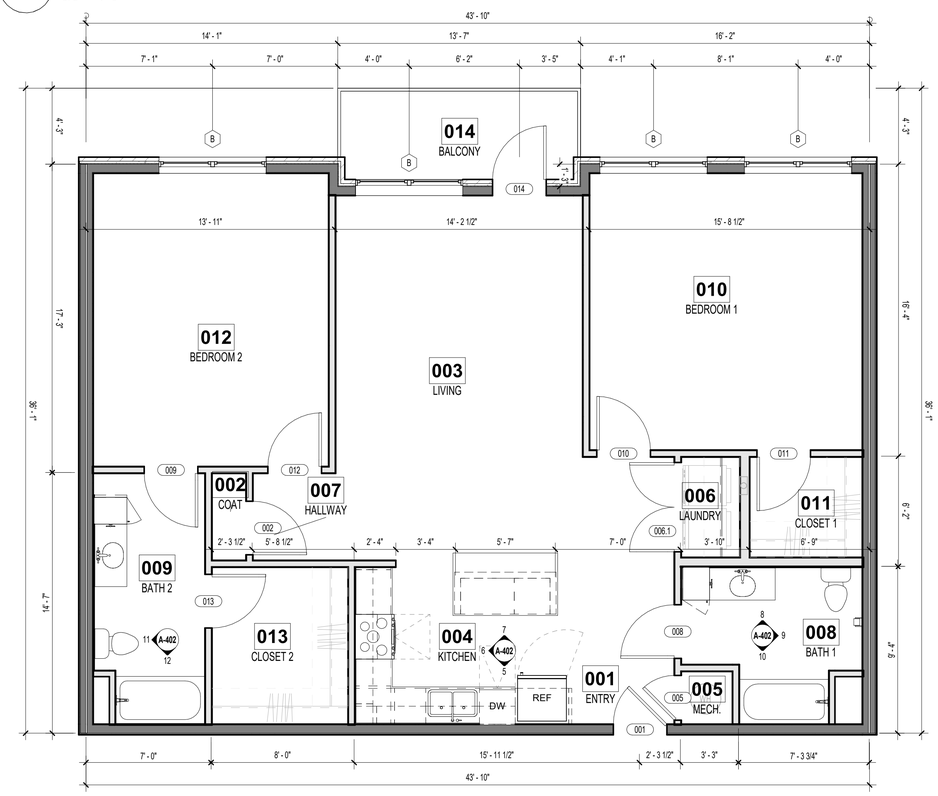
4 UNIT FINISH PLAN - ABERDEEN (2 BR) - TYPE B
1/8" = 1'-0"



3 UNIT RCP - ABERDEEN (2 BR) - TYPE B
1/8" = 1'-0"



2 UNIT CLEAR SPACE PLAN - ABERDEEN (2 BR) - TYPE B
1/4" = 1'-0"



1 UNIT FLOOR PLAN - ABERDEEN (2 BR) - TYPE B
1/4" = 1'-0"

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INTERIOR DESIGN
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Kansas City, MO 64108-1404
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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
ABERDEEN (2 BR) UNIT PLAN - TYPE B

PROJECT NUMBER: 23103

SHEET NUMBER:

A-402

12/20/2024 12:20:59 PM
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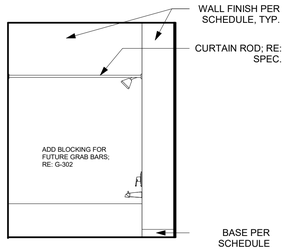
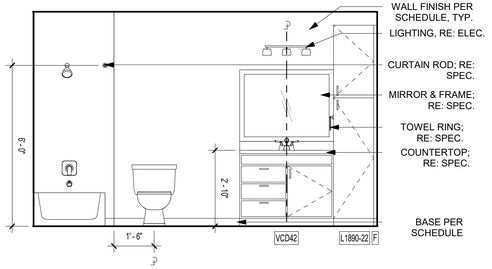
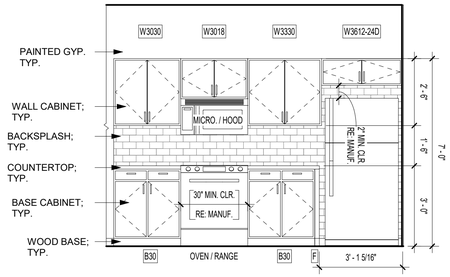


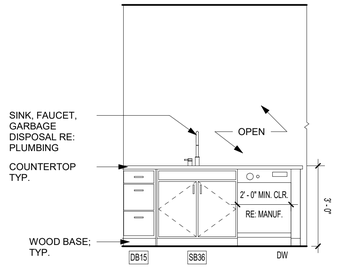
8 ADRIAN BATH ELEV. 2
3/8" = 1'-0" (MIRRORED)



7 ADRIAN BATH ELEV. 1
3/8" = 1'-0" (MIRRORED)



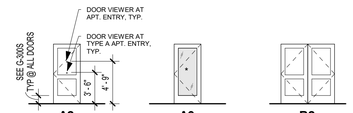
6 ADRIAN KITCHEN ELEV. 2
3/8" = 1'-0"



5 ADRIAN KITCHEN ELEV. 1
3/8" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

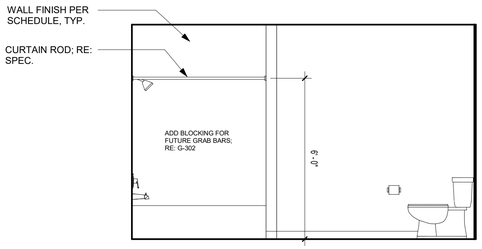
DOOR TYPES - UNITS



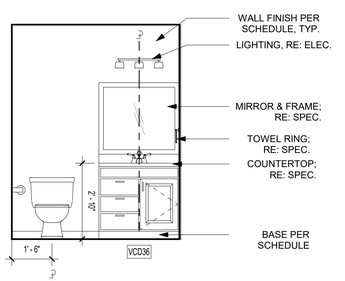
PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

REVISIONS:
2 12/20/24 Add #2

Room Finish Schedule - Units						
#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
009	BATH 2	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				

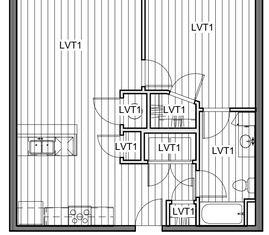


11 ADRIAN ALT BATH ELEV. 2
3/8" = 1'-0"

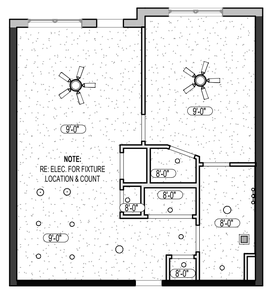


10 ADRIAN ALT BATH ELEV. 1
3/8" = 1'-0"

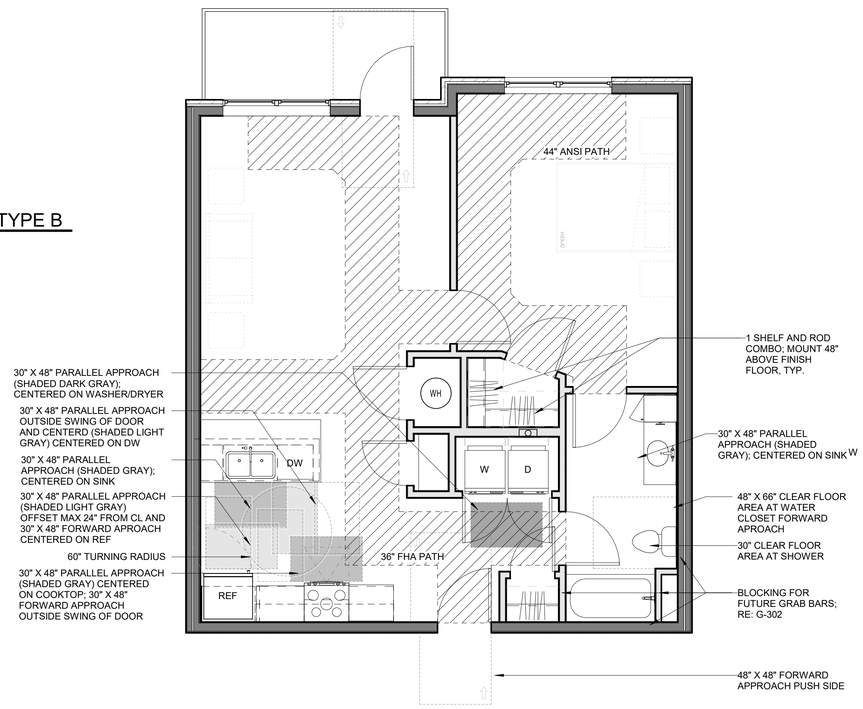
DOOR SCHEDULE - UNIT DOORS								
Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	



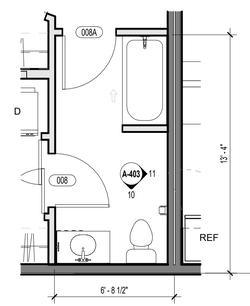
4 UNIT FINISH PLAN - ADRIAN (1 BR) - TYPE B
1/8" = 1'-0"



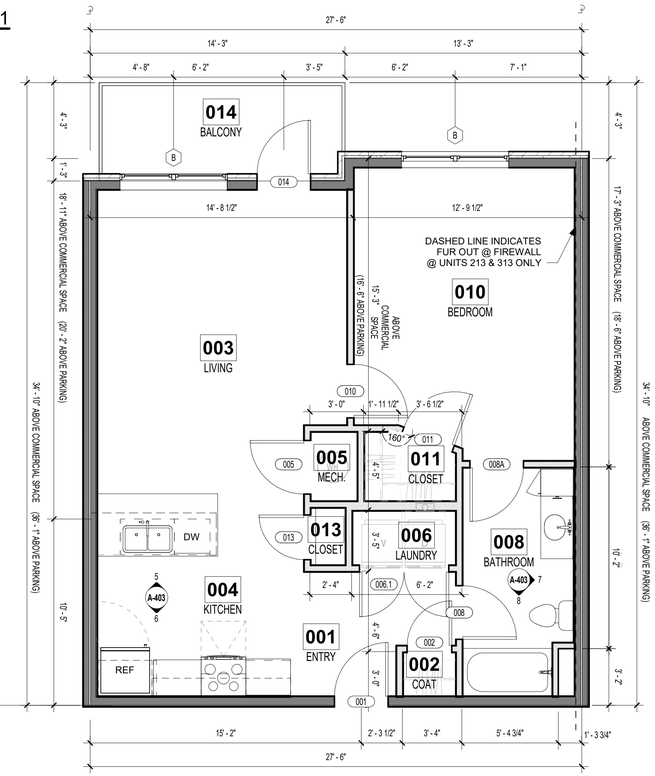
3 UNIT RCP - ADRIAN (1 BR) - TYPE B
1/8" = 1'-0"



