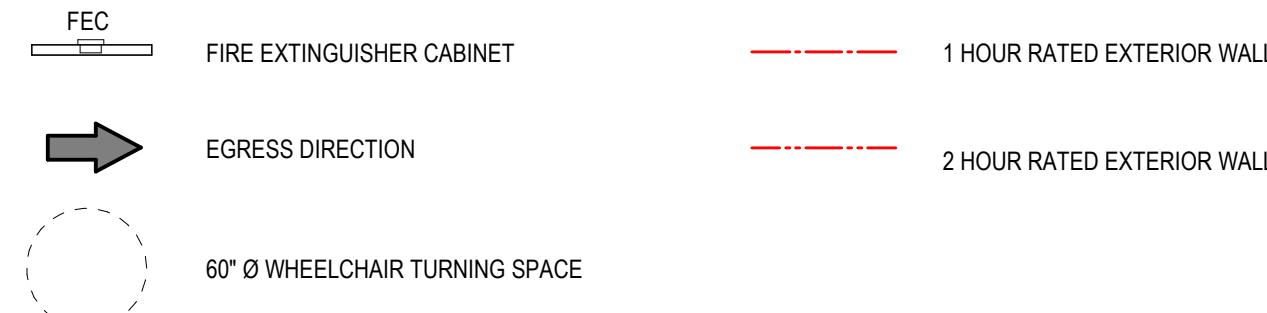


GENERAL LIFE SAFETY PLAN NOTES

- 1 ALL DOOR LEAVES ARE 36" WIDE WITH 33" CLEAR EGRESS WIDTH, UNLESS NOTED OTHERWISE.
- 2 WIDTHS NOTED ON LIFE SAFETY PLANS ARE CLEAR EGRESS WIDTHS.
- 3 SEE SITE PLAN FOR ACCESSIBLE ROUTE TO ACCESSIBLE PARKING STALLS.

LIFE SAFETY PLAN LEGEND

NOT TO SCALE



CODE INFORMATION

CLASSIFICATION OF WORK: (IEBC 2015 Sections 503, 504, 505)

New Building / Addition

Project Area 124,840 sq. ft.

NEW BUILDING AREA:

Level One	20,460 gross sq. ft.
Level Two	20,450 gross sq. ft.
Level Three	20,450 gross sq. ft.
Level Four	20,450 gross sq. ft.
Level Five	20,450 gross sq. ft.
Level Six	20,450 gross sq. ft.
Level Seven	2,130 gross sq. ft.
Building Total	124,840 gross sq. ft.

BUILDING HEIGHT:

7 parking tiers above grade plane

63'-8" to surface of low roof

65'-8" to surface of high roof

PRIMARY BUILDING USES: (IBC 2015 Chapter 3)

Location	Occupancy group	Floor area
Storage (Open Parking Garage)	Group S-2, Low Hazard Storage	123,618 sqf

TYPE OF CONSTRUCTION: 2B (IBC 2015 Chapter 6)

FIRE RESISTANCE RATINGS:

Fire Resistance Hourly Ratings for Structural Components: (IBC 2015 Table 601)

Primary Structural Frame 0 Hour

Bearing Walls, Exterior 0 Hour

Bearing Walls, Interior 0 Hour

Floor Construction 0 Hour

Roof Construction 0 Hour

Fire Resistance Hourly Ratings for Separations:

Corridors 0 Hour, building is fully fire sprinklered (IBC 2015 Table 1020.1)

Exterior Wall Separation 1 Hour (Use = S-2) / 2 Hour (Use = M) (IBC 2015 Table 508.4)

Mechanical Room 1 Hour (IBC 2015 Table 509)

FIRE SPRINKLER SYSTEM:

Fully sprinklered per NFPA 13

ALLOWABLE AREA CALCULATIONS:

50,000 sq. ft. Basic Allowable Area per S-2 Occupancy (most restrictive) (IBC 2015 Table 406.5.4)

NA Area Increase (IBC 2015 Table 406.5.5)

50,000 sq. ft. Total Allowable Area per Floor

ALLOWABLE HEIGHT CALCULATIONS: (IBC 2015 Table 406.5.4)

8 Tiers (Levels) 75 feet Basic Allowable Height per S2 Occupancy (Open Parking Garage)

OCCUPANT LOAD CALCULATIONS: (IBC 2015 Table 1004.1.2)

Storage (Parking Garage), Group S-2

Level One 20,460 gsf / 200 102.3 persons

Level Two 20,450 gsf / 200 102.25 persons

Level Three 20,450 gsf / 200 102.25 persons

Level Four 20,450 gsf / 200 102.25 persons

Level Five 20,450 gsf / 200 102.25 persons

Level Six 20,450 gsf / 200 102.25 persons

Level Seven 2,130 gsf / 200 10.65 persons

Total occupancy 625 persons

EXIT WIDTH CALCULATIONS: (IBC 2015 Section 1005.3.1 & 1005.3.2)

With Sprinkler System:

Stairs, Required Stairs, Provided Other Egress, Required Other Egress,

Level 1: 103 persons x 2 = 20.6 inches 66 inches

Level 2: 103 persons x 3 = 30.9 inches 120 inches

Level 3: 103 persons x 3 = 30.9 inches 120 inches

Level 4: 103 persons x 3 = 30.9 inches 120 inches

Level 5: 103 persons x 3 = 30.9 inches 120 inches

Level 6: 103 persons x 3 = 30.9 inches 120 inches

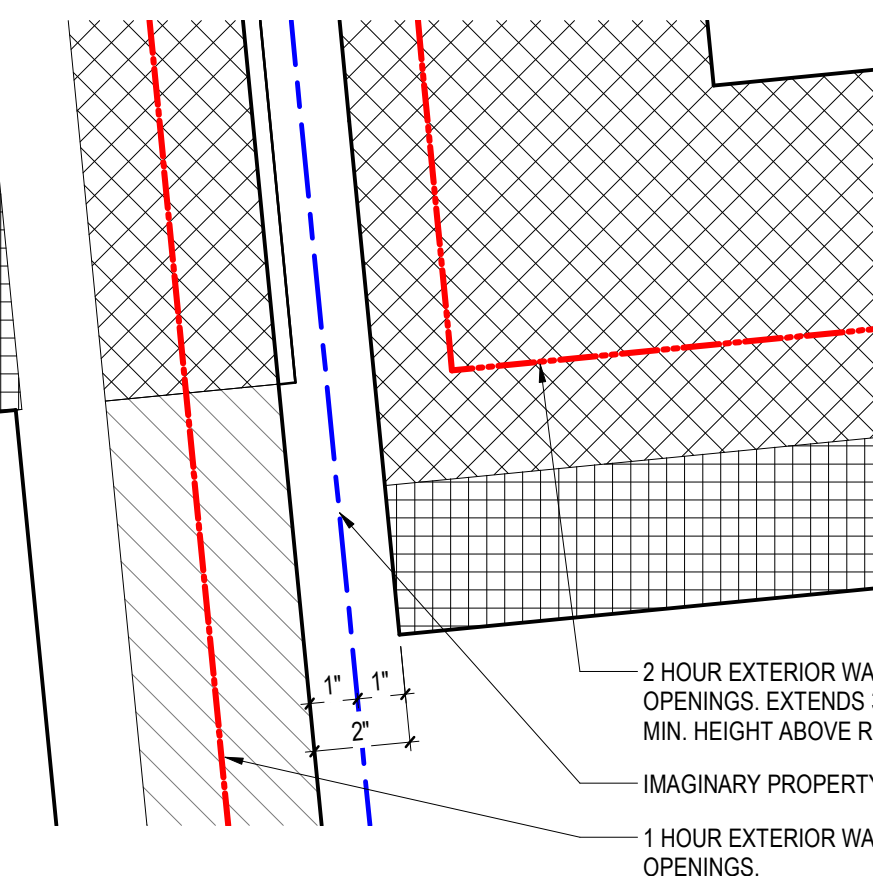
Level 7: 11 persons x 3 = 3.3 inches 120 inches

TOILET FIXTURE CALCULATIONS: (IBC 2015 Table 2902.1)

No Plumbing Fixtures assumed for the S-2 Occupancy. (Open Parking Garage)

BUILDING SEPARATION GAP - WEST

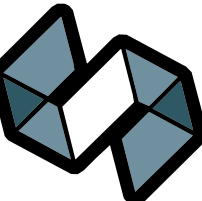
SCALE: 3" = 1'-0"



BUILDING SEPARATION GAP - EAST

SCALE: 3" = 1'-0"

*SEE DETAIL 2/A801 FOR CONSTRUCTION DETAIL



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VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

07/28/2023

BID DOCUMENTS

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: AJH

CHECKED BY: WAS

APPROVED BY: PT

SCALE: AS NOTED

LIFE SAFETY PLAN & CODE
INFORMATION

A003

GENERAL LIFE SAFETY PLAN NOTES

1. ALL DOOR LEAVES ARE 36" WIDE WITH 33" CLEAR EGRESS WIDTH, UNLESS NOTED OTHERWISE.
2. WIDTHS NOTED ON LIFE SAFETY PLANS ARE CLEAR EGRESS WIDTHS.
3. SEE SITE PLAN FOR ACCESSIBLE ROUTE TO ACCESSIBLE PARKING STALLS.

LIFE SAFETY PLAN LEGEND

NOT TO SCALE



FIRE EXTINGUISHER CABINET



EGRESS DIRECTION



60" Ø WHEELCHAIR TURNING SPACE

1 HOUR RATED EXTERIOR WALL

2 HOUR RATED EXTERIOR WALL

LEVEL TWO PLAN

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

LEVEL THREE PLAN

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

LEVEL FOUR PLAN

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

Autodesk Docs://2025013.00 - Village on Park Garage/2025013.00_A.nt
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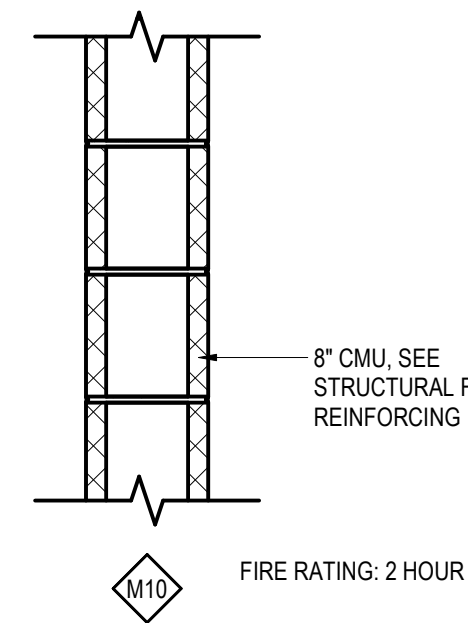
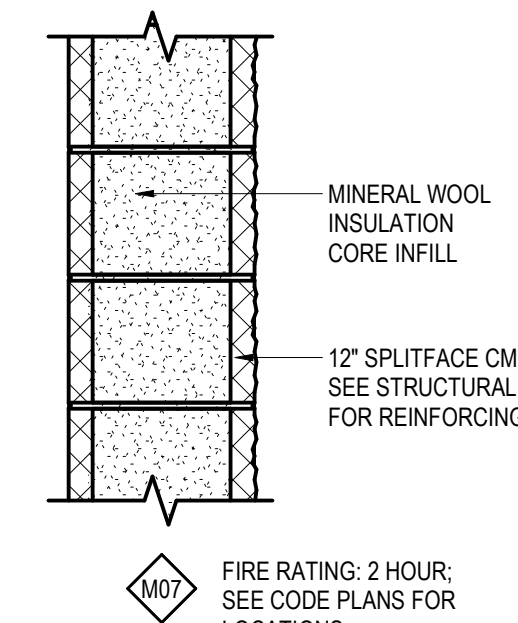
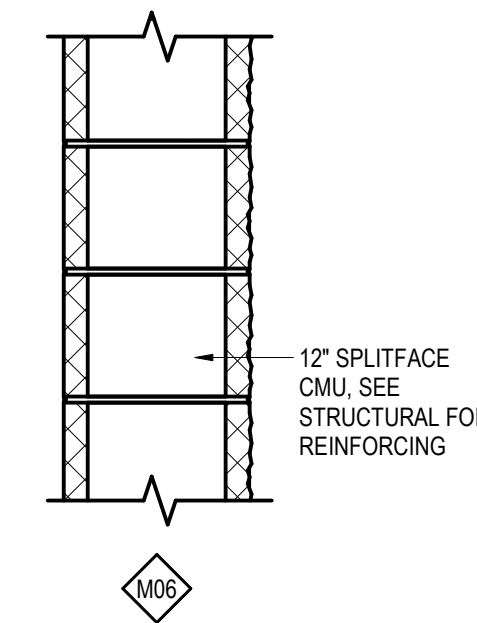
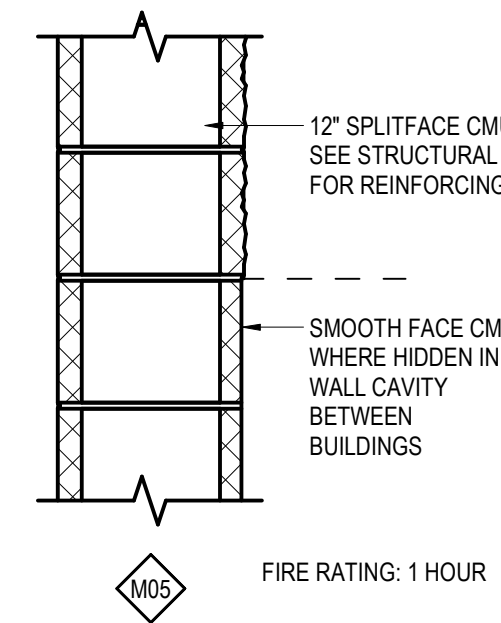
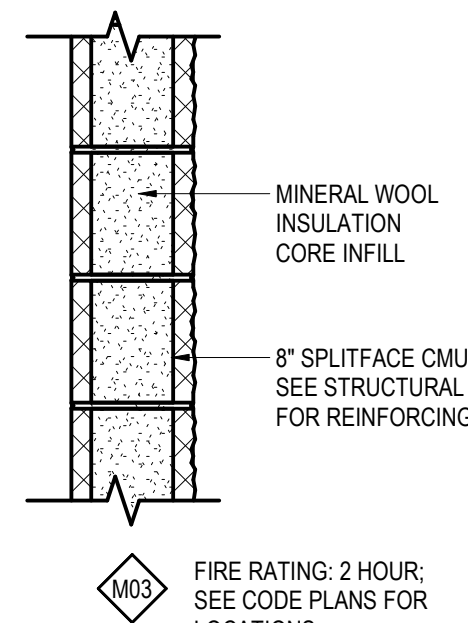
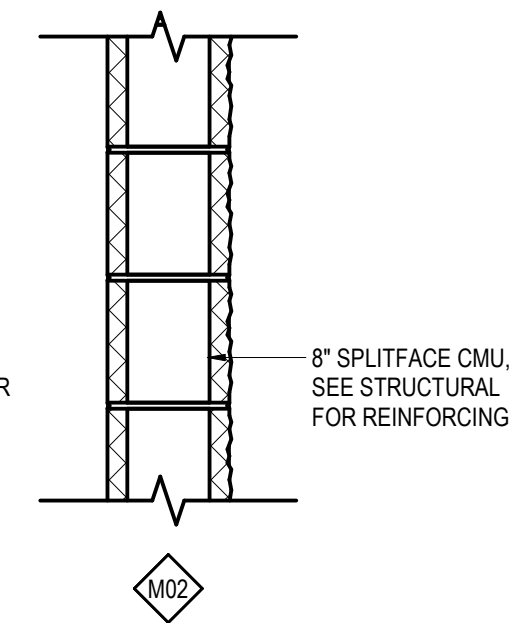
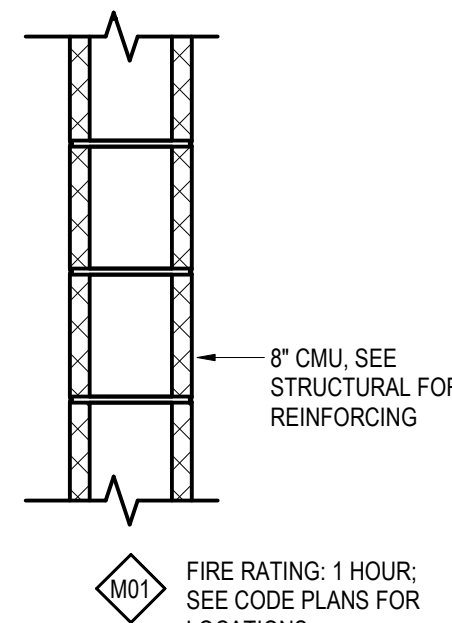
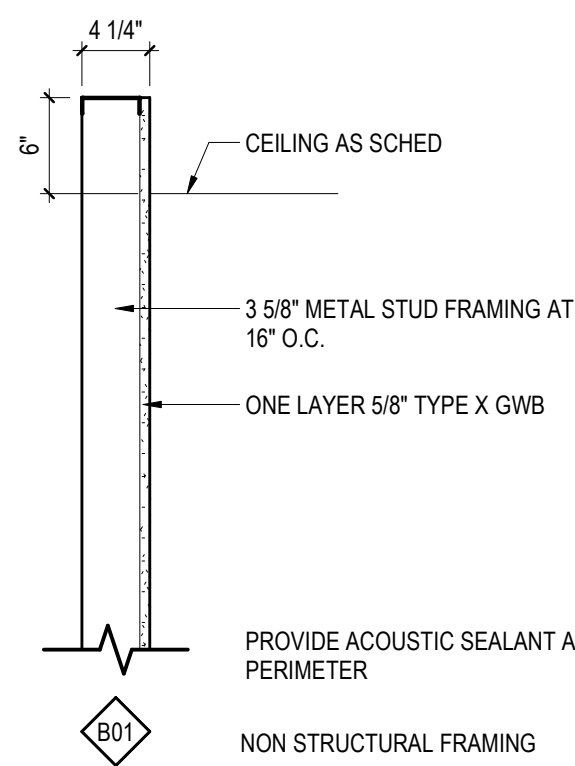
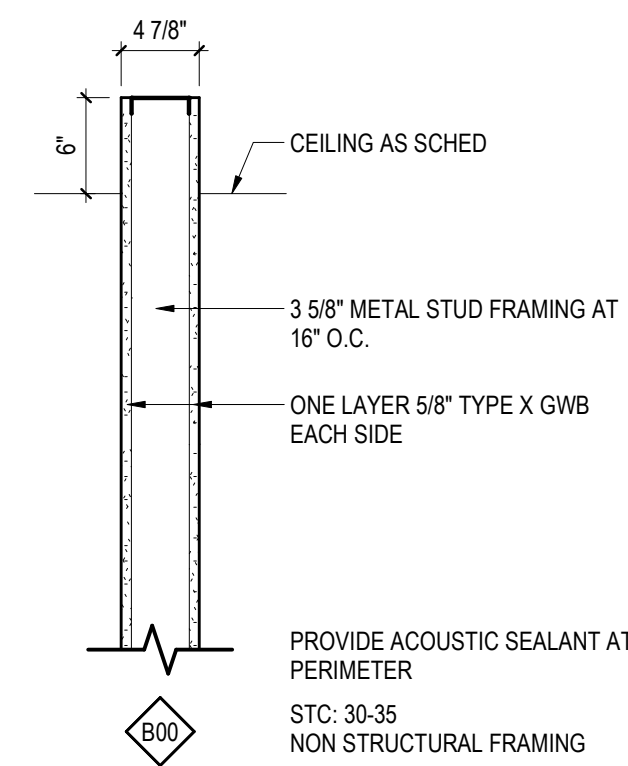
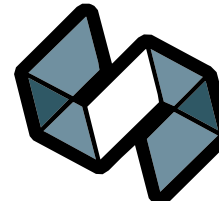
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SHEET TITLE:

LIFE SAFETY PLAN & CODE
INFORMATION

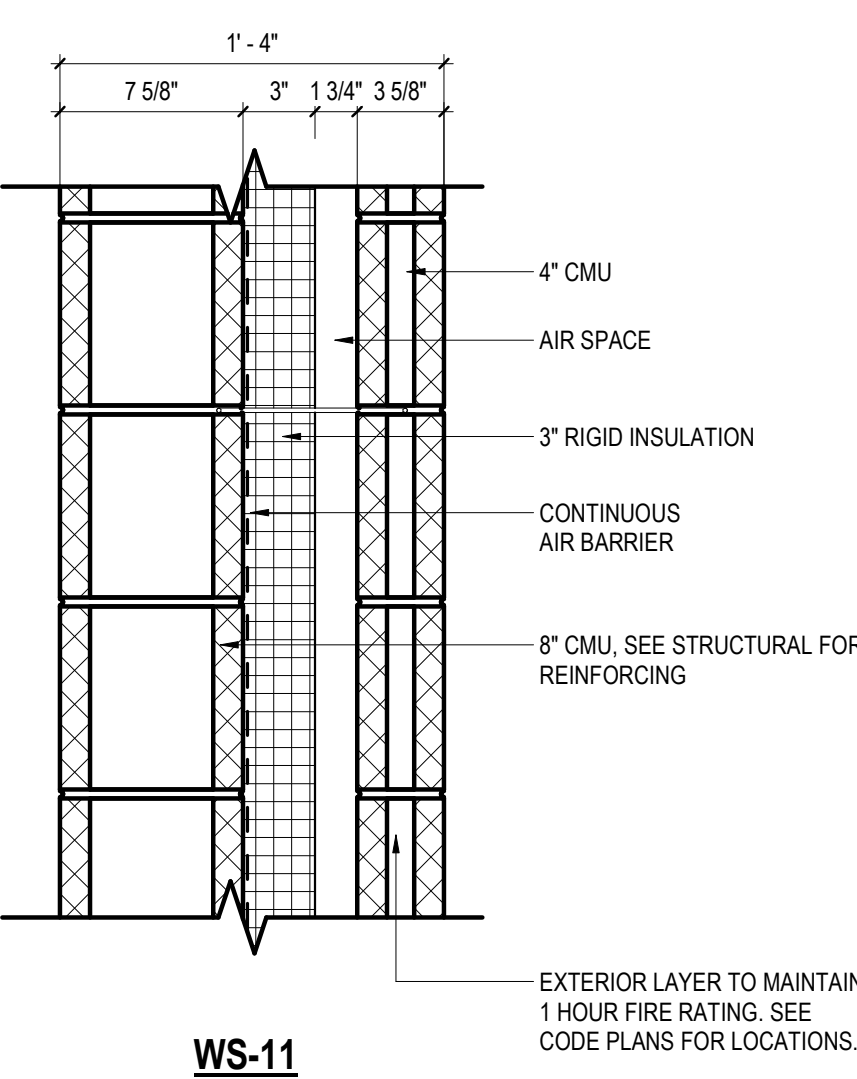
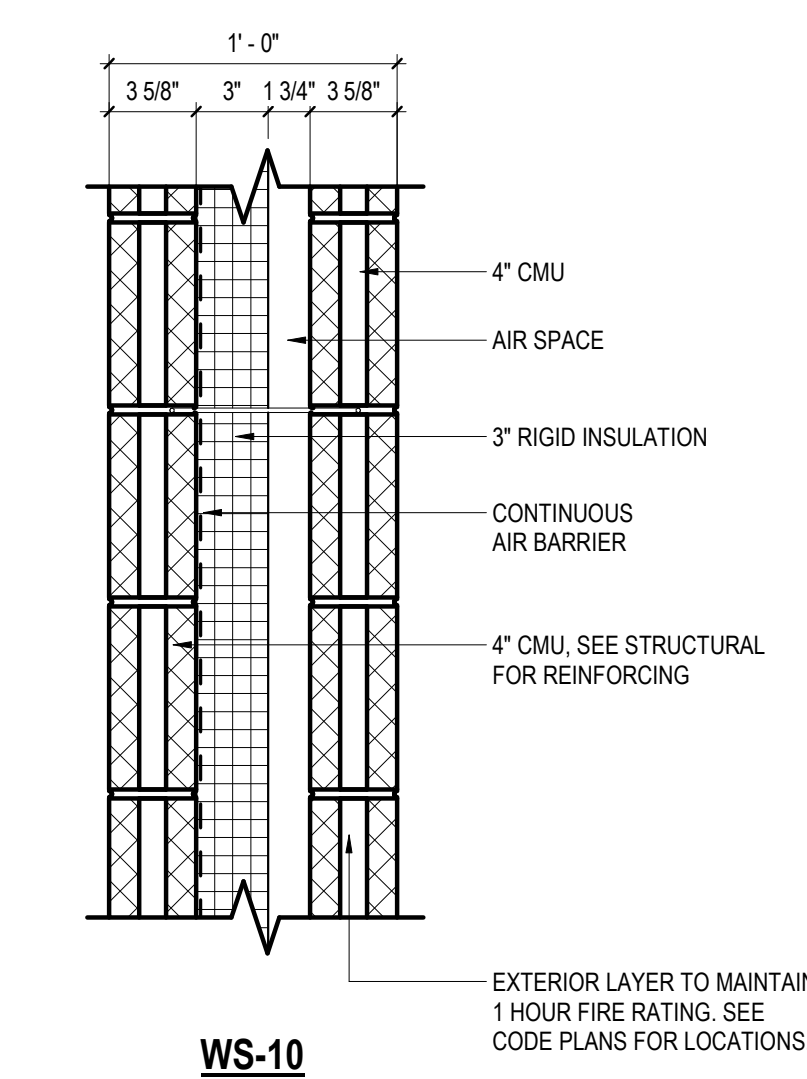
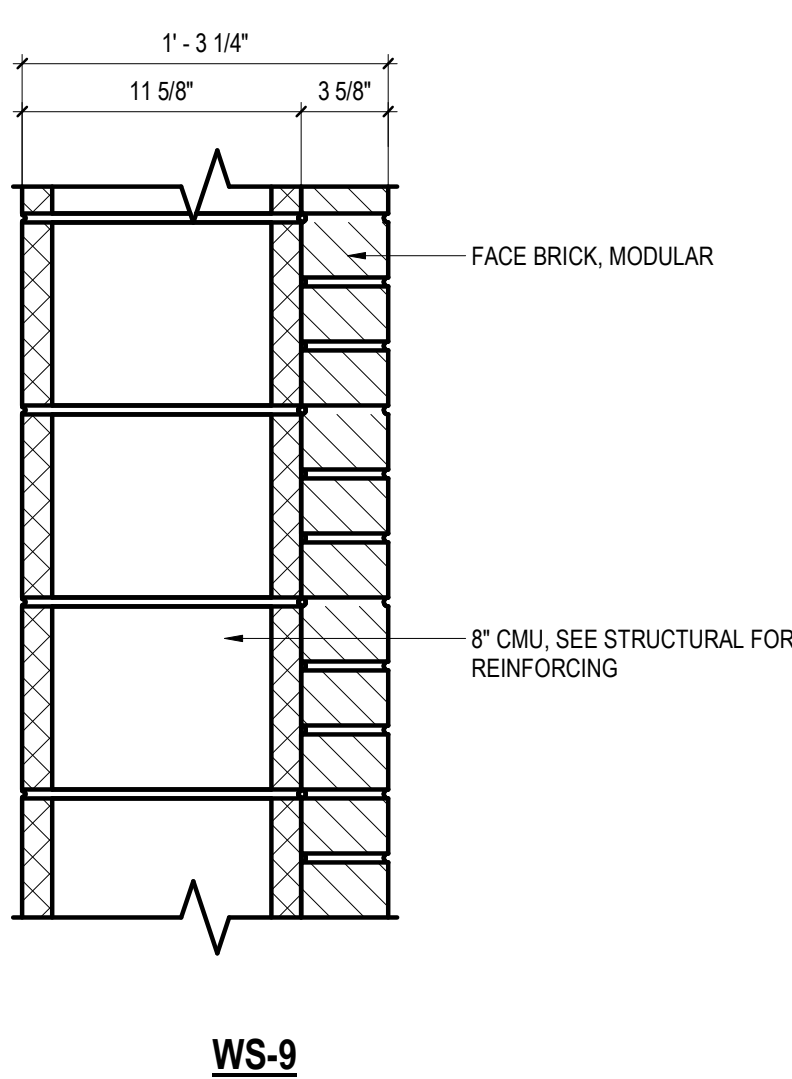
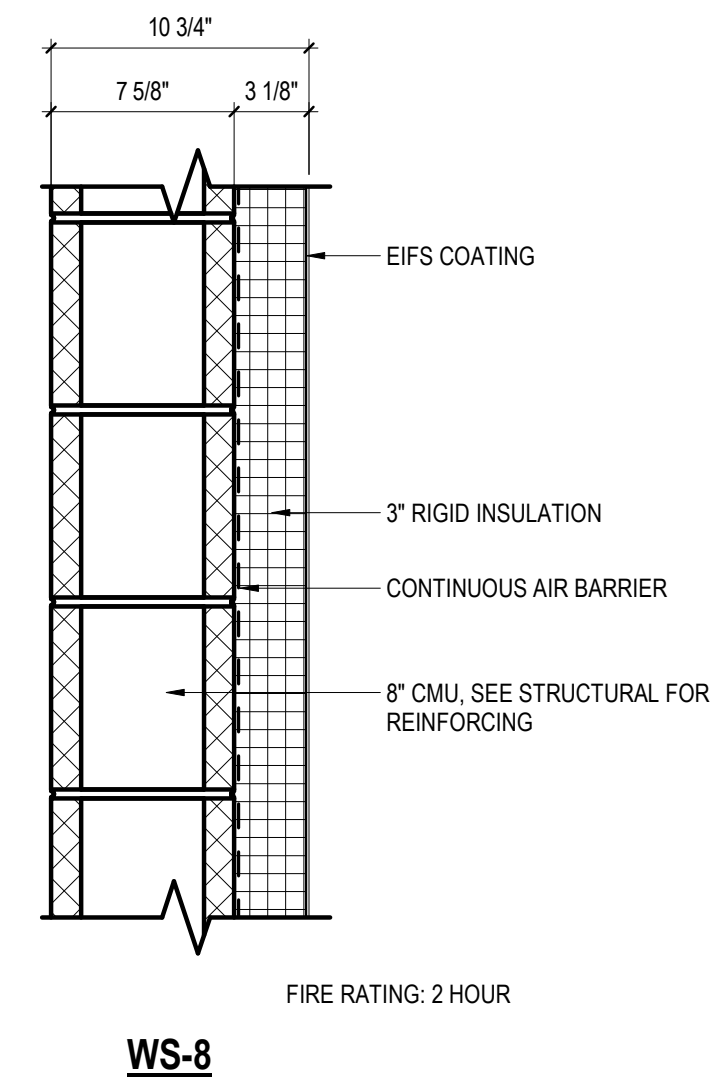
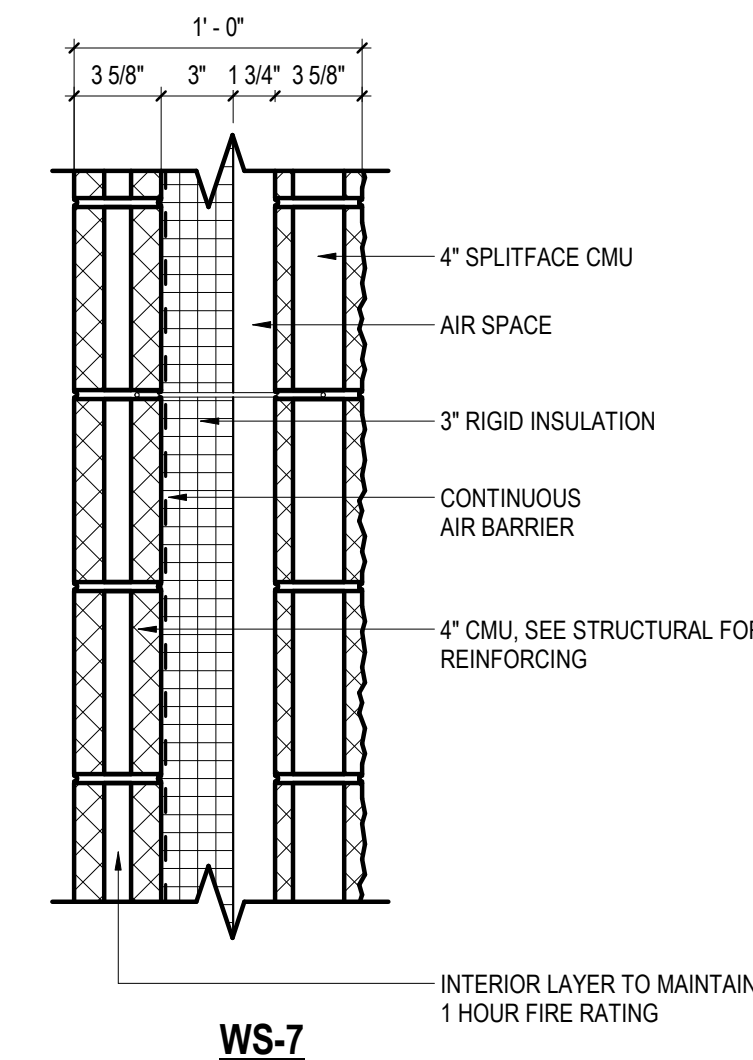
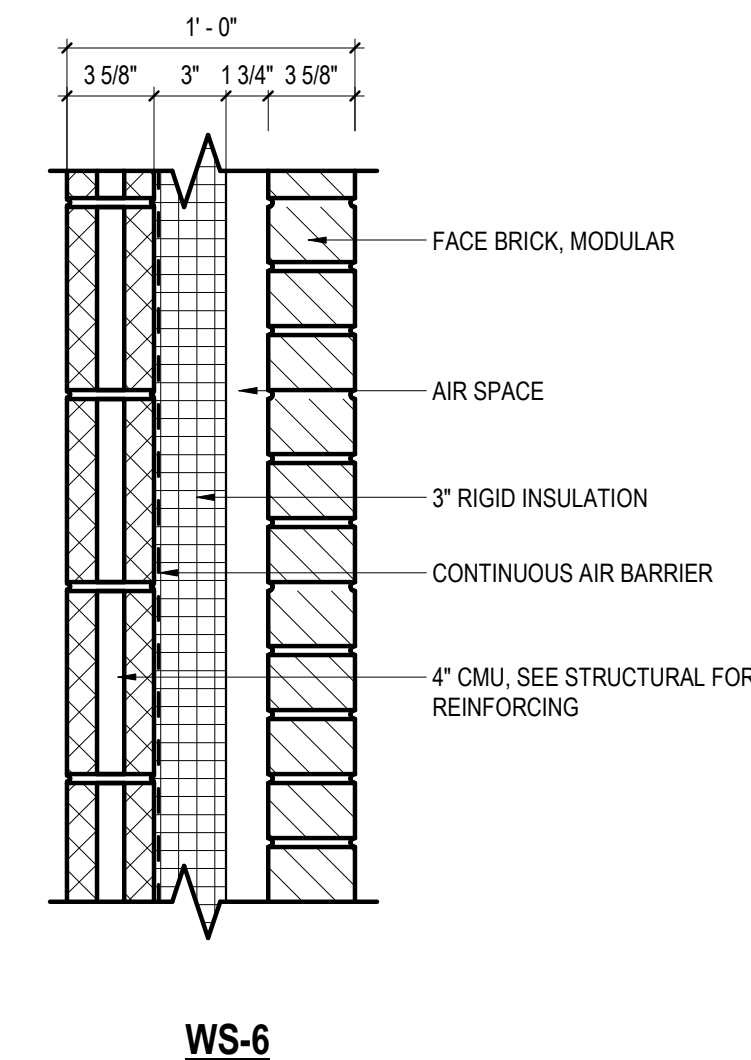
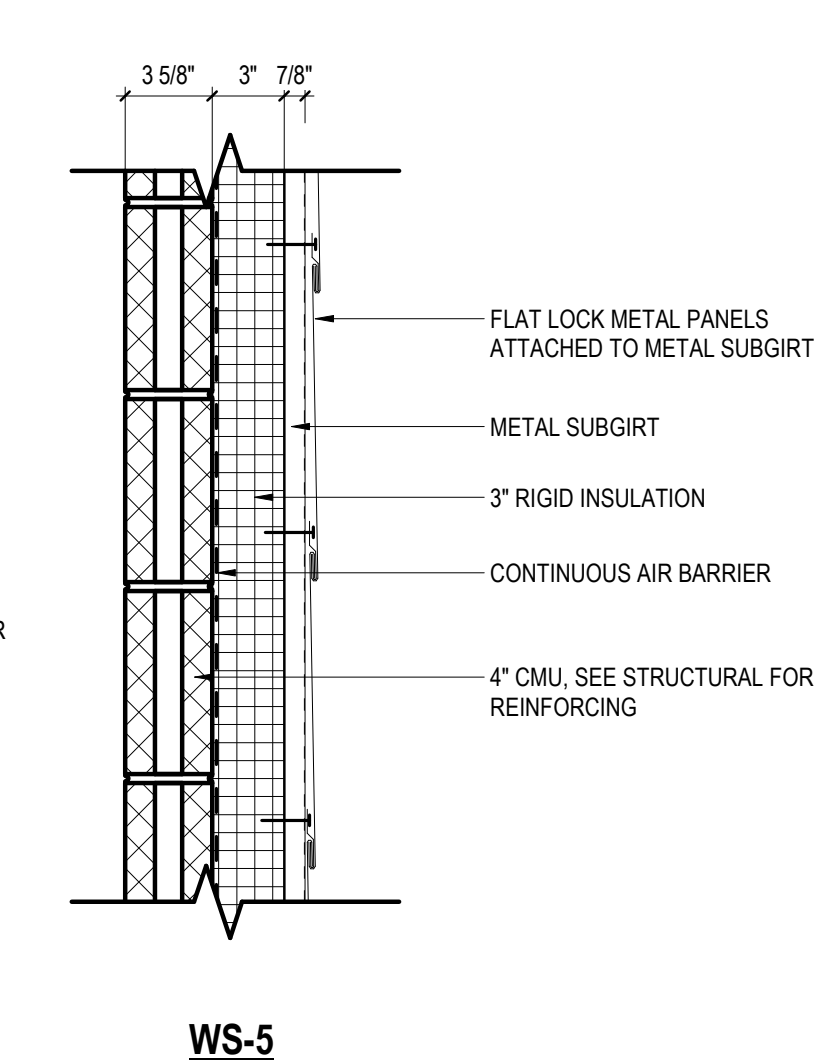
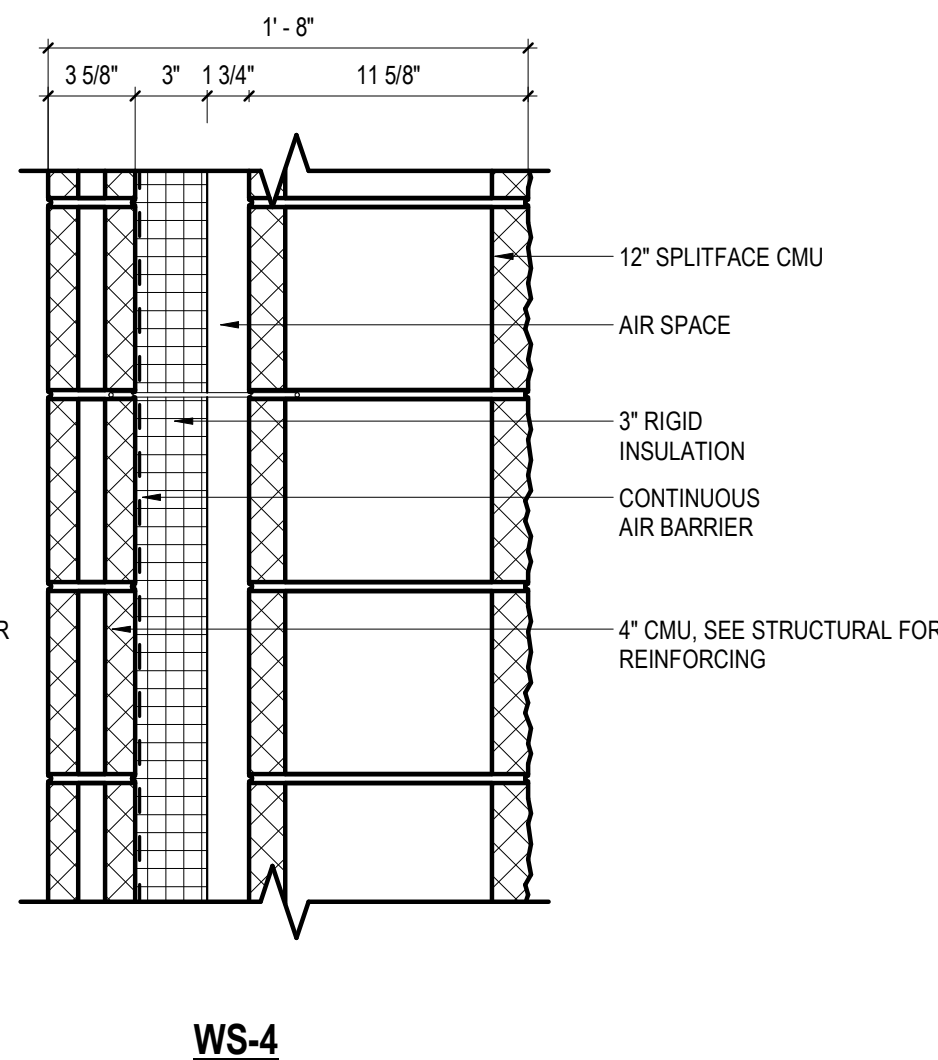
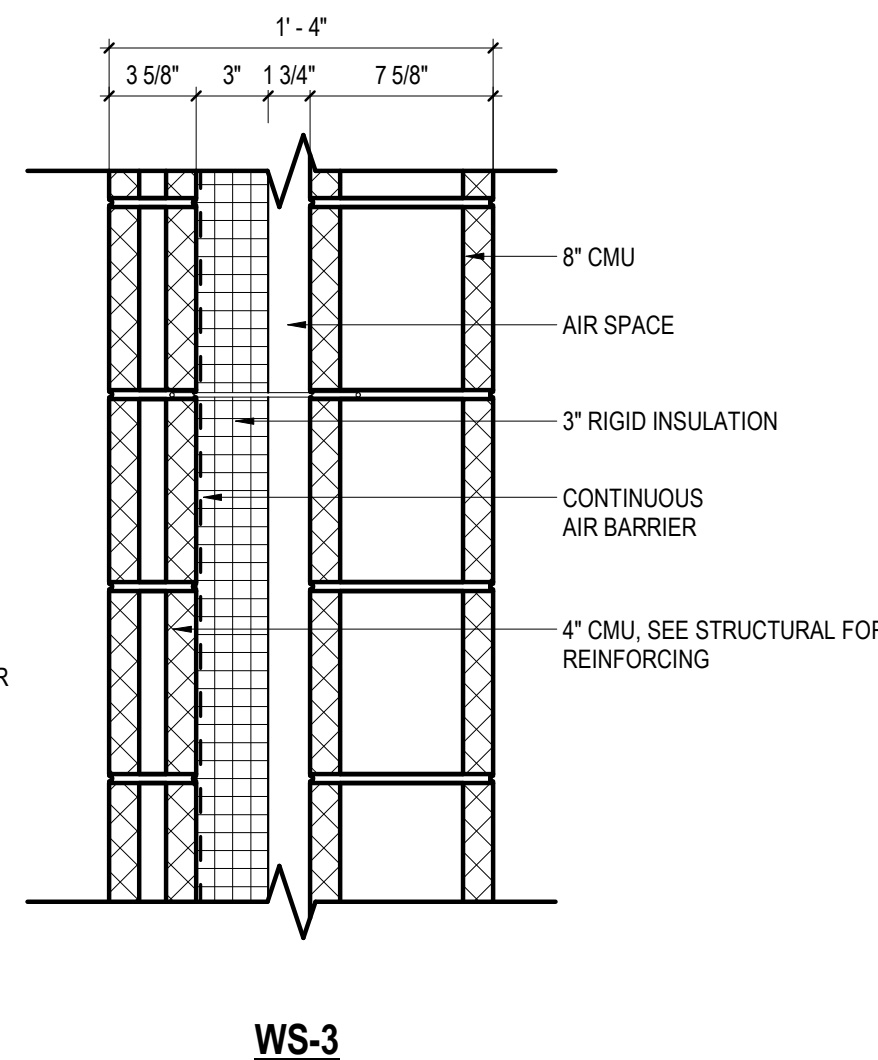
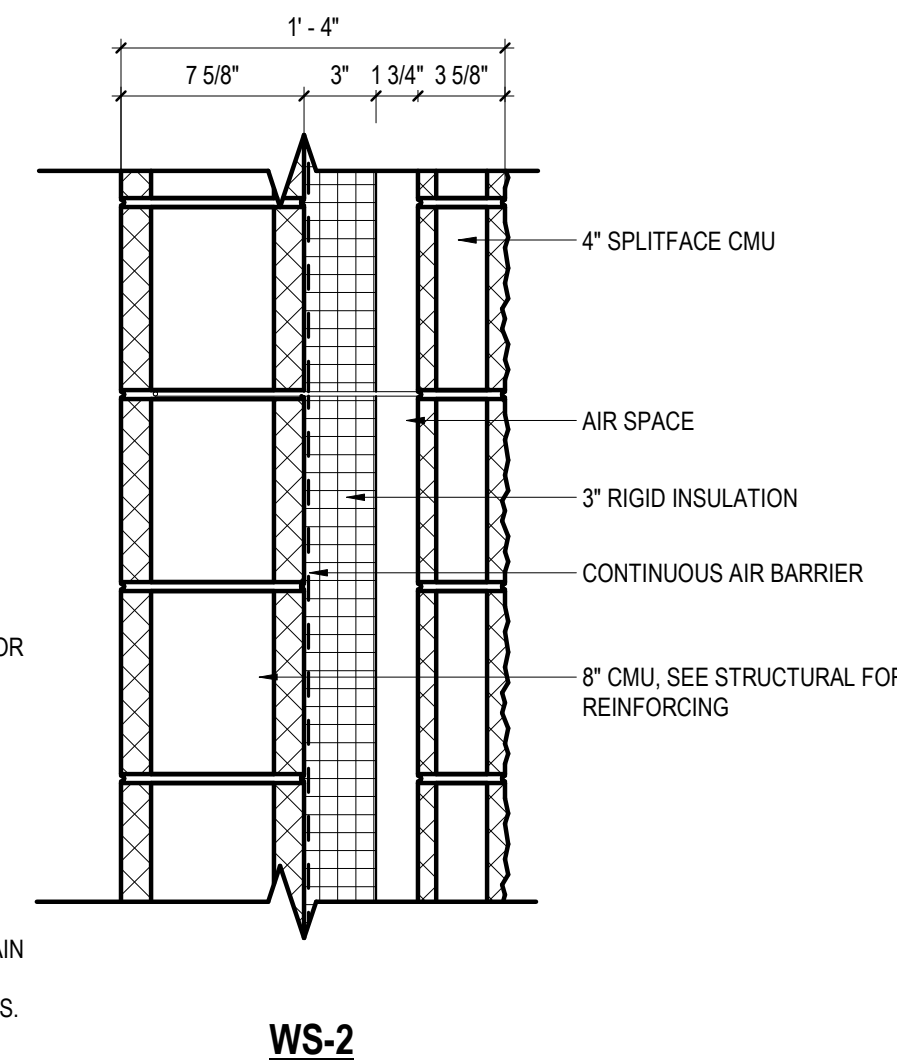
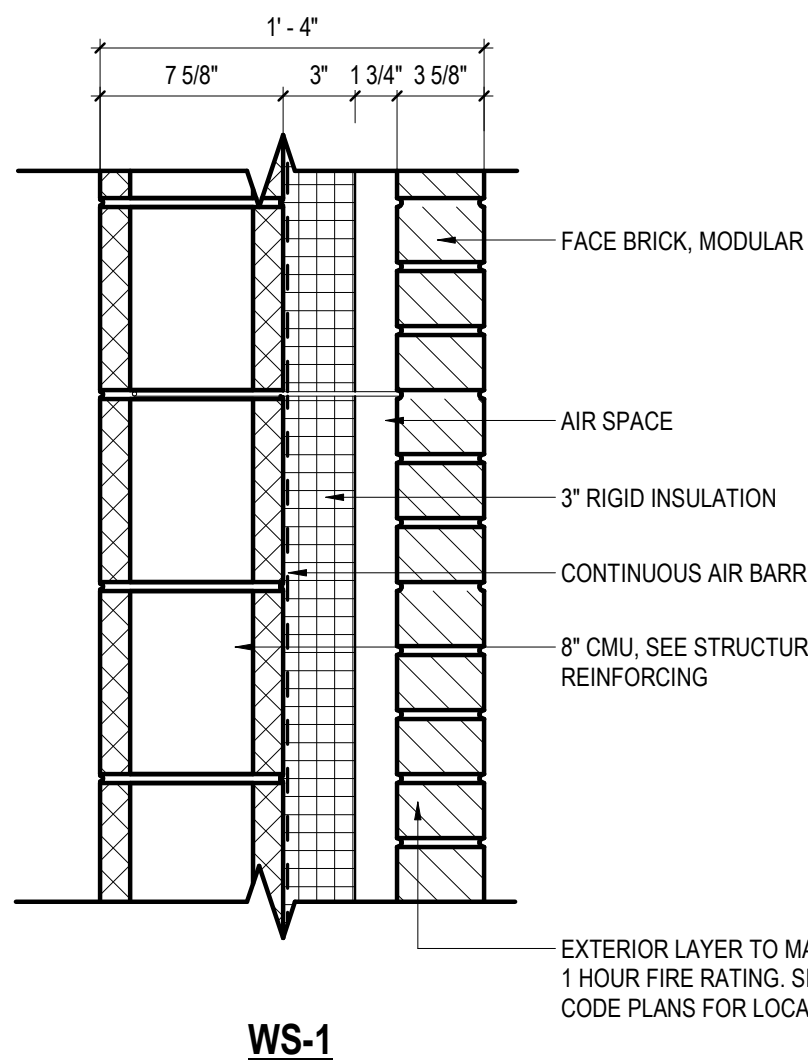
SHEET NUMBER:

A004



1 PARTITION TYPES

SCALE: 1" = 1'-0"



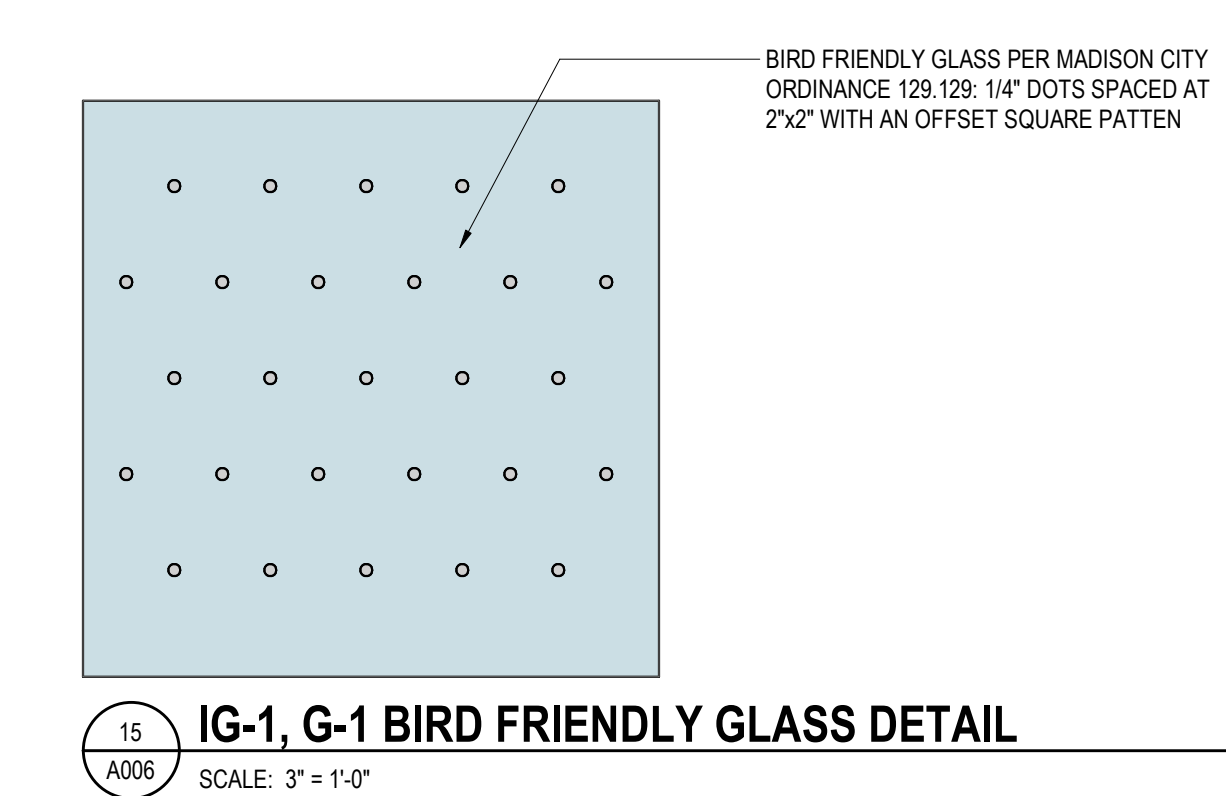
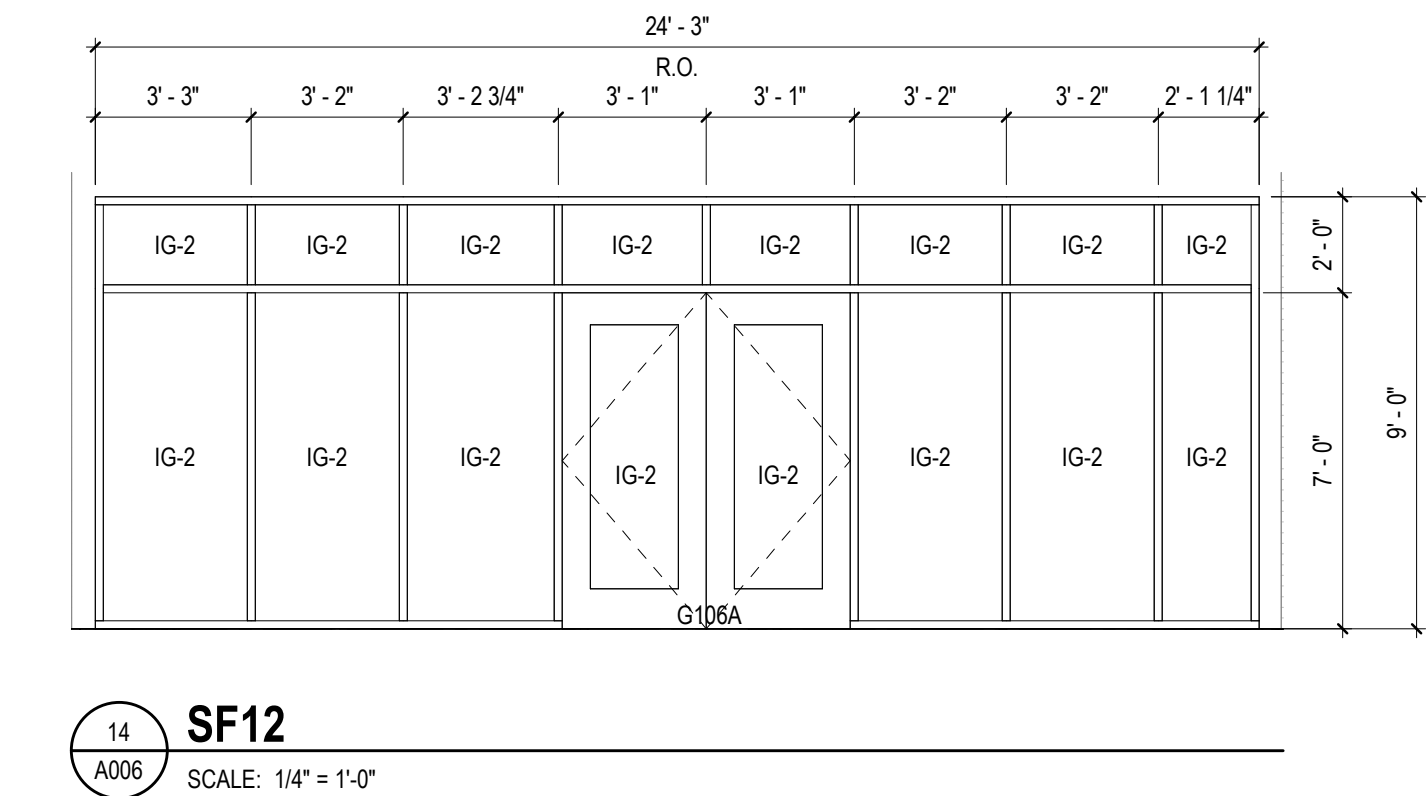
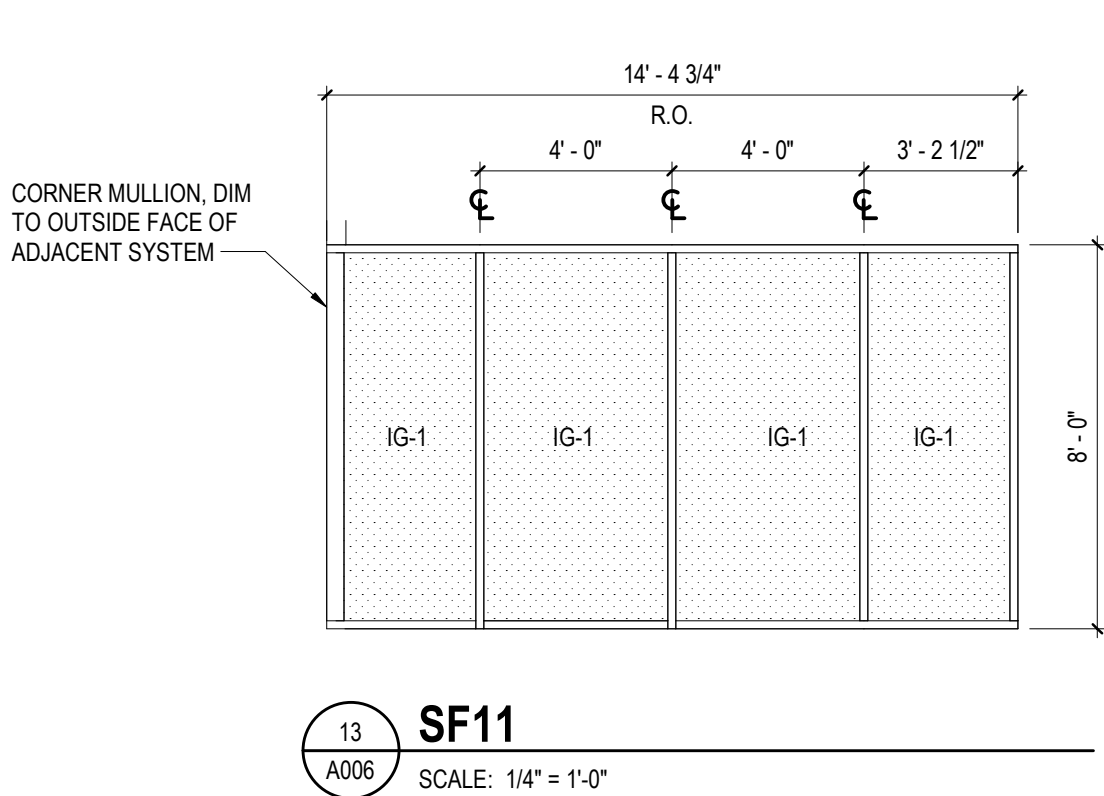
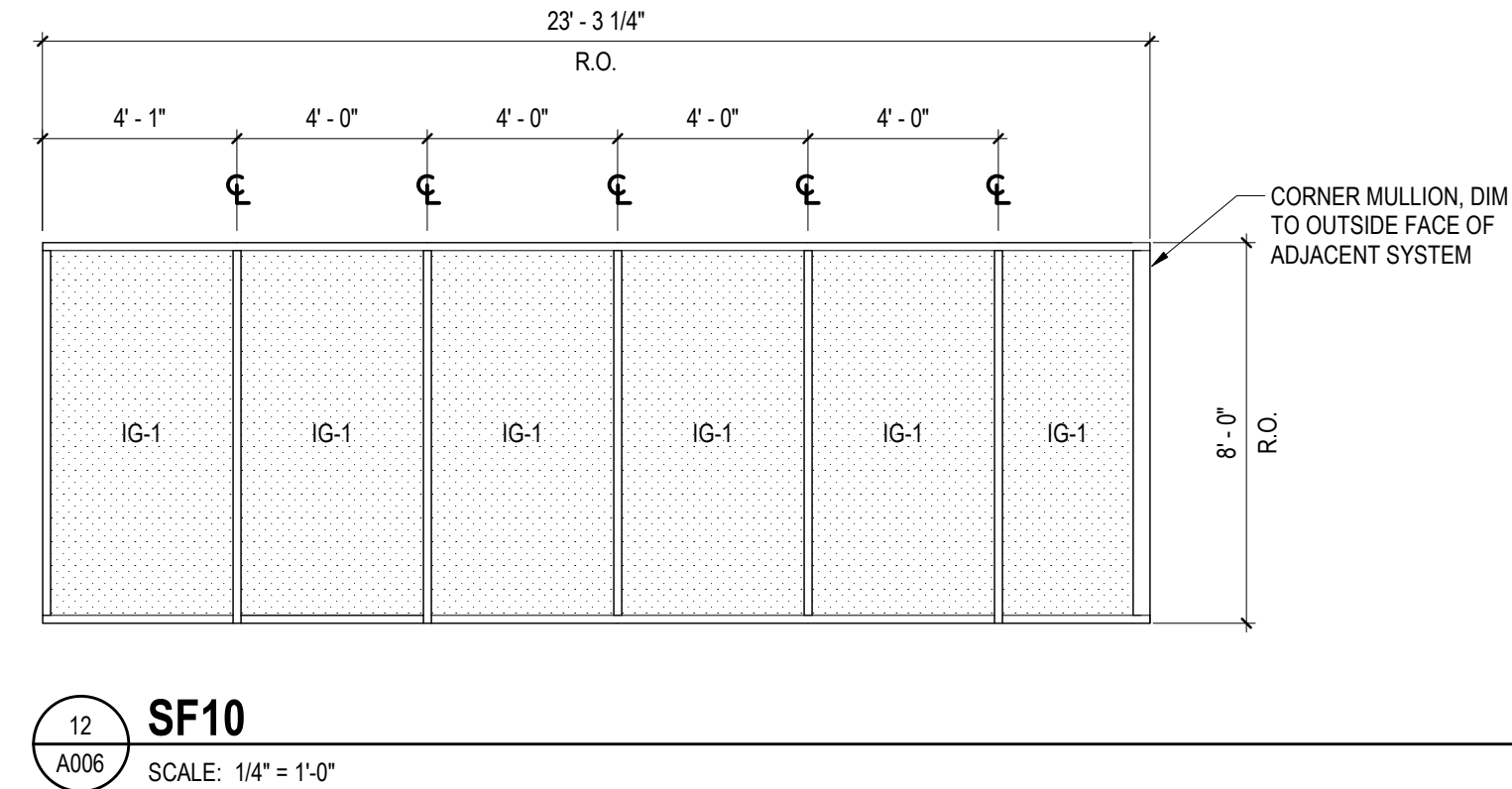
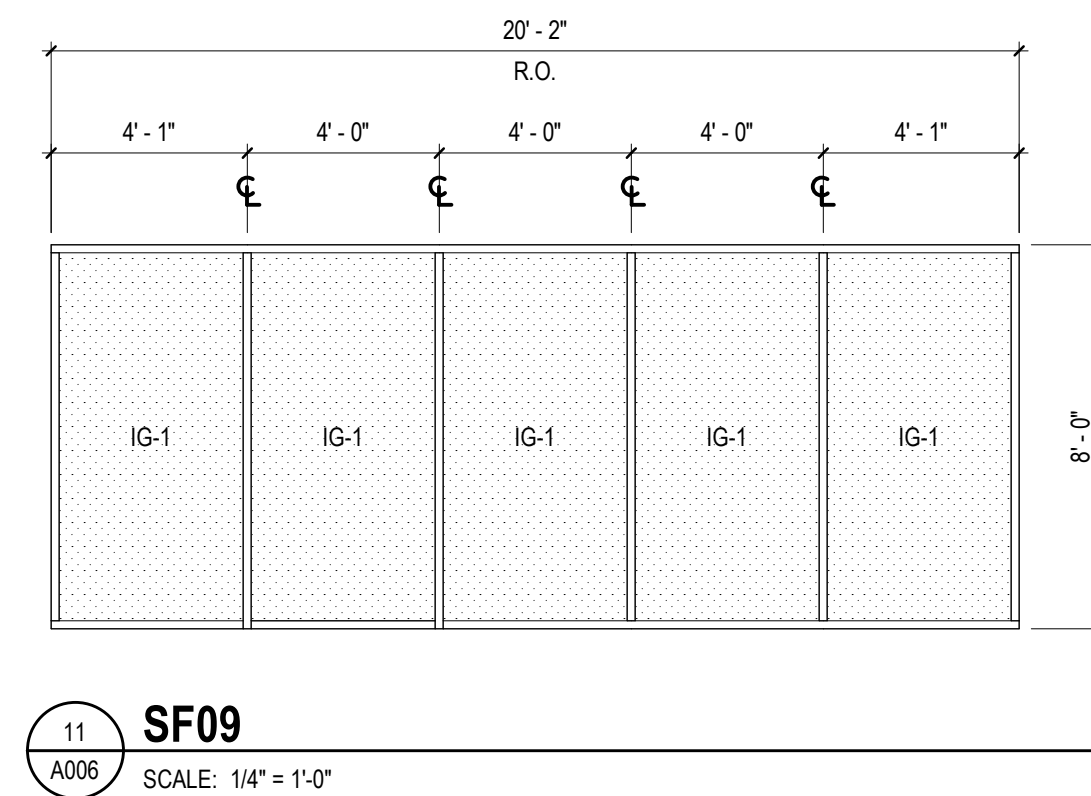
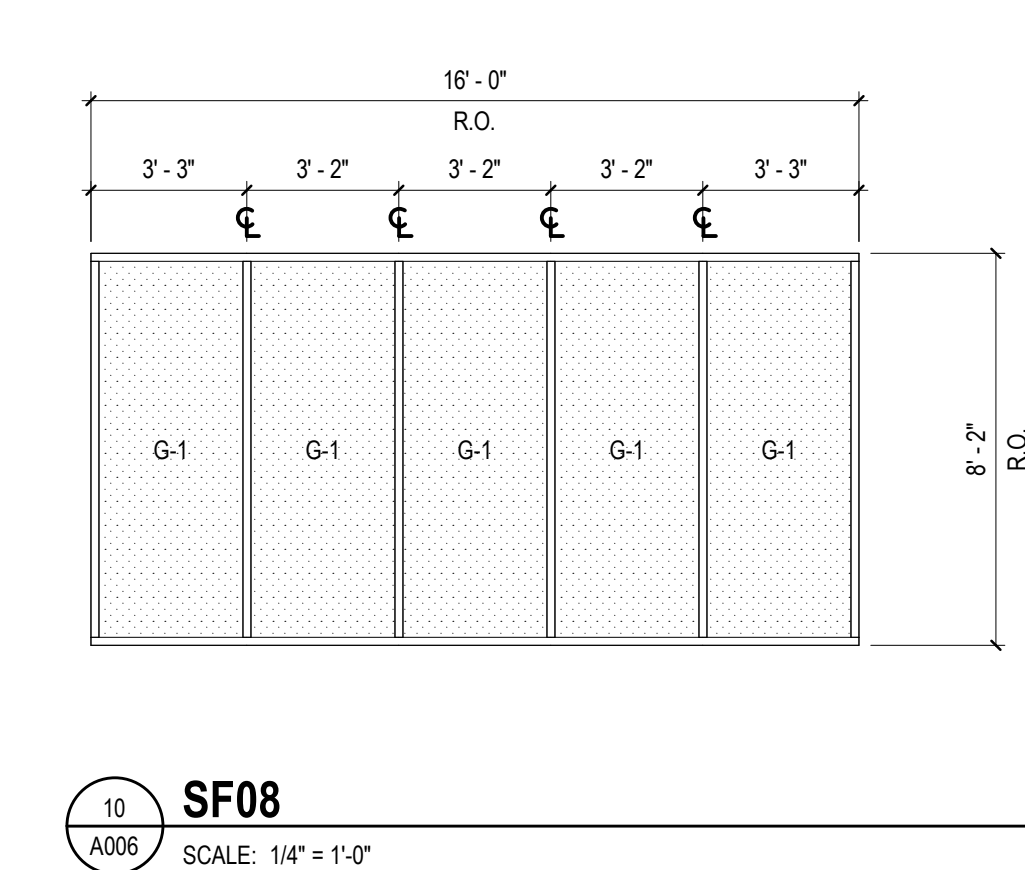
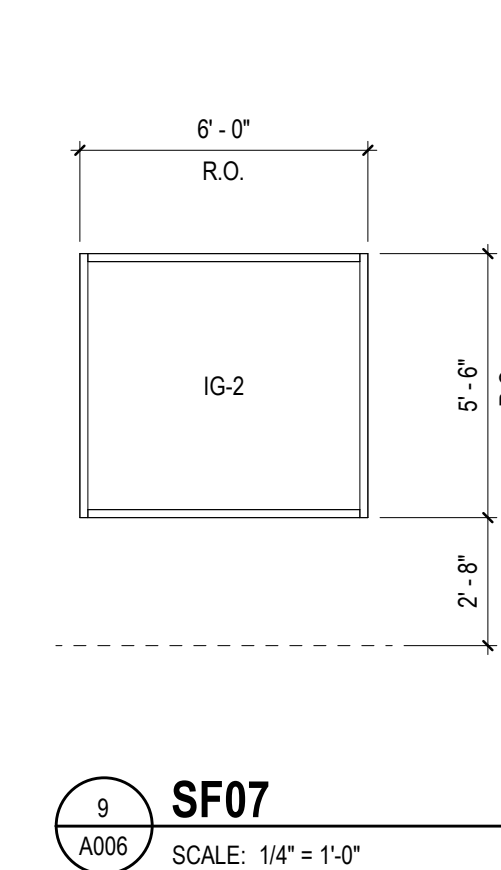
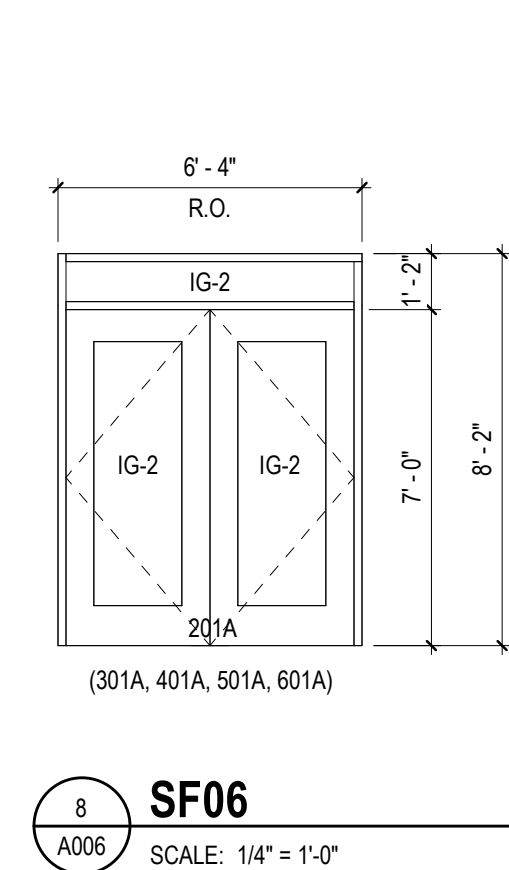
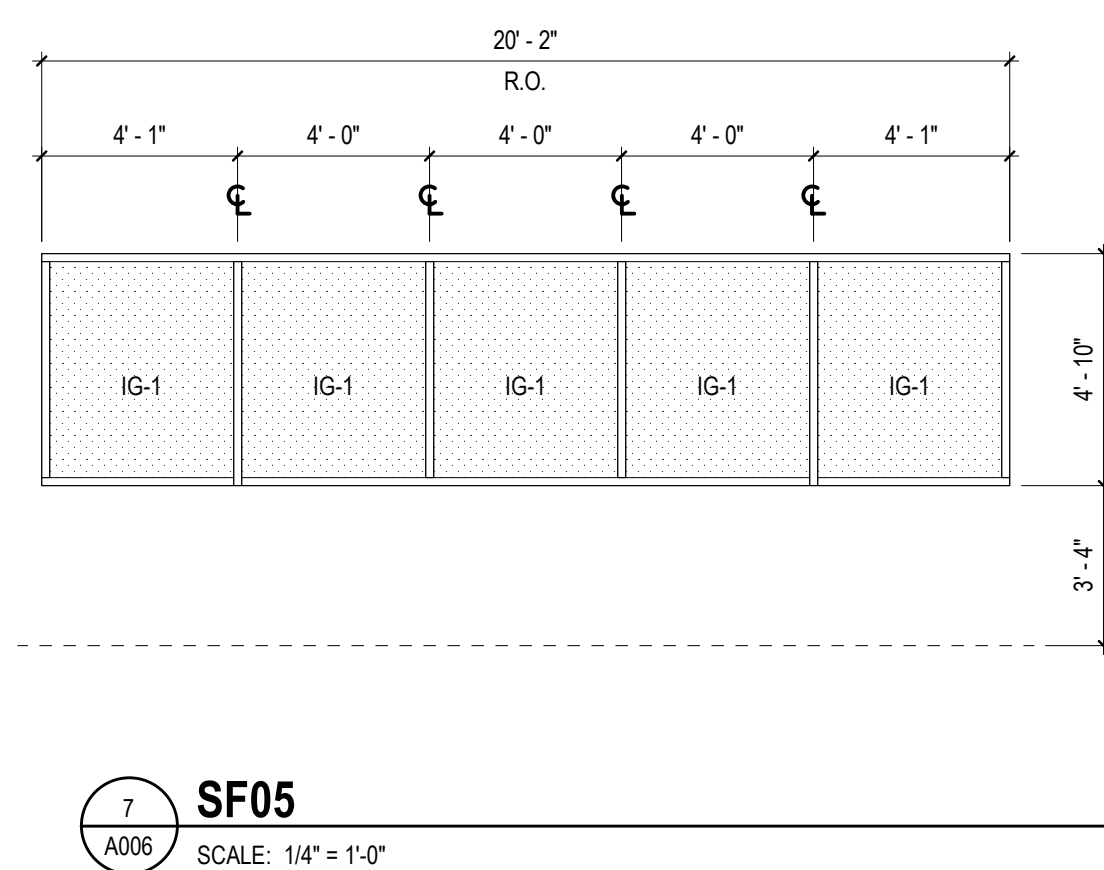
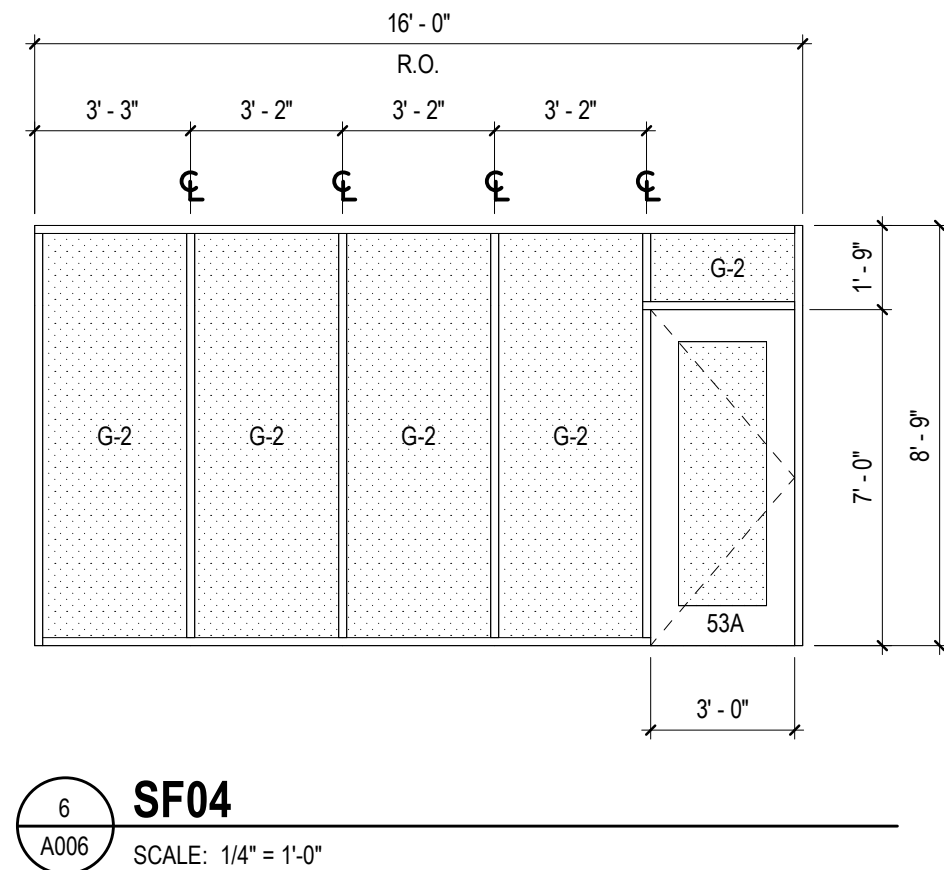
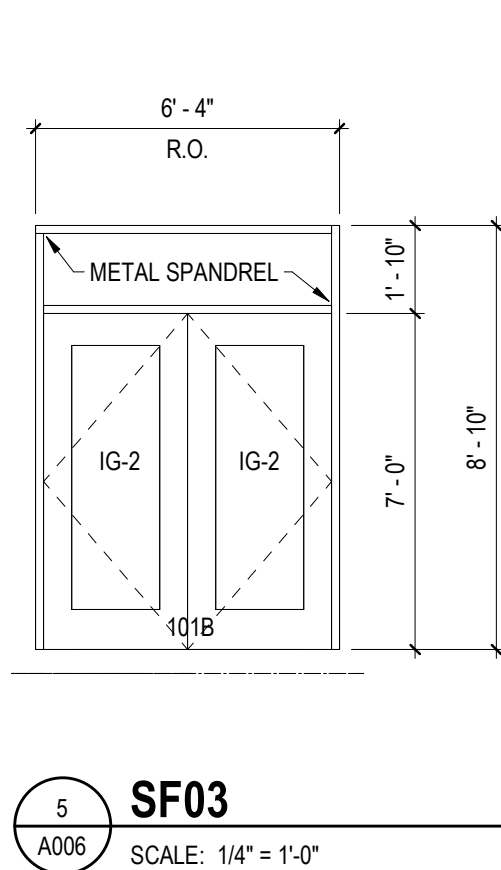
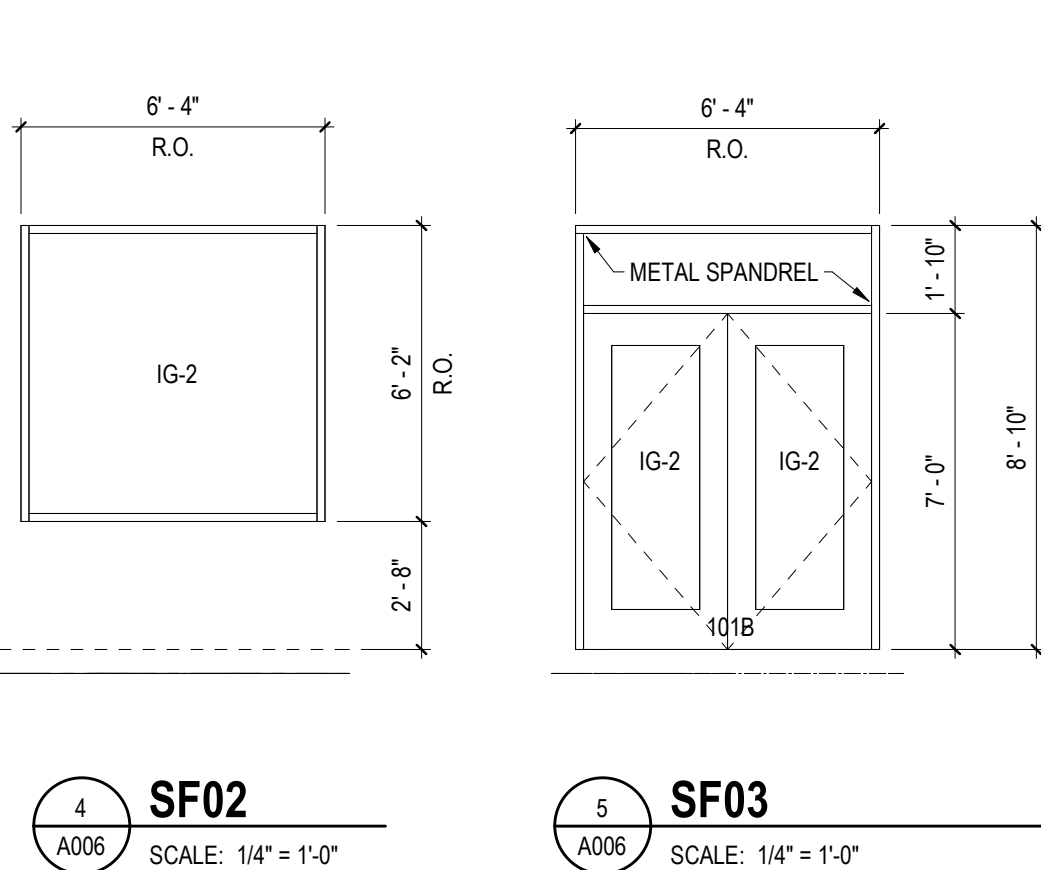
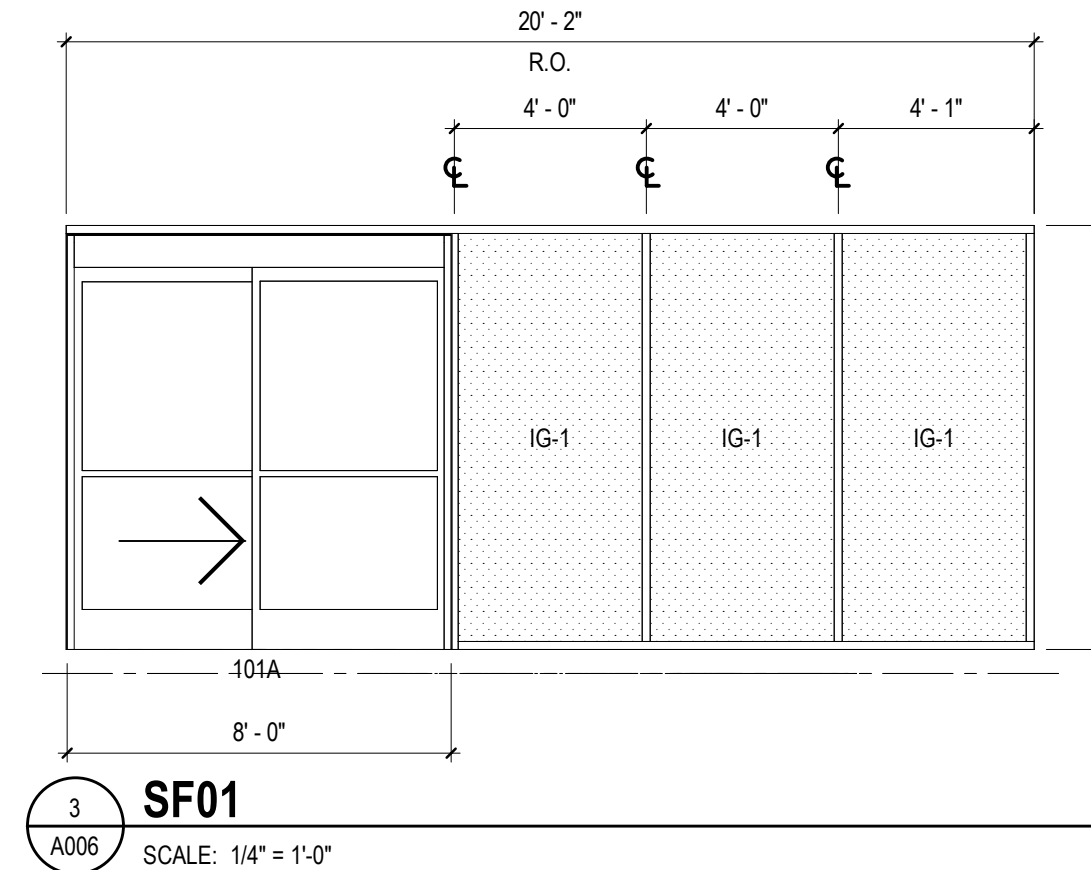
2 EXTERIOR WALL TYPES