2 UNIT CLEAR SPACE PLAN - ADRIAN (1 BR) - TYPE B
1/4" = 1'-0"



9 ADRIAN ALT BATH
1/4" = 1'-0" (UNITS 209 & 211 ONLY)



1 UNIT FLOOR PLAN - ADRIAN (1 BR) - TYPE B
1/4" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
ADRIAN (1 BR) UNIT PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-403

12/20/2024 10:23:14 PM
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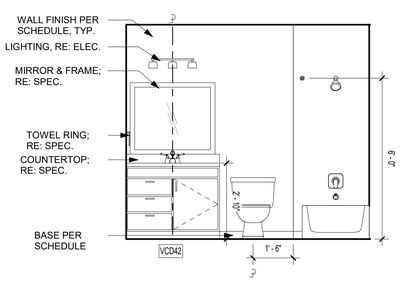
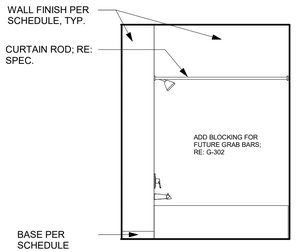
REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

REVISIONS:
2 12/20/24 Add #2

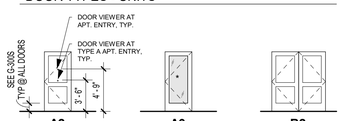


8 ADRIAN CORNER BATH ELEV. 2
3/8" = 1'-0"



7 ADRIAN CORNER BATH ELEV. 1
3/8" = 1'-0"

DOOR TYPES - UNITS



Room Finish Schedule - Units

#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
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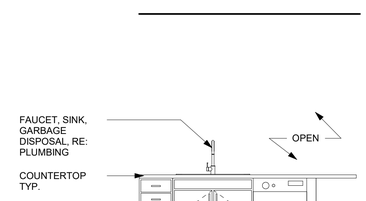
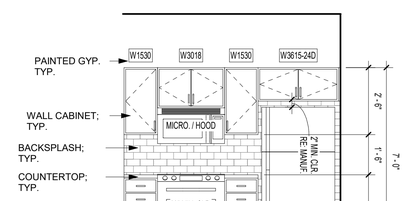
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				



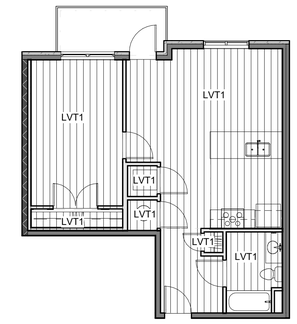
6 ADRIAN CORNER KIT. ELEV. 2
3/8" = 1'(MIRRORED)



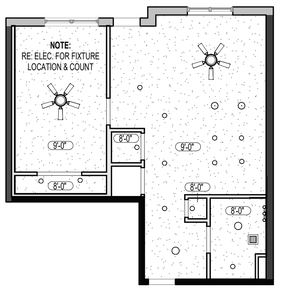
5 ADRIAN CORNER KIT. ELEV. 1
(MIRRORED)-0"

DOOR SCHEDULE - UNIT DOORS

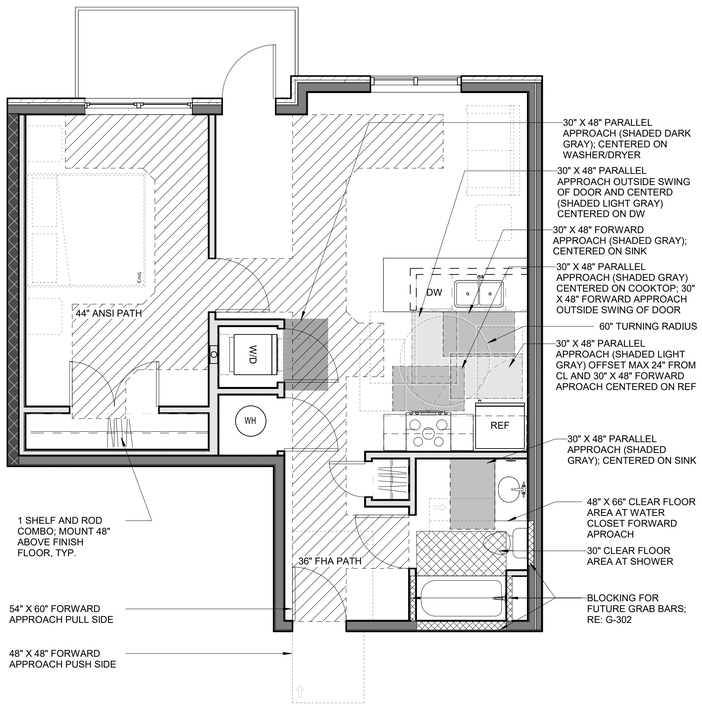
Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	



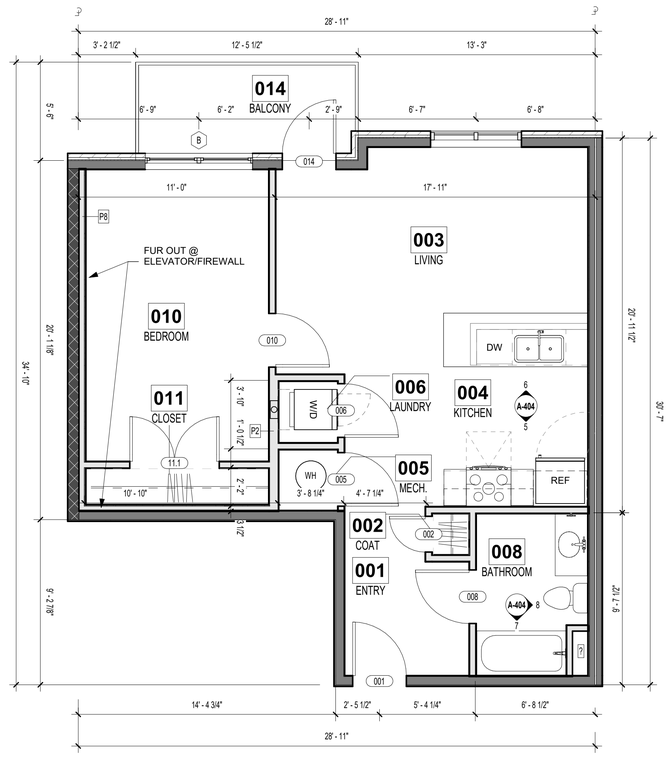
4 UNIT FINISH PLAN - ADRIAN CORNER (1 BR) - TYPE B
1/8" = 1'-0"



3 UNIT RCP - ADRIAN CORNER (1 BR) - TYPE B
1/8" = 1'-0"



2 UNIT CLEAR SPACE PLAN - ADRIAN CORNER (1 BR) - TYPE B
1/4" = 1'-0"



1 UNIT FLOOR PLAN - ADRIAN CORNER (1 BR) - TYPE B
1/4" = 1'-0"

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FOR BID PURPOSES ONLY

THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
ADRIAN CORNER (1 BR) UNIT PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-404

12/20/2024 10:24:26 PM
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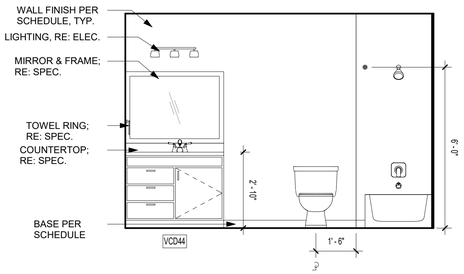
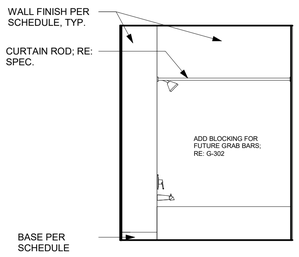
REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

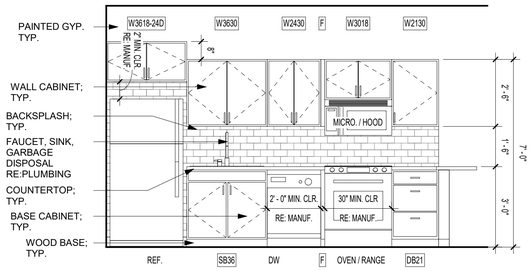
REVISIONS:
2 12/20/24 Add #2



7 ARA ALT BATH ELEV. 2
3/8" = 1'-0"

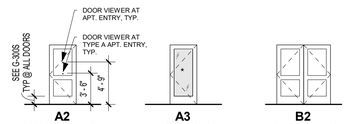


6 ARA ALT BATH ELEV. 1
3/8" = 1'-0"



5 ARA ALT KITCHEN ELEV. 1
3/8" = 1'-0"

DOOR TYPES - UNITS

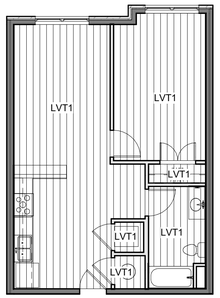


Room Finish Schedule - Units

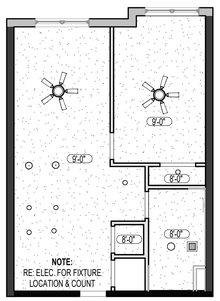
#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
009	BATH 2	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				