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

DOOR/FRAME/HARDWARE SCHEDULE - SWING																
NUMBER	QTY	LEAF					FRAME				DETAILS			FIRE RATING	HARDWARE SET	
		LEAF A TYPE	LEAF A WIDTH	LEAF B TYPE	LEAF B WIDTH	HEIGHT	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB			SILL
53A	1	FG1	3'-0"			7'-0"	AL	CLR. ANO.	FR01	AL	CLR. ANO.	9/A801	5/A801, 8/A801	10/A801		14
53B	1	FG1	3'-0"			7'-0"	HM	PT-1	FR00	HM	PT-1	2/A805	13/A801	7/A803		07
101B	2	FG1	3'-0"	FG1	3'-0"	7'-0"	AL	CLR. ANO.	FR01	AL	CLR. ANO.	9/A801	5/A801	10/A801		09
102A	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	3/A801	7/A804		06
103A	1	F	3'-0"			7'-0"	HM	PT-1	FR00	HM	PT-1	2/A805	13/A801	7/A803		01
104A	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	14/A804	7/A804		06
105A	1	F	3'-0"			7'-0"	HM	PT-1	FR00	HM	PT-1	2/A805	13/A801	7/A804		02
106A	1	F	3'-0"			7'-0"	HM	PT-1	FR00	HM	PT-1	2/A805	13/A801	7/A804		02
201A	2	FG1	3'-0"	FG1	3'-0"	7'-0"	AL	CLR. ANO.	FR01	AL	CLR. ANO.	9/A801	5/A801	10/A801		08
202A	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	3/A801	7/A803		05
205A	1	F	3'-0"			7'-0"	HM	PT-1	FR00	HM	PT-1	2/A805	13/A801	7/A803		13
205B	2	FG1	3'-0"	FG1	3'-0"	7'-0"	HM	PT-1	FR00	HM	PT-1	2/A805	13/A801	7/A803		12
250A	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	14/A804	7/A803	120	03
250B	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	14/A804	7/A803	120	03
250C	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	14/A804	7/A803	120	02
250D	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	14/A804	7/A803	120	02
301A	2	FG1	3'-0"	FG1	3'-0"	7'-0"	AL	CLR. ANO.	FR01	AL	CLR. ANO.	9/A801	5/A801	10/A801		08
304A	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	3/A801	7/A803		05
305A	1	F	3'-0"			7'-0"	HM	PT-1	FR00	HM	PT-1	2/A805	13/A801	7/A803		11
401A	2	FG1	3'-0"	FG1	3'-0"	7'-0"	AL	CLR. ANO.	FR01	AL	CLR. ANO.	9/A801	5/A801	10/A801		08
402A	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	3/A801	7/A803		05
501A	2	FG1	3'-0"	FG1	3'-0"	7'-0"	AL	CLR. ANO.	FR01	AL	CLR. ANO.	9/A801	5/A801	10/A801		08
502A	1	F	3'-0"			7'-0"	HM	PT-1	FR01	HM	PT-1	6/A803	3/A801	7/A803		05
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502A	1	F	3'-0"			7'-0"	HM	PT-1	FR00	HM	PT-1	16/A801	3/A801	7/A803		04
G106A	2	FG1	3'-0"	FG1	3'-0"	7'-0"	AL	CLR. ANO.	FR01	AL	CLR. ANO.	9/A801	8/A801	10/A801		10

DOOR/HARDWARE SCHEDULE - AUTOMATIC SLIDING													
NUMBER	UNIT WIDTH	PANELS					FRAME		DETAILS			FIRE RATING	HARDWARE SET
		TYPES	WIDTHS	HEIGHT	MATERIAL	FINISH	MATERIAL	FINISH	HEAD	JAMB	SILL		
101A	8'-0"	SK-SO	3'-11 1/2"	7'-0"	AL	CLR. ANO.	AL	CLR. ANO.					

GLAZING SCHEDULE	
SYSTEM / COMPONENT	FINISH / COLOR
IG-1 DOORS & WINDOWS	
IGU-1	1" INSULATED GLASS, LIGHT GREY TINT, BIRD SAFE PATTERN
IGU-2	1" INSULATED GLASS, LIGHT GREY TINT, TEMPERED FOR HAZARDOUS LOCATIONS, BIRD SAFE PATTERN
G-1	1/4" GLASS, LIGHT GREY TINT, BIRD SAFE PATTERN
G-2	1/4" GLASS, LIGHT GREY TINT, TEMPERED FOR HAZARDOUS LOCATIONS, BIRD SAFE PATTERN

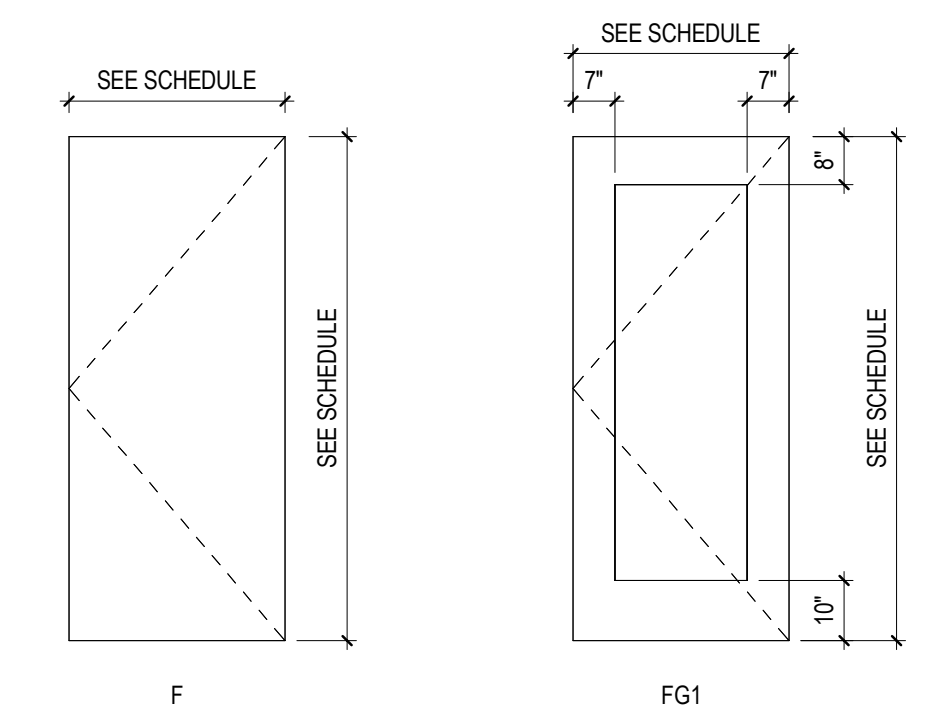


DOOR/FRAME/HARDWARE SCHEDULE GENERAL NOTES

- 1 DEVICE ABBREVIATION IN SCHEDULE ARE KEYED TO SPECIFICATION SECTIONS 08 41 13 OR 08 70 00.
- 2 FIRE RATING IS FOR DOOR & FRAME ASSEMBLY AND HARDWARE.
- 3 SEE SPECIFICATION SECTION 08 80 00 FOR GLASS TYPES.
- 4 REFER TO FLOOR PLAN FOR DIRECTION OF DOOR SWINGS AND ORIENTATION OF SIDELIGHTS.
- 5 PT-1: SHERWIN WILLIAMS GREY-ISH BLUE
- 6 FRAME TYPE FR01 REFERS TO DOORS LOCATED IN STOREFRONT SYSTEMS. SEE STOREFRONT ELEVATIONS FOR FRAME CONFIGURATIONS.

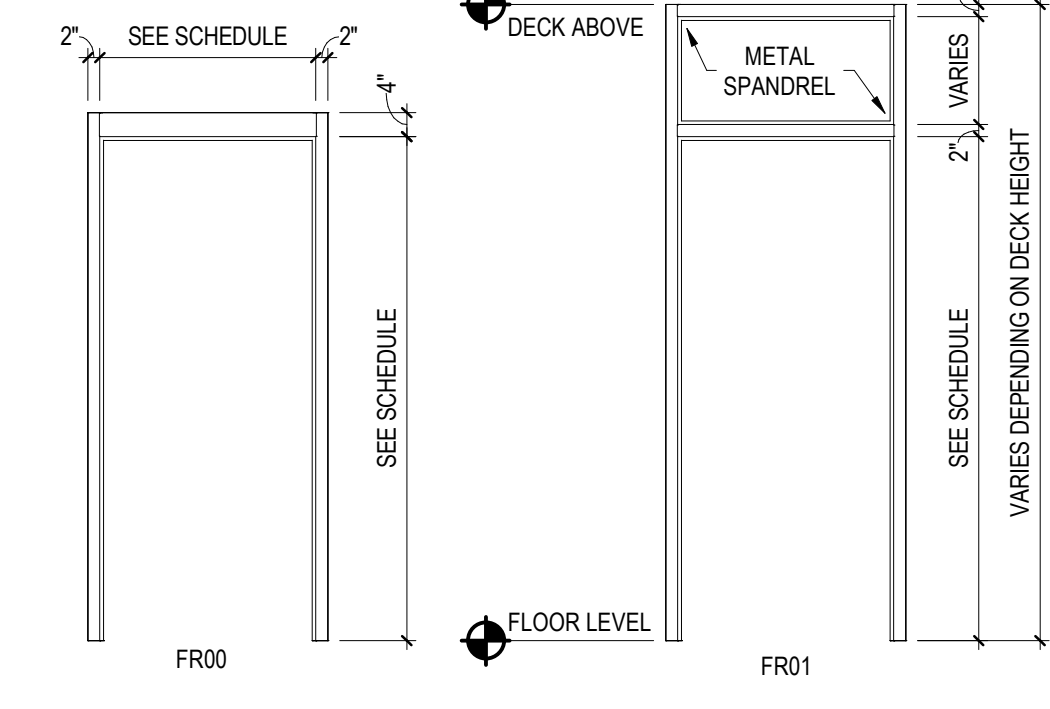
DOOR/FRAME/HARDWARE SCHEDULE LEGEND

- AL ALUMINUM
- CR CARD ACCESS
- DPS DOOR POSITION SWITCH
- GH GLASS TYPE NUMBER, SEE SPEC.
- HDW HARDWARE
- HM HOLLOW METAL
- PDO POWER DOOR OPERATOR
- PT PAINT
- SCW SOLID CORE WOOD
- SS STAINLESS STEEL
- TRANS TRANSPARENT



DOOR TYPES

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



FRAME TYPES

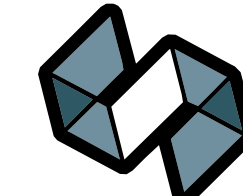
SCALE: 3/8" = 1'-0"

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ISSUE:

07/28/2023

BID DOCUMENTS

PROJECT INFORMATION:

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CHECKED BY: WAS

APPROVED BY: PT

SCALE: AS NOTED

SHEET TITLE:

DOOR, FRAME & HARDWARE
SCHEDULE & STOREFRONT
ELEVATIONS

SHEET NUMBER:

A006

Autodesk Docs://20225013.00 - Village on Park Garage/20225013.00_A.nt
7/21/2023 11:45:20 AM

PN
1
A050
SCALE: NTS
SITE PLAN

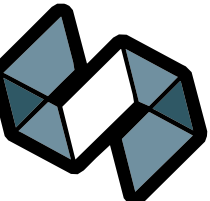


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APPROVED BY: PT

SCALE: AS NOTED

SHEET TITLE:

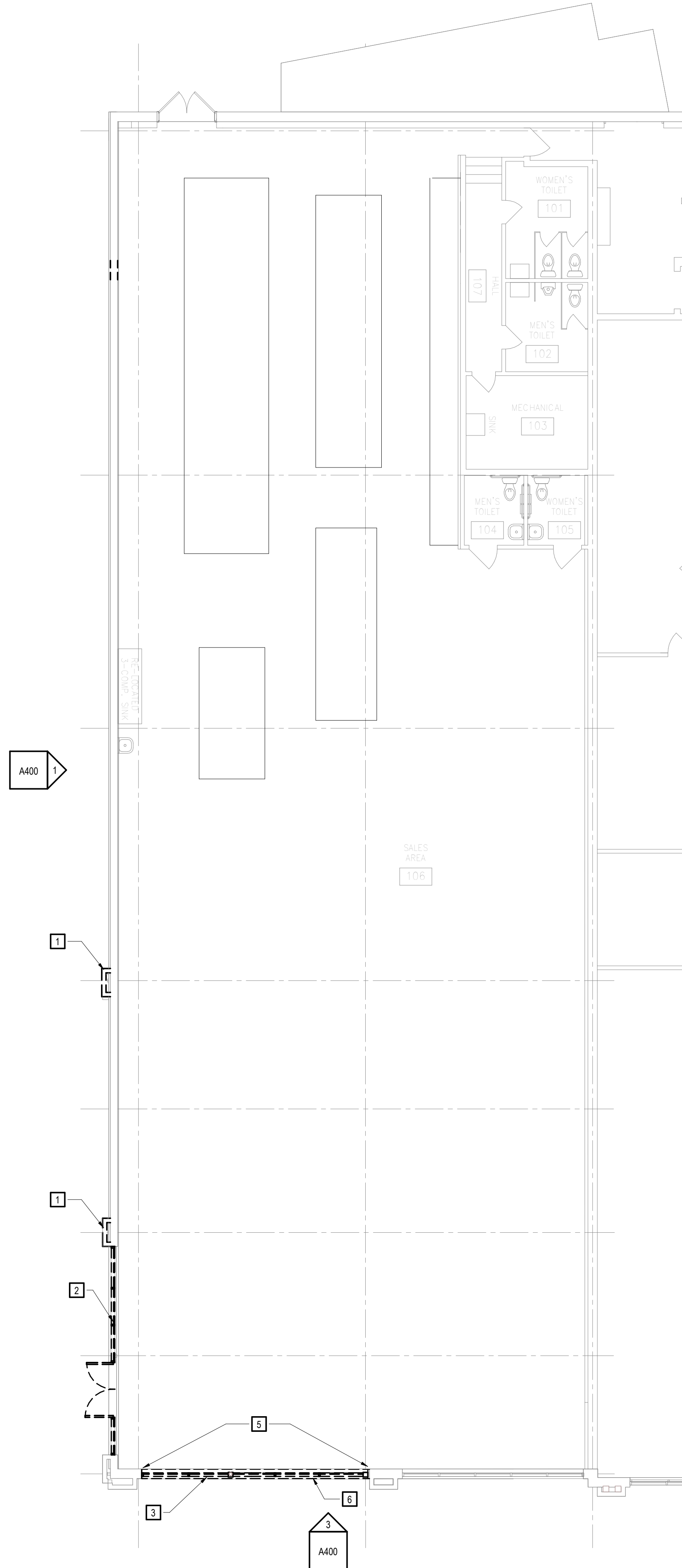
ARCHITECTURAL SITE PLAN

SHEET NUMBER:

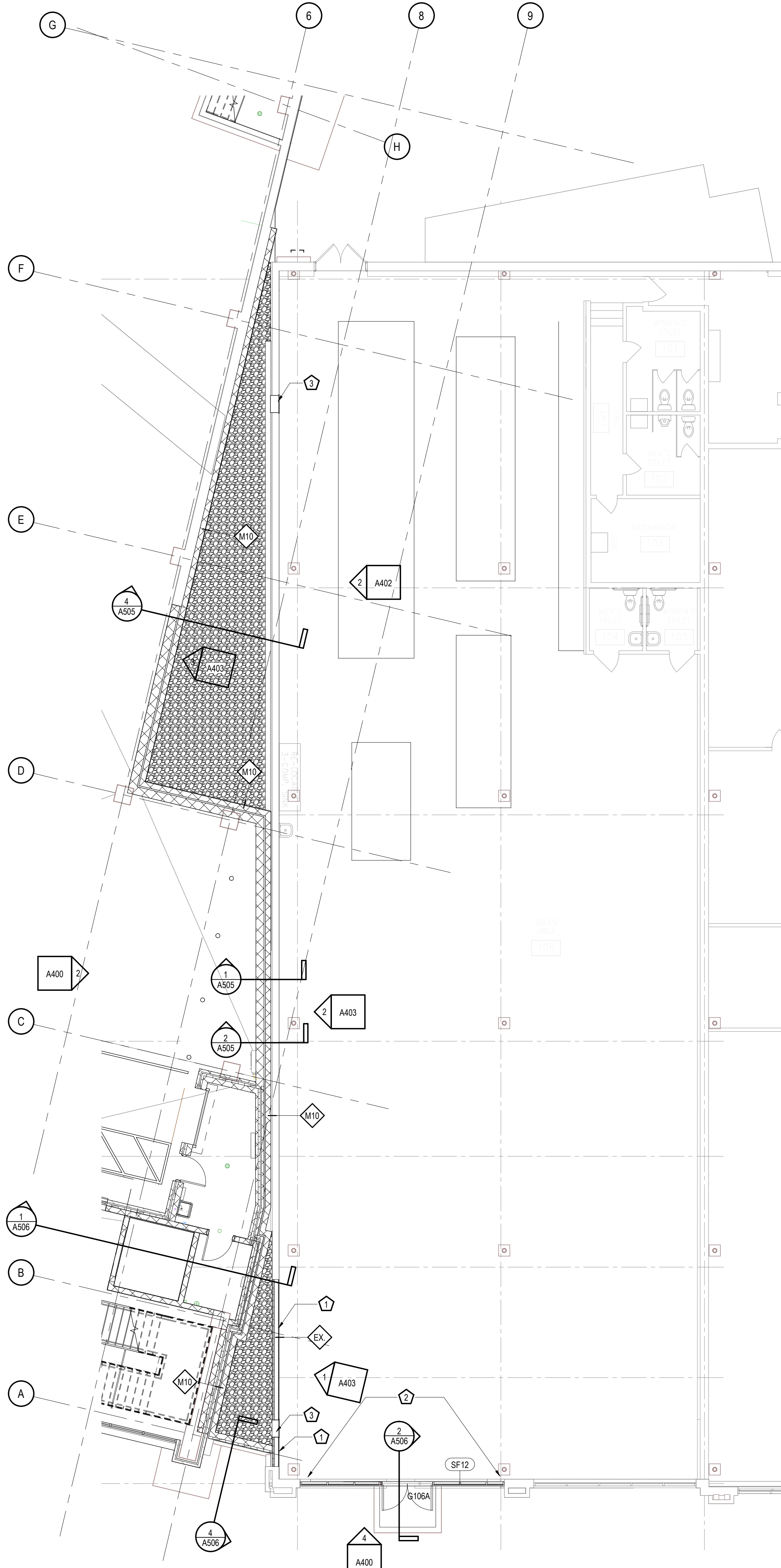
A050

Autodesk Docs://20225013.00 - Village on Park Garage/20225013.00_A.nt
7/21/2023 11:45:20 AM

1
A200
GROCERY STORE - DEMOLITION PLAN
SCALE: 1/8" = 1'-0"
0' 8' 16' 32'



2
A200
GROCERY STORE - PROPOSED FLOOR PLAN
SCALE: 1/8" = 1'-0"
0' 8' 16' 32'



GENERAL DEMOLITION NOTES

1. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING. COORDINATE DISRUPTIONS IN SERVICE WITH OWNER.
2. PROTECT IN PLACE DURING ENTIRE CONSTRUCTION PROCESS. ALL FLOORING, SURFACES AND ITEMS TO REMAIN.
3. COORDINATE THE AVAILABILITY OF AREAS REQUIRING DEMOLITION WITH OWNER. SEQUENCE WORK ACCORDINGLY AND COORDINATE WITH ALL TRADES.
4. EXISTING CONSTRUCTION TO REMAIN IS SHOWN SCREENED. CONSTRUCTION AND EQUIPMENT TO BE REMOVED IS SHOWN WITH DASHED LINES.
5. PATCH, PREPARE, REPAIR AND / OR RESTORE SURFACES SCHEDULED TO REMAIN INTACT THAT ARE DAMAGED AS A RESULT OF DEMOLITION WORK.
6. VISIT THE SITE PRIOR TO SUBMITTING A BID TO BECOME FAMILIAR WITH EXISTING CONDITIONS.
7. DEMOLITION PLANS ARE NOT NECESSARILY INCLUSIVE OF ALL ITEMS NEEDING REMOVAL. COORDINATE WITH ALL OTHER DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS.
8. COORDINATE DEMOLITION DIMENSIONS ON THIS PLAN WITH OTHER DRAWINGS AND EXISTING CONDITIONS.
9. REFER TO HVAC, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL DEMOLITION AND MODIFICATIONS REQUIRED FOR HVAC, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEMS.

SPECIFIC DEMOLITION NOTES

1. REMOVE AND DISPOSE OF BRICK VENEER AT DECORATIVE COLUMN WRAP.
2. DEMOLISH EXISTING STOREFRONT ENTRY. PREP OPENING FOR WALL INFILL.
3. DEMOLISH ALL PROTRUDING EXTERIOR WALL AND FACADE ELEMENTS AS REQUIRED FOR NEW CONSTRUCTION.
4. DEMOLISH WALL PARAPET TO EXTENT SHOWN. PROTECT FROM WEATHER DURING CONSTRUCTION.
5. REMOVE AND DISPOSE OF CONC. FOUNDATION WALL TO EXTENTS SHOWN. DEMOLISH FOUNDATION WALL 8" BELOW FINISH FLOOR ELEVATION.
6. DEMOLISH EXISTING STOREFRONT ENTRY. PREP OPENING FOR NEW STOREFRONT SYSTEM.

SPECIFIC NOTES - GROCERY

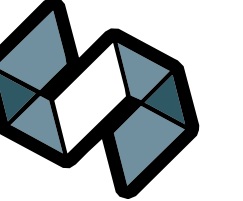
1. PATCH AND POLISH CONCRETE TO MATCH EXISTING FLOOR FINISH.
2. INFILL WALL OPENING WITH WALL CONSTRUCTION TO MATCH EXISTING WALL TYPE.
3. NEW ACCESS PANEL.

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CONSULTANTS:



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MADISON, WI | WAUKESHA, WI

CLIENT:

Community Development Authority of
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Madison Municipal Building
215 Martin Luther King Jr Blvd
Suite 161
Madison, WI 53703

PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023

BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: AJH

CHECKED BY: WAS

APPROVED BY: PT

SCALE: AS NOTED

SHEET TITLE:

GROCERY STORE - DEMOLITION &
PROPOSED PLAN

SHEET NUMBER:

A200



PN 1
A201
LEVEL ONE PLAN
SCALE: 1/8" = 1'-0"

LEVEL ONE = 38 PARKING STALLS

GENERAL FLOOR PLAN NOTES

- ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CAREFULLY STUDY AND COMPARE ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF WORK. PROMPTLY REPORT INCONSISTENCIES IN THE DRAWINGS TO THE ARCHITECT FOR CLARIFICATION.
- DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. VERIFY ALL CONDITIONS AND DIMENSIONS AT THE PROJECT SITE PRIOR TO THE START OF CONSTRUCTION. ANY INCONSISTENCIES DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED PROMPTLY TO THE ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK. DIMENSIONS ARE GIVEN FROM FACE TO FACE OF WALLS. SEE WALL SECTIONS AND PARTITION TYPES FOR EXACT CONSTRUCTION DETAILS.
- WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED FROM DOCUMENTS CONSULT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- PATCH, PREPARE AND / OR RESTORE WORK SCHEDULED TO REMAIN THAT IS DAMAGED AS A RESULT OF DEMOLITION WORK. RESTORATION AND PATCHING WORK SHALL BE DONE IN A MANNER THAT MAINTAINS FIRE RATING OF RATED BUILDING COMPONENTS.
- PROTECT WORK IN PLACE DURING CONSTRUCTION
- COORDINATE THE AVAILABILITY OF AREAS REQUIRING WORK WITH THE OWNER.
- REFER TO HVAC, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL WORK AND MODIFICATIONS REQUIRED FOR HVAC, ELECTRICAL, PLUMBING AND FIRE PROTECTION SYSTEMS.
- MINIMUM 7'-0" CLEAR FOR HEADROOM. ALL AREAS LOWER NEED TO BE PROTECTED.
- MINIMUM 8'-2" CLEAR HEADROOM FOR VAN ACCESSIBLE PARKING STALL, AISLE, AND ROUTE TO THE EXTERIOR OF THE BUILDING.

SPECIFIC FLOOR PLAN NOTES

- 6" DIA. / 48" TALL BOLLARD. REFER TO DETAIL B6/S501
- PAY-ON-FOOT MACHINE - OFCI
- CABLE RAILING VEHICLE BARRIER - SEE STRUCTURAL
- PAINT H4 DOORS AND FRAMES PF-2, BOTH SIDES.
- AUTO GATE (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- REVENUE CONTROL SYSTEM (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- SNOW CHUTE 3'-0"x3'-0" ACCESS PANEL
- PROVIDE 3" UNDER SLAB INSULATION AROUND THE PERIMETER OF SEMI-HEATED SPACE
- PROVIDE 3" SPRAY-ON INSULATION TO COVER ETIRETY OF CEILING AND PROTRUDING STRUCTURE MEMBERS
- SURFACE MOUNTED FEC
- BRACKET MOUNTED FEC
- ELECTRIC VEHICLE CHARGING STATION - OFCI
- FUTURE ELECTRIC VEHICLE CHARGING STATION
- CLEARANCE BAR - SEE SHEET A604
- PROVIDE ARCHITECTURAL GUARDRAIL TO MATCH CABLE RAILING VEHICLE BARRIER
- LOCKABLE ACCESS PANEL 2' X 2' PANEL, 28" ABOVE FINISH FLOOR
- 6" DIA. / 48" TALL BOLLARD. REFER TO DETAIL A3/S522

PARKING COUNT PER LEVEL

STALL TYPE	COUNT
ACCESSIBLE (8'-0" X 17'-0")	3
ACCESSIBLE VAN (8'-0" X 18'-0")	2
COMPACT (8'-9" X 16'-0")	18
STANDARD (8'-9" X 17'-0")	237
EV CHARGING STALL (8'-9" X 17'-0")	6
EV CHARGING STALL (ACCE.)	2
FUTURE EV CHARGING STALL	26
FUTURE EV CHARGING STALL (ACCE.)	2

NOT INCLUDED

MOTORCYCLE/MOPED (5'-0" X 10'-0")	6
BICYCLE	20

BUILDING TOTAL

PARKING COUNT PER LEVEL

STALL TYPE	COUNT
THIRD LEVEL PARKING	
ACCESSIBLE (8'-0" X 17'-0")	1
COMPACT (8'-9" X 16'-0")	3
STANDARD (8'-9" X 17'-0")	39
FUTURE EV CHARGING STALL	5
FUTURE EV CHARGING STALL (ACCE.)	1
THIRD LEVEL TOTAL	49

NOT INCLUDED

MOTORCYCLE/MOPED (5'-0" X 10'-0")	6
BICYCLE	20

FIRST LEVEL TOTAL

NOT INCLUDED

MOTORCYCLE/MOPED (5'-0" X 10'-0")	6
BICYCLE	20

FORTH LEVEL TOTAL

NOT INCLUDED

MOTORCYCLE/MOPED (5'-0" X 10'-0")	6
BICYCLE	20

FIFTH LEVEL TOTAL

NOT INCLUDED

MOTORCYCLE/MOPED (5'-0" X 10'-0")	6
BICYCLE	20

SIXTH LEVEL TOTAL

NOT INCLUDED

MOTORCYCLE/MOPED (5'-0" X 10'-0")	6
BICYCLE	20

SEVENTH LEVEL TOTAL

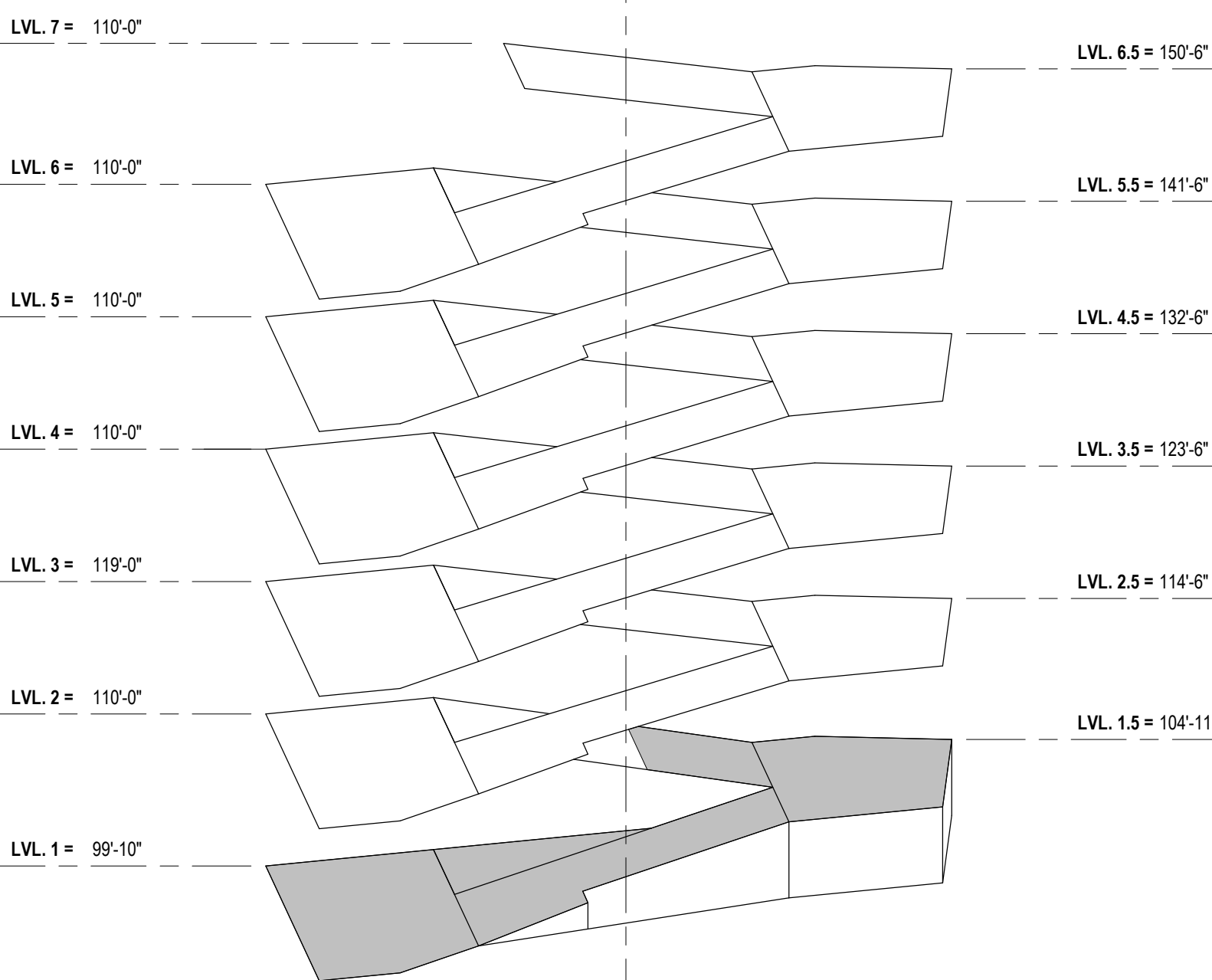
NOT INCLUDED

MOTORCYCLE/MOPED (5'-0" X 10'-0")	6
BICYCLE	20

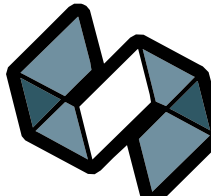
SIXTH+ LEVEL TOTAL

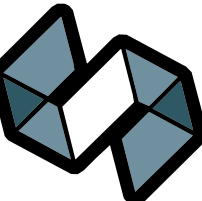
NOT INCLUDED

MOTORCYCLE/MOPED (5'-0" X 10'-0")	6
BICYCLE	20



PN 2
A201
ISOMETRIC KEY PLAN - LEVEL 1
SCALE: 1" = 40'-0"





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SCALE: AS NOTED

LEVEL TWO PLAN

A202

GENERAL FLOOR PLAN NOTES

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- MINIMUM 8'-0" CLEAR HEADROOM FOR VAN ACCESSIBLE PARKING STALL, AISLE, AND ROUTE TO THE EXTERIOR OF THE BUILDING.

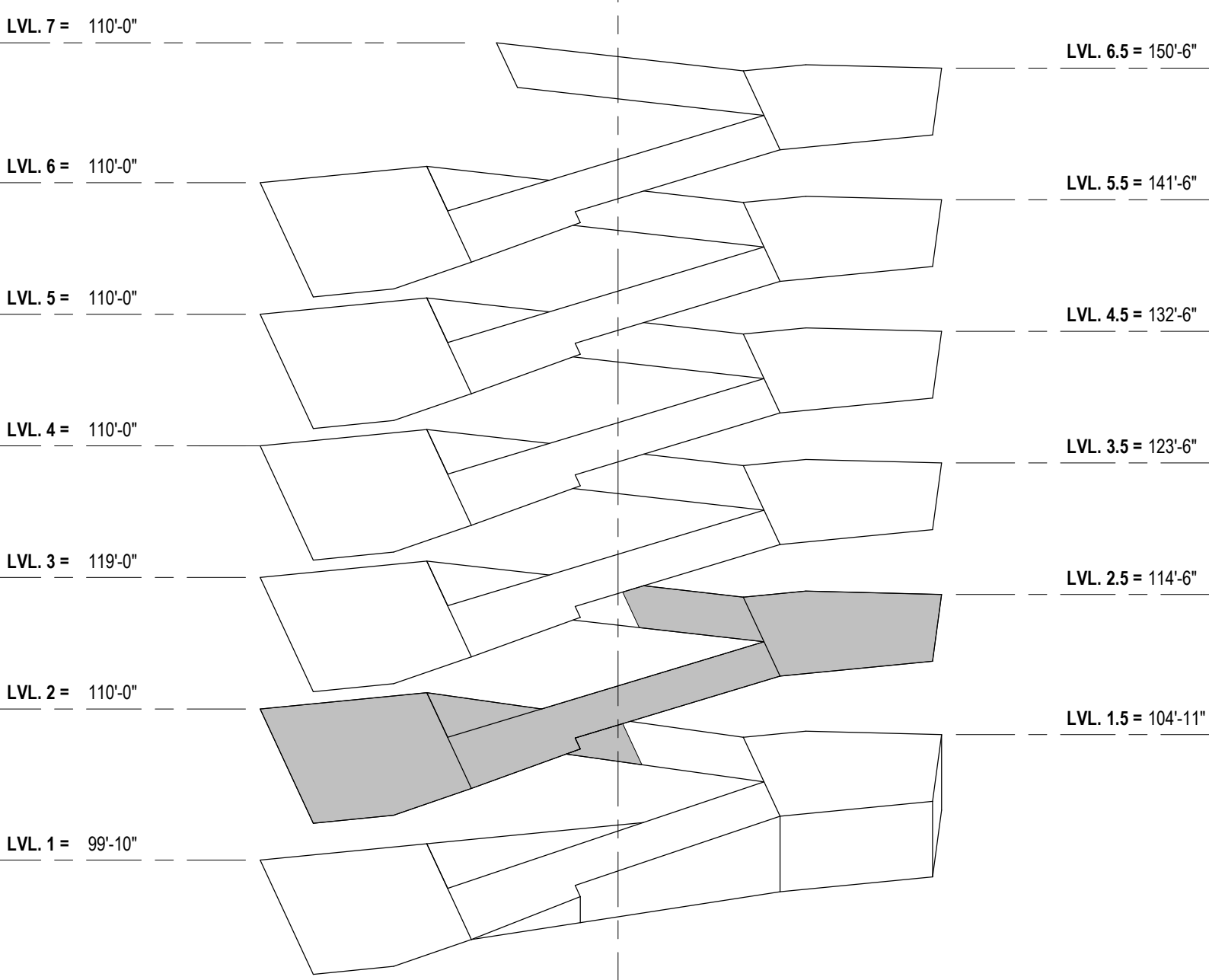
SPECIFIC FLOOR PLAN NOTES

- 6" DIA / 48" TALL BOLLARD. REFER TO DETAIL B6/S501
- PAY-ON-FOOT MACHINE - OFCI
- CABLE RAILING VEHICLE BARRIER - SEE STRUCTURAL
- PAINT HM DOORS AND FRAMES PT-2, BOTH SIDES.
- AUTO GATE (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- REVENUE CONTROL SYSTEM (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- SHOW WHITE 3" X 2'-0" ACCESS PANEL
- PROVIDE 3" UNDER SLAB INSULATION AROUND THE PERIMETER OF SEMI-HEATED SPACE
- PROVIDE 3" SPRAY-ON INSULATION TO COVER ENTIRETY OF CEILING AND PROTRUDING STRUCTURE MEMBERS
- SURFACE MOUNTED FEC
- BRACKET MOUNTED FEC
- ELECTRIC VEHICLE CHARGING STATION - OFCI
- FUTURE ELECTRIC VEHICLE CHARGING STATION
- CLEARANCE BAR - SEE SHEET A604
- PROVIDE ARCHITECTURAL GUARDRAIL TO MATCH CABLE RAILING VEHICLE BARRIER
- LOCKABLE ACCESS PANEL 2' X 2' PANEL, 28" ABOVE FINISH FLOOR
- 6" DIA / 48" TALL BOLLARD. REFER TO DETAIL A3/S522

* ENTRANCE GATE LAYOUT IS FOR FUTURE PLANNING PURPOSES - NOT FOR CONSTRUCTION

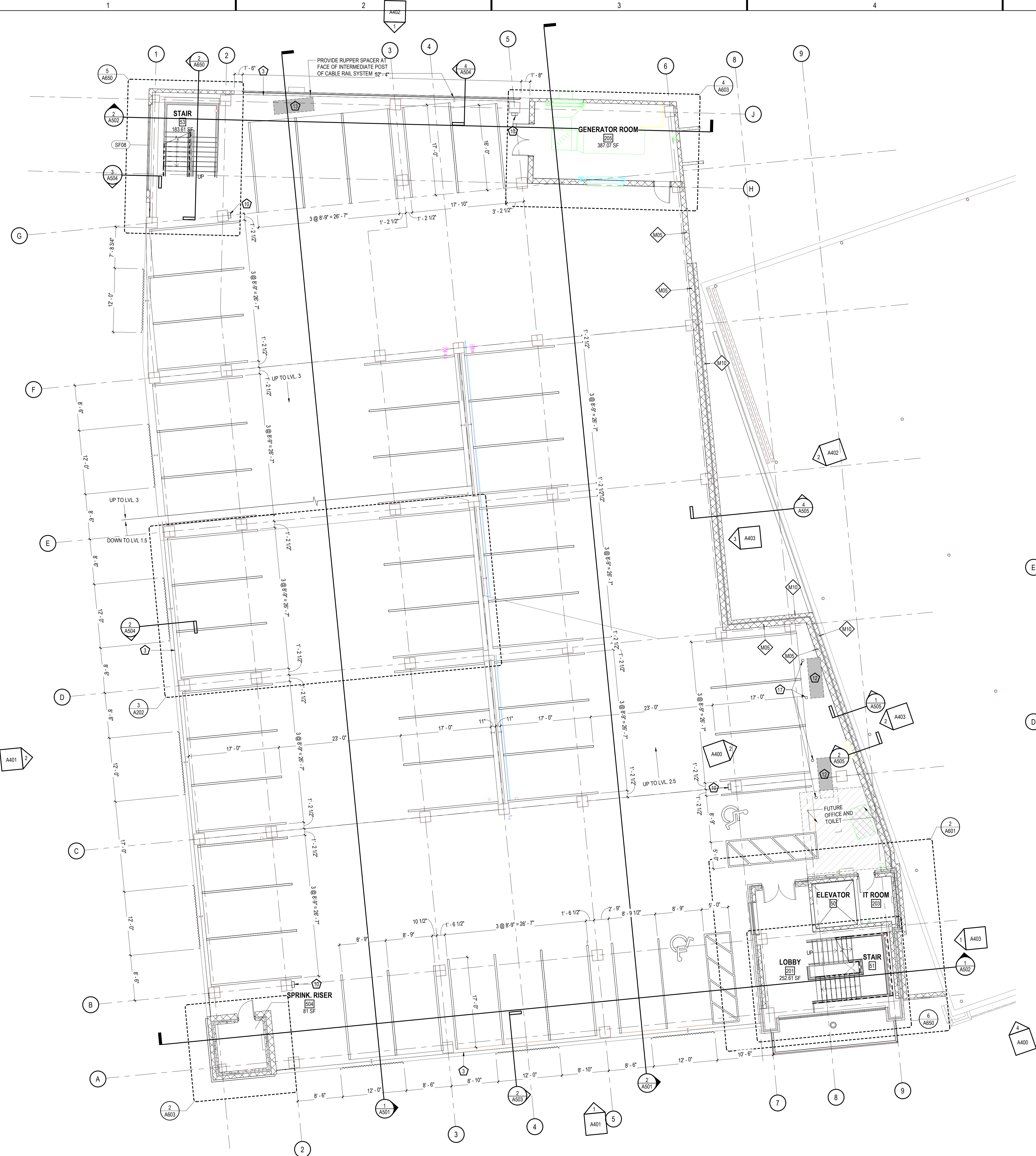
FUTURE GATE - LEVEL 2

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



ISOMETRIC KEY PLAN - LEVEL 2

SCALE: 1" = 40'-0"

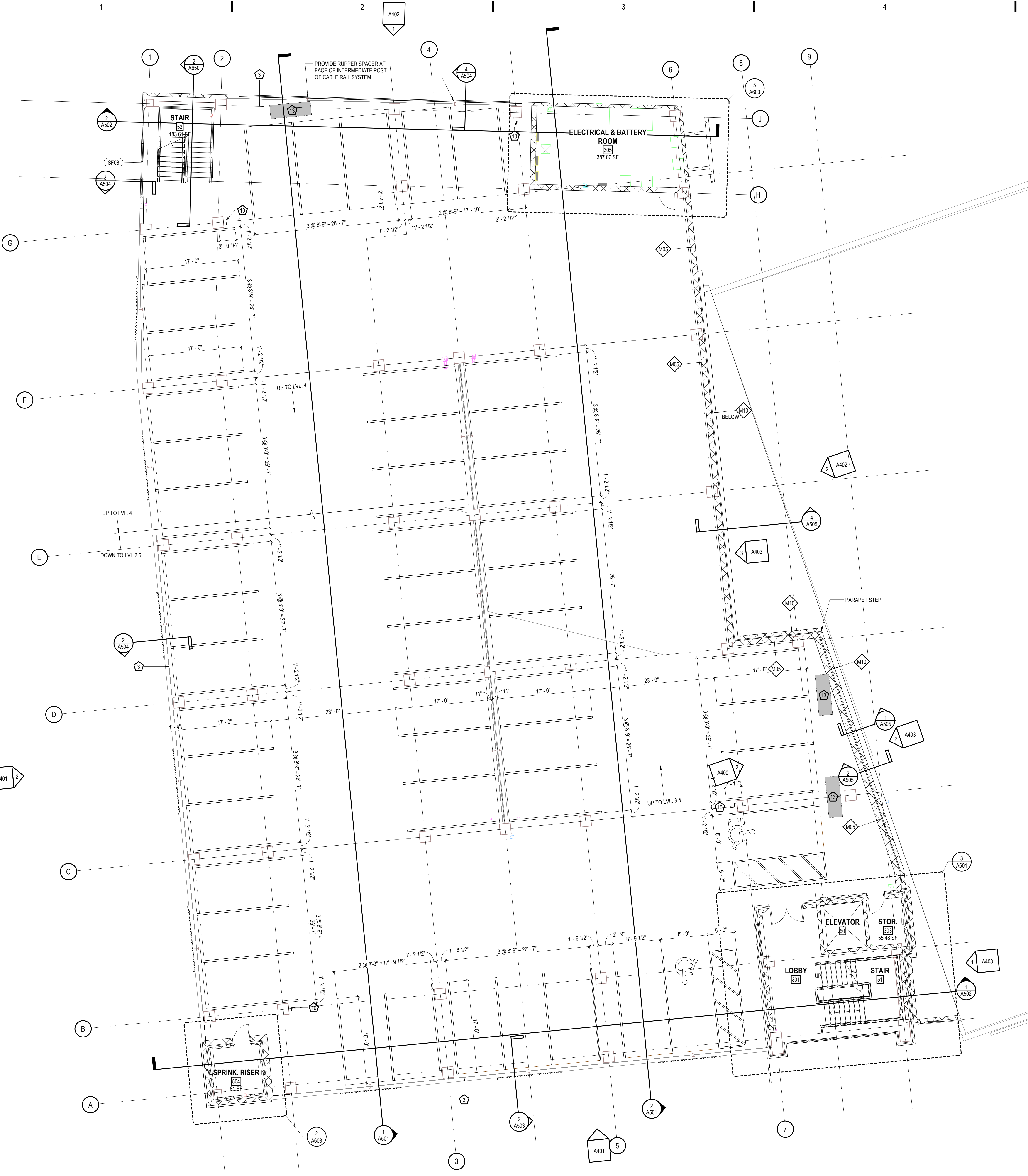


LEVEL TWO PLAN

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

LEVEL TWO = 49 PARKING STALLS

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LEVEL THREE PLAN
SCALE: 1/8" = 1'-0"

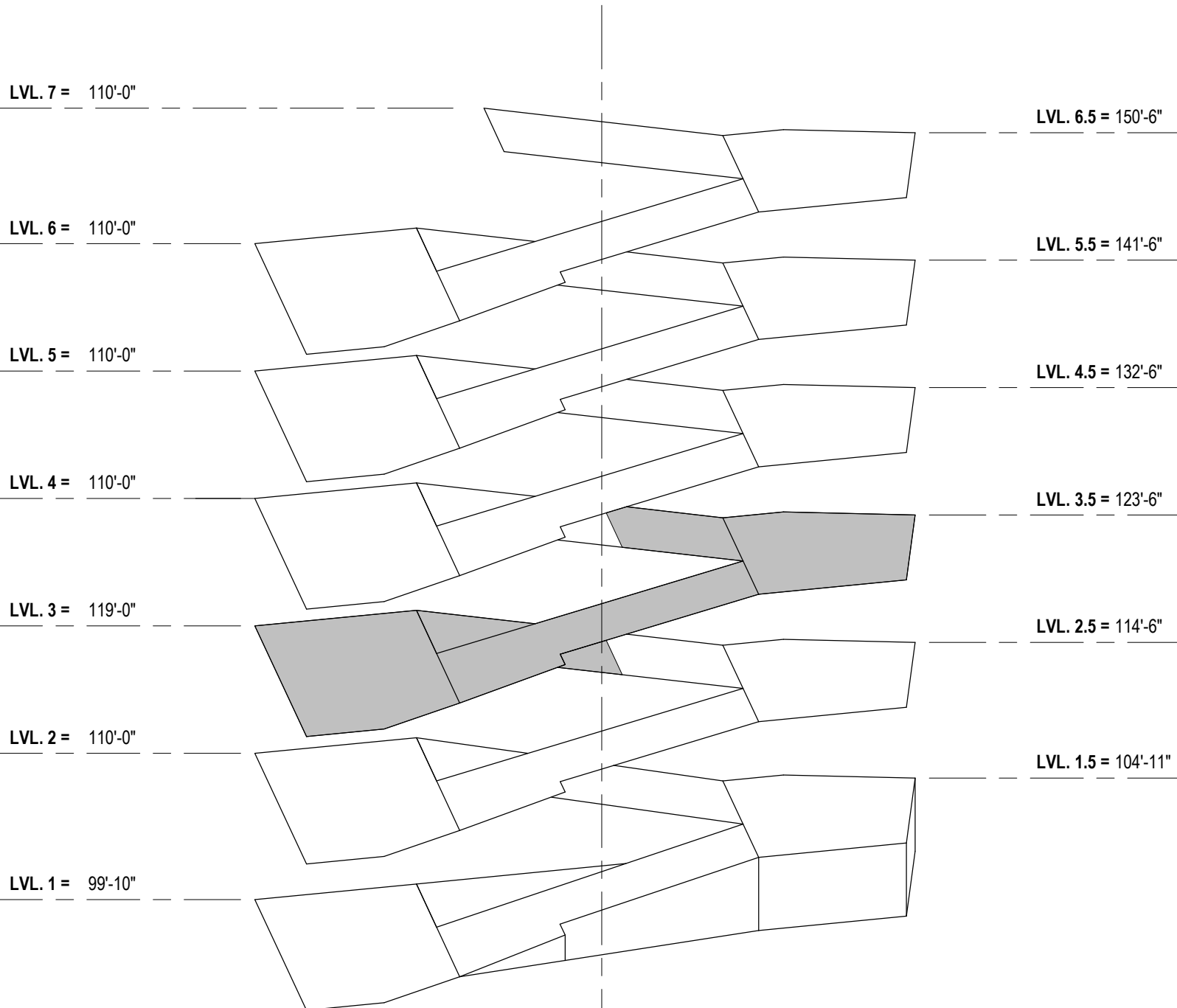
LEVEL THREE = 49 PARKING STALLS

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SPECIFIC FLOOR PLAN NOTES

- 6" DIA / 48" TALL BOLLARD. REFER TO DETAIL B6/S501
- PAY ON FOOT MACHINE - OFCI
- CABLE RAILING VEHICLE BARRIER - SEE STRUCTURAL
- PAINT HM DOORS AND FRAMES PT-2, BOTH SIDES.
- AUTO GATE (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- REVENUE CONTROL SYSTEM (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- SHOW CHUTE. 3'-0"x4'-0" ACCESS PANEL
- PROVIDE 3" UNDER SLAB INSULATION AROUND THE PERIMETER OF SEMI-HEATED SPACE
- PROVIDE 3" SPRAY ON INSULATION TO COVER ENTIRETY OF CEILING AND PROTRUDING STRUCTURE MEMBERS
- SURFACE MOUNTED FEC
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- FUTURE ELECTRIC VEHICLE CHARGING STATION
- CLEARANCE BAR - SEE SHEET A604
- PROVIDE ARCHITECTURAL GUARDRAIL TO MATCH CABLE RAILING VEHICLE BARRIER
- LOCKABLE ACCESS PANEL. 2' X 2' PANEL, 28" ABOVE FINISH FLOOR
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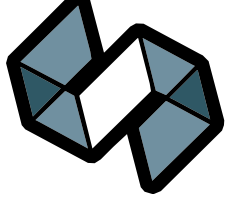
ISOMETRIC KEY PLAN - LEVEL 3
SCALE: 1" = 40'-0"

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CONSULTANTS:



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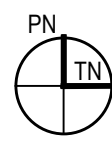
SHEET TITLE:

LEVEL THREE PLAN

SHEET NUMBER:

A203

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LEVEL FOUR PLAN

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

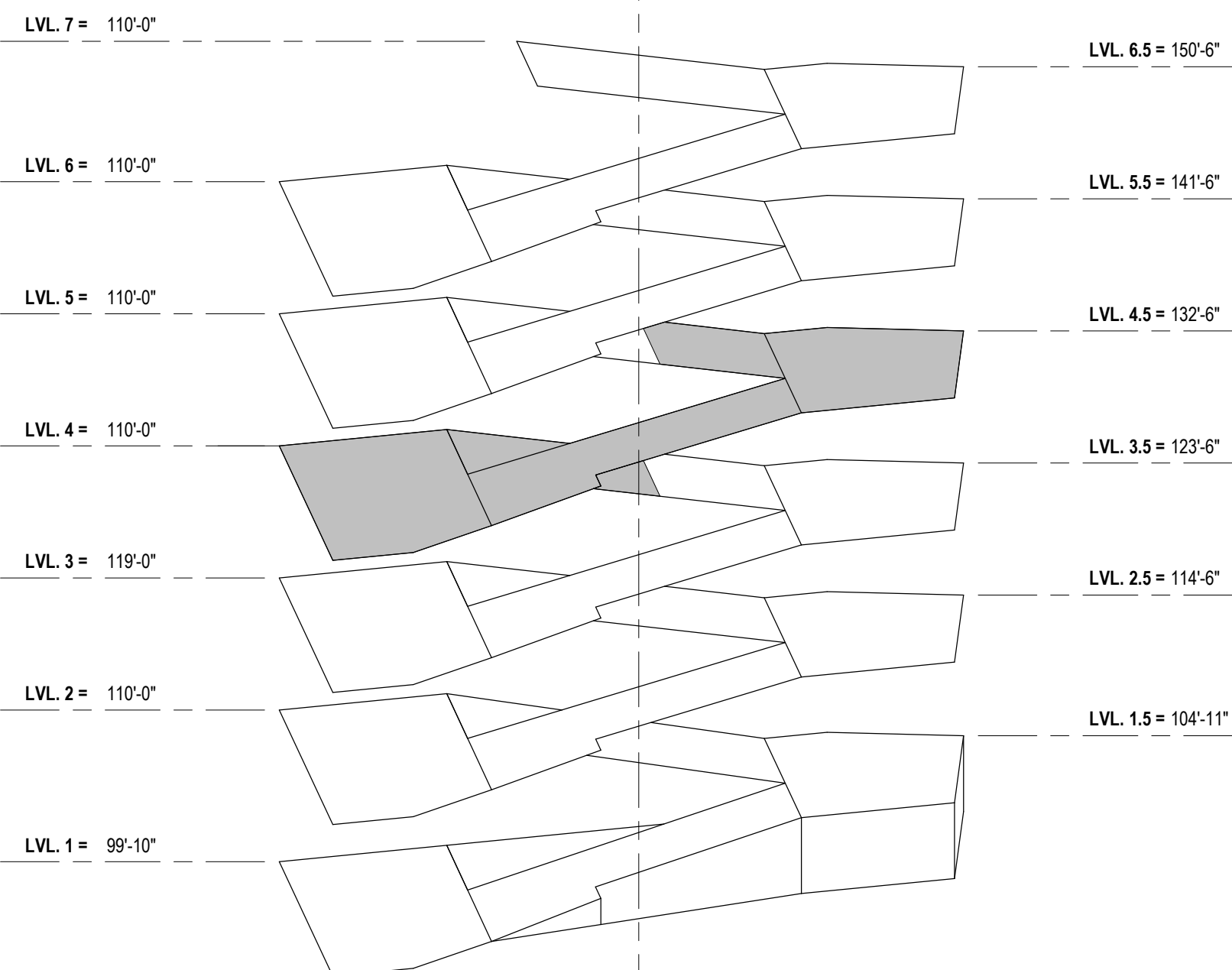
LEVEL FOUR = 49 PARKING STALLS

GENERAL FLOOR PLAN NOTES

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SPECIFIC FLOOR PLAN NOTES

- 6" DIA / 48" TALL BOLLARD. REFER TO DETAIL B6/S501
- PAY-ON-FOOT MACHINE - OFCI
- CABLE RAILING VEHICLE BARRIER - SEE STRUCTURAL
- PAINT HM DOORS AND FRAMES PT-2, BOTH SIDES.
- AUTO GATE (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- REVENUE CONTROL SYSTEM (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- SHOW CHUTE: 3" DIA / 4" ACCESS PANEL
- PROVIDE 3" UNDER SLAB INSULATION AROUND THE PERIMETER OF SEMI-HEATED SPACE
- PROVIDE 3" SPRAY-ON INSULATION TO COVER ENTIRETY OF CEILING AND PROTRUDING STRUCTURE MEMBERS
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- FUTURE ELECTRIC VEHICLE CHARGING STATION
- CLEARANCE BAR - SEE SHEET A604
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- LOCKABLE ACCESS PANEL 2' X 2' PANEL, 28" ABOVE FINISH FLOOR
- 6" DIA / 48" TALL BOLLARD. REFER TO DETAIL A3/S522



ISOMETRIC KEY PLAN - LEVEL 4

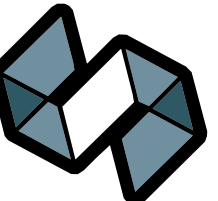
SCALE: 1" = 40'-0"

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SCALE: AS NOTED

SHEET TITLE:

LEVEL FOUR PLAN

SHEET NUMBER:

A204

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7/21/2023 11:46:03 AM



LEVEL FIVE PLAN

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

LEVEL FIVE = 49 PARKING STALLS

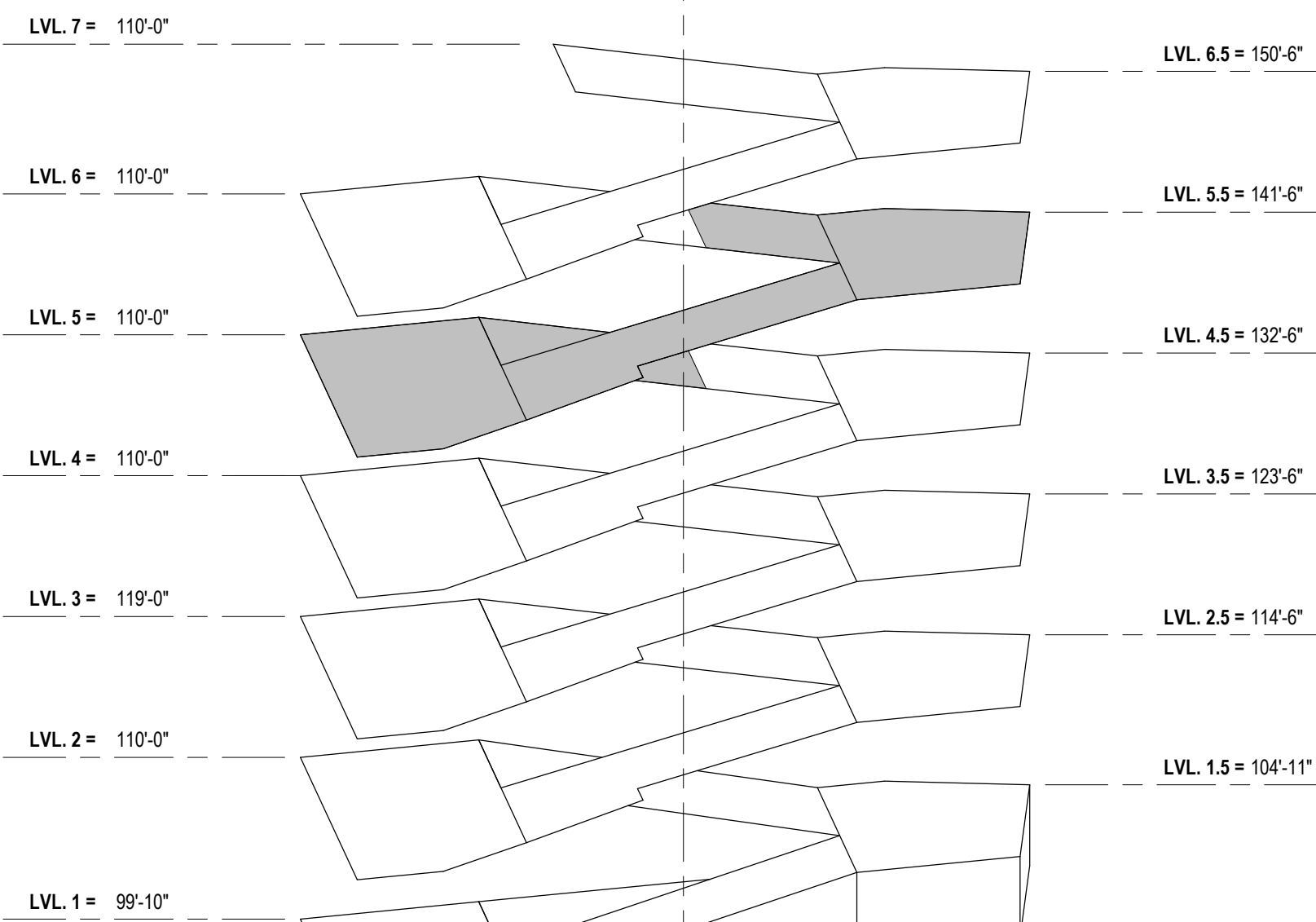
GENERAL FLOOR PLAN NOTES

- ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CAREFULLY STUDY AND COMPARE ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF WORK. PROMPTLY REPORT INCONSISTENCIES IN THE DRAWINGS TO THE ARCHITECT FOR CLARIFICATION.
- DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. VERIFY ALL CONDITIONS AND DIMENSIONS AT THE PROJECT SITE PRIOR TO THE START OF CONSTRUCTION. ANY INCONSISTENCIES DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED PROMPTLY TO THE ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK. DIMENSIONS ARE GIVEN FROM FACE TO FACE OF WALLS. SEE WALL SECTIONS AND PARTITION TYPES FOR EXACT CONSTRUCTION DETAILS.
- WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED FROM DOCUMENTS CONSULT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- PATCH, PREPARE AND / OR RESTORE WORK SCHEDULED TO REMAIN THAT IS DAMAGED AS A RESULT OF DEMOLITION WORK. RESTORATION AND PATCHING WORK SHALL BE DONE IN A MANNER THAT MAINTAINS FIRE RATINGS OF RATED BUILDING COMPONENTS.
- PROTECT WORK IN PLACE DURING CONSTRUCTION
- COORDINATE THE AVAILABILITY OF AREAS REQUIRING WORK WITH THE OWNER.
- REFER TO HVAC, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL WORK AND MODIFICATIONS REQUIRED FOR HVAC, ELECTRICAL, PLUMBING AND FIRE PROTECTION SYSTEMS.
- MINIMUM 7'-0" CLEAR FOR HEADROOM. ALL AREAS LOWER NEED TO BE PROTECTED.
- MINIMUM 8'-0" CLEAR HEADROOM FOR VAN ACCESSIBLE PARKING STALL, AISLE, AND ROUTE TO THE EXTERIOR OF THE BUILDING.



SPECIFIC FLOOR PLAN NOTES

- 6" DIA / 48" TALL BOLLARD. REFER TO DETAIL B6/S501
- PAY-ON-FOOT MACHINE - OFCI
- CABLE RAILING VEHICLE BARRIER - SEE STRUCTURAL
- PAINT HM DOORS AND FRAMES PT-2, BOTH SIDES.
- AUTO GATE (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- REVENUE CONTROL SYSTEM (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- SNOW CHUTE 3'-0"x4'-0" ACCESS PANEL
- PROVIDE 3" UNDER SLAB INSULATION AROUND THE PERIMETER OF SEMI-HEATED SPACE
- PROVIDE 3" SPRAY-ON INSULATION TO COVER ENTIRETY OF CEILING AND PROTRUDING STRUCTURE MEMBERS
- SURFACE MOUNTED FEC
- BRACKET MOUNTED FEC
- ELECTRIC VEHICLE CHARGING STATION - OFCI
- FUTURE ELECTRIC VEHICLE CHARGING STATION
- CLEARANCE BAR - SEE SHEET A604
- PROVIDE ARCHITECTURAL GUARDRAIL TO MATCH CABLE RAILING VEHICLE BARRIER
- LOCKABLE ACCESS PANEL 2' X 2' PANEL, 28" ABOVE FINISH FLOOR
- 6" DIA / 48" TALL BOLLARD. REFER TO DETAIL A3/S522



ISOMETRIC KEY PLAN - LEVEL 5

SCALE: 1" = 40'-0"

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215 MARTIN LUTHER KING JR BLVD
SUITE 161
MADISON, WI 53703

PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

03/17/2023 FINAL REVIEW

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: Author

CHECKED BY: Checker

APPROVED BY: Approver

SCALE: AS NOTED

SHEET TITLE:

LEVEL FIVE PLAN

SHEET NUMBER:

A205

Autodesk Docs://20225013.00 - Village on Park Garage/20225013.00_A.nt
7/21/2023 11:46:07 AM



PN 1 A206 LEVEL SIX PLAN
SCALE: 1/8" = 1'-0"

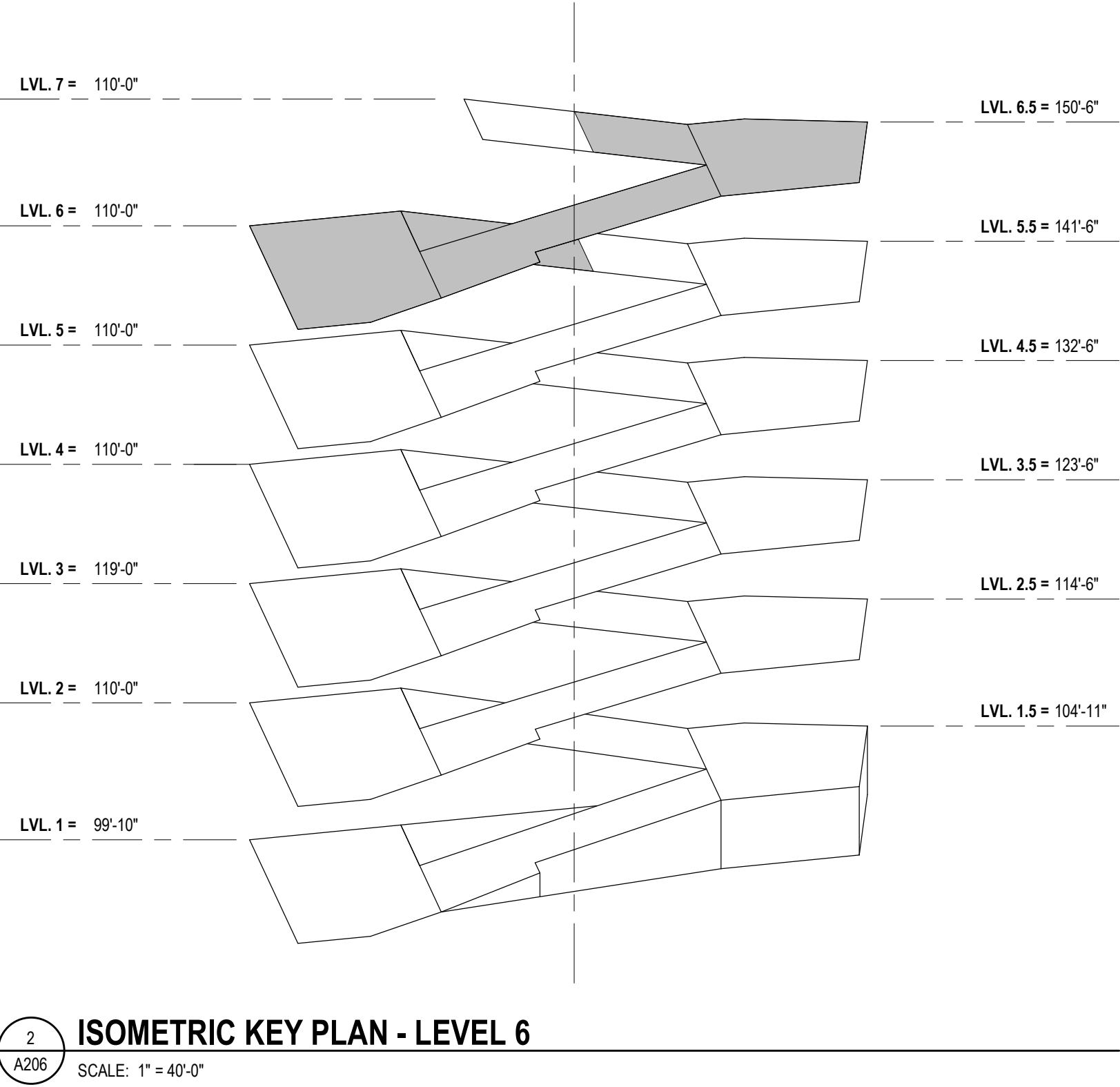
LEVEL SIX = 49 PARKING STALLS

GENERAL FLOOR PLAN NOTES

- ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CAREFULLY STUDY AND COMPARE ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF WORK. PROMPTLY REPORT INCONSISTENCIES IN THE DRAWINGS TO THE ARCHITECT FOR CLARIFICATION.
- DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. VERIFY ALL CONDITIONS AND DIMENSIONS AT THE PROJECT SITE PRIOR TO THE START OF CONSTRUCTION. ANY INCONSISTENCIES DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED PROMPTLY TO THE ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK. DIMENSIONS ARE GIVEN FROM FACE TO FACE OF WALLS. SEE WALL SECTIONS AND PARTITION TYPES FOR EXACT CONSTRUCTION DETAILS.
- WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED FROM DOCUMENTS CONSULT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- PATCH, PREPARE AND / OR RESTORE WORK SCHEDULED TO REMAIN THAT IS DAMAGED AS A RESULT OF DEMOLITION WORK. RESTORATION AND PATCHING WORK SHALL BE DONE IN A MANNER THAT MAINTAINS FIRE RATINGS OF RATED BUILDING COMPONENTS.
- PROTECT WORK IN PLACE DURING CONSTRUCTION
- COORDINATE THE AVAILABILITY OF AREAS REQUIRING WORK WITH THE OWNER.
- REFER TO HVAC, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL WORK AND MODIFICATIONS REQUIRED FOR HVAC, ELECTRICAL, PLUMBING AND FIRE PROTECTION SYSTEMS.
- MINIMUM 7'-0" CLEAR FOR HEADROOM. ALL AREAS LOWER NEED TO BE PROTECTED.
- MINIMUM 8'-2" CLEAR HEADROOM FOR VAN ACCESSIBLE PARKING STALL, AISLE, AND ROUTE TO THE EXTERIOR OF THE BUILDING.

SPECIFIC FLOOR PLAN NOTES

- 6" DIA / 48" TALL BOLLARD. REFER TO DETAIL B6/S501
- PAY-ON-FOOT MACHINE - OFCI
- CABLE RAILING VEHICLE BARRIER - SEE STRUCTURAL
- PAINT HM DOORS AND FRAMES PT-2, BOTH SIDES.
- AUTO GATE (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- REVENUE CONTROL SYSTEM (SEE REVENUE CONTROL SUPPLIER DRAWINGS)
- SNOW CHUTE. 3'-0"x4'-0" ACCESS PANEL
- PROVIDE 3" UNDER SLAB INSULATION AROUND THE PERIMETER OF SEMI-HEATED SPACE
- PROVIDE 3" SPRAY-ON INSULATION TO COVER ENTIRETY OF CEILING AND PROTRUDING STRUCTURE MEMBERS
- SURFACE MOUNTED FEC
- BRACKET MOUNTED FEC
- ELECTRIC VEHICLE CHARGING STATION - OFCI
- FUTURE ELECTRIC VEHICLE CHARGING STATION
- CLEARANCE BAR - SEE SHEET A604
- PROVIDE ARCHITECTURAL GUARDRAIL TO MATCH CABLE RAILING VEHICLE BARRIER
- LOCKABLE ACCESS PANEL. 2' X 2' PANEL, 28" ABOVE FINISH FLOOR
- 6" DIA / 48" TALL BOLLARD. REFER TO DETAIL A3/S522



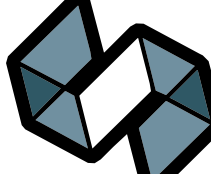
2 A206 ISOMETRIC KEY PLAN - LEVEL 6
SCALE: 1" = 40'-0"

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MADISON, WI | WALKESHA, WI

CLIENT:

Community Development Authority of
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Madison Municipal Building
215 Martin Luther King Jr Blvd
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PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023

BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: AJH

CHECKED BY: WAS

APPROVED BY: PT

SCALE: AS NOTED

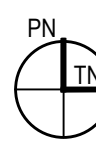
SHEET TITLE:

LEVEL SIX PLAN

SHEET NUMBER:

A206

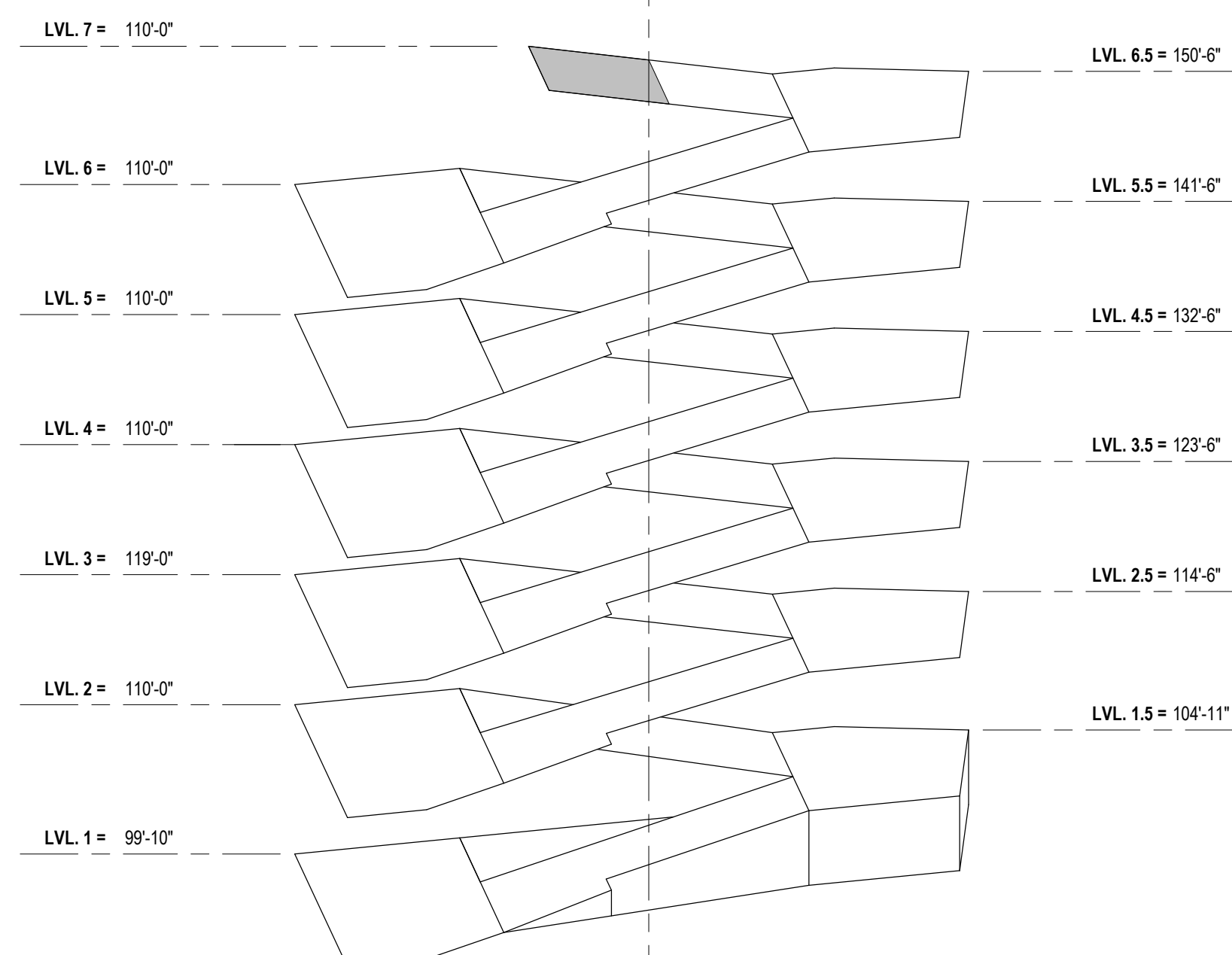
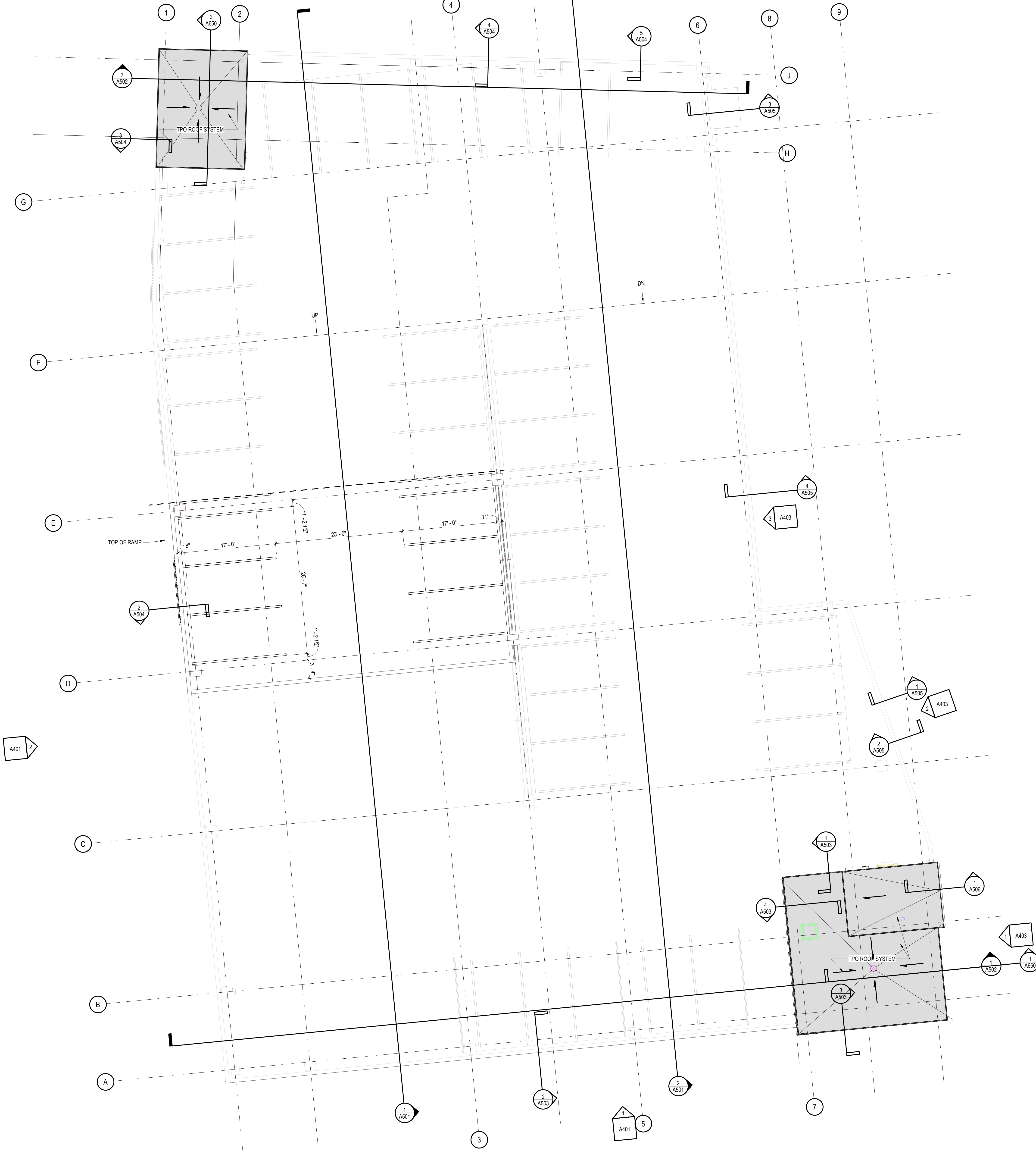
Autodesk Docs://20225013.00 - Village on Park Garage/20225013.00_A.nt
7/21/2023 11:46:27 AM



LEVEL SEVEN AND ROOF PLAN

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

LEVEL SIX+ = 6 PARKING STALLS



ISOMETRIC KEY PLAN - LEVEL 7

SCALE: 1" = 40'-0"

GENERAL ROOF PLAN NOTES

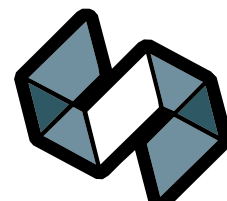
1. REFER TO OTHER DRAWINGS IN PLAN SET FOR ADDITIONAL INFORMATION AND COORDINATION.
2. VERIFY EXISTING CONDITIONS AT THE START OF ROOFING WORK TO CONFIRM DESIGN INTENT SHOWN ON PLANS.
3. NOTIFY ARCHITECT OF ANY FIELD DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION SHOWN ON PLAN.
4. PROVIDE TAPERED INSULATION CRICKETS AT EQUIPMENT CURBS FOR POSITIVE DRAINAGE TO ROOF DRAINS AND SCUPPERS.
5. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PLUMBING VENTS, STACKS, AND OTHER ROOF PENETRATIONS.
6. COMPLETE ROOFING WORK PER ROOFING MANUFACTURER'S STANDARD DETAILS TO MAINTAIN ROOFING MANUFACTURER'S WARRANTY.
8. ARROWS INDICATE DIRECTION OF DOWNWARD SLOPE, U.N.O.