DOOR SCHEDULE - UNIT DOORS

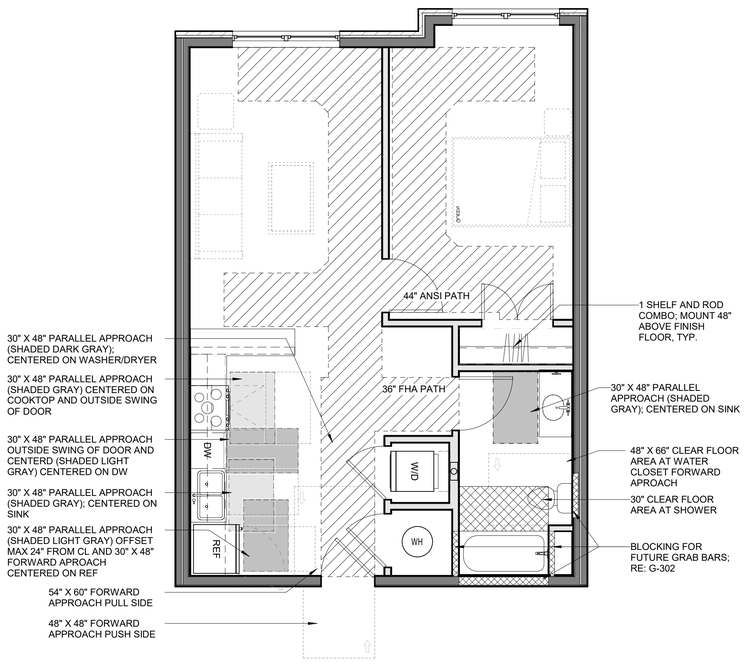
Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	



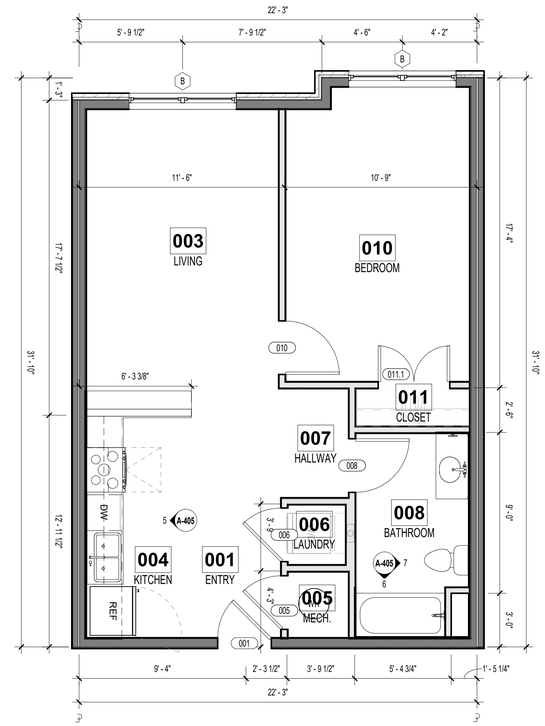
4 UNIT FINISH PLAN - ARA - ALT (1 BR) - TYPE B
1/8" = 1'-0"



3 UNIT RCP - ARA - ALT (1 BR) - TYPE B
1/8" = 1'-0"



2 UNIT CLEAR SPACE PLAN - ARA - ALT (1 BR) - TYPE B
1/4" = 1'-0"



1 UNIT FLOOR PLAN - ARA - ALT (1 BR) - TYPE B
1/4" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
ARA ALT (1 BR) UNIT PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-405

12/20/2024 12:26:13 PM
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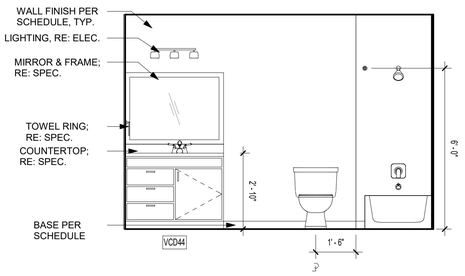
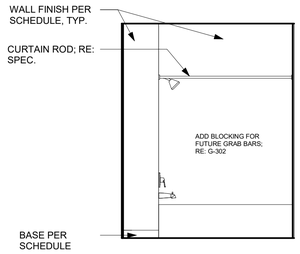
REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

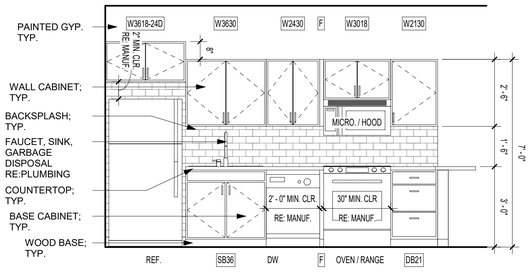
REVISIONS:
2 12/20/24 Add #2



7 ARA BATH ELEV. 2
3/8" = 1'-0"

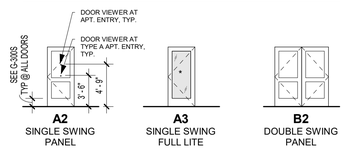


6 ARA BATH ELEV. 1
3/8" = 1'-0"



5 KITCHEN - TYPE 1 - STOVE_SINK
3/8" = 1'-0"

DOOR TYPES - UNITS



DOOR SCHEDULE - UNIT DOORS

Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	

Room Finish Schedule - Units

#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
009	BATH 2	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				

4 UNIT FINISH PLAN - ARA (1 BR) - TYPE B
1/8" = 1'-0"

3 UNIT RCP - ARA (1 BR) - TYPE B
1/8" = 1'-0"

2 UNIT CLEAR SPACE PLAN - ARA (1 BR) - TYPE B
1/4" = 1'-0"

1 UNIT FLOOR PLAN - ARA (1 BR) - TYPE B
1/4" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
ARA (1 BR) UNIT PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-406

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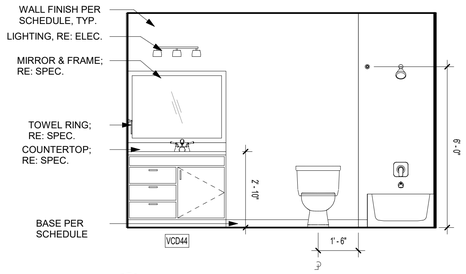
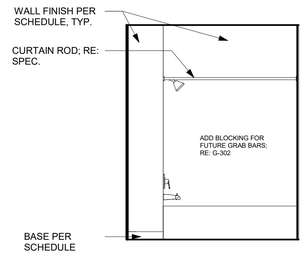
REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

REVISIONS:
2 12/20/24 Add #2

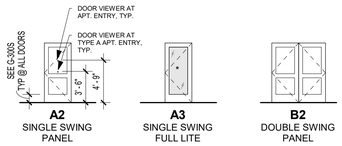


7 ARA CORNER BATH ELEV. 2
3/8" = 1'-0"



6 ARA CORNER BATH ELEV. 1
3/8" = 1'-0"

DOOR TYPES - UNITS



Room Finish Schedule - Units						
#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
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004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
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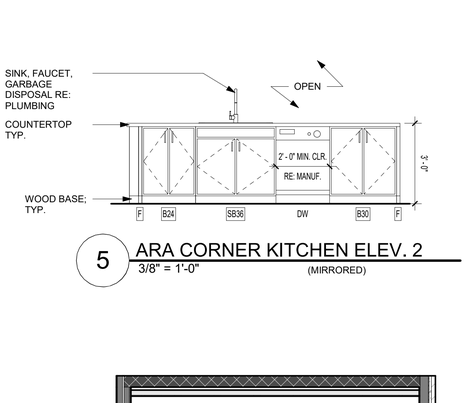
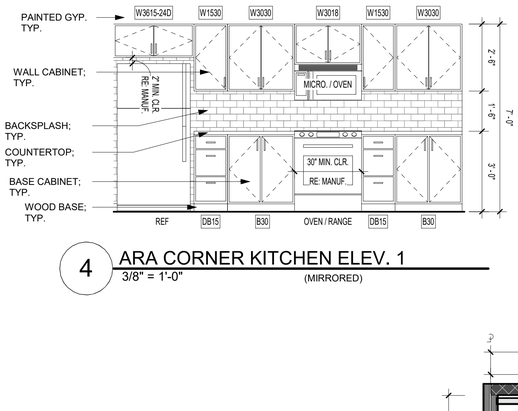
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				



5 ARA CORNER KITCHEN ELEV. 2
3/8" = 1'-0" (MIRRORED)



4 ARA CORNER KITCHEN ELEV. 1
3/8" = 1'-0" (MIRRORED)

DOOR SCHEDULE - UNIT DOORS

Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
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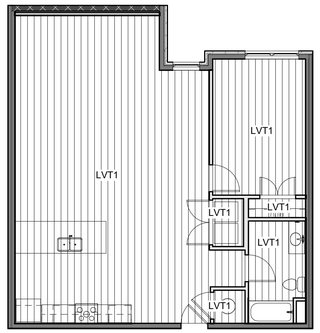
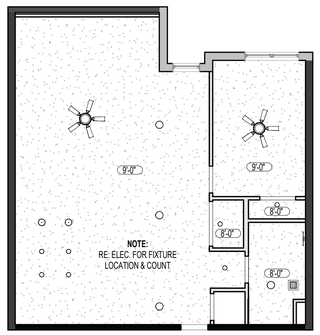
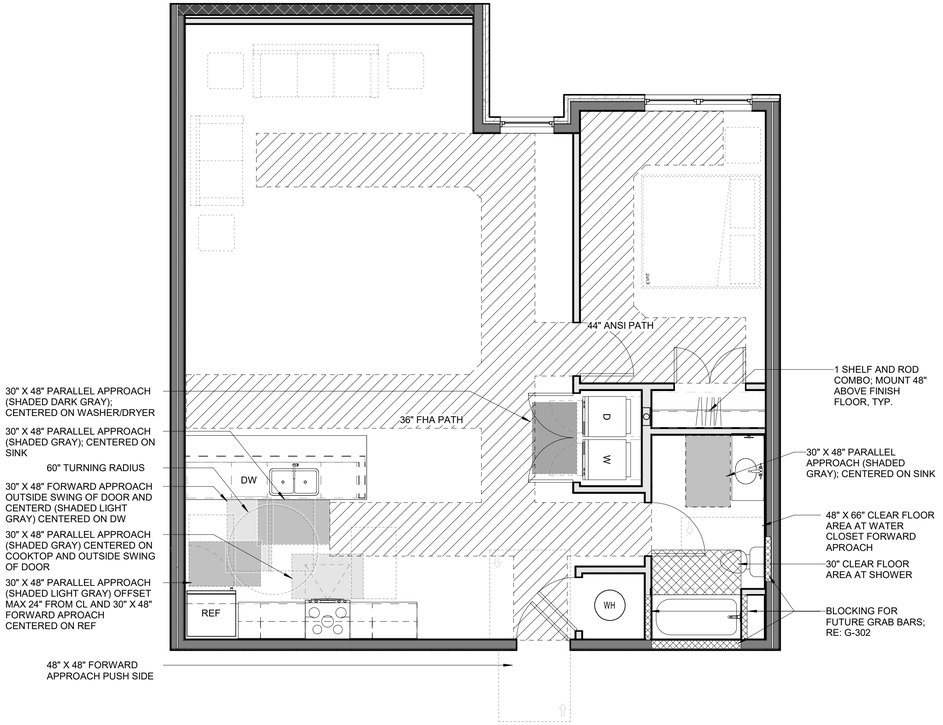
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	



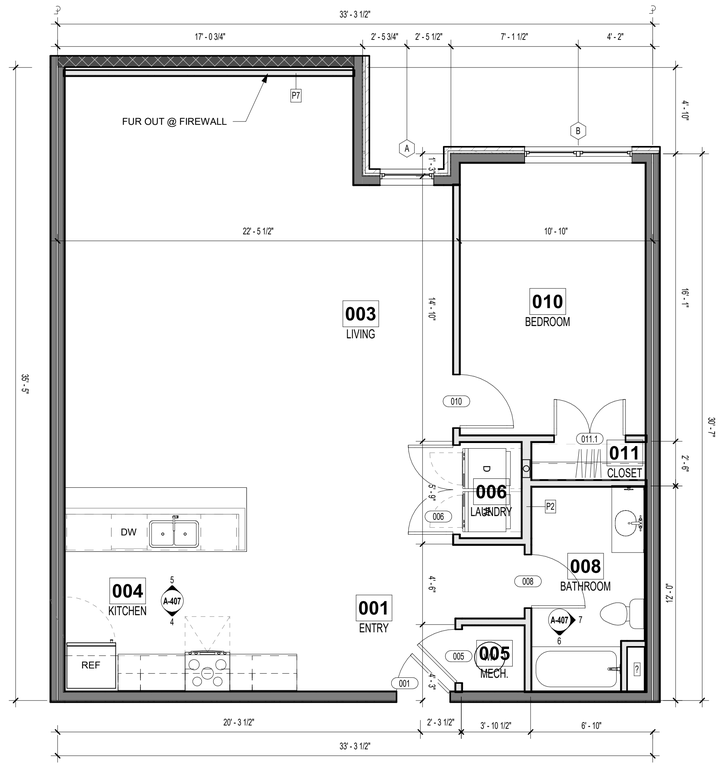
9 UNIT FINISH PLAN - ARA CORNER (1 BR) - TYPE B
1/8" = 1'-0"



3 UNIT RCP - ARA CORNER (1 BR) - TYPE B
1/8" = 1'-0"



2 UNIT CLEAR SPACE PLAN - ARA CORNER (1 BR) - TYPE B
1/4" = 1'-0"



1 UNIT FLOOR PLAN - ARA CORNER (1 BR) - TYPE B
1/4" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
ARA CORNER (1 BR) UNIT PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-407

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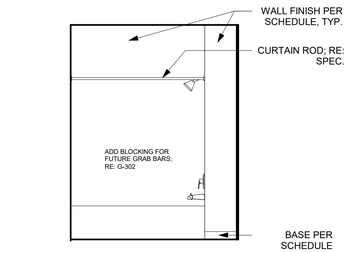
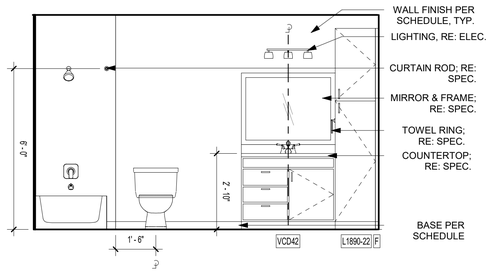
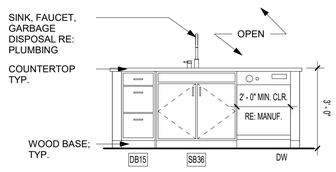


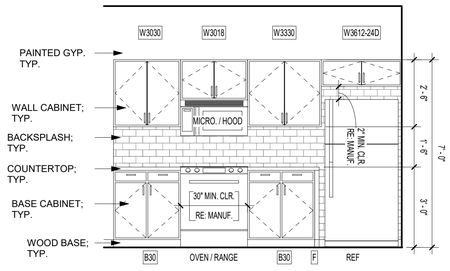
8 DELTA BATH ELEV. 2
3/8" = 1'-0"



7 DELTA BATH ELEV. 1
3/8" = 1'-0"



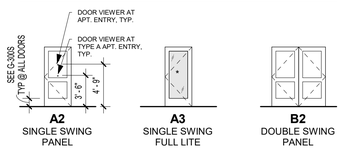
6 DELTA KITCHEN ELEV. 2
3/8" = 1'(MIRRORED)



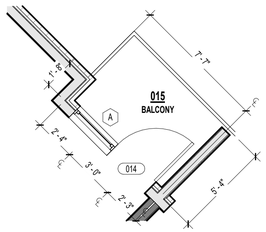
5 DELTA KITCHEN ELEV. 1
3/8"(MIRRORED)

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

DOOR TYPES - UNITS



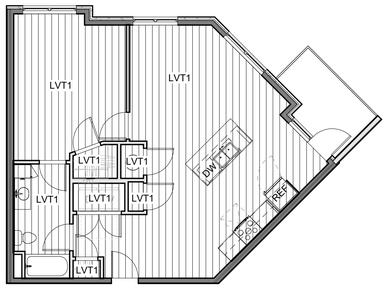
Room Finish Schedule - Units						
#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
009	BATH 2	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				



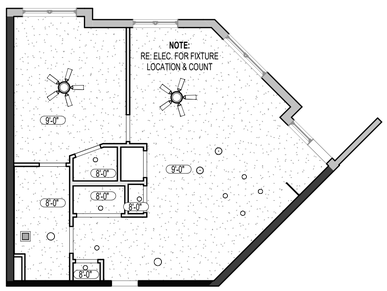
9 DELTA ALT BALCONY PLAN
1/4" = 1'-0" (3RD FLOOR ONLY)

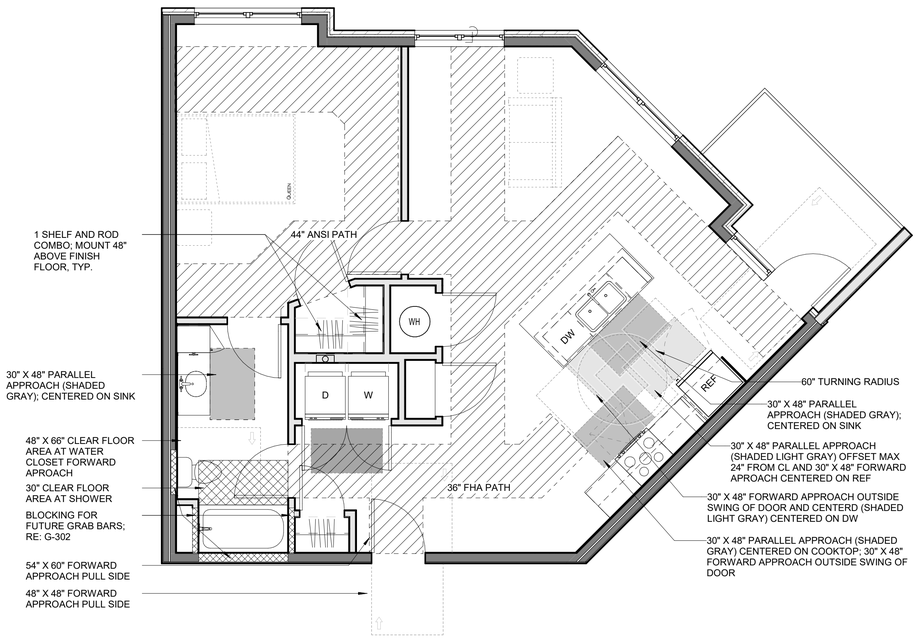
DOOR SCHEDULE - UNIT DOORS

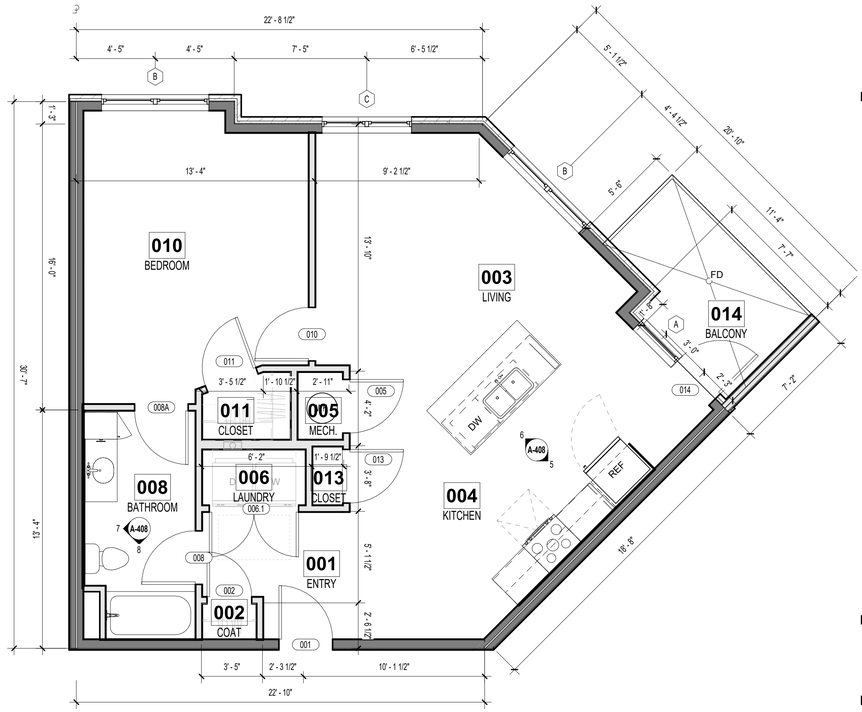
Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	



4 UNIT FINISH PLAN - DELTA (1 BR) - TYPE B
1/8" = 1'-0"







3 UNIT RCP - DELTA (1 BR) - TYPE B
1/8" = 1'-0"

2 UNIT CLEAR SPACE PLAN - DELTA (1 BR) - TYPE B
1/4" = 1'-0"

1 UNIT FLOOR PLAN - DELTA (1 BR) - TYPE B
1/4" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
DELTA (1 BR) UNIT PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-408