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INTERIOR DESIGN

MADISON, WI | WALKESHA, WI

CLIENT:

Community Development Authority of
the City of Madison



Madison Municipal Building
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PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023

BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: AJH

CHECKED BY: WAS

APPROVED BY: PT

SCALE: AS NOTED

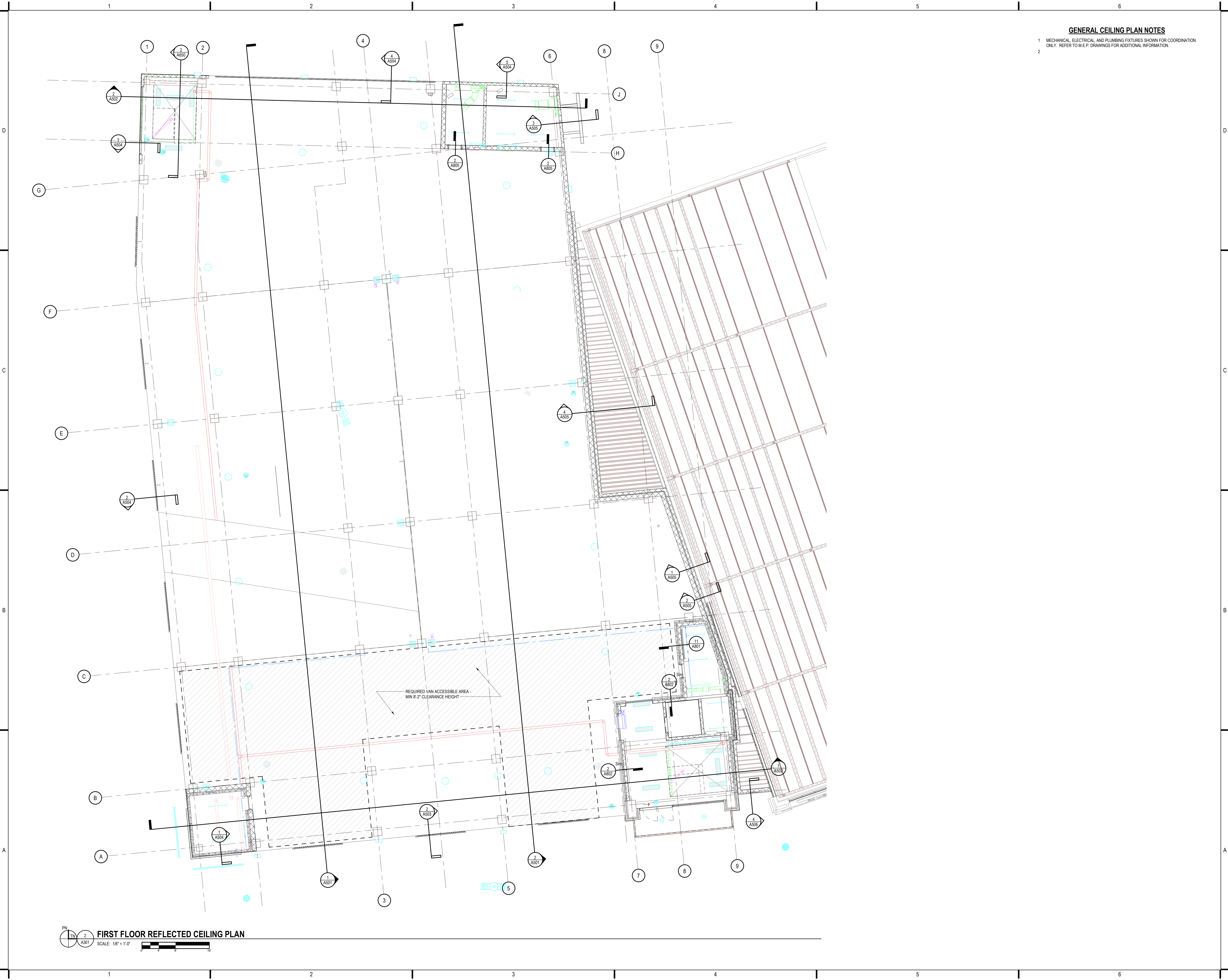
SHEET TITLE:

ROOF PLAN

SHEET NUMBER:

A210

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7/21/2023 11:46:30 AM



GENERAL CEILING PLAN NOTES
1 MECHANICAL, ELECTRICAL, AND PLUMBING FIXTURES SHOWN FOR COORDINATION ONLY. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL INFORMATION.
2

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CLIENT:

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the City of Madison

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215 Martin Luther King Jr Blvd
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PROJECT TITLE:

VILLAGE ON PARK PARKING
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IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

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PROJECT INFORMATION:

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DRAWN BY: AJH
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APPROVED BY: PT
SCALE: AS NOTED

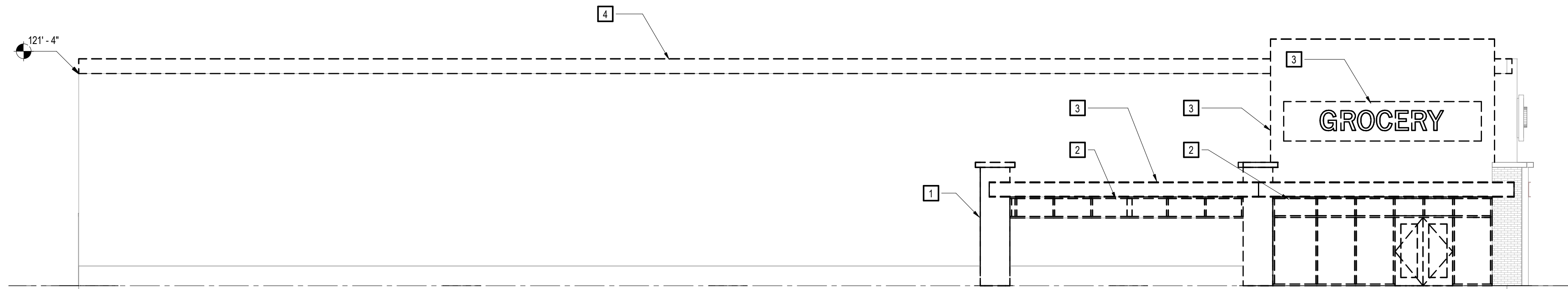
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LEVEL ONE REFLECTED CEILING
PLAN

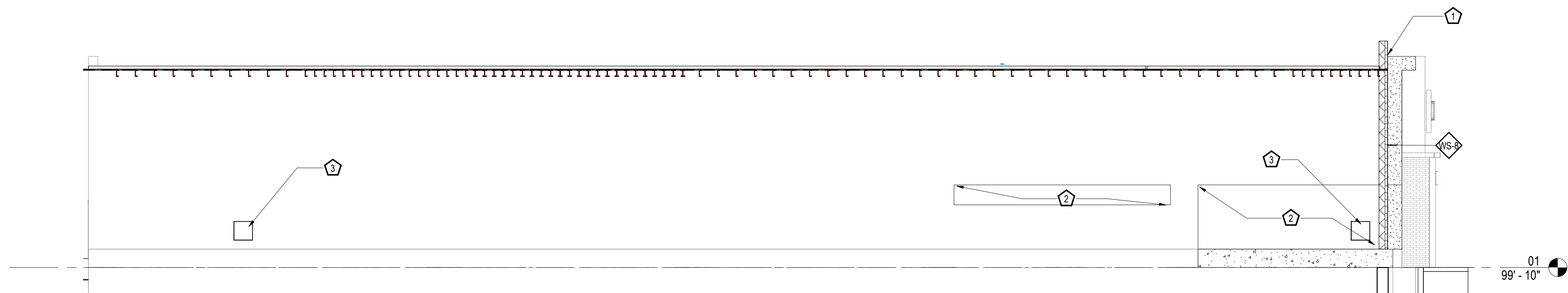
SHEET NUMBER:

A301

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7/21/2023 11:46:33 AM



1 GROCERY STORE DEMOLITION ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"



2 GROCERY STORE HIDDEN ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"



3 EXISTING GROCERY STORE DEMO ELEVATION - EAST
SCALE: 1/8" = 1'-0"



4 GROCERY STORE ELEVATION - EAST
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING. COORDINATE DISRUPTIONS IN SERVICE WITH OWNER.
2. PROTECT IN PLACE DURING ENTIRE CONSTRUCTION PROCESS. ALL FLOORING, SURFACES AND ITEMS TO REMAIN.
3. COORDINATE THE AVAILABILITY OF AREAS REQUIRING DEMOLITION WITH OWNER. SEQUENCE WORK ACCORDINGLY AND COORDINATE WITH ALL TRADES.
4. EXISTING CONSTRUCTION TO REMAIN IS SHOWN SCREENED. CONSTRUCTION AND EQUIPMENT TO BE REMOVED IS SHOWN WITH DASHED LINES.
5. PATCH, PREPARE, REPAIR AND / OR RESTORE SURFACES SCHEDULED TO REMAIN INTACT THAT ARE DAMAGED AS A RESULT OF DEMOLITION WORK.
6. VISIT THE SITE PRIOR TO SUBMITTING A BID TO BECOME FAMILIAR WITH EXISTING CONDITIONS.
7. DEMOLITION PLANS ARE NOT NECESSARILY INCLUSIVE OF ALL ITEMS NEEDING REMOVAL. COORDINATE WITH ALL OTHER DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS.
8. COORDINATE DEMOLITION DIMENSIONS ON THIS PLAN WITH OTHER DRAWINGS AND EXISTING CONDITIONS.
9. REFER TO HVAC, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL DEMOLITION AND MODIFICATIONS REQUIRED FOR HVAC, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEMS.

SPECIFIC DEMOLITION NOTES

1. REMOVE AND DISPOSE OF BRICK VENEER AT DECORATIVE COLUMN WRAP.
2. DEMOLISH EXISTING STOREFRONT ENTRY. PREP OPENING FOR WALL INFILL.
3. DEMOLISH ALL PROTRUDING EXTERIOR WALL AND FACADE ELEMENTS AS REQUIRED FOR NEW CONSTRUCTION.
4. DEMOLISH WALL PARAPET TO EXTENT SHOWN. PROTECT FROM WEATHER DURING CONSTRUCTION.
5. REMOVE AND DISPOSE OF CONC. FOUNDATION WALL TO EXTENTS SHOWN. DEMOLISH FOUNDATION WALL 8" BELOW FINISH FLOOR ELEVATION.
6. DEMOLISH EXISTING STOREFRONT ENTRY. PREP OPENING FOR NEW STOREFRONT SYSTEM.

SPECIFIC NOTES - GROCERY

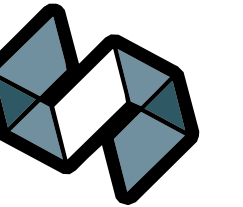
1. PATCH AND POLISH CONCRETE TO MATCH EXISTING FLOOR FINISH.
2. INFILL WALL OPENING WITH WALL CONSTRUCTION TO MATCH EXISTING WALL TYPE.
3. NEW ACCESS PANEL.

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MADISON, WI | WAUKESHA, WI

CLIENT:

Community Development Authority of
the City of Madison



Madison Municipal Building
215 Martin Luther King Jr Blvd
Suite 161
Madison, WI 53703

PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023

BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: AJH

CHECKED BY: WAS

APPROVED BY: PT

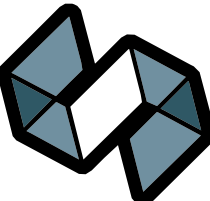
SCALE: AS NOTED

SHEET TITLE:

GROCERY STORE - DEMOLITION &
PROPOSED ELEVATIONS

SHEET NUMBER:

A400



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VILLAGE ON PARK PARKING
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MADISON, WI 53713

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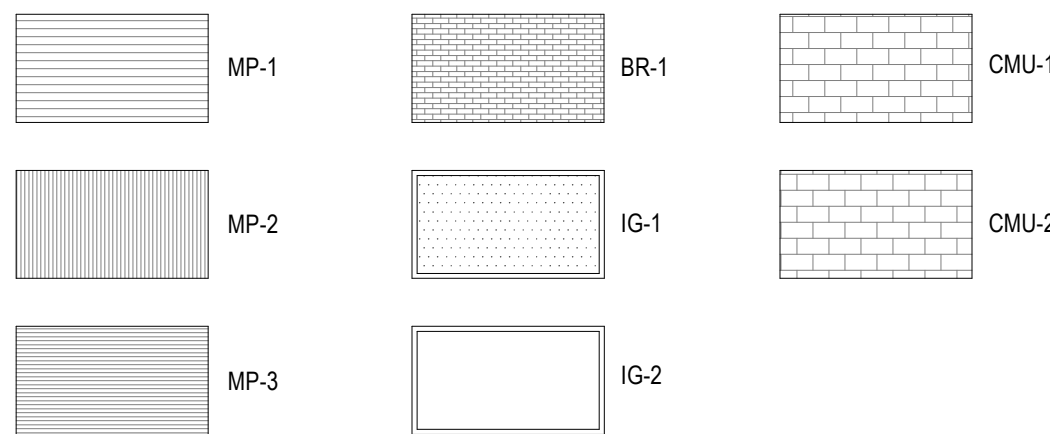
CHECKED BY: WAS

APPROVED BY: PT

SCALE: AS NOTED

EXTERIOR ELEVATIONS

MATERIAL LEGEND

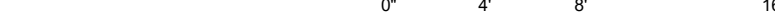


EXTERIOR FINISHES SCHEDULE

SYSTEM/COMPONENT	FINISH/COLOR
03 CONCRETE	RUBBED FINISH
EXPOSED CAST IN PLACE CONCRETE FOUNDATION WALLS, COLUMNS & COLUMN BASES, LIGHT FIXTURE BASES	
04 MASONRY	
BR-1	BRICK: MATCH EXISTING VILLAGE ON PARK BUILDING
CAST STONE	COLOR: MATCH EXISTING VILLAGE ON PARK BUILDING
CMU-1	SPLITFACE 8X16 CMU RUNNING BOND, COLOR: MATCH EIFS ON EXISTING VILLAGE ON PARK BUILDING. SPLITFACE ENDS AT OUTSIDE CORNERS.
CMU-2	SMOOTH FACE 8X16 CMU, COLOR: MATCH EIFS ON EXISTING VILLAGE ON PARK BUILDING
MORTAR @ BR-1 & BELOW BRICK COURSE	MATCH EXISTING VILLAGE ON PARK BUILDING
MORTAR @ CMU-1 & BELOW CMU COURSE	SPECK MIX, SM250 ANTIQUE WHITE OR SIMILAR
MORTAR @ CMU-2 & BELOW CMU COURSE	SPECK MIX, SM250 ANTIQUE WHITE OR SIMILAR
05 METALS	
BREAK METAL	BLUE BRAKE METAL TRIM, FINISH TO MATCH FLAT-LOCK PANEL SYSTEM
SC-1	STEEL LINTEL PAINT TO MATCH BRICK OR CMU ABOVE
07 THERMAL	
COPING-1	TAPERED COPING: MATCH EXISTING VILLAGE ON PARK BUILDING
COUNTERFLASHING @ ROOF TO BRICK/CMU WALL CONNECTIONS & THRU-WALL FLASHING DRIP	MATCH ADJACENT BRICK/CMU COLOR
COUNTERFLASHING @ ROOF TO METAL PANEL WALL SYSTEM	MATCH ADJACENT METAL WALL PANEL
MP-1	FLATLOCK METAL PANEL, MATCH COLOR, SIZE AND DETAILS ON EXISTING VILLAGE ON PARK BUILDING
MP-2	METAL PANEL, ATAS GATEN A19, RIGID WALL II, 16" PANEL OR SIMILAR; CLEAR ANODIZED ALUMINUM FINISH, PERIMETER TRIM BY METAL PANEL MANUFACTURER, ELITE TRIM SERIES, COPPERTONE FINISH
MP-3	METAL PANEL, ATAS GATEN RIGID WALL II, 16" PANEL (NON-PERFORATED) OR SIMILAR, CLEAR ANODIZED FINISH, PERIMETER TRIM BY METAL PANEL MANUFACTURER, ELITE TRIM SERIES, COPPERTONE FINISH
SEALANTS	MATCH ADJACENT BRICK, CMU, MTL PANEL COLOR
08 DOORS & WINDOWS	
LOUVERS-1	CLEAR ANODIZED ALUMINUM
09 FINISHES	
SOFFIT-1	PREFINISHED SHEET METAL, SOFFIT, MATCH COLOR, SIZE AND DETAILS ON EXISTING VILLAGE ON PARK BUILDING

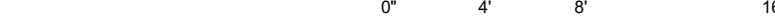
ELEVATION - EAST

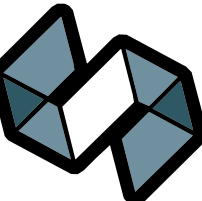
SCALE: 1/8" = 1'-0"



ELEVATION - SOUTH

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





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VILLAGE ON PARK PARKING
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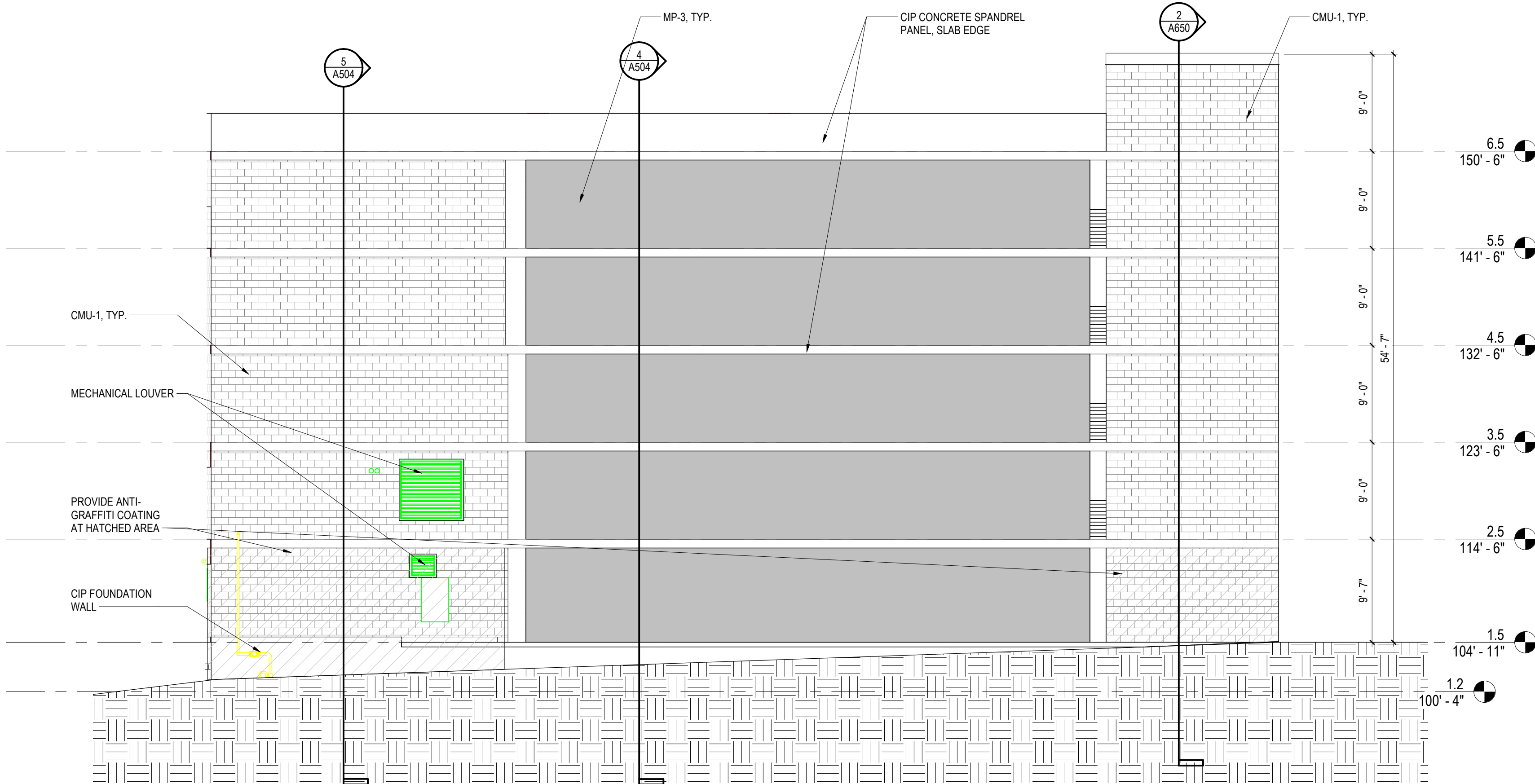
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APPROVED BY: PT

SCALE: AS NOTED

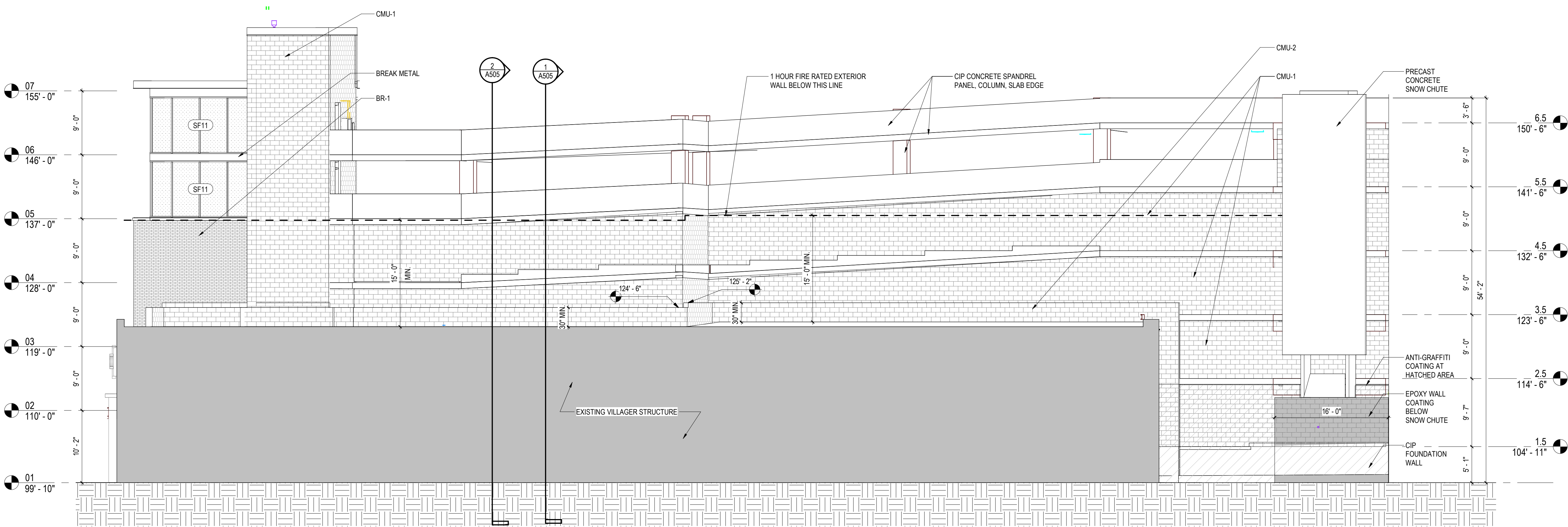
EXTERIOR ELEVATIONS

A402



1 ELEVATION - WEST

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

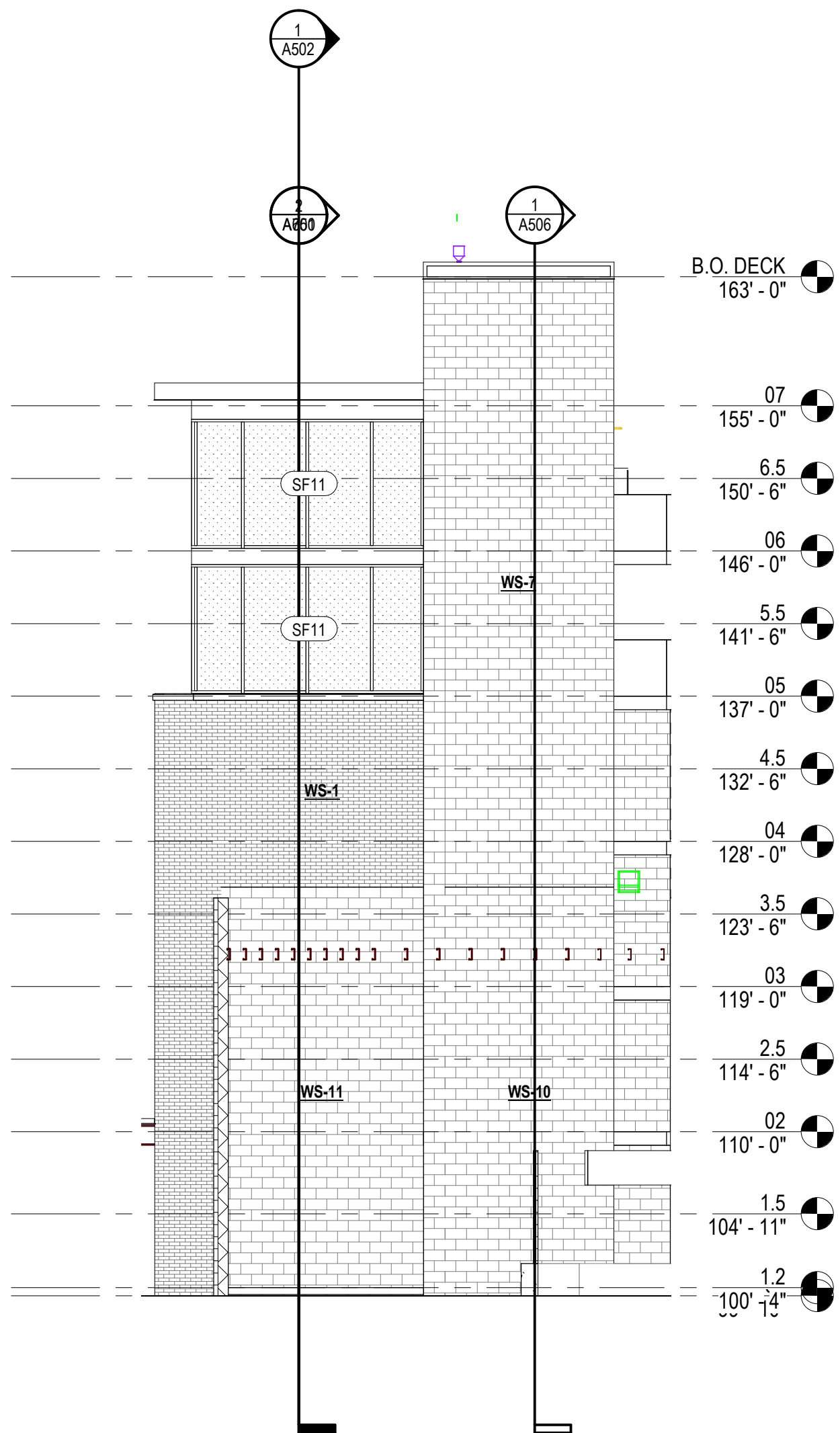


2 ELEVATION - NORTH

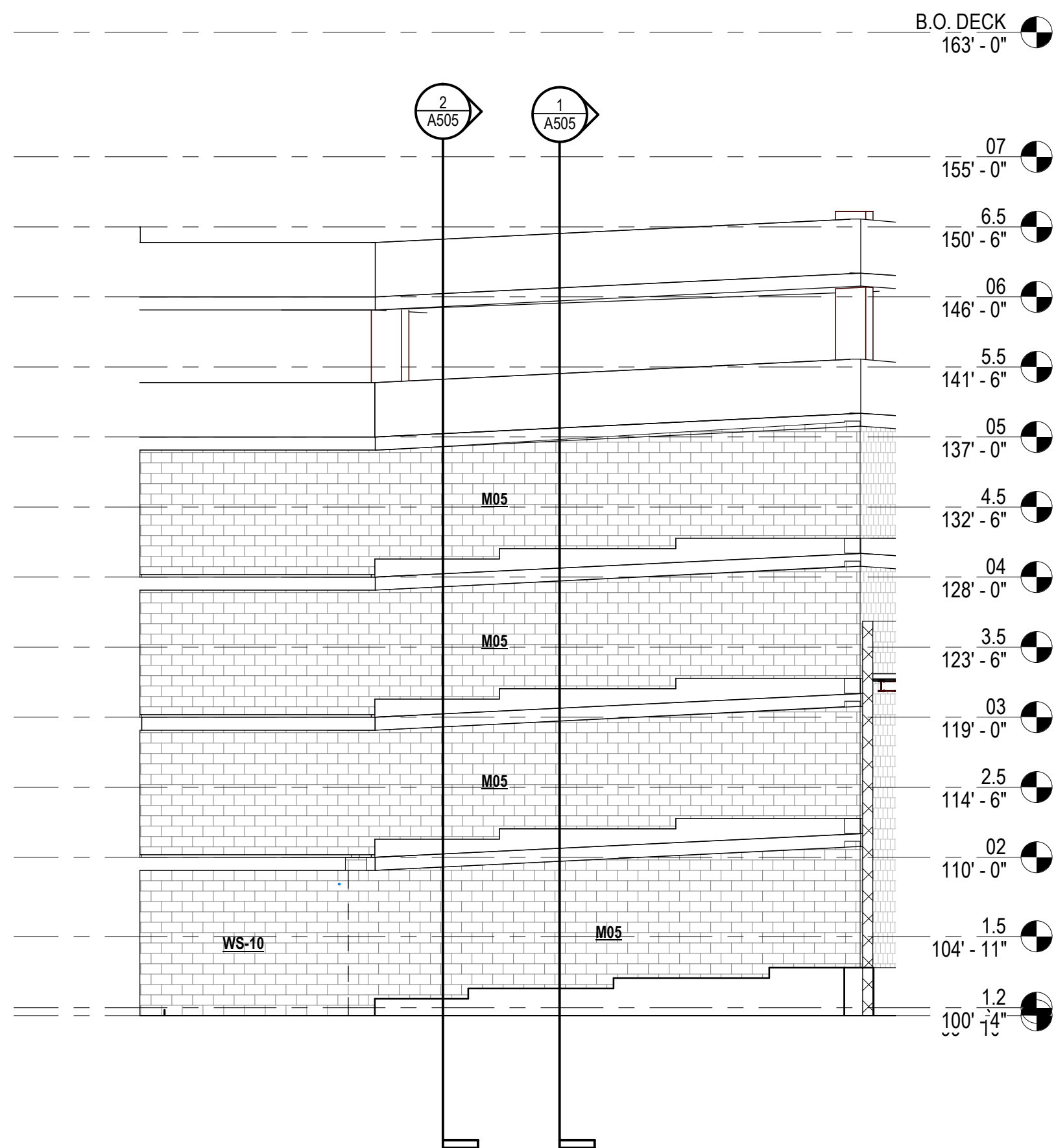
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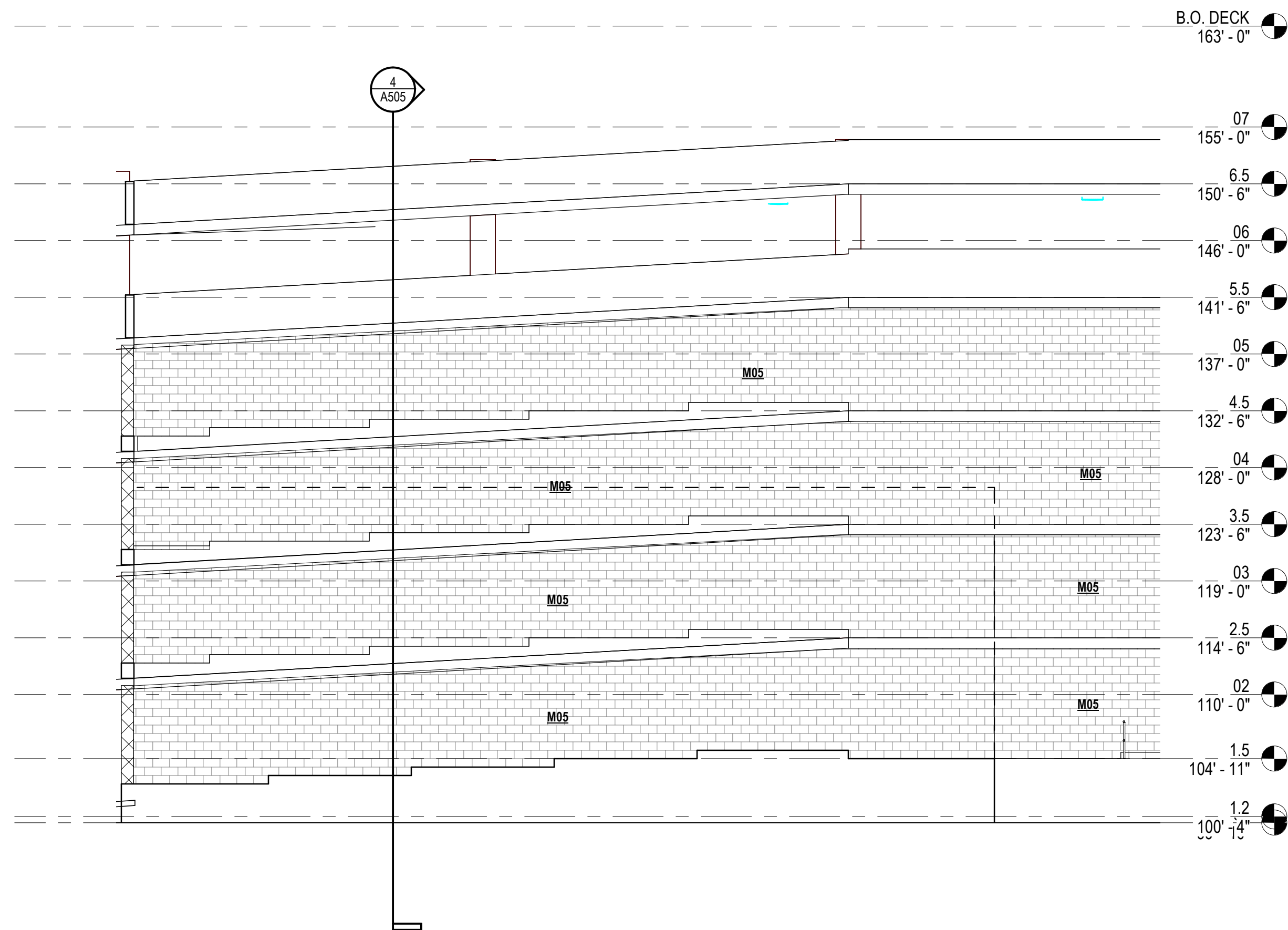
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7/21/2023 11:47:03 AM



1
A403
HIDDEN ELEVATION - 1
SCALE: 1/8" = 1'-0"



2
A403
HIDDEN ELEVATION - 2
SCALE: 1/8" = 1'-0"



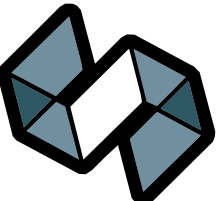
3
A403
HIDDEN ELEVATION - 3
SCALE: 1/8" = 1'-0"

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CHECKED BY: WAS

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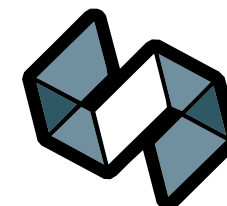
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SHEET TITLE:

EXTERIOR ELEVATIONS

SHEET NUMBER:

A403



NE PERSPECTIVE

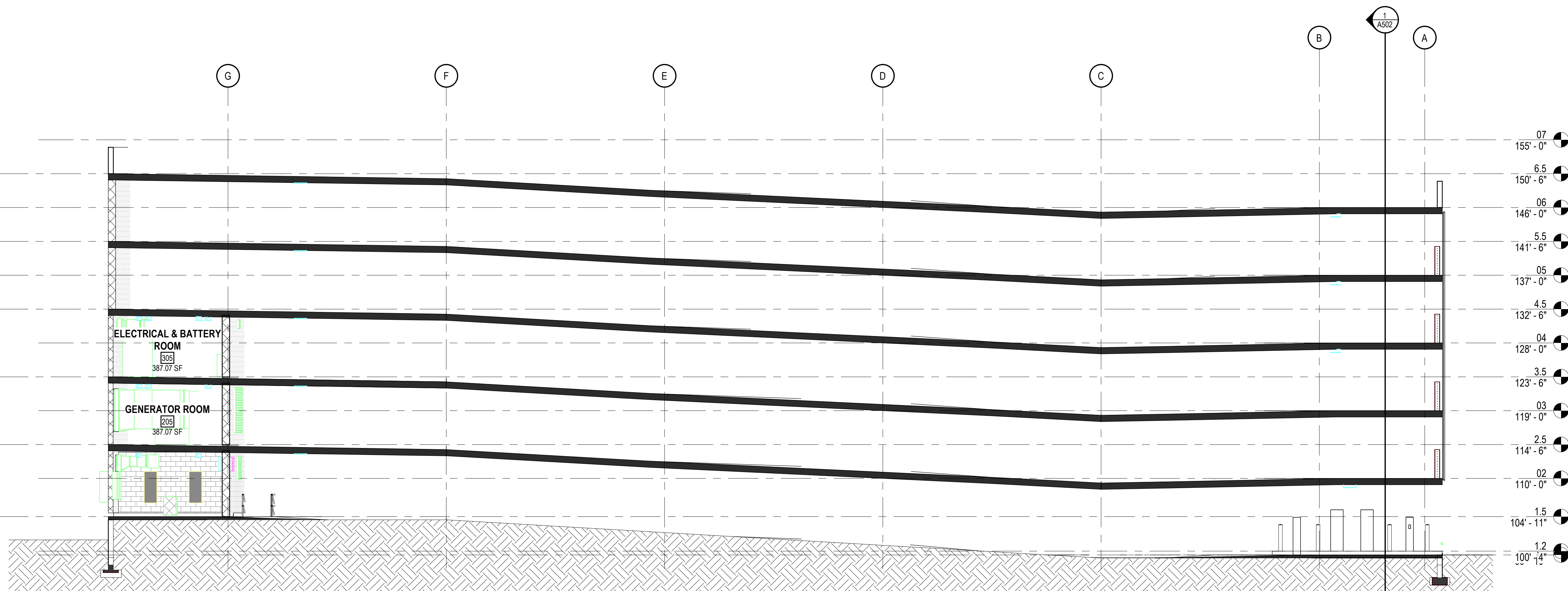
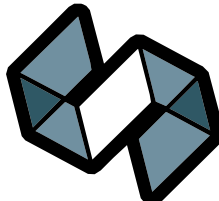
SCALE: 1/2" = 1'-0"



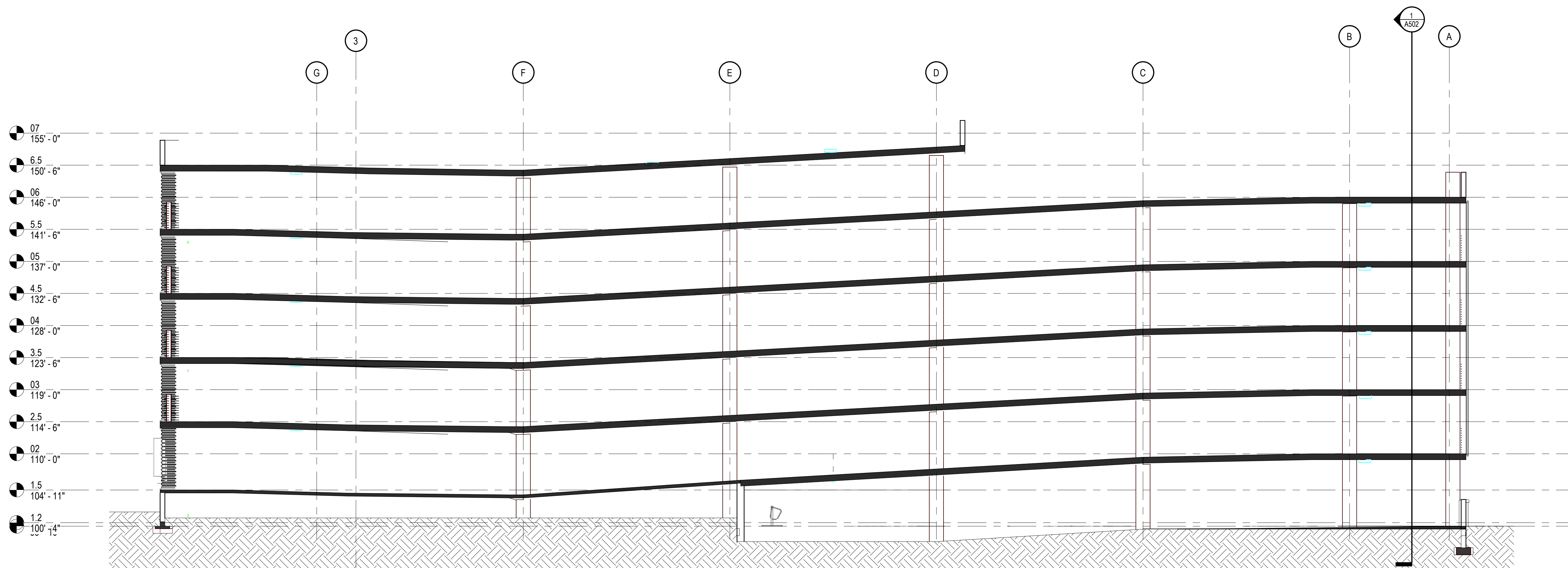
1 SE PERSPECTIVE
A451 SCALE: 1/2" = 1'-0"