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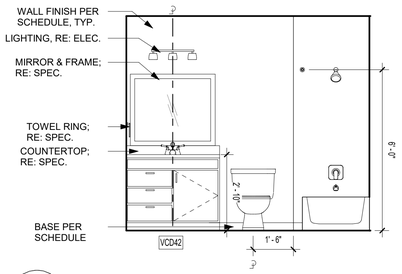
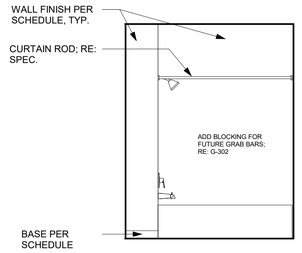


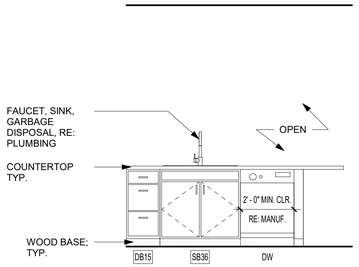
8 HURLEY BATH ELEV. 2

3/8" = 1'-0" (MIRRORED IN BATHROOM 2)



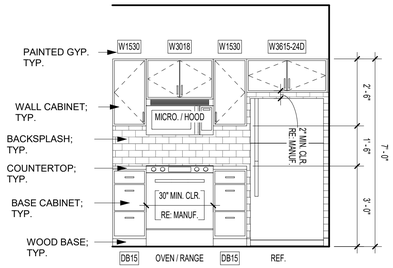
7 HURLEY BATH ELEV. 1

3/8" = 1'-0" (MIRRORED IN BATHROOM 2)



6 HURLEY KITCHEN ELEV. 2

3/8" = 1'-0"

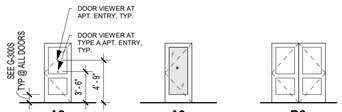


5 HURLEY KITCHEN ELEV. 1

3/8" = 1'-0"

REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

DOOR TYPES - UNITS



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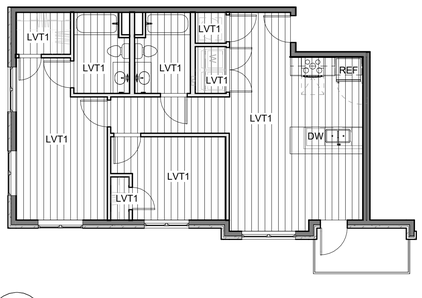
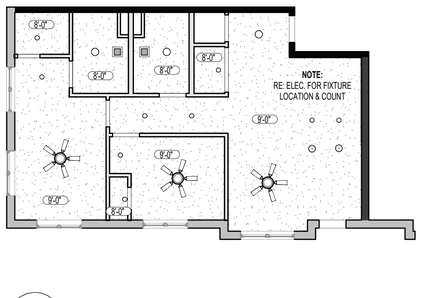
2 12/20/24 Add #2



4 UNIT FINISH PLAN - HURLEY (2 BR) - TYPE B

1/8" = 1'-0"



3 UNIT RCP - HURLEY (2 BR) - TYPE B

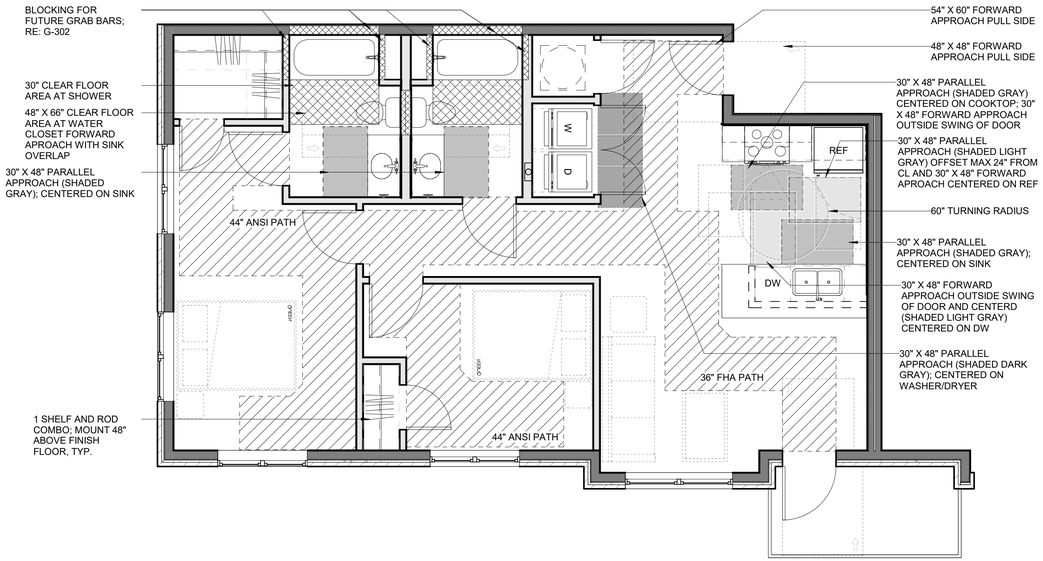
1/8" = 1'-0"

Room Finish Schedule - Units

#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
001	ENTRY	LVT1	WB, PT3	PT1	PT4	
002	COAT	LVT1		PT2	PT4	
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
009	BATH 2	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				

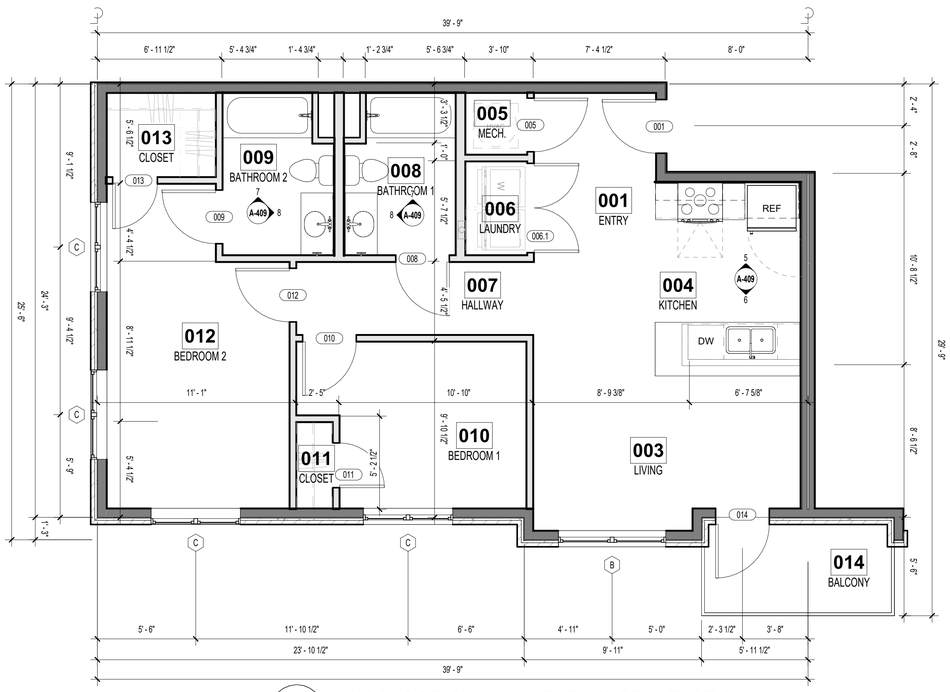
DOOR SCHEDULE - UNIT DOORS

Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	



2 UNIT CLEAR SPACE PLAN - HURLEY (2 BR) - TYPE B

1/4" = 1'-0"



1 UNIT FLOOR PLAN - HURLEY (2 BR) - TYPE B

1/4" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
HURLEY (2 BR) UNIT PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-409

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REFERENCE G-003 FOR GENERAL NOTES
REFERENCE A-120 FOR RCP LEGEND
REFERENCE A-400 FOR UNIT PLAN LEGEND
REFERENCE A-102 & A-103 FOR RC LOCATIONS

PRINTS ISSUED
11/12/24 - CITY SUBMITTAL

REVISIONS:
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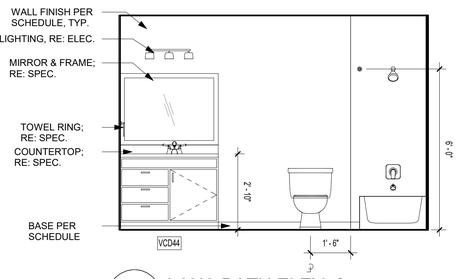
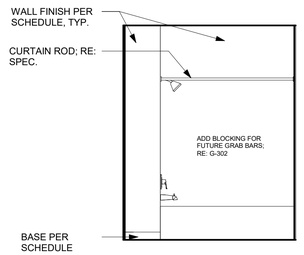
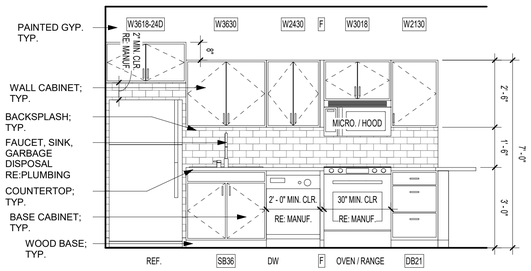


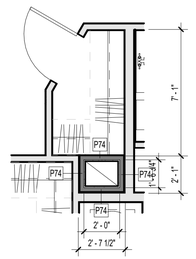
7 LANA BATH ELEV. 2
3/8" = 1'-0" (MIRRORED IN BATHROOM 2)