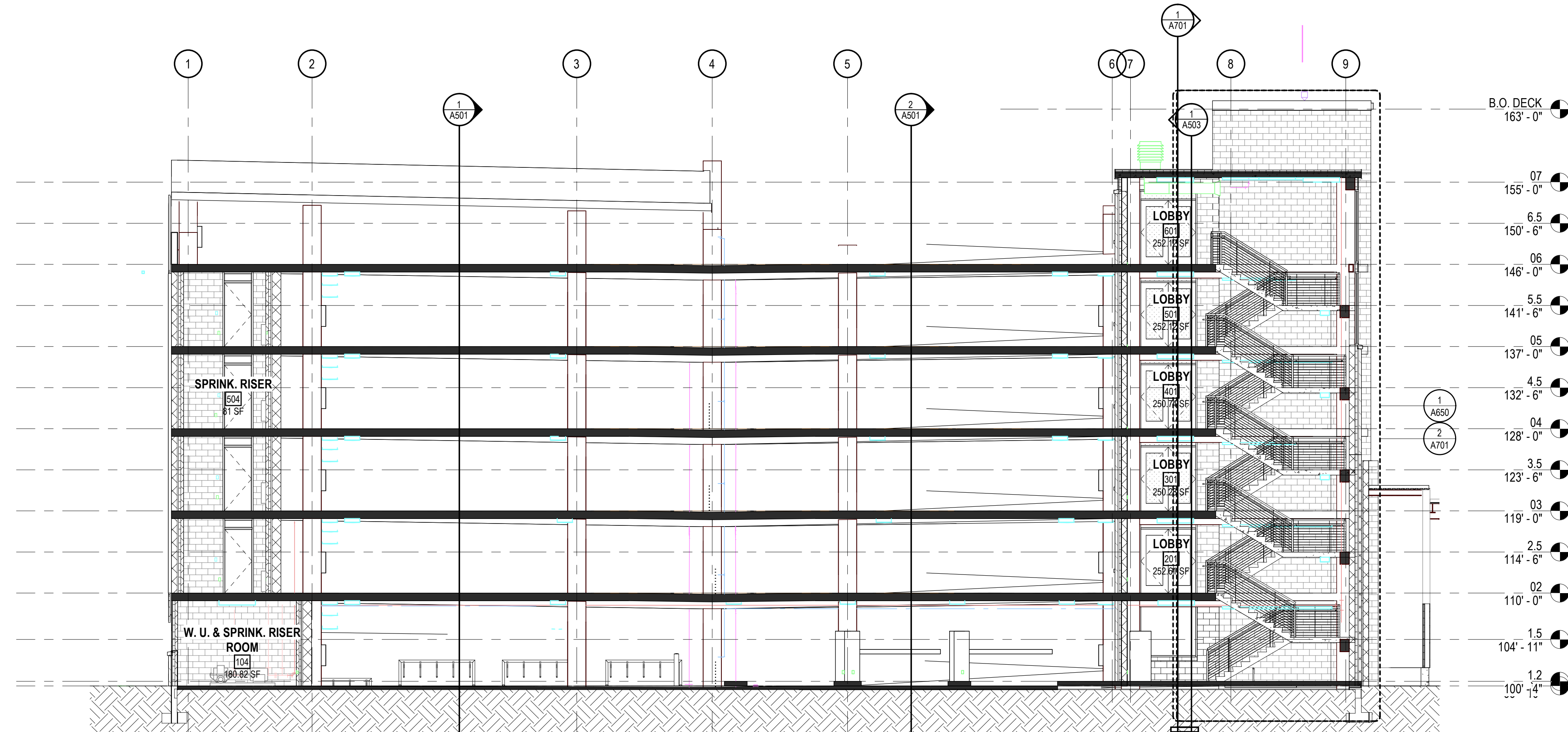
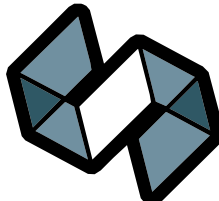
1 SW PERSPECTIVE
AMS2 SCALE: 12" = 1'-0"



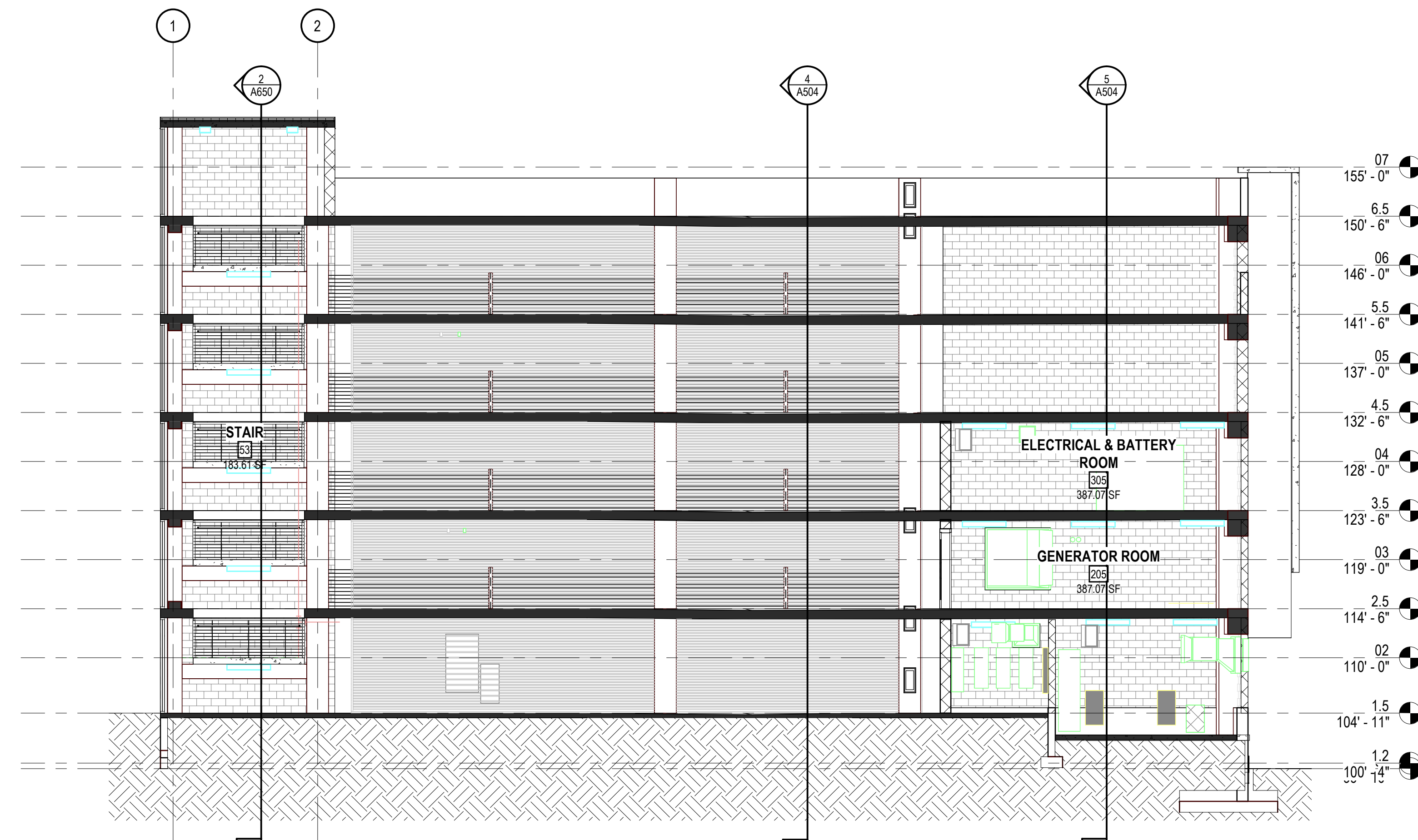
EAST/WEST SECTION 1
SCALE: 1/8" = 1'-0"



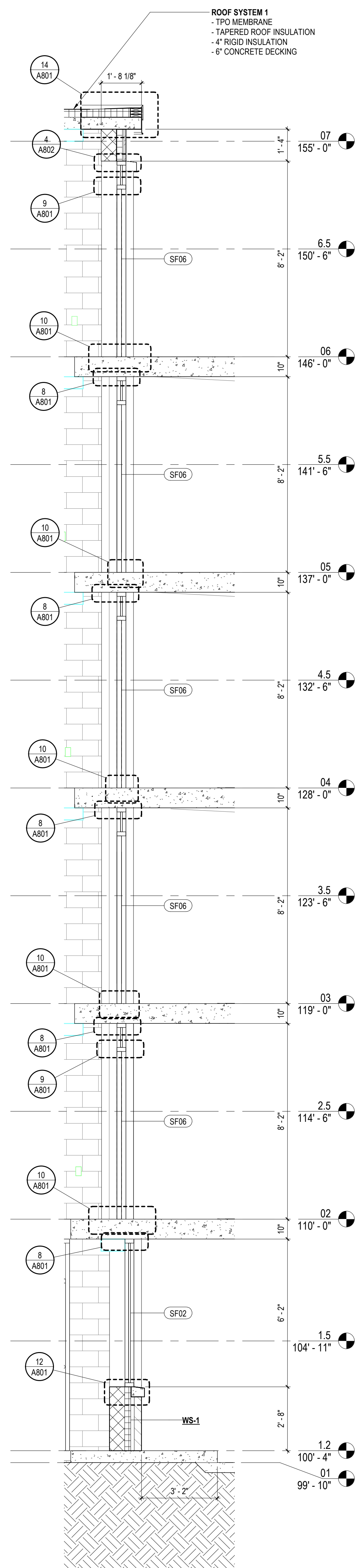
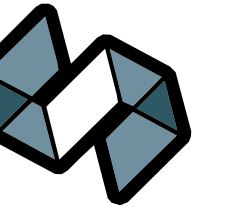
EAST/WEST SECTION 2
SCALE: 1/8" = 1'-0"



1 NORTH/SOUTH SECTION 1
SCALE: 1/8" = 1'-0"



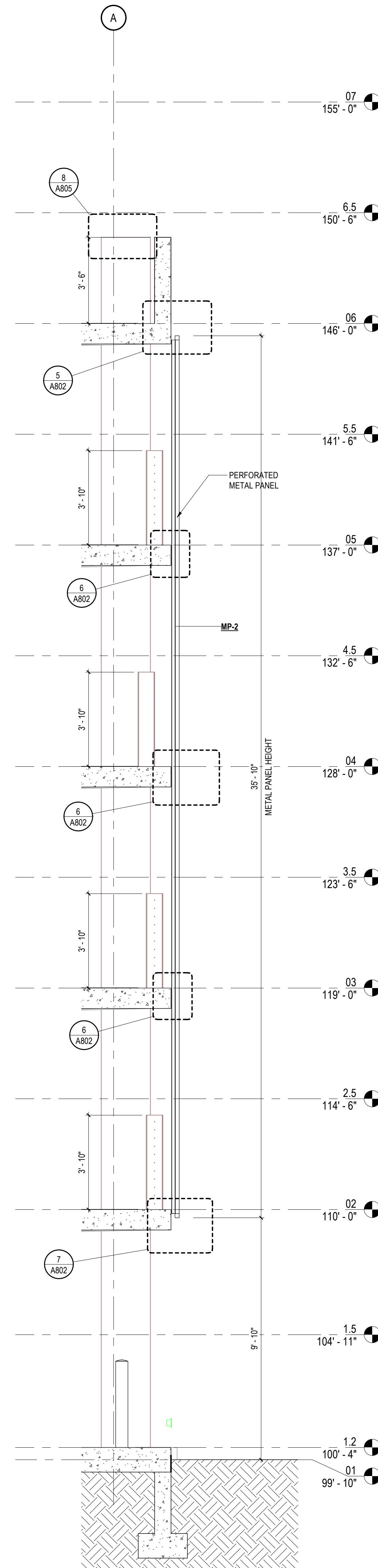
2 NORTH/SOUTH SECTION 2
SCALE: 1/8" = 1'-0"



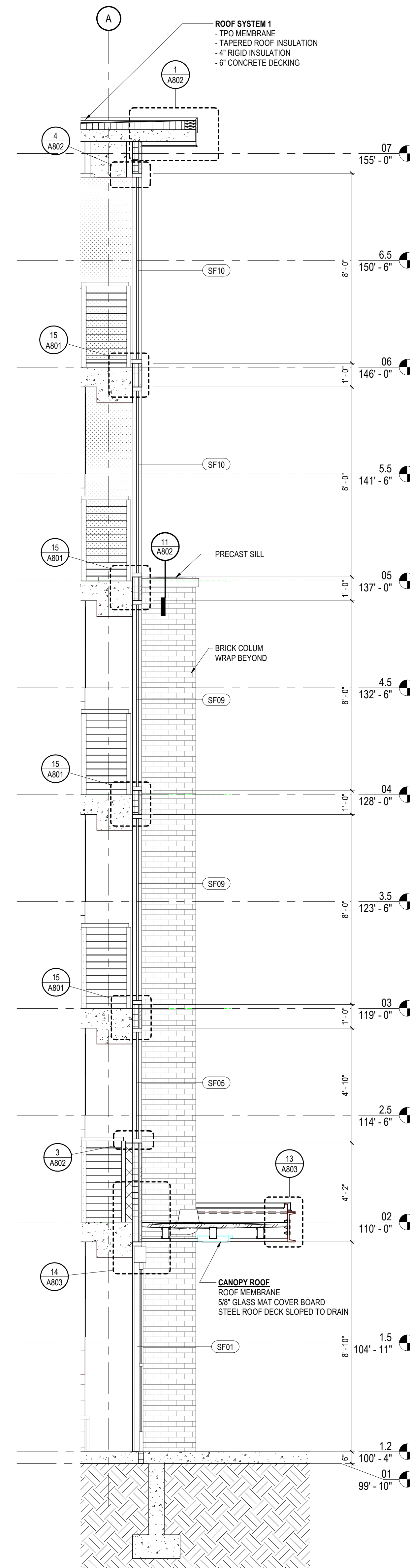
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A503

WALL SECTION AT ENCLOSED STAIR NORTH

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



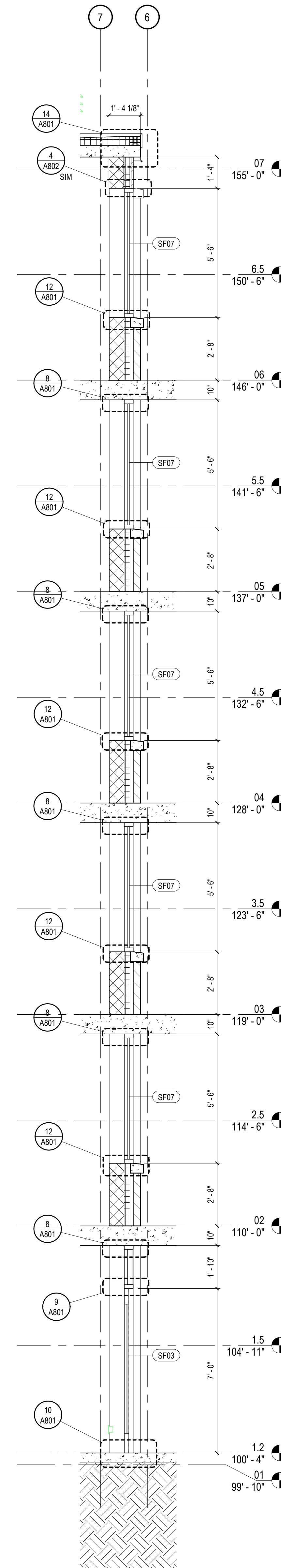
2 WALL SECTION AT METAL PANEL
A503 SCALE: 3/8" = 1'-0"



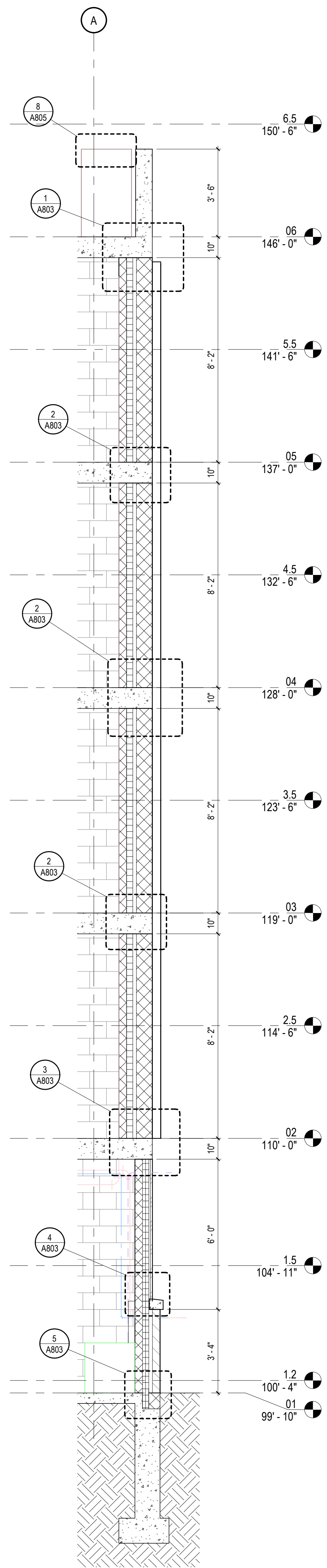
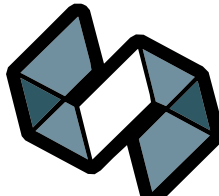
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A503

WALL SECTION AT ENCLOSED STAIR SOUTH

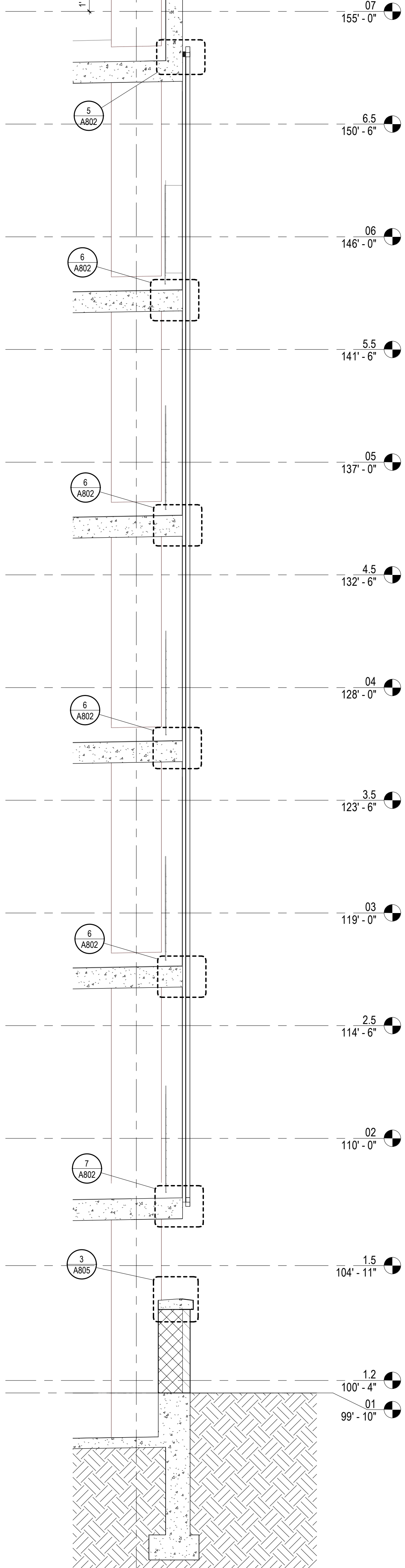
SCALE: 3/8" = 1'-0"



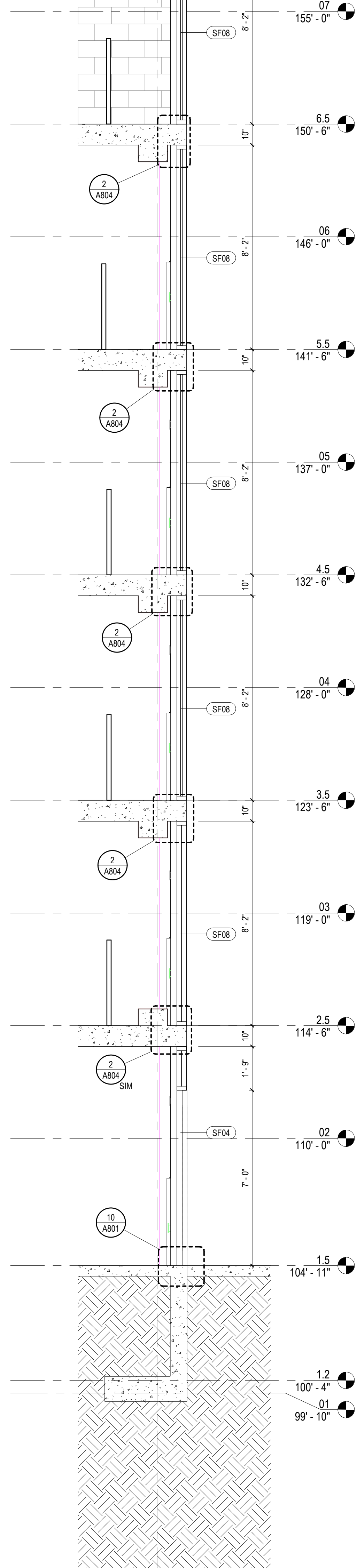
WALL SECTION AT ENCLOSED STAIR EAS
SCALE: 3/8" = 1'-0"



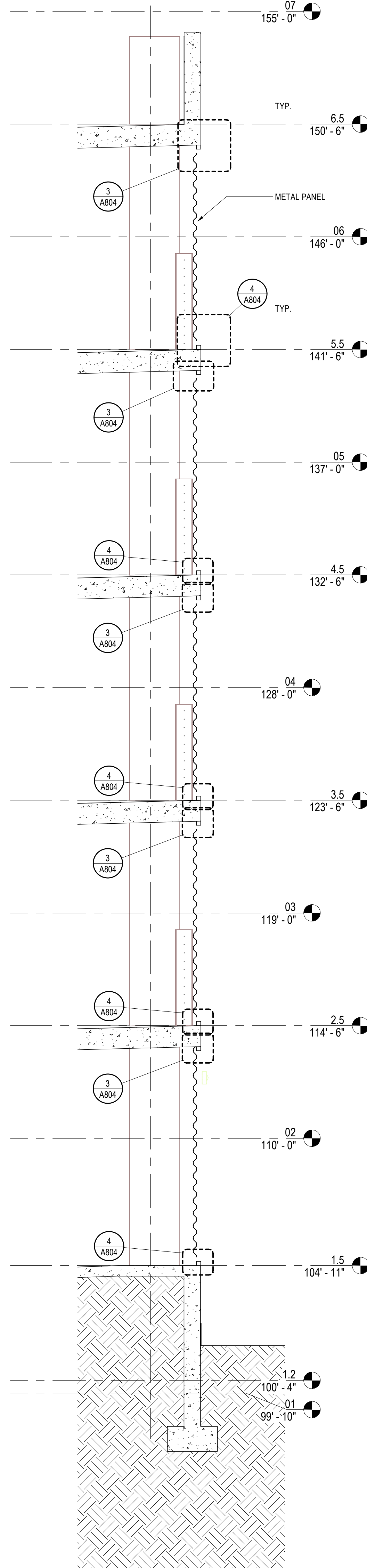
1 WALL SECTION AT FLEX FACADE
SCALE: 3/8" = 1'-0"



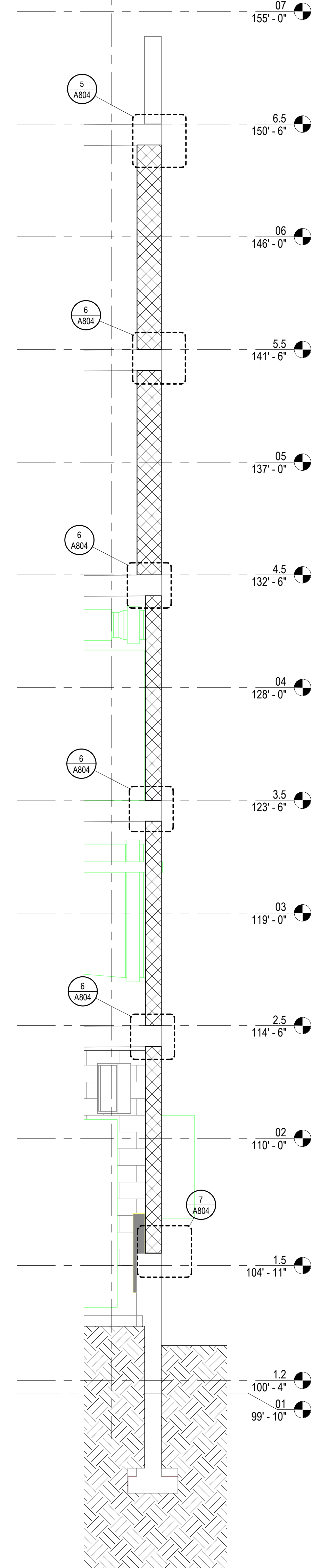
2 WALL SECTION AT SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



3 WALL SECTION AT SW STAIR
SCALE: 3/8" = 1'-0"

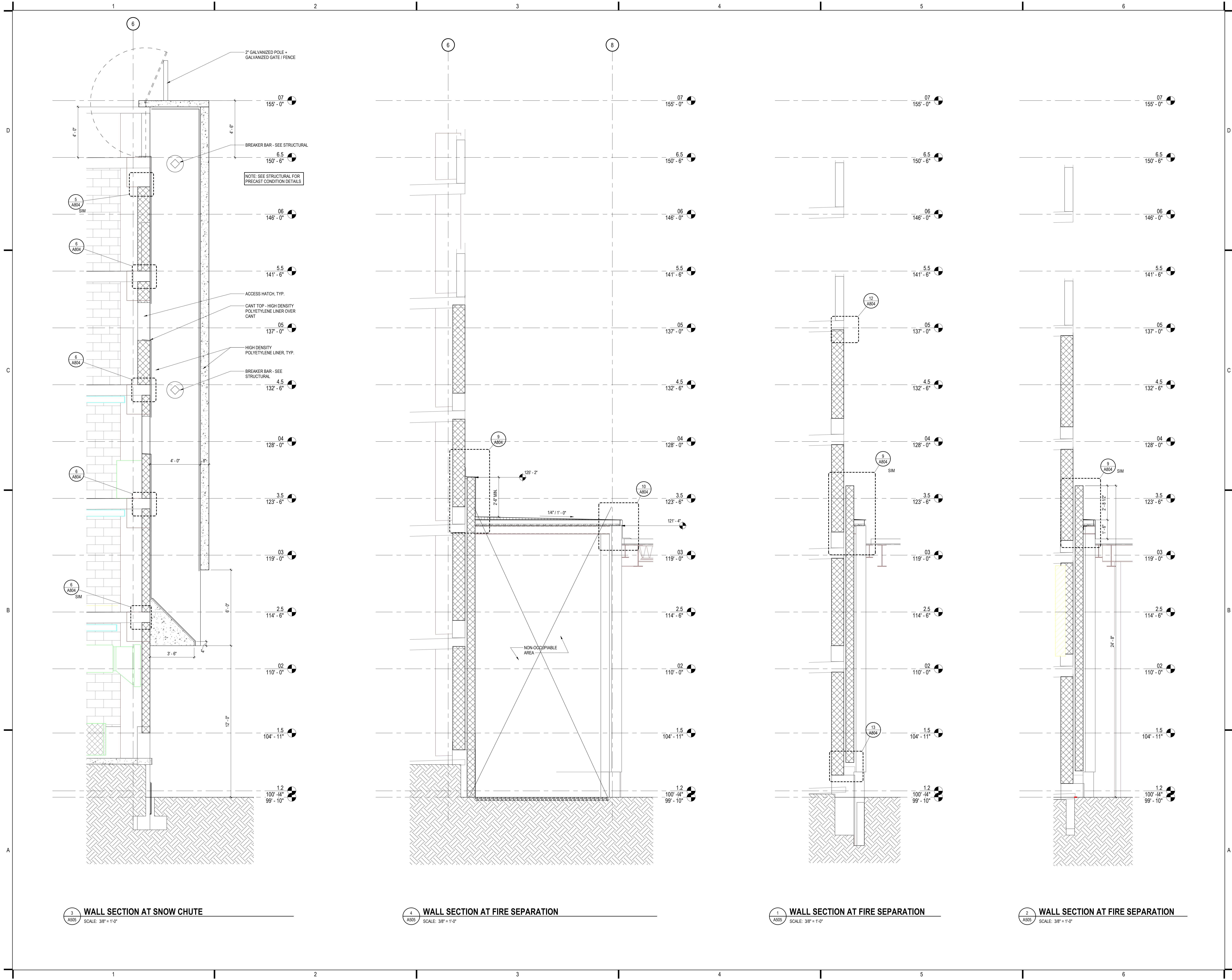


4 WALL SECTION AT WEST METAL PANELS
SCALE: 3/8" = 1'-0"



5 WALL SECTION AT ELECTRICAL ROOMS
SCALE: 3/8" = 1'-0"

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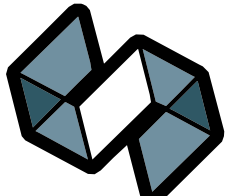


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PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023

BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

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DRAWN BY: AJH

CHECKED BY: WAS

APPROVED BY: PT

SCALE: AS NOTED

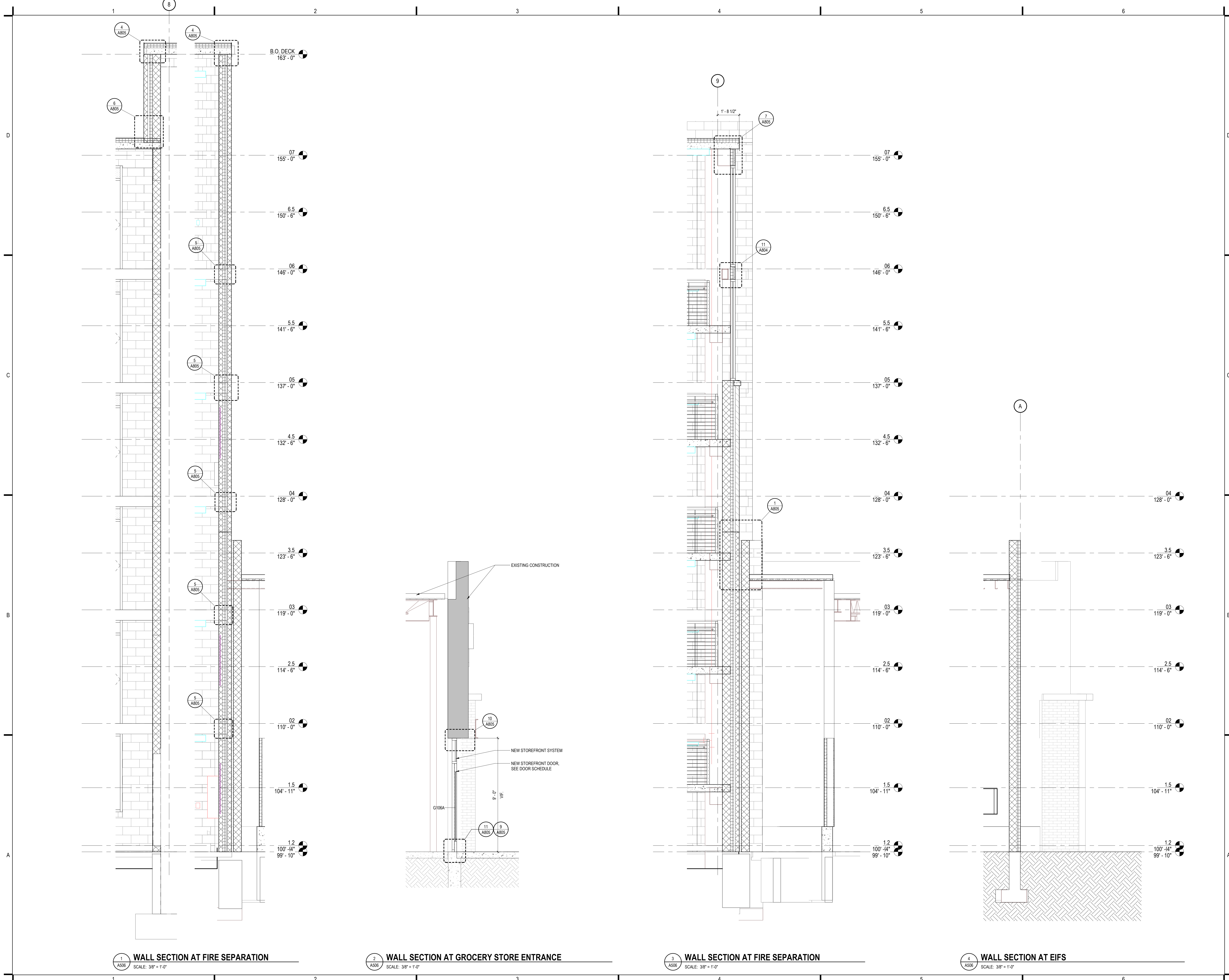
SHEET TITLE:

WALL SECTIONS

SHEET NUMBER:

A505

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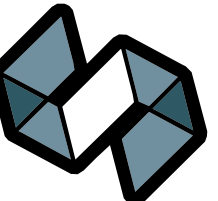
SCALE: AS NOTED

SHEET TITLE:

WALL SECTIONS

SHEET NUMBER:

A506



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MADISON, WI 53713

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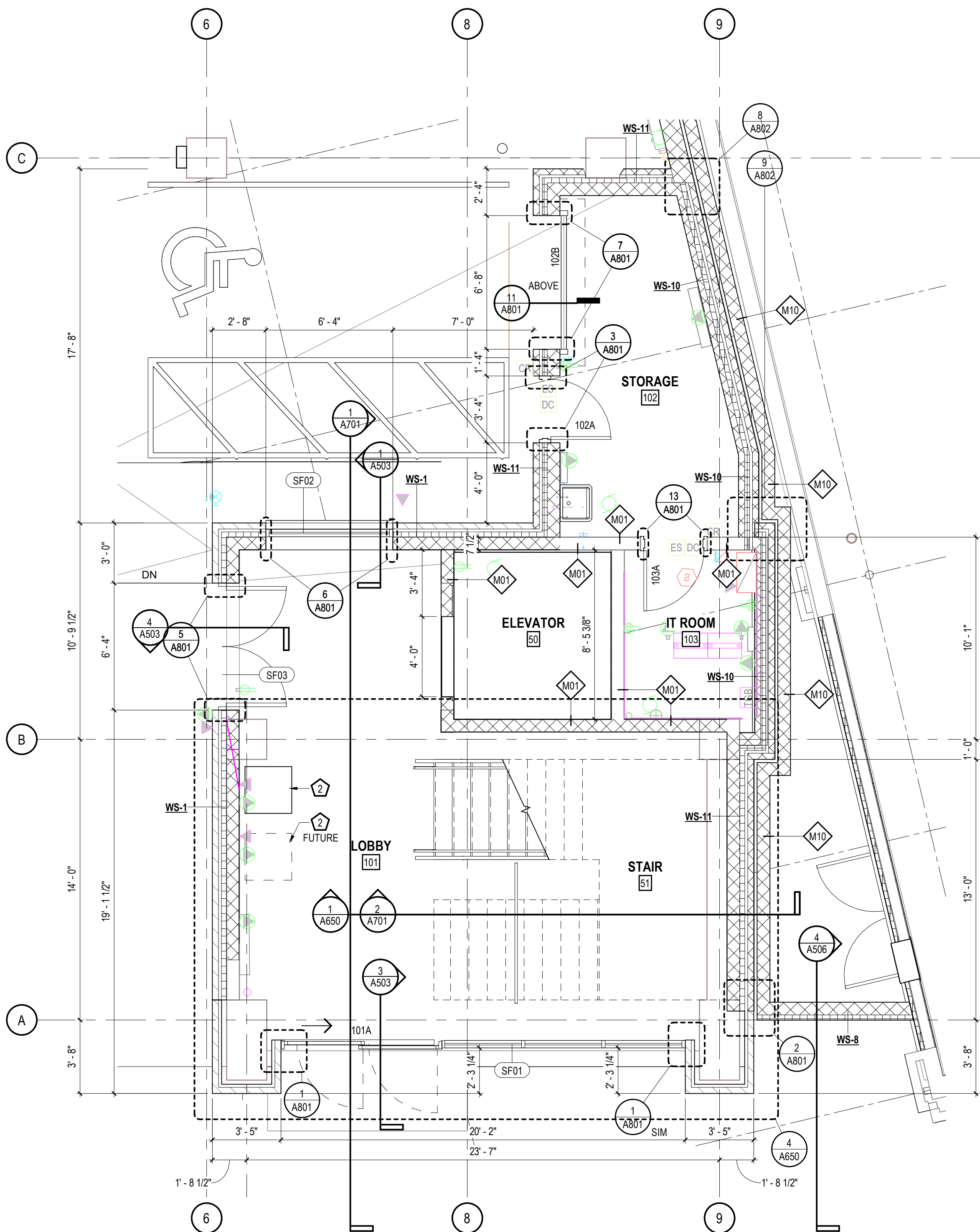
DRAWN BY: AJH

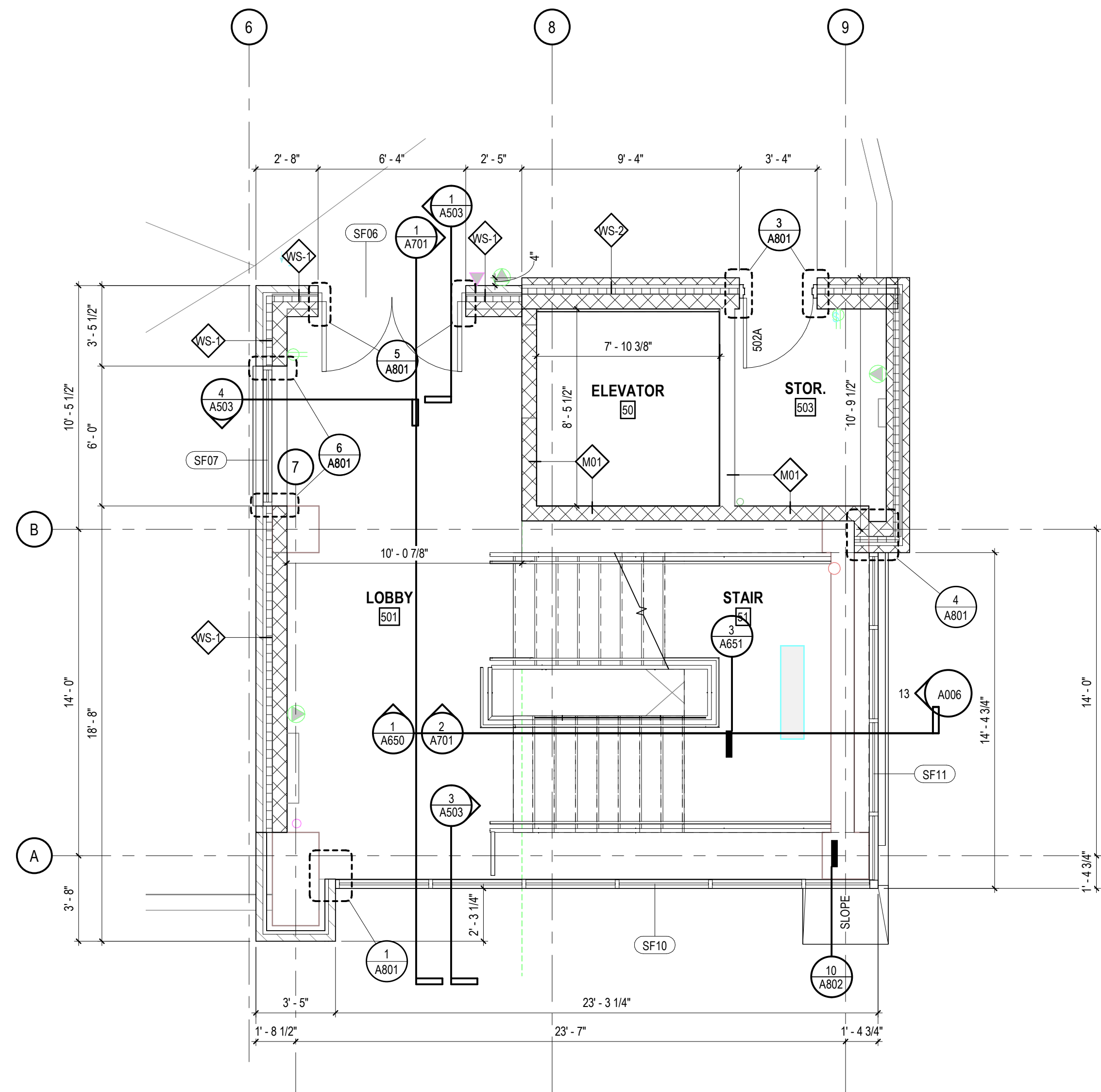
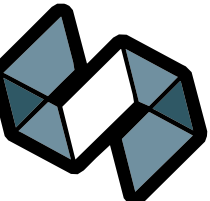
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SCALE: AS NOTED

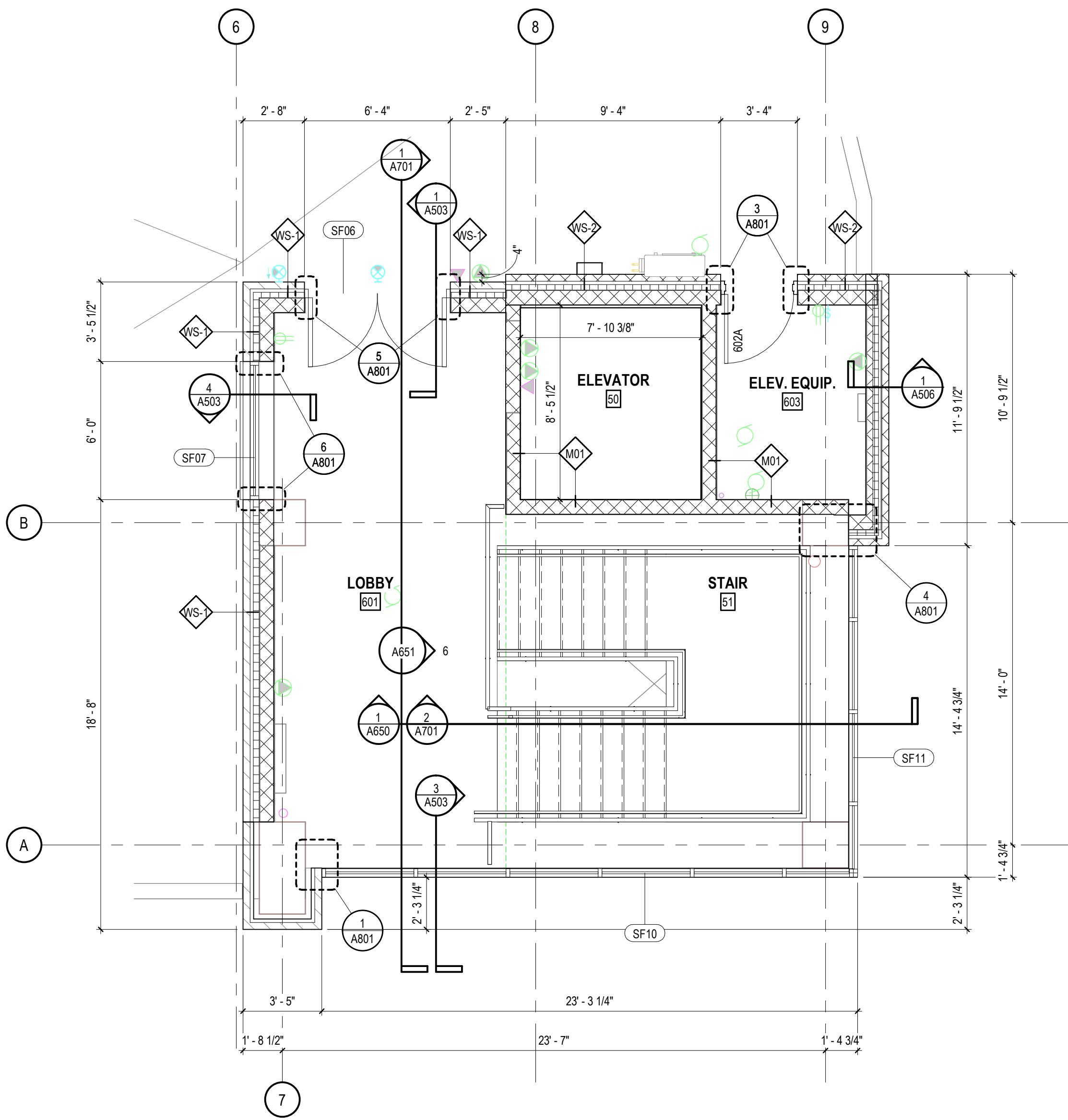
ENLARGED FLOOR PLANS





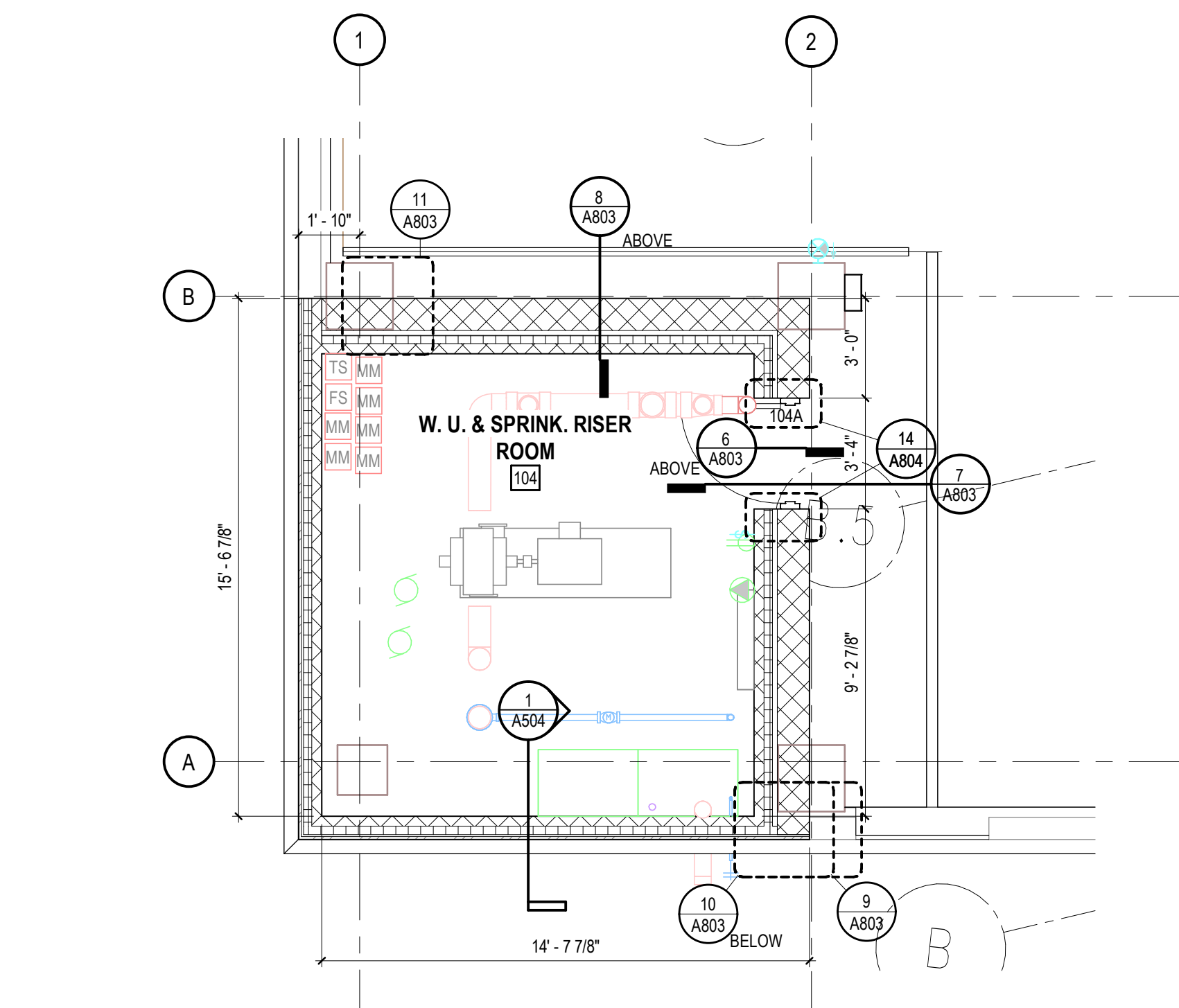
1 STAIR AND ELEVATOR LOBBY - LEVEL 5

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



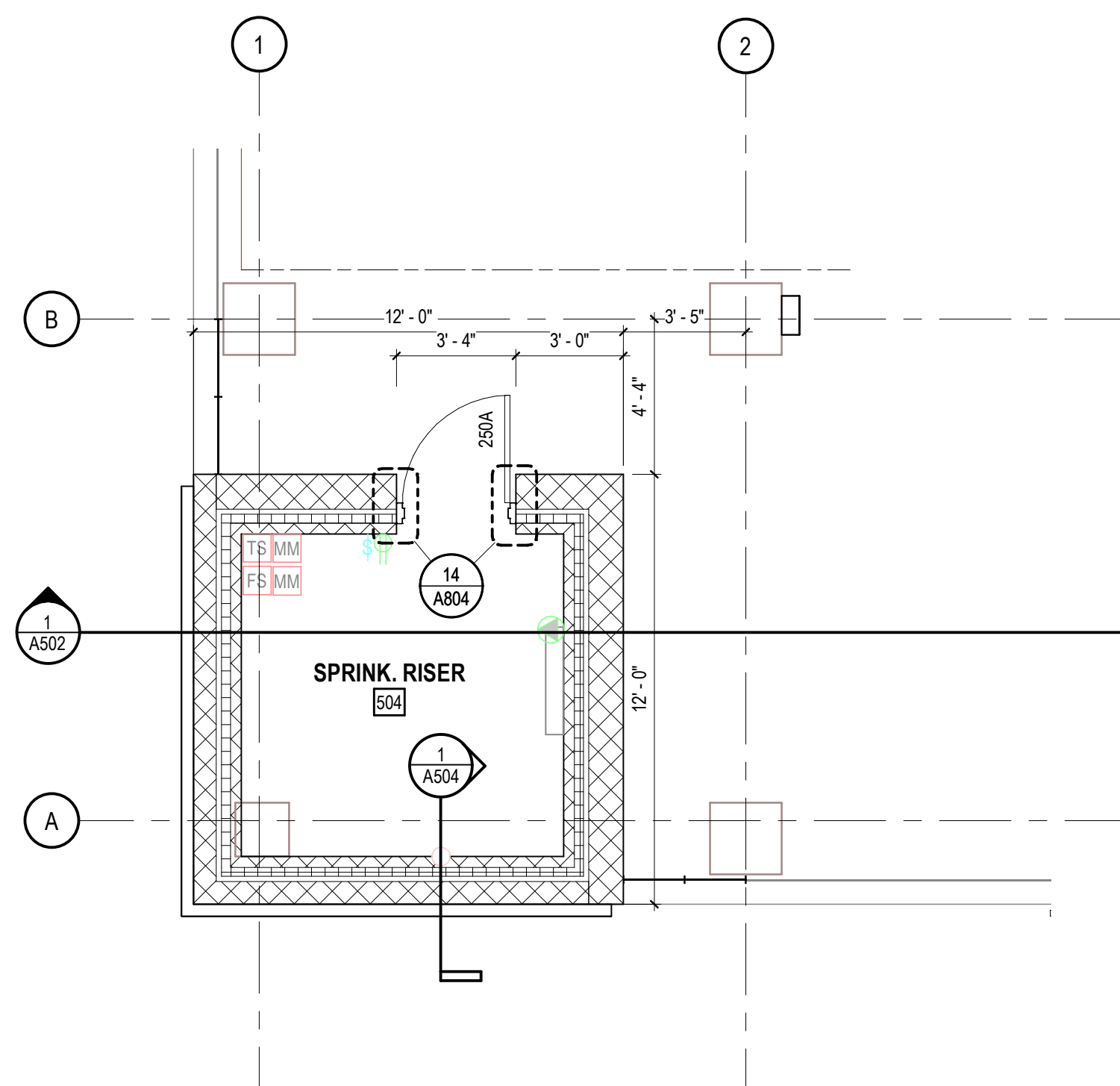
2 STAIR AND ELEVATOR LOBBY - LEVEL 6

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



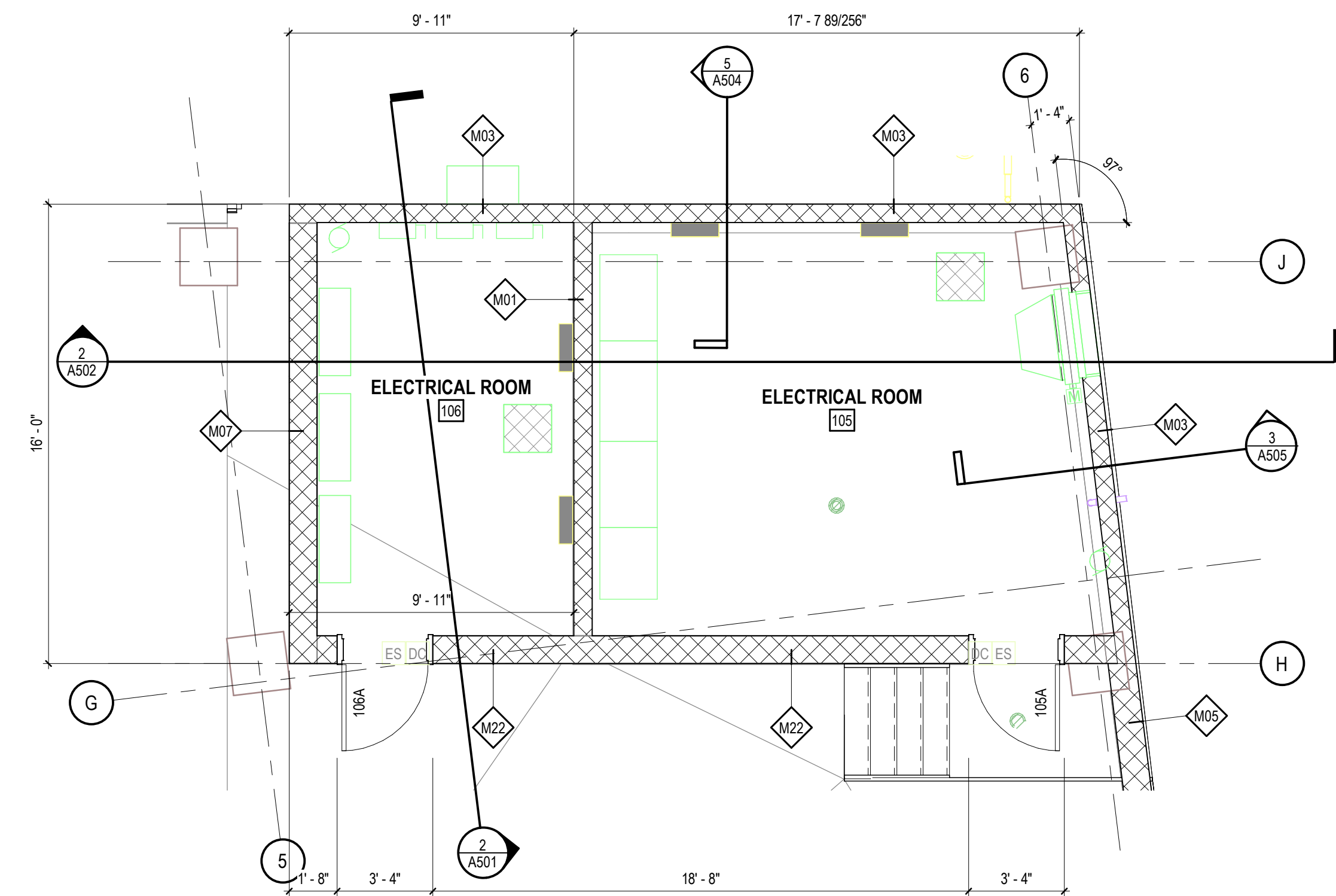
1 SPRINKLER RISER ROOM

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



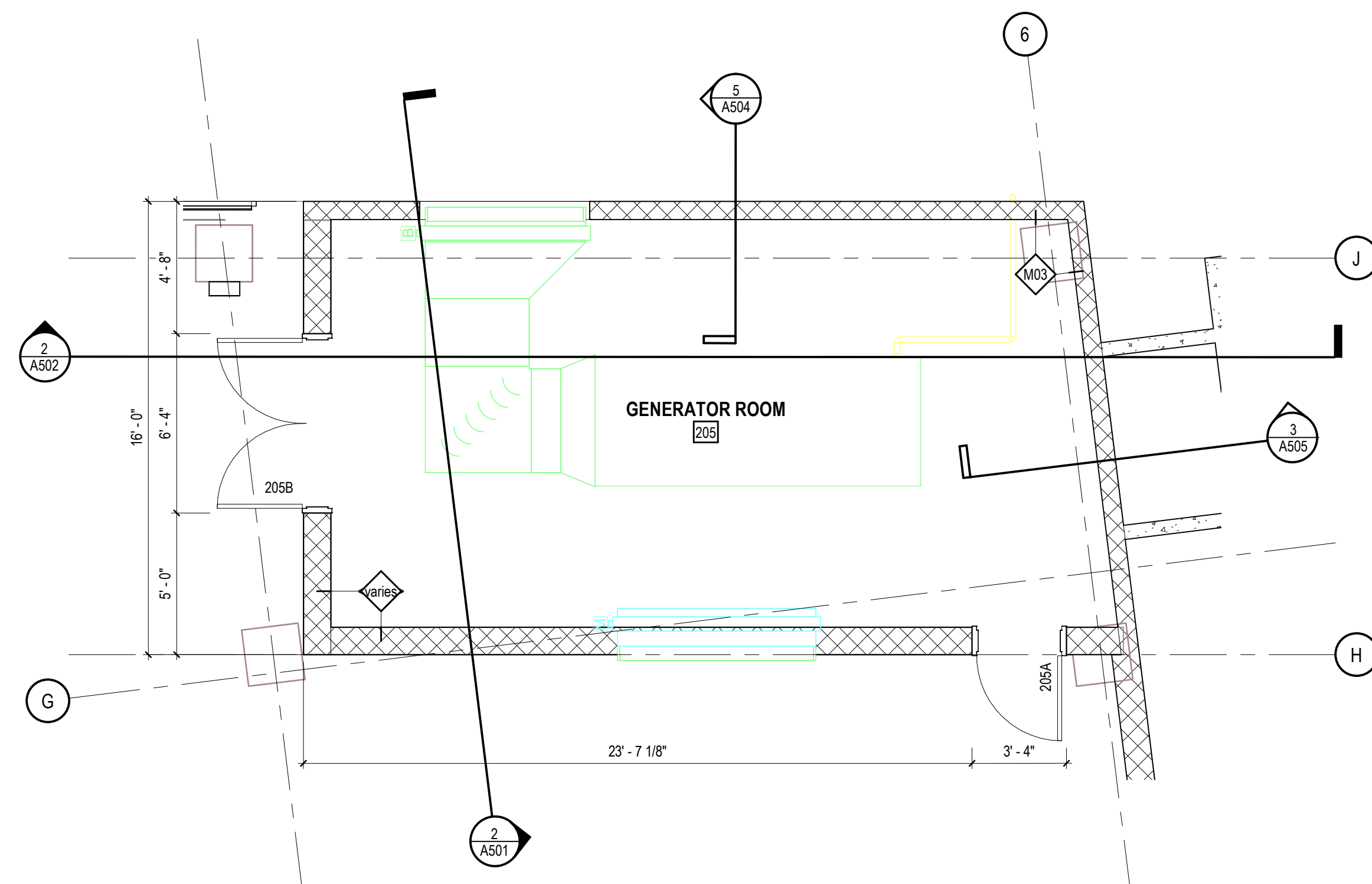
2 TYPICAL SPRINKLER RISER ROOM 204-504

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



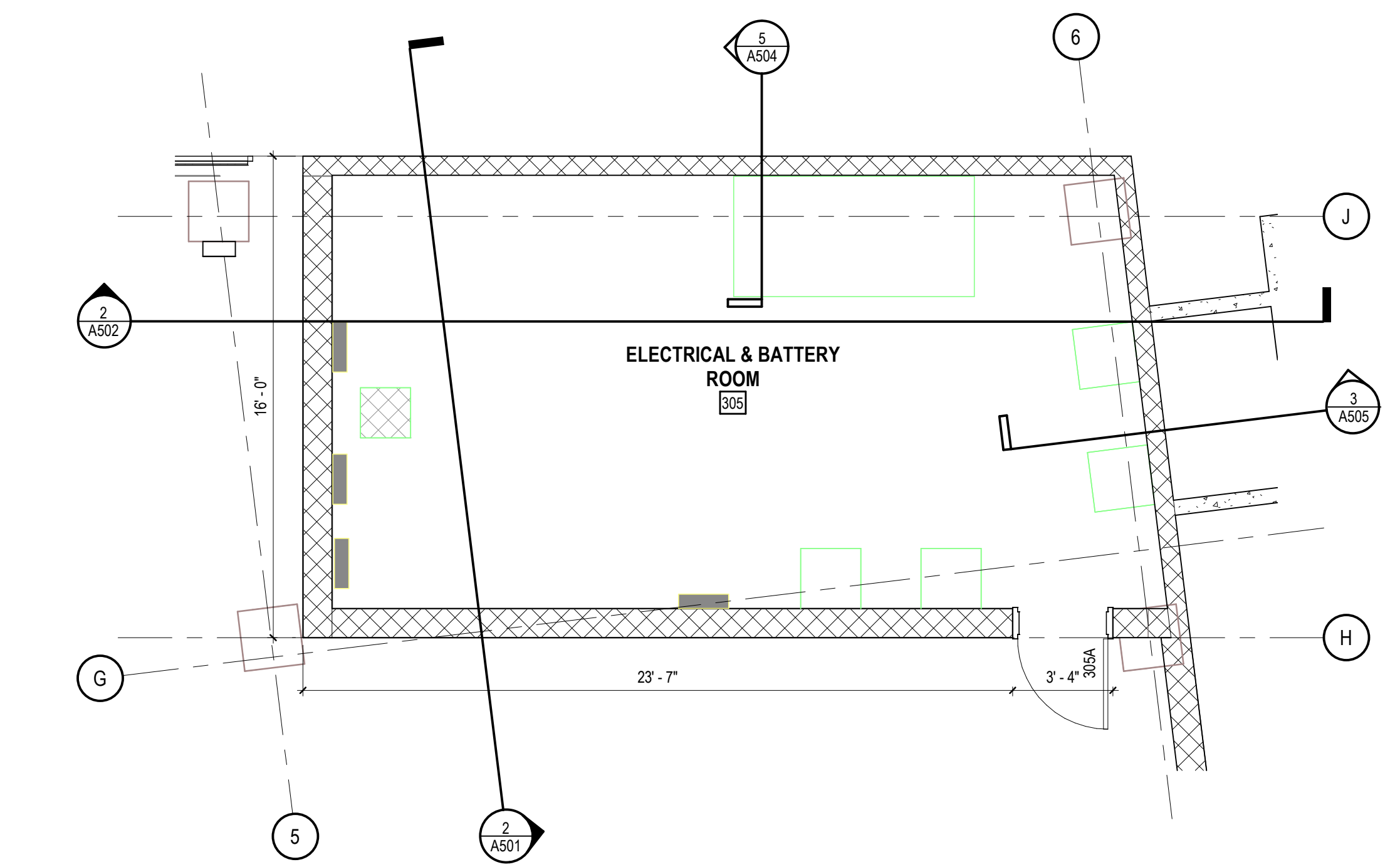
3 ELECTRICAL ROOM 105

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



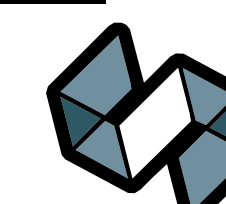
4 GENERATOR ROOM 205

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



5 ELECTRICAL ROOM 305

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



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PROJECT TITLE:

VILLAGE ON PARK PARKING STRUCTURE AND SITE IMPROVEMENTS

808 HUGHES PLACE
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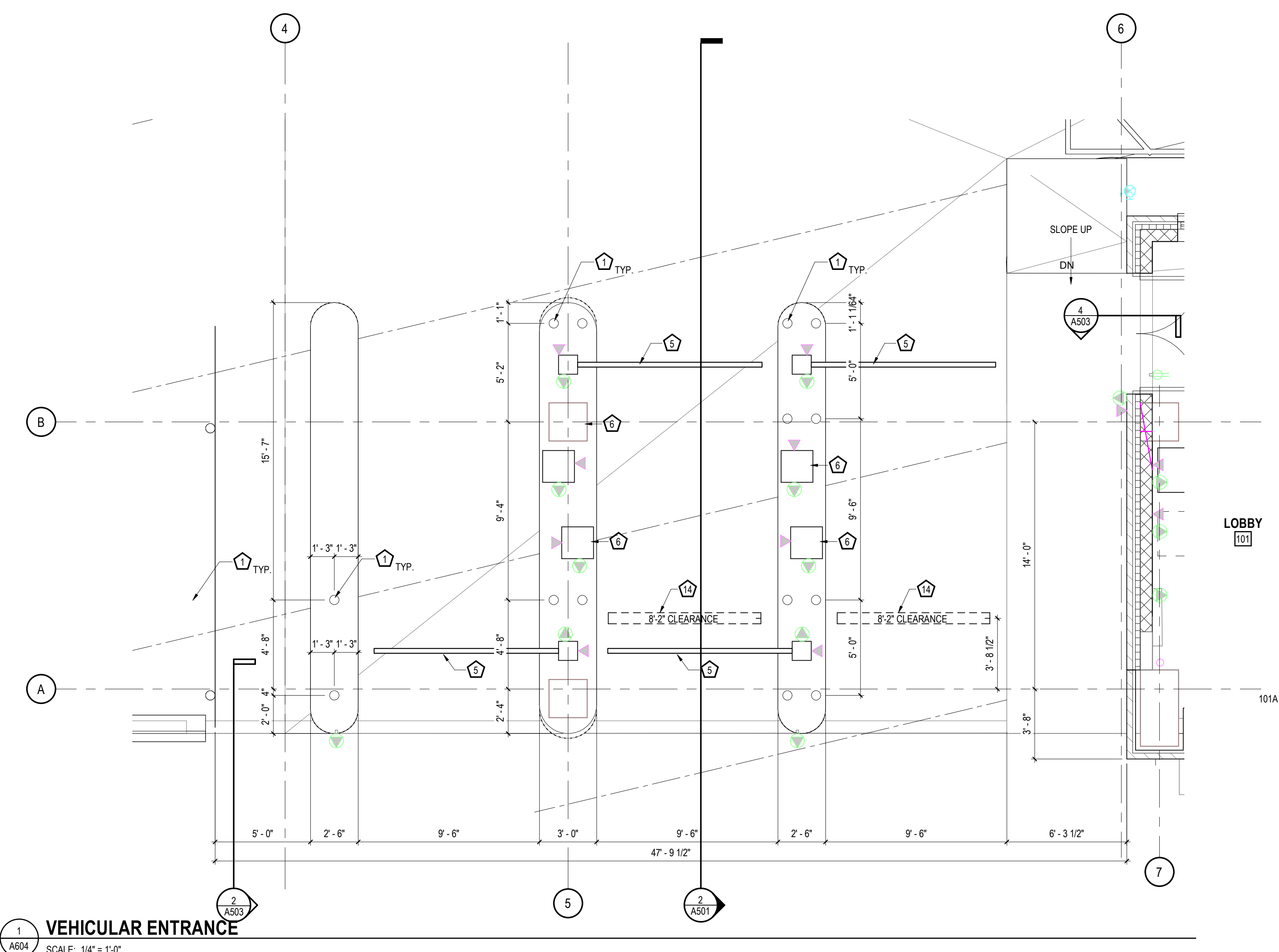
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SHEET TITLE:

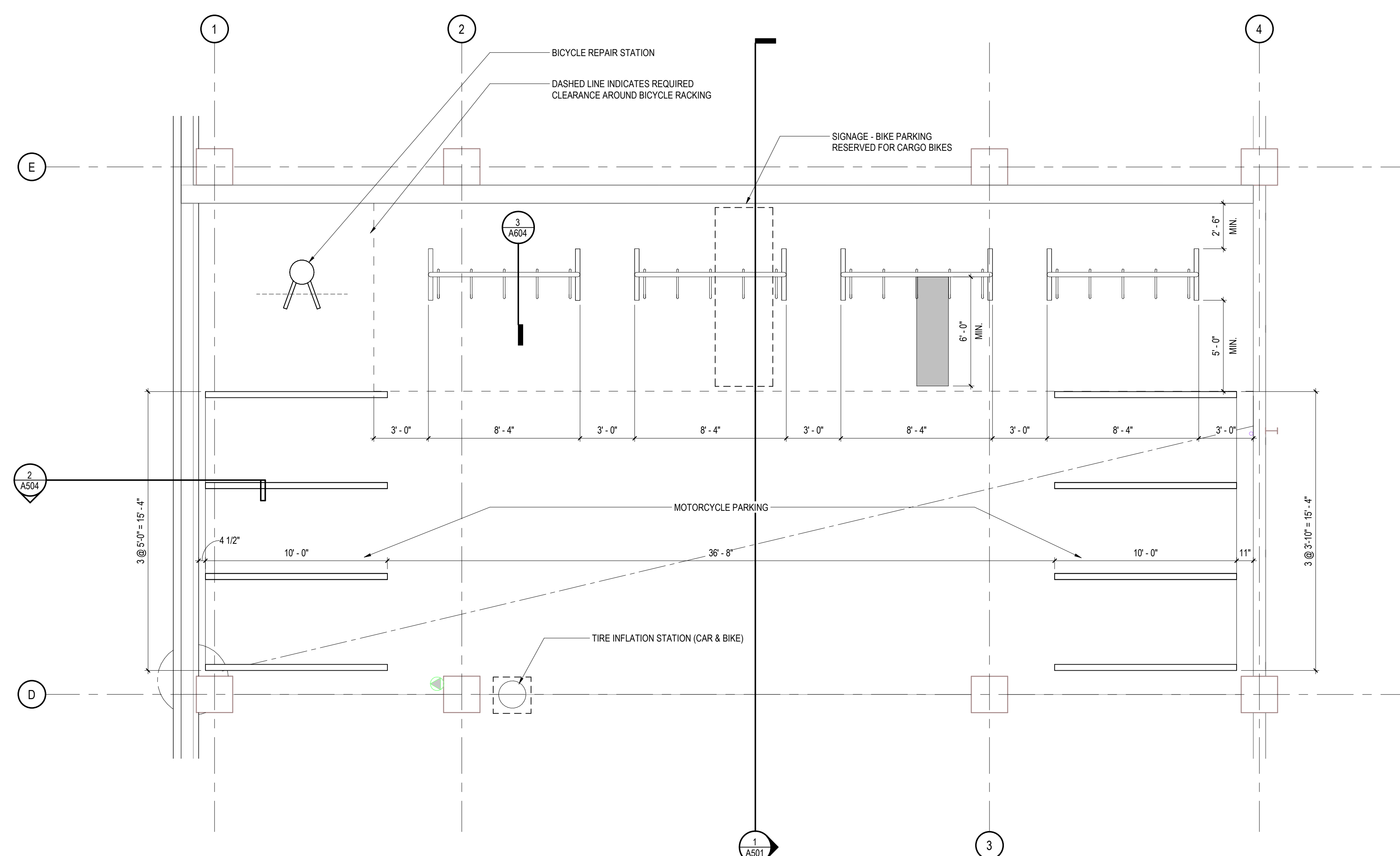
ENLARGED FLOOR PLANS

SHEET NUMBER:

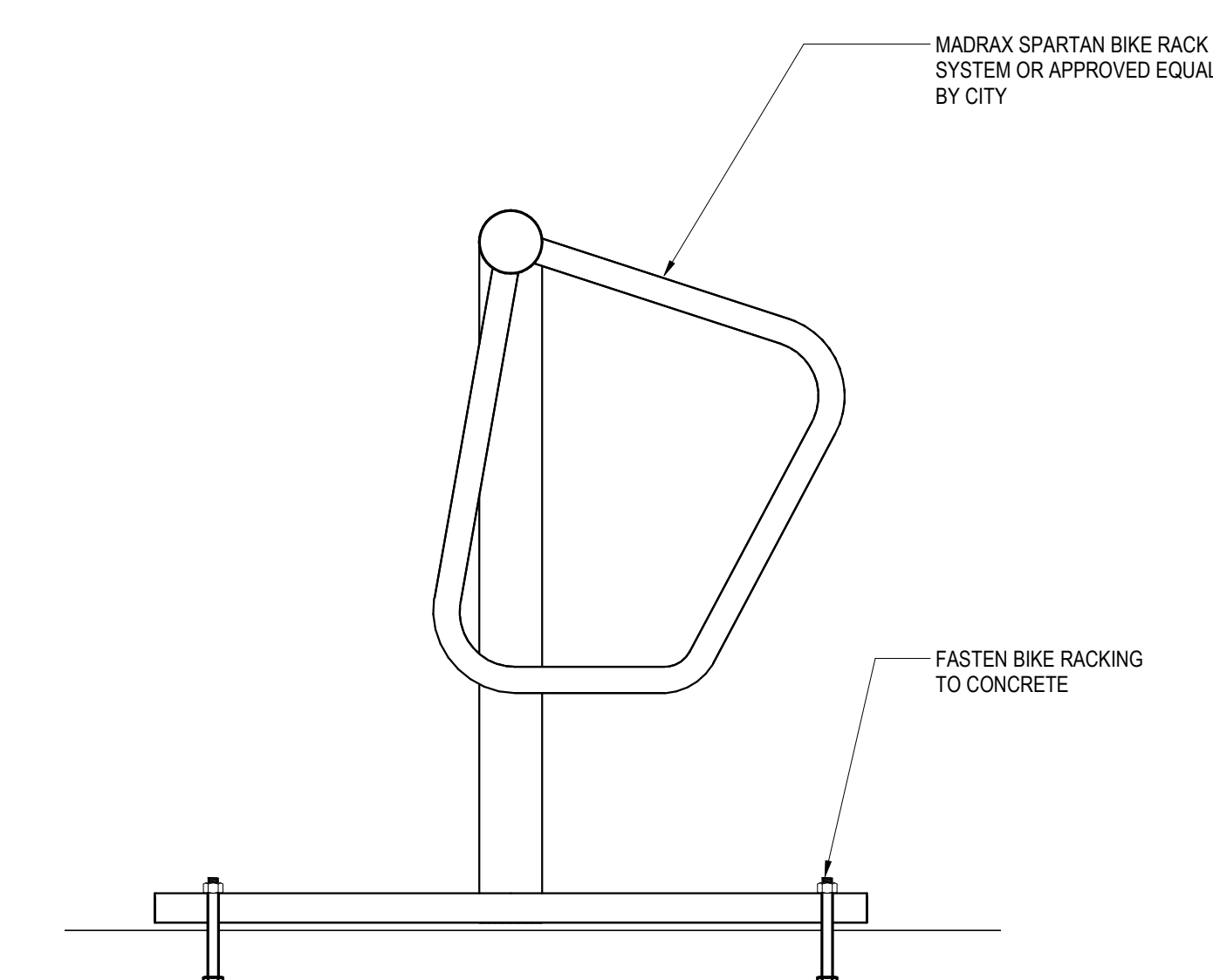
A604



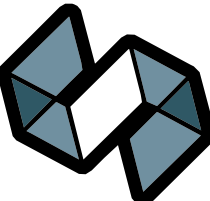
1 **VEHICULAR ENTRANCE**
A604 SCALE: 1/4" = 1'-0"



2 BIKE PARKING
A604 SCALE: 1/4" = 1'-0"



3 BIKE RACK DETAIL
A604 SCALE: 1 1/2" = 1'-0"



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VILLAGE ON PARK PARKING
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MADISON, WI 53713

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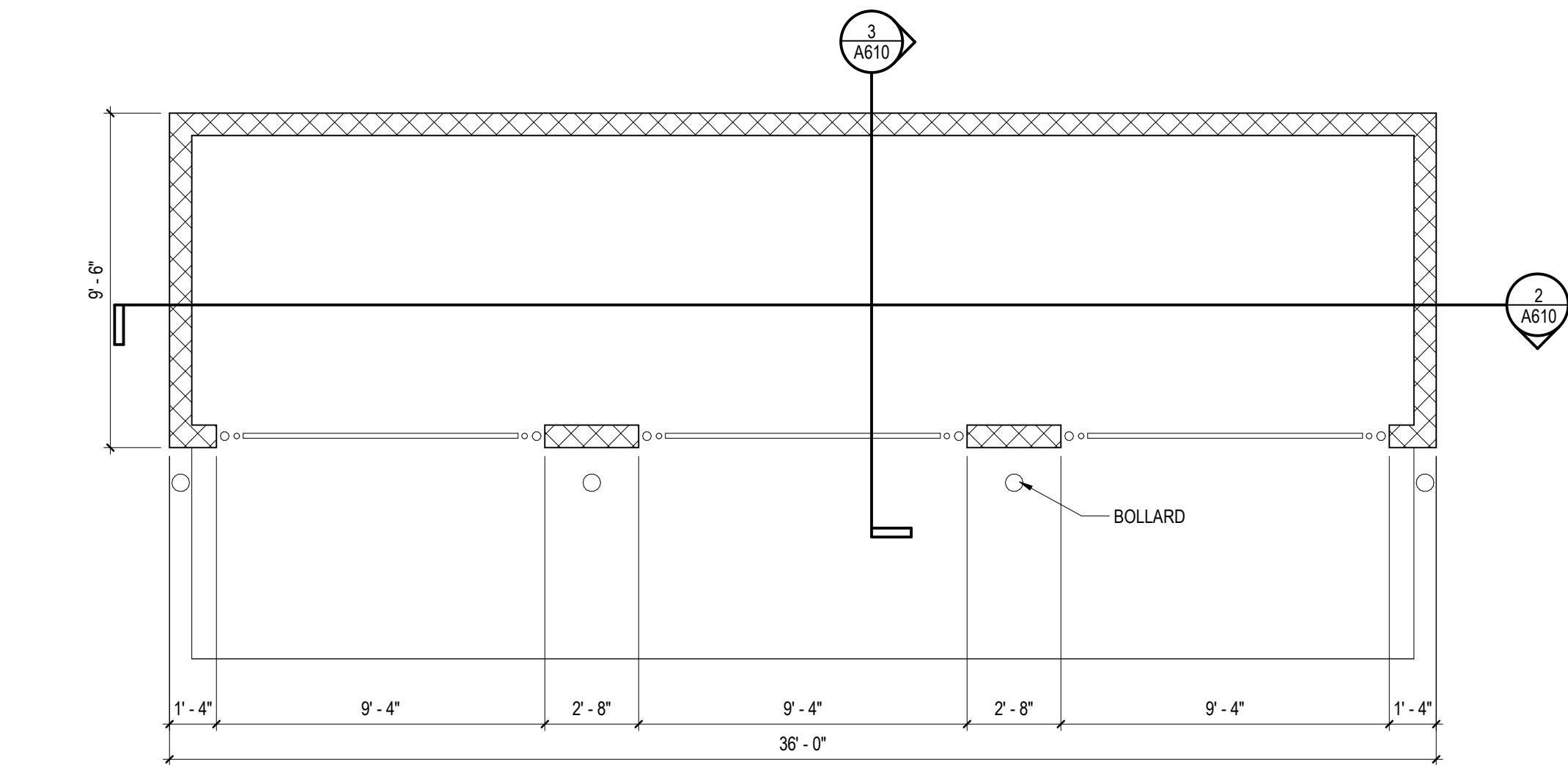
DRAWN BY: AJH

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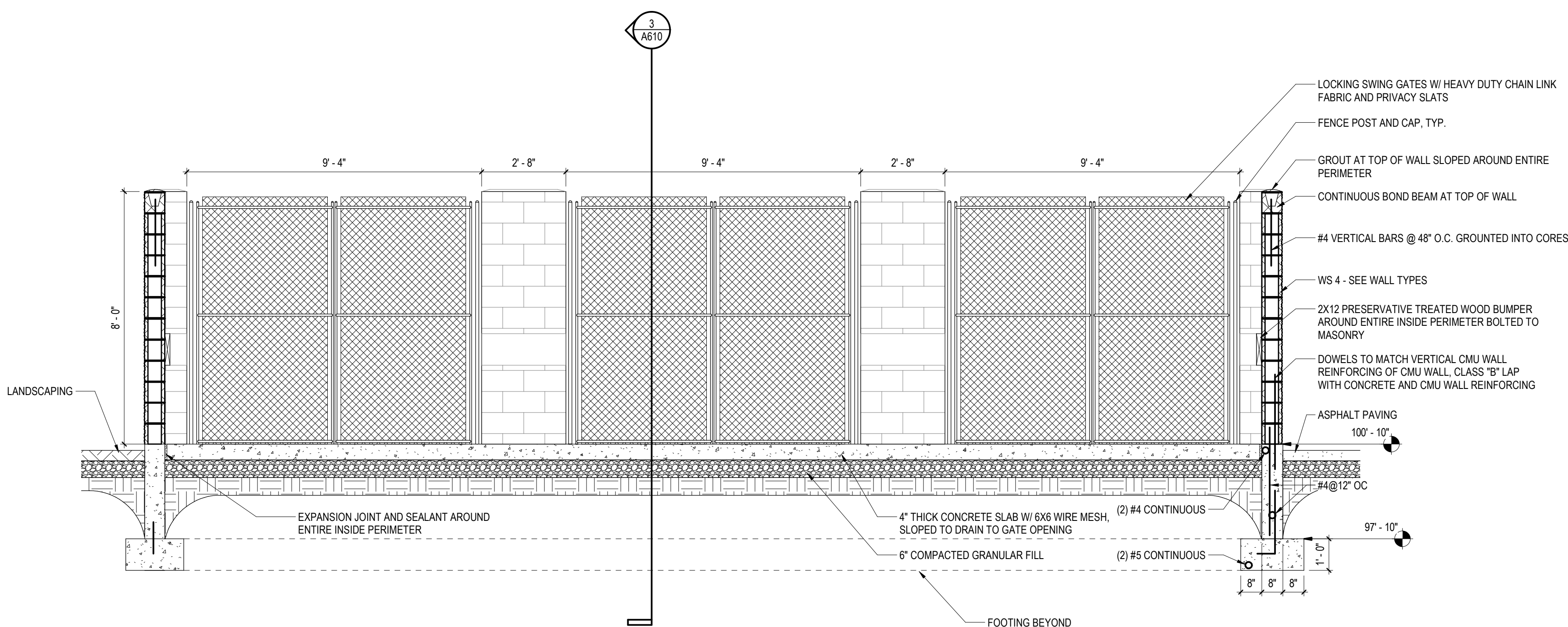
APPROVED BY: PT