6 LANA BATH ELEV. 1
3/8" = 1'-0" (MIRRORED IN BATHROOM 2)

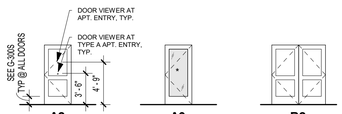


5 LANA KITCHEN ELEV. 1
3/8" = 1'-0" (MIRRORED)

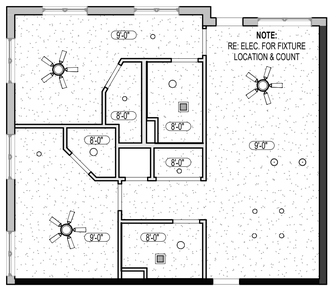


8 LANA ALT CLOSET PLAN AT SHAFT
1/4" = 1'-0"
NOTE: SHAFT OCCURS IN UNITS 201 & 301 - SEE BUILDING PLANS.

DOOR TYPES - UNITS



4 UNIT FINISH PLAN - LANA (2 BR) - TYPE B
1/8" = 1'-0"



3 UNIT RCP - LANA (2 BR) - TYPE B
1/8" = 1'-0"

Room Finish Schedule - Units						
#	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
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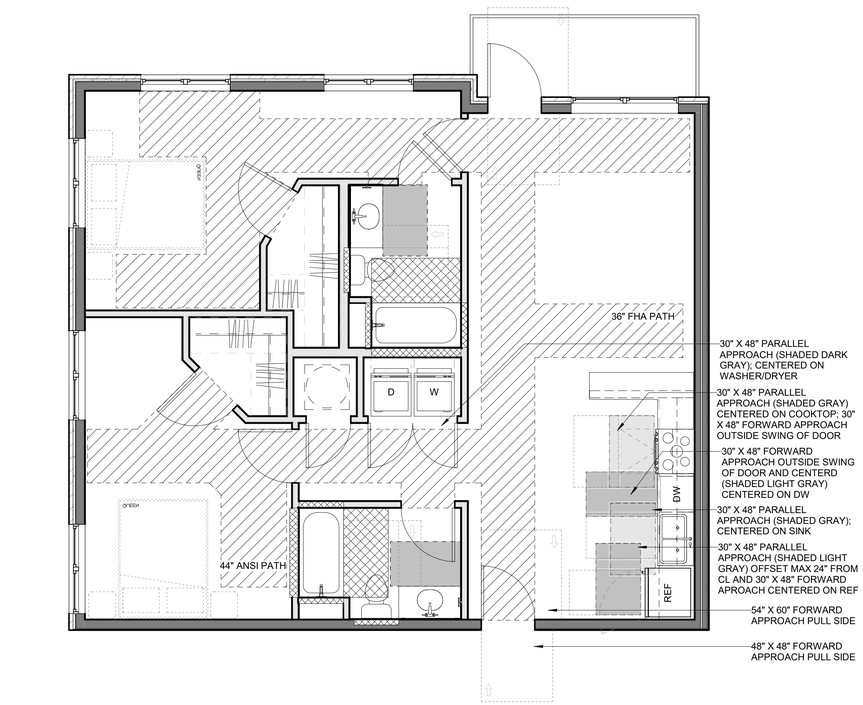
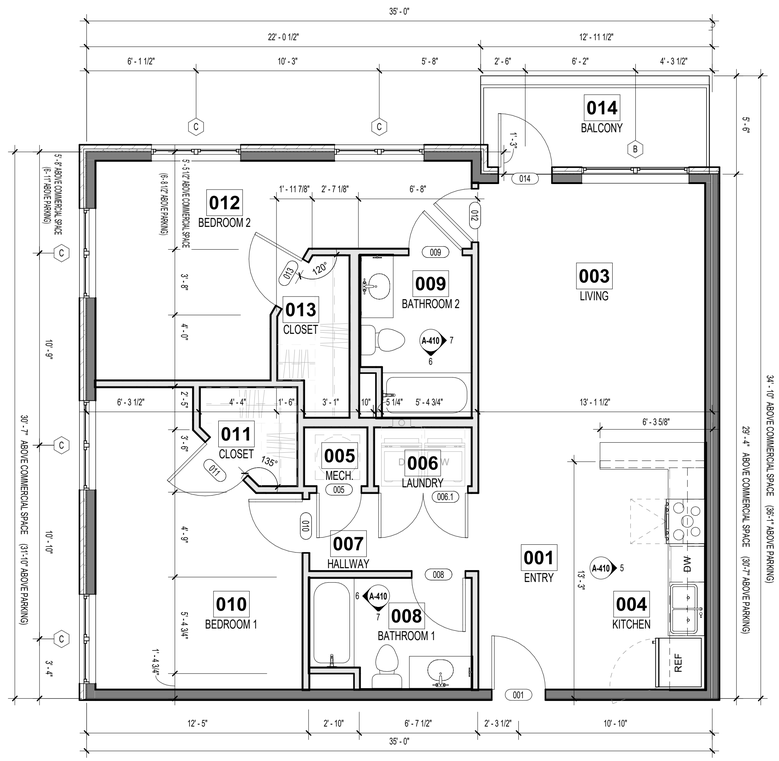
003	LIVING	LVT1	WB, PT3	PT1	PT4	
004	KITCHEN	LVT1	WB, PT3	PT1	PT4	
005	MECH.	LVT1		PT2	PT4	
006	LAUNDRY	LVT1		PT2	PT4	
007	HALLWAY	LVT1	WB, PT3	PT1	PT4	
008	BATH 1	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
009	BATH 2	LVT1 OR LVT2		PT1	PT4	LVT2 IN TYPE A UNITS ONLY
010	BEDROOM 1	LVT1	WB, PT3	PT1	PT4	
011	CLOSET 1	LVT1		PT2	PT4	
012	BEDROOM 2	LVT1	WB, PT3	PT1	PT4	
013	CLOSET 2	LVT1		PT2	PT4	
014	BALCONY	CONCRETE				

DOOR SCHEDULE - UNIT DOORS

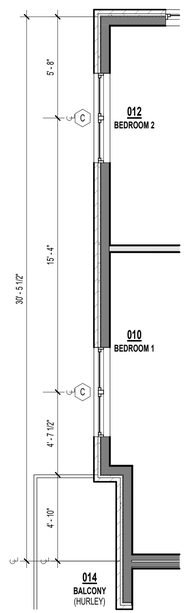
Mark	Location	Width	Height	Thickness	Fire Rating (Minutes)	Door Type	Frame Type	Comments
001	ENTRY	3' - 0"	6' - 8"	1 3/4"	20	A2	TIMELY	SPRING HINGES (CLOSER) SMOKE SEAL
002	COAT	3' - 0"	6' - 8"	1 3/8"		A2	PH	
005	MECH.	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006	LAUNDRY	3' - 0"	6' - 8"	1 3/8"		A2	PH	UNDERCUT IF REQ'D
006.1	LAUNDRY	6' - 0"	6' - 8"	1 3/8"		B2	PH	UNDERCUT IF REQ'D
008	BATH 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
009	BATH 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
010	BEDROOM 1	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
011.1	CLOSET	6' - 0"	6' - 8"	1 3/8"		B2	PH	
012	BEDROOM 2	3' - 0"	6' - 8"	1 3/8"		A2	PH	
013	CLOSET	3' - 0"	6' - 8"	1 3/8"		A2	PH	
014	BALCONY	3' - 0"	8' - 0"	1 3/4"		A3	TIMELY	



2 UNIT CLEAR SPACE PLAN - LANA (2 BR) - TYPE B
1/4" = 1'-0"



1 UNIT FLOOR PLAN - LANA (2 BR) - TYPE B
1/4" = 1'-0"



1A LANA ALT EXT. WALL SW CORNER
1/4" = 1'-0" (UNIT MIRRORED)

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
LANA (2 BR) UNIT PLAN

PROJECT NUMBER: 23103

SHEET NUMBER:

A-410

12/20/2024 10:38:49 PM
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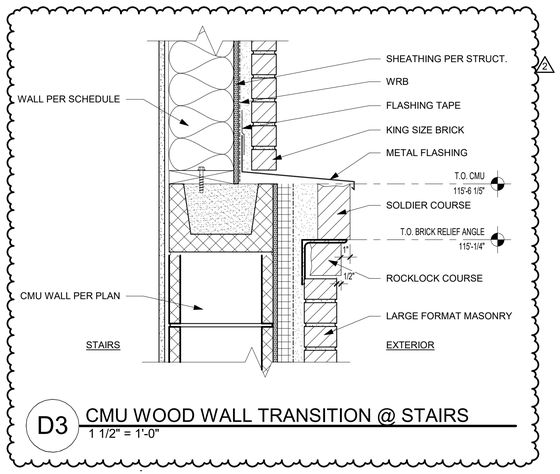
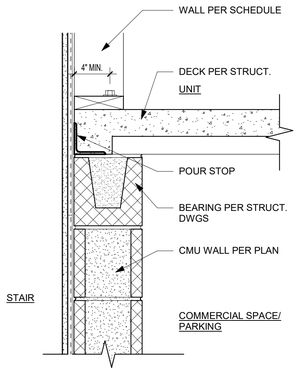
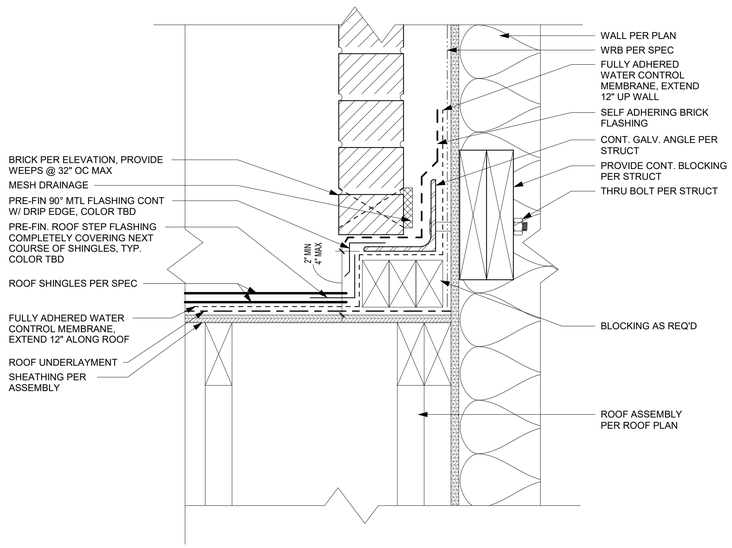


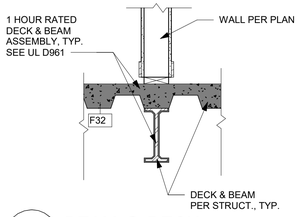
D3 CMU WOOD WALL TRANSITION @ STAIRS
1 1/2" = 1'-0"



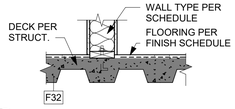
D2 DECK BEARING @ STAIRS
1 1/2" = 1'-0"



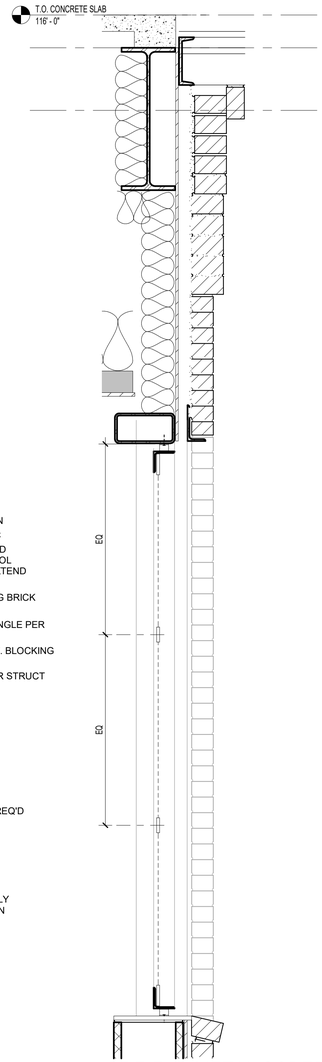
D1 THROUGH WALL FLASHING @ ROOF
3" = 1'-0"



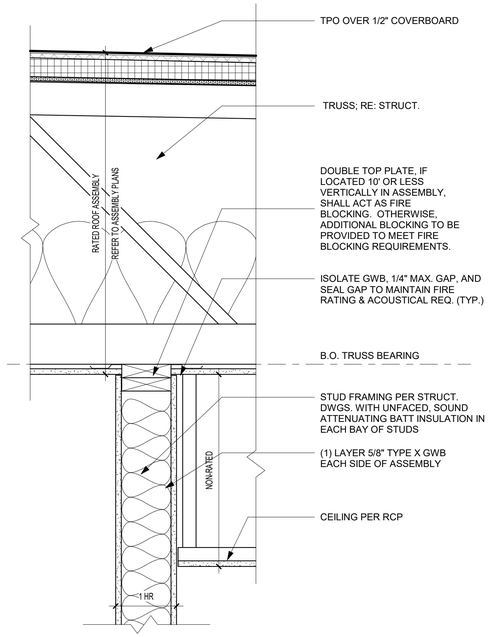
C4 BEAM @ DECK
3/4" = 1'-0"



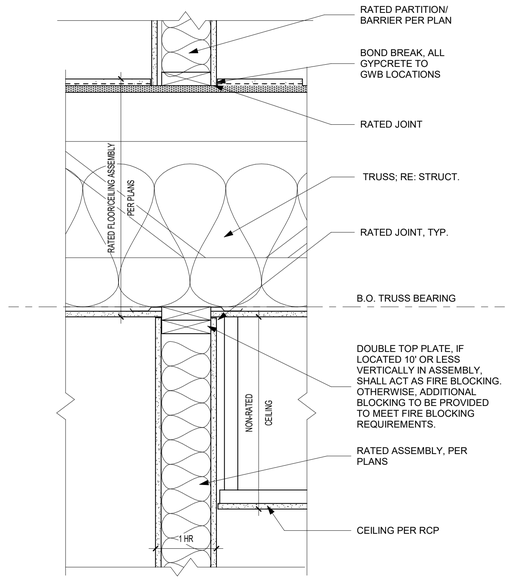
C3 WALL @ DECK
3/4" = 1'-0"



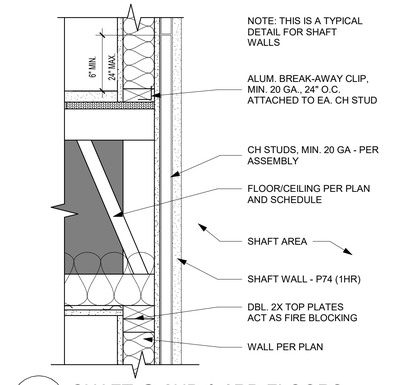
C1 PRE-FAB METAL SCREEN @ OPEN PARKING
1" = 1'-0"



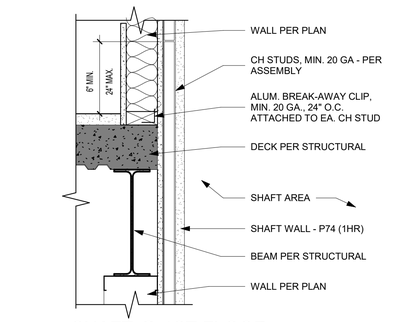
B3 WALL/RATED - WOOD STUD - 1 HOUR - ROOF/CEILING ASSEMBLY @ PARTITION PERP TO TRUSS (SECTION)
1 1/2" = 1'-0"



B1 WALL/RATED - WOOD STUD - 1 HOUR - PARTITION WALL @ F/C (SECTION)
1 1/2" = 1'-0"

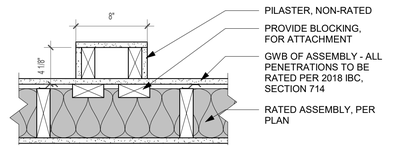


A4 SHAFT @ 2ND & 3RD FLOORS
1 1/2" = 1'-0"



A3 SHAFT @ 1ST FLOOR COMMERCIAL SPACE
1 1/2" = 1'-0"

A2 FLOOR/CEILING @ CORRIDOR (SECTION)
1/2" = 1'-0"



A1 CORRIDOR WALL WITH PILASTER (PLAN)
1 1/2" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
WALL DETAILS

PROJECT NUMBER: 23103

SHEET NUMBER:

A-502

12/20/2024 10:36:42 PM
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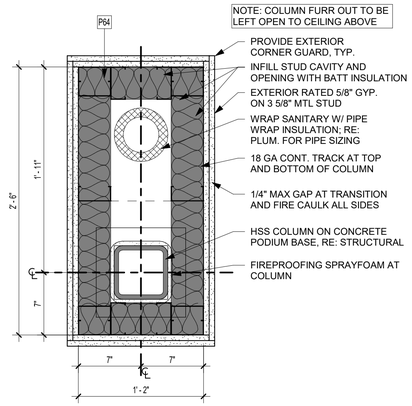
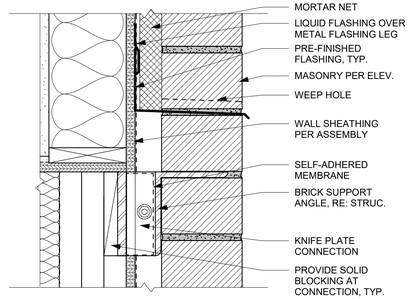
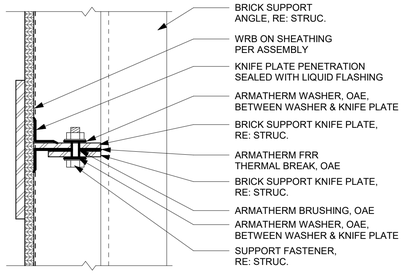


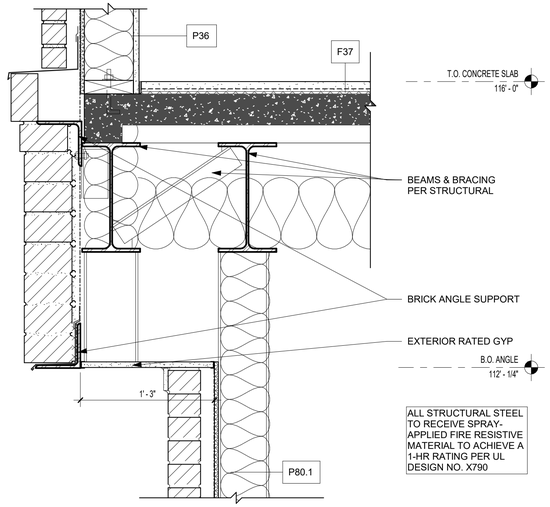
C4 FUR OUT AT COLUMN (PLAN)
1 1/2" = 1'-0"



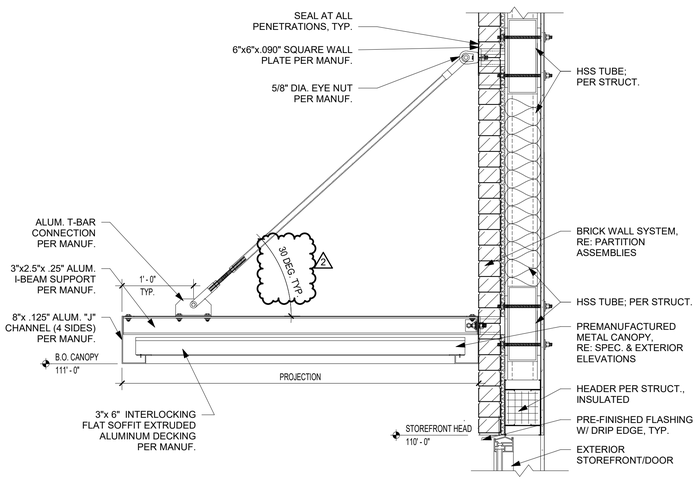
B4 BRICK SUPPORT ANGLE
N.T.S.



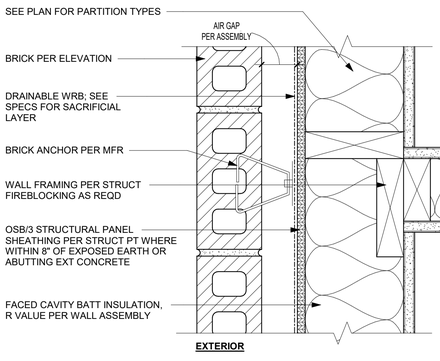
B3 KNIFE PLATE CONNECTION
N.T.S.



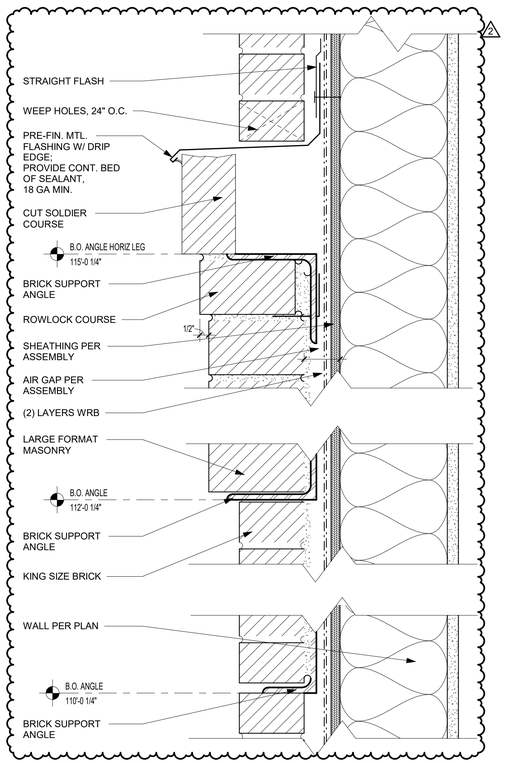
A3 BRICK OVERHANG AT BUMPOUT AT PARKING
1 1/2" = 1'-0"



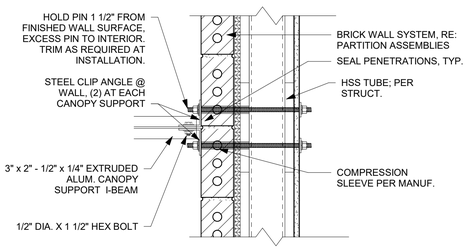
C2 CANOPY @ STEEL (SECTION)
1" = 1'-0"



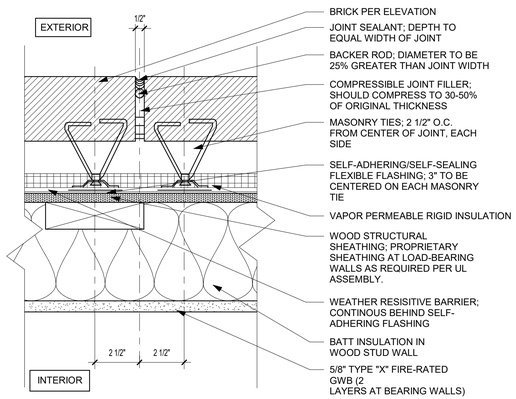
B2 BRICK - INTERIOR PARTITION TO EXTERIOR WALL (PLAN)
3" = 1'-0"



A1 WALL/EXTERIOR - BRICK BAND DETAIL
3" = 1'-0"



C1 CANOPY DETAIL @ STEEL (PLAN)
1 1/2" = 1'-0"



B1 WALL/EXTERIOR - WOOD STUD/BRICK @ VERTICAL CONTROL JOINT (PLAN)
3" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
BRICK DETAILS

PROJECT NUMBER: 23103

SHEET NUMBER:

A-503

12/20/2024 10:26:56 PM
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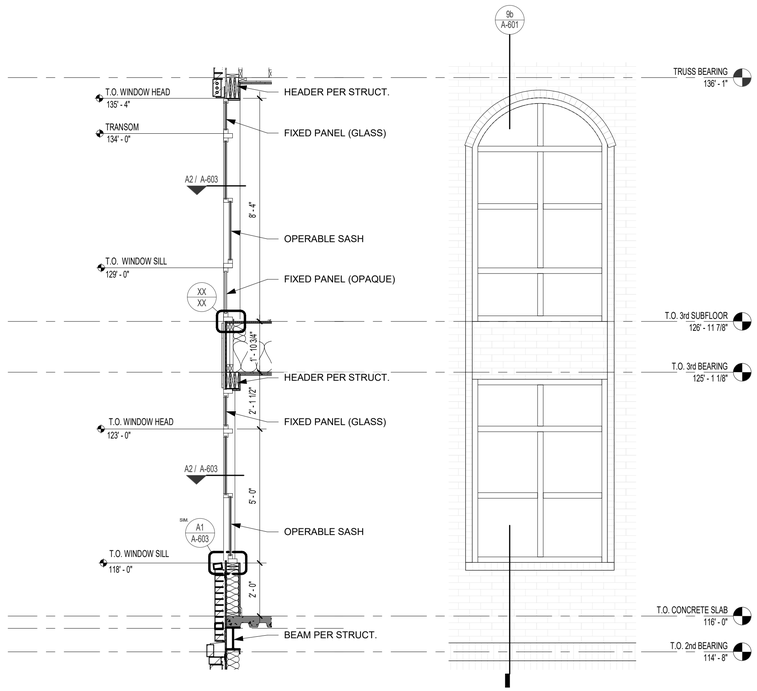
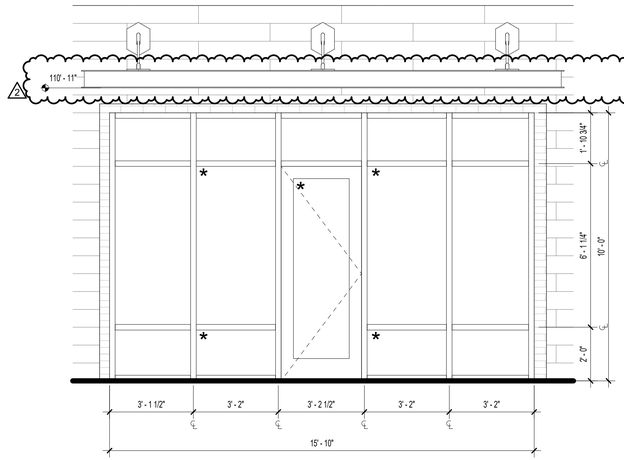


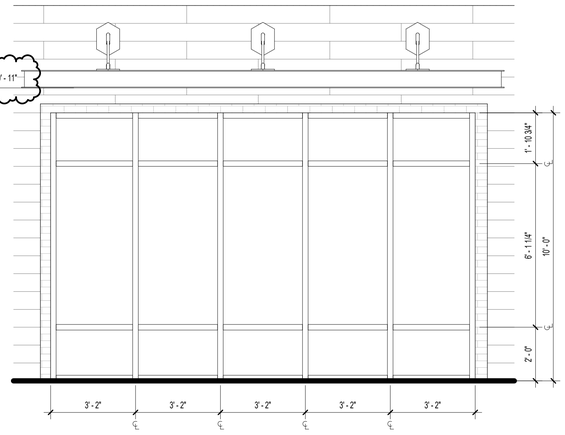
9b SECTION
3/8" = 1'-0"

SF - UPPER FLOORS (WINDOW C) - ELEVATION

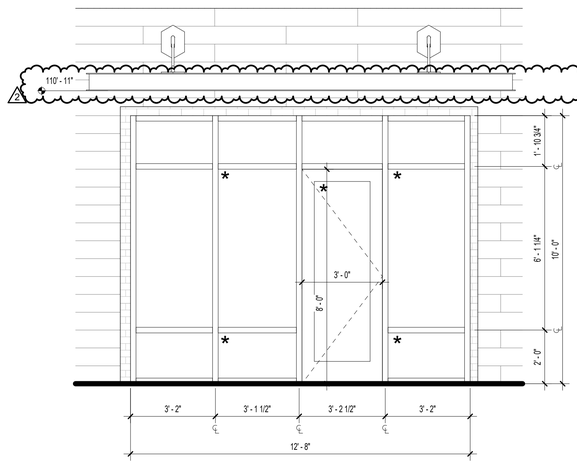
9a
3/8" = 1'-0"



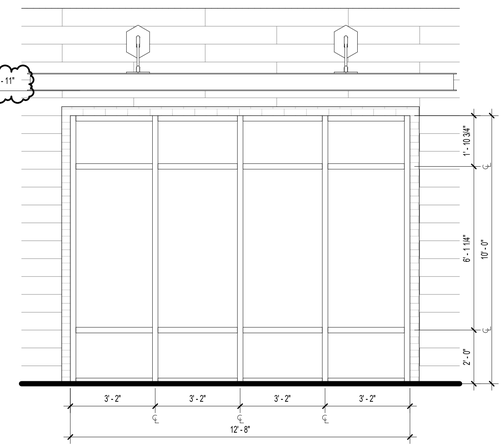
8 SF - 5 PANEL W/ DOOR
3/8" = 1'-0"



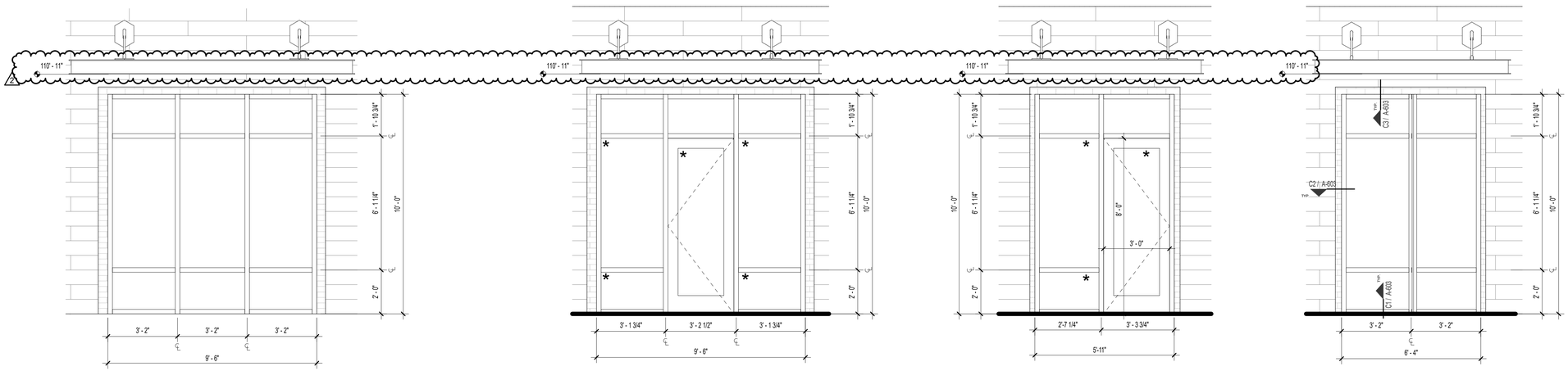
7 SF - 5 PANEL
3/8" = 1'-0"



6 SF - 4 PANEL W/ DOOR
3/8" = 1'-0"



5 SF - 4 PANEL
3/8" = 1'-0"



4 SF - 3 PANEL
3/8" = 1'-0"

3 SF - 3 PANEL W/ DOOR
3/8" = 1'-0"

2 SF - 2 PANEL W/ DOOR
3/8" = 1'-0"

1 SF - 2 PANEL
3/8" = 1'-0"

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THE VILLAGE AT DISCOVERY - LOT 7

LEE'S SUMMIT, MO

SHEET TITLE
TYPICAL STOREFRONT ELEVATIONS

PROJECT NUMBER: 23103

SHEET NUMBER:

A-601

12/20/2024 10:37:39 PM
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