SCALE: AS NOTED

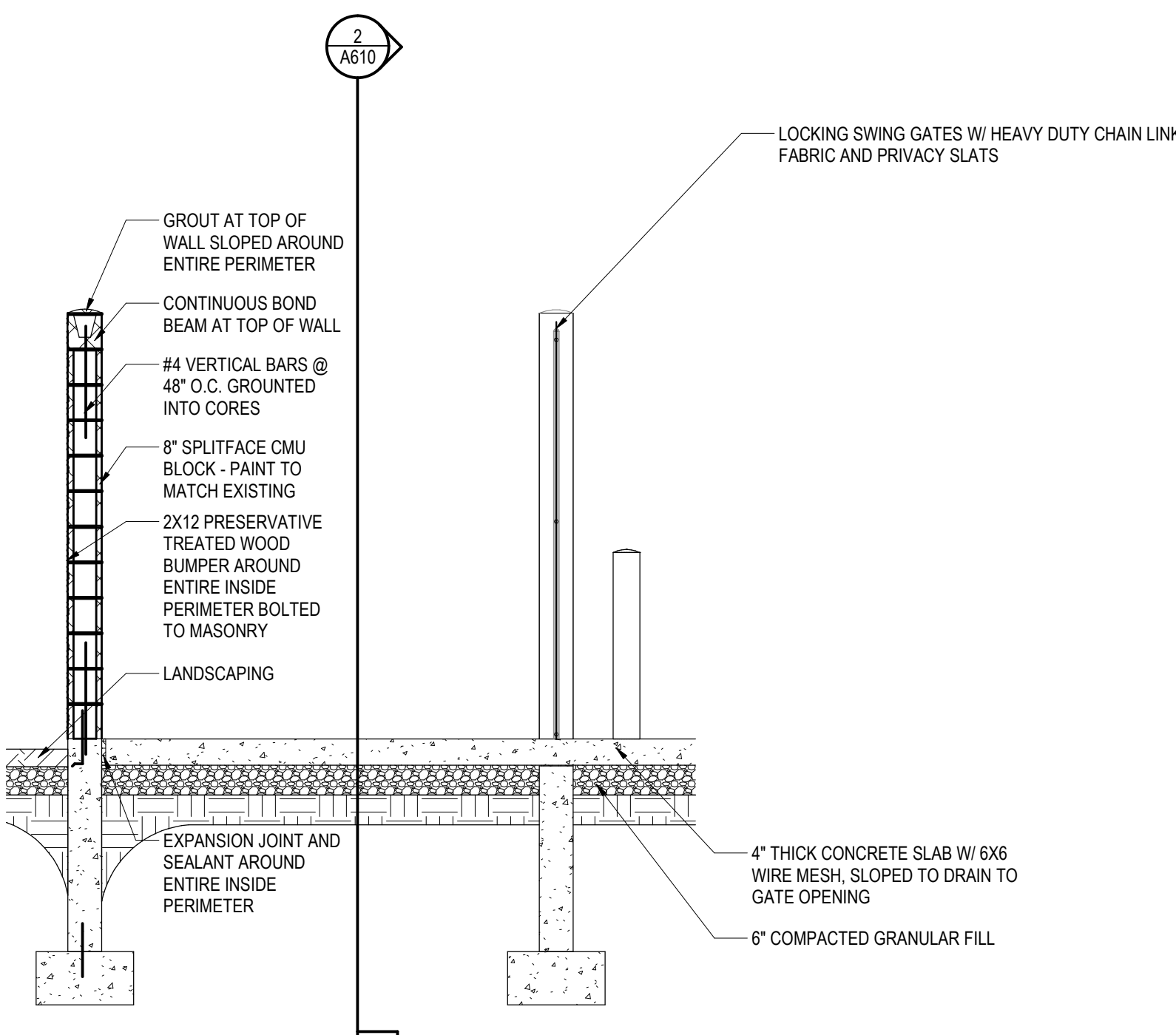
DUMPSTER ENCLOSURE PLANS
AND DETAILS



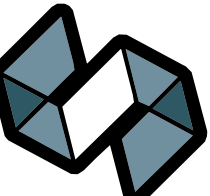
1 DUMPSTER ENCLOSURE PLAN
SCALE: 1/4" = 1'-0"



2 SECTION THRU DUMPSTER ENCLOSURE - LOOKING EAST
SCALE: 3/8" = 1'-0"



3 SECTION THRU DUMPSTER ENCLOSURE - LOOKING NORTH
SCALE: 3/8" = 1'-0"



4 STAIR PLAN - LEVEL 1 - STAIR 151

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

6 STAIR PLAN - LEVEL 2 THRU 5 - STAIR 51

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

1 STAIR SECTION - STAIR 51

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

5 STAIR PLAN - LEVEL 2.5 THRU LEVEL 5.5 - STAIR 53

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

2 STAIR SECTION - STAIR 53

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

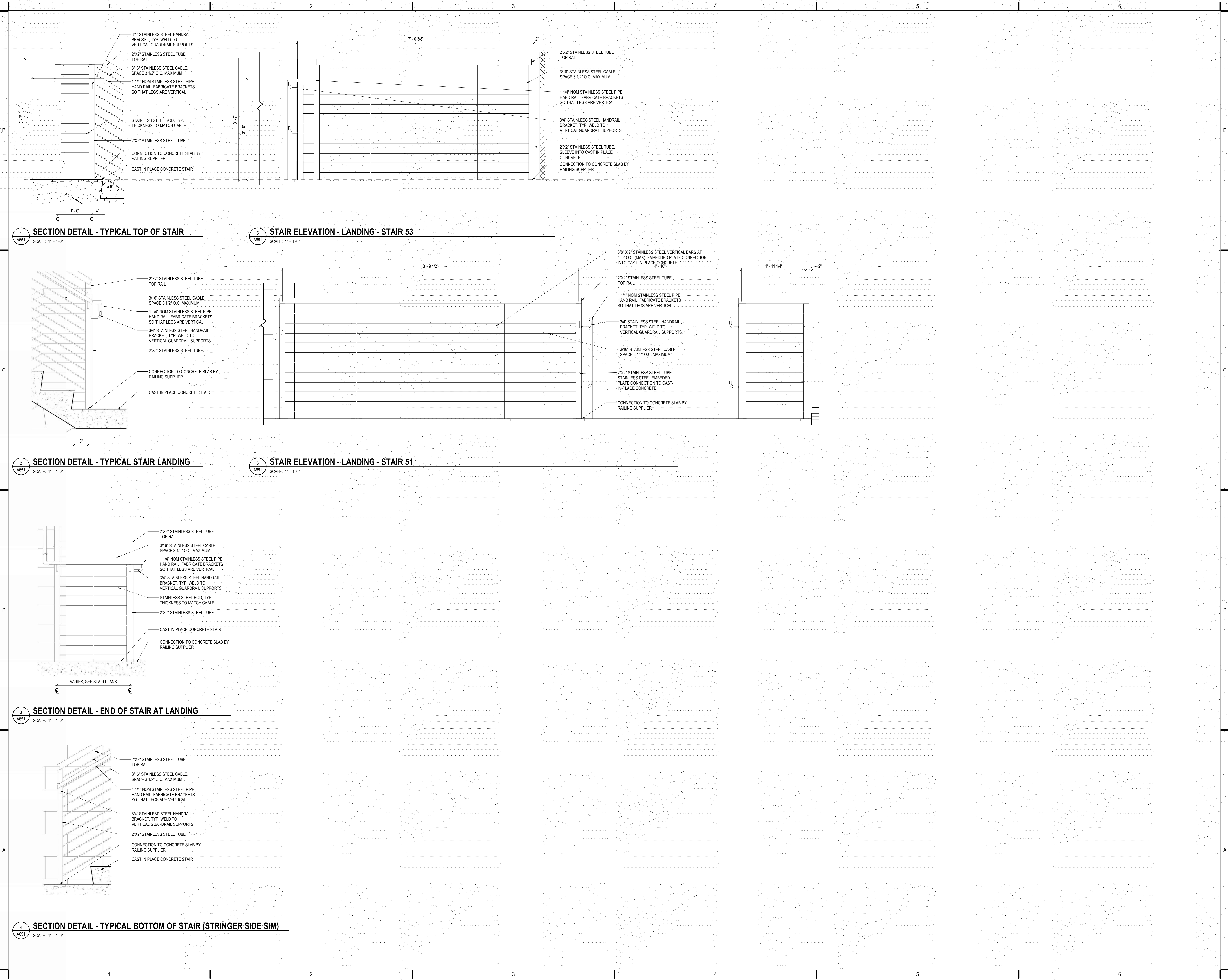
7 STAIR PLAN - LEVEL 6 - STAIR 51

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

8 STAIR PLAN - LEVEL 6 - STAIR 53

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

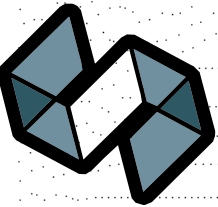
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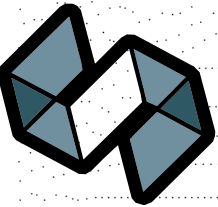
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DATE: 07/28/2023
DRAWN BY: AJH
CHECKED BY: WAS
APPROVED BY: PT
SCALE: AS NOTED

SHEET TITLE:

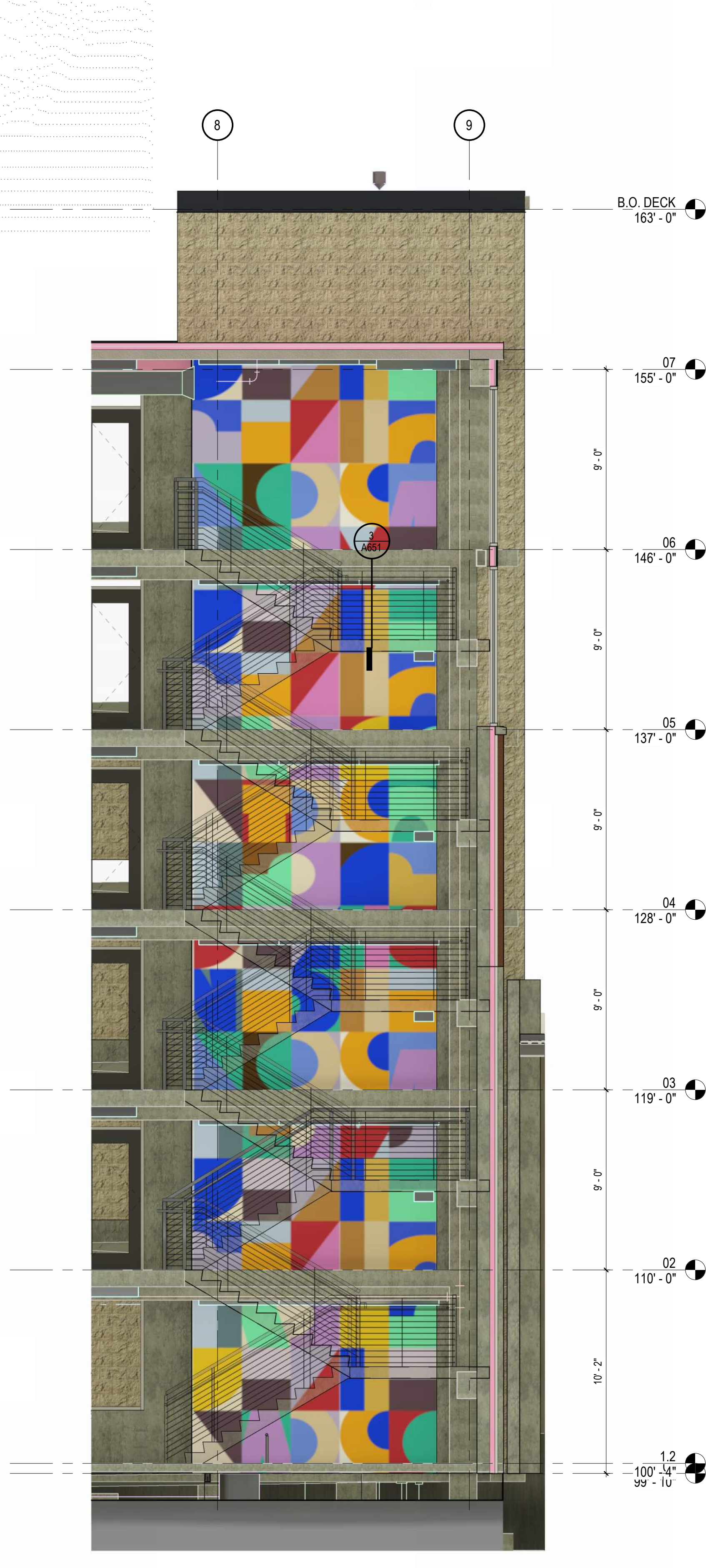
STAIR DETAILS

SHEET NUMBER:

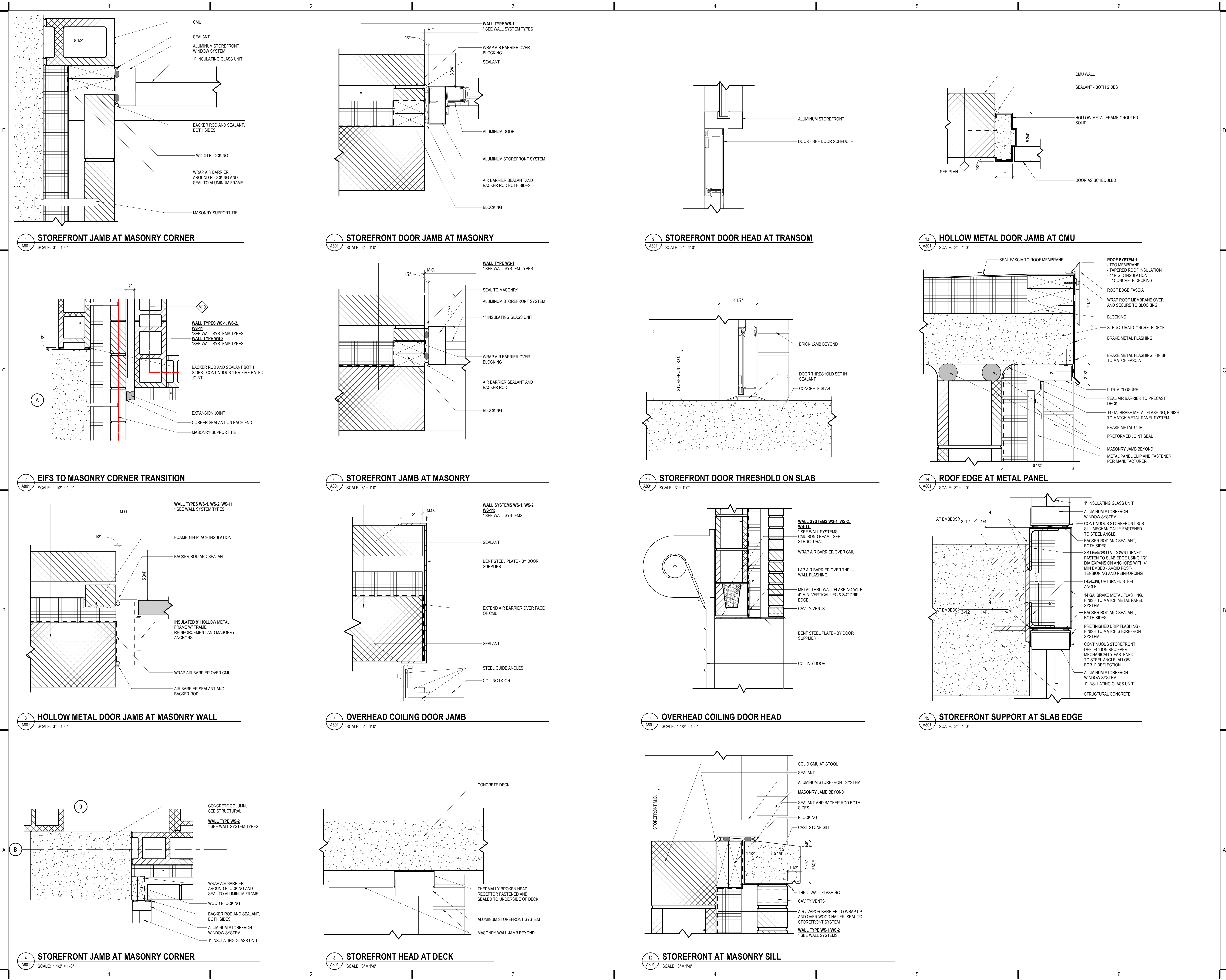
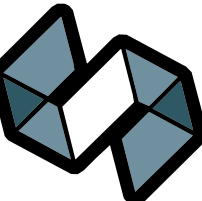
A651



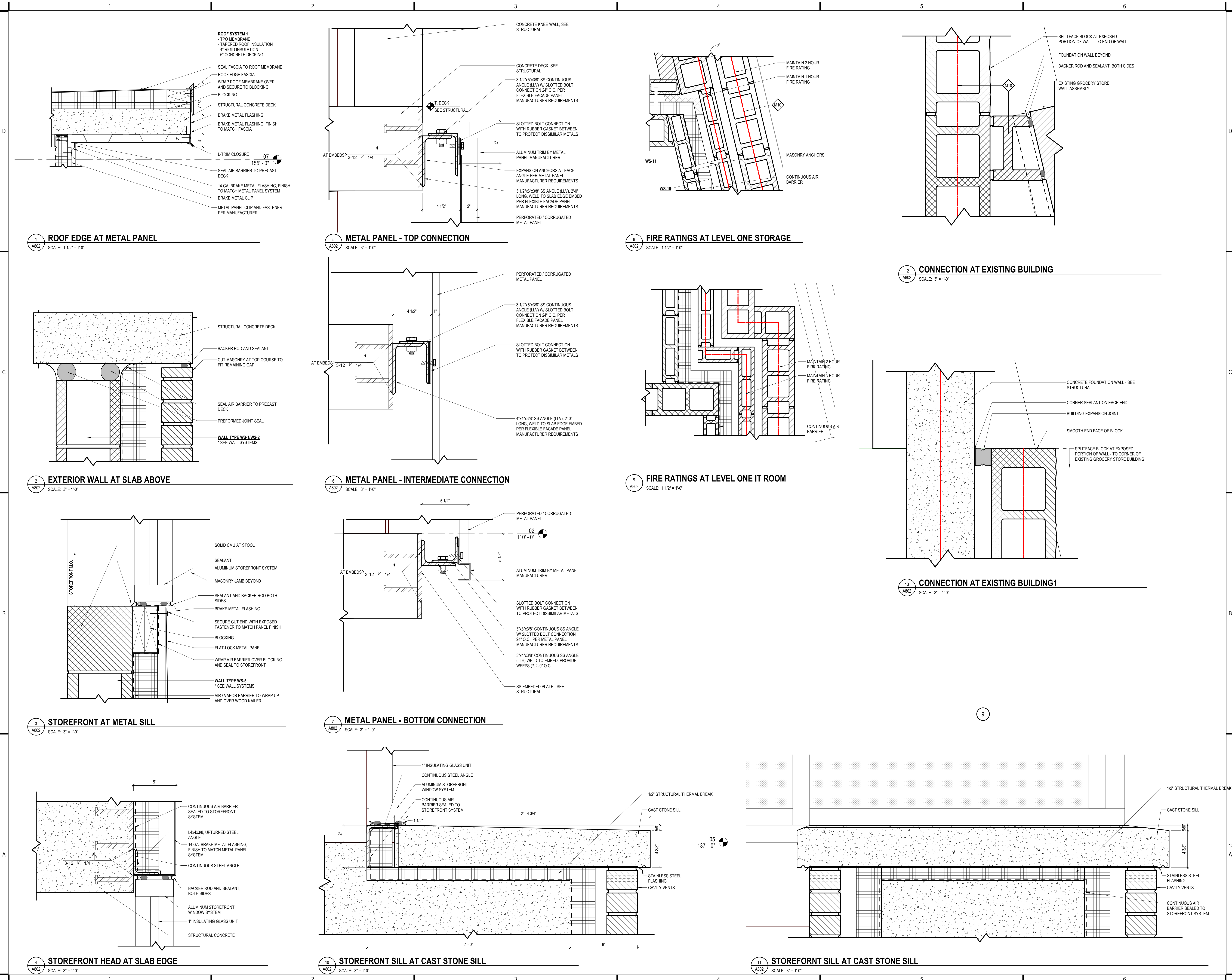
1 A701 STAIR ART - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



2 A701 STAIR ART - EAST ELEVATION
SCALE: 1/4" = 1'-0"



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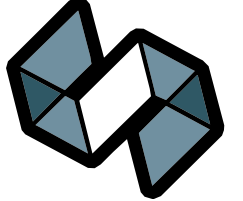


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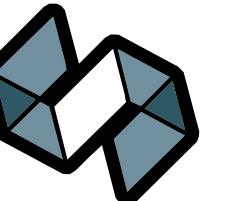
SCALE: AS NOTED

SHEET TITLE:

EXTERIOR DETAILS

SHEET NUMBER:

A802



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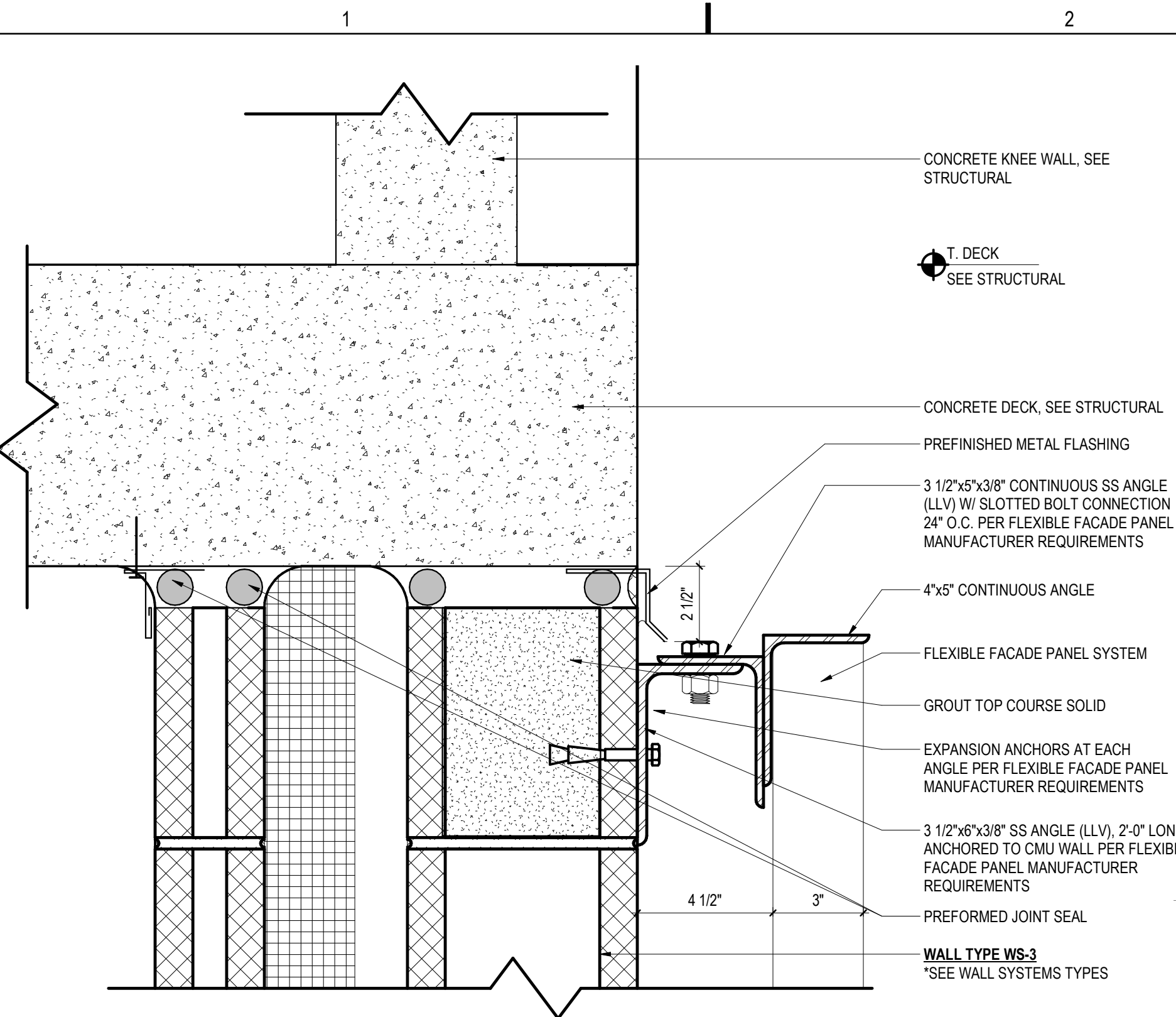
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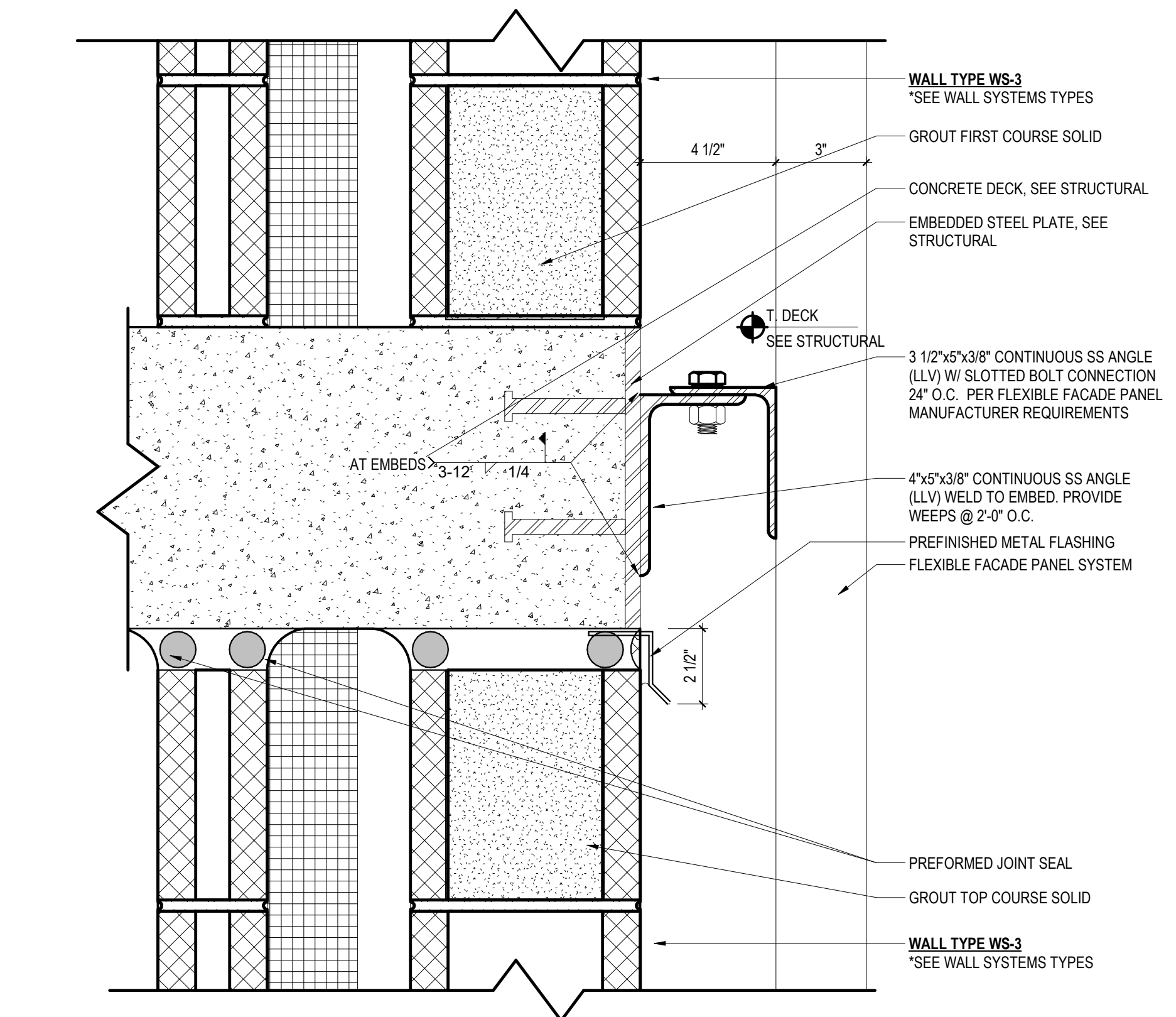
SCALE: AS NOTED

EXTERIOR DETAILS



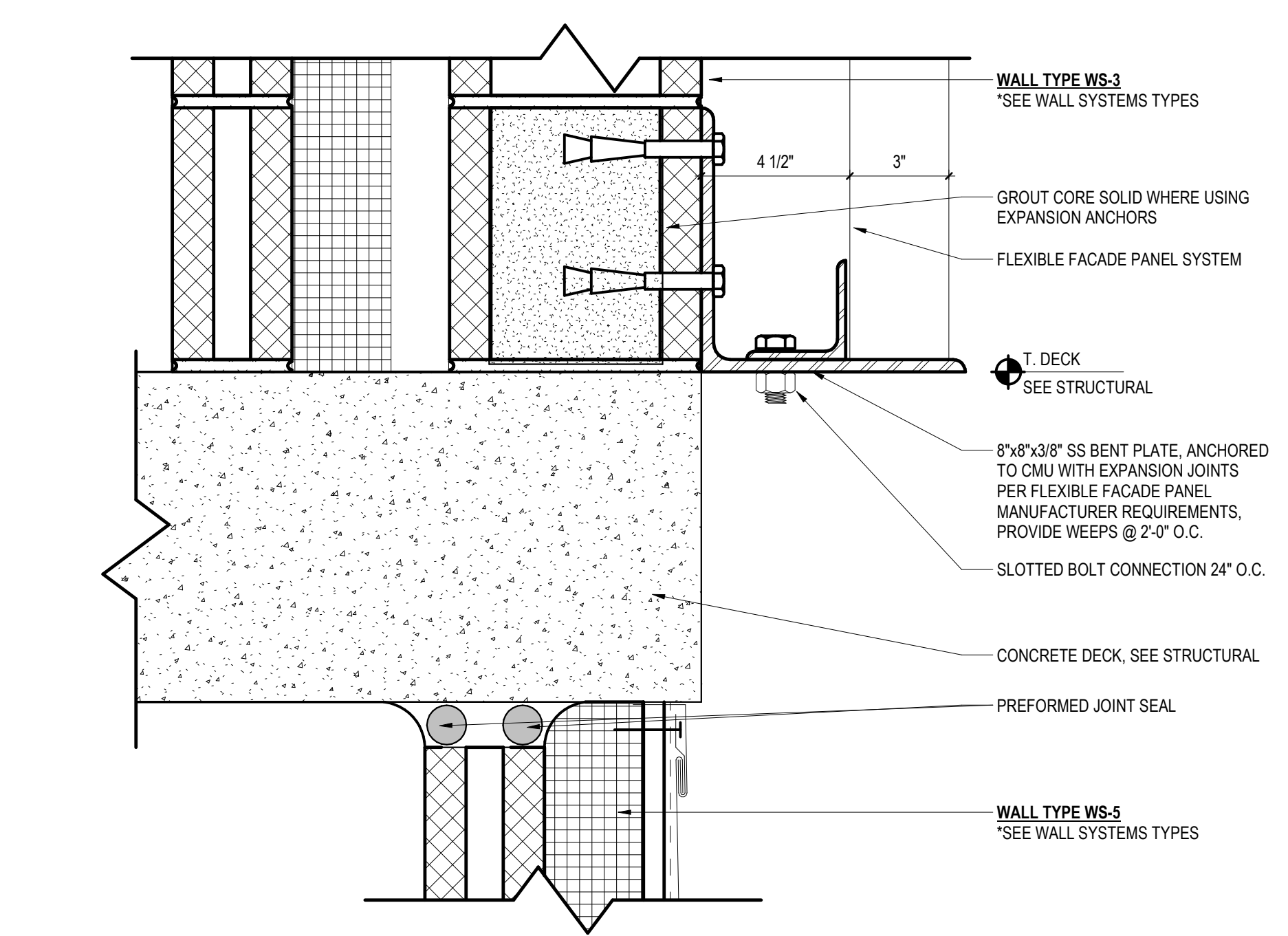
1 T.O. WALL AT SPRINKLER RISER

SCALE: 3" = 1'-0"



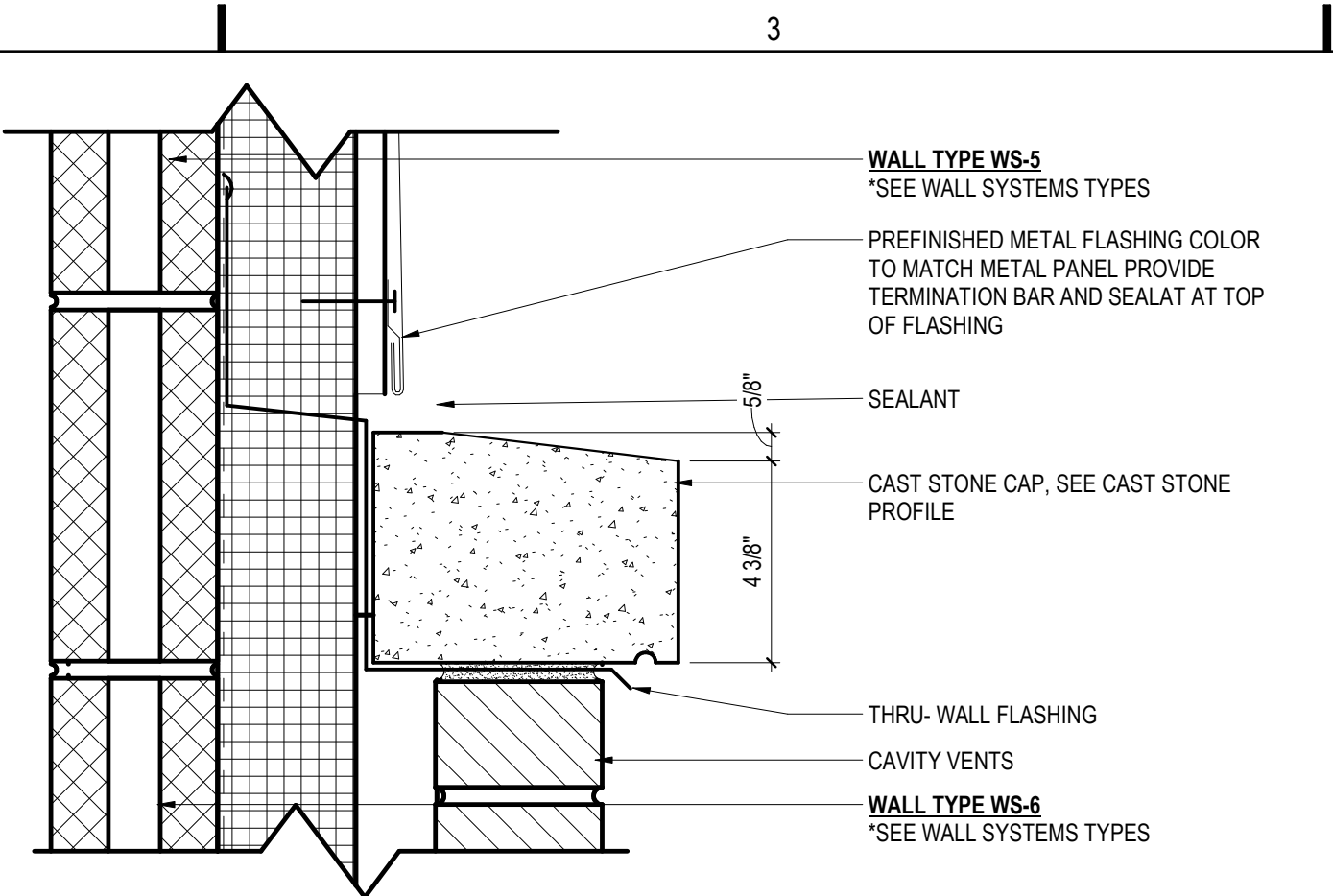
2 TYP. B.O. & T.O. WALL AT SPRINKLER RISER

SCALE: 3" = 1'-0"



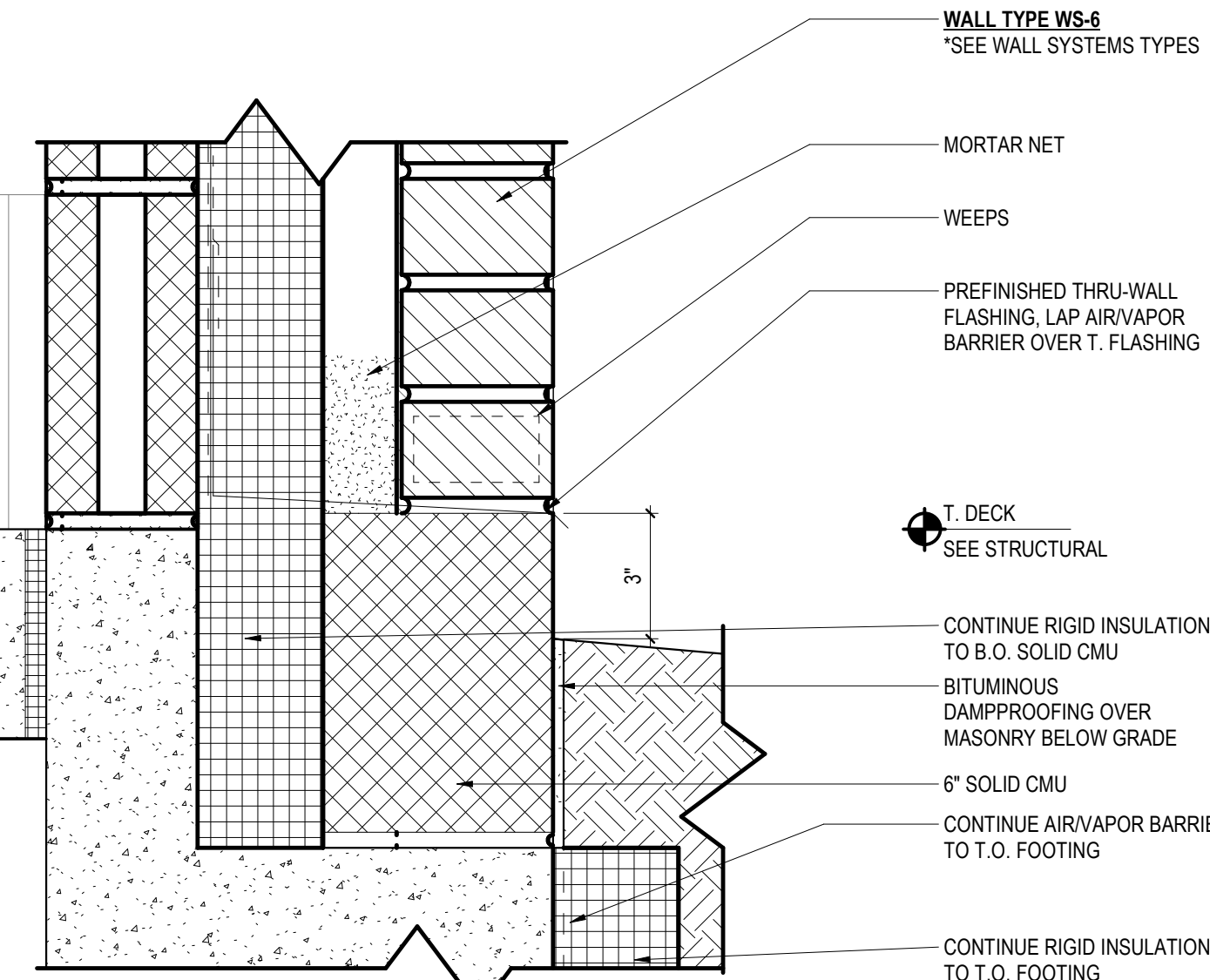
3 FLEX FACADE TO MP

SCALE: 3" = 1'-0"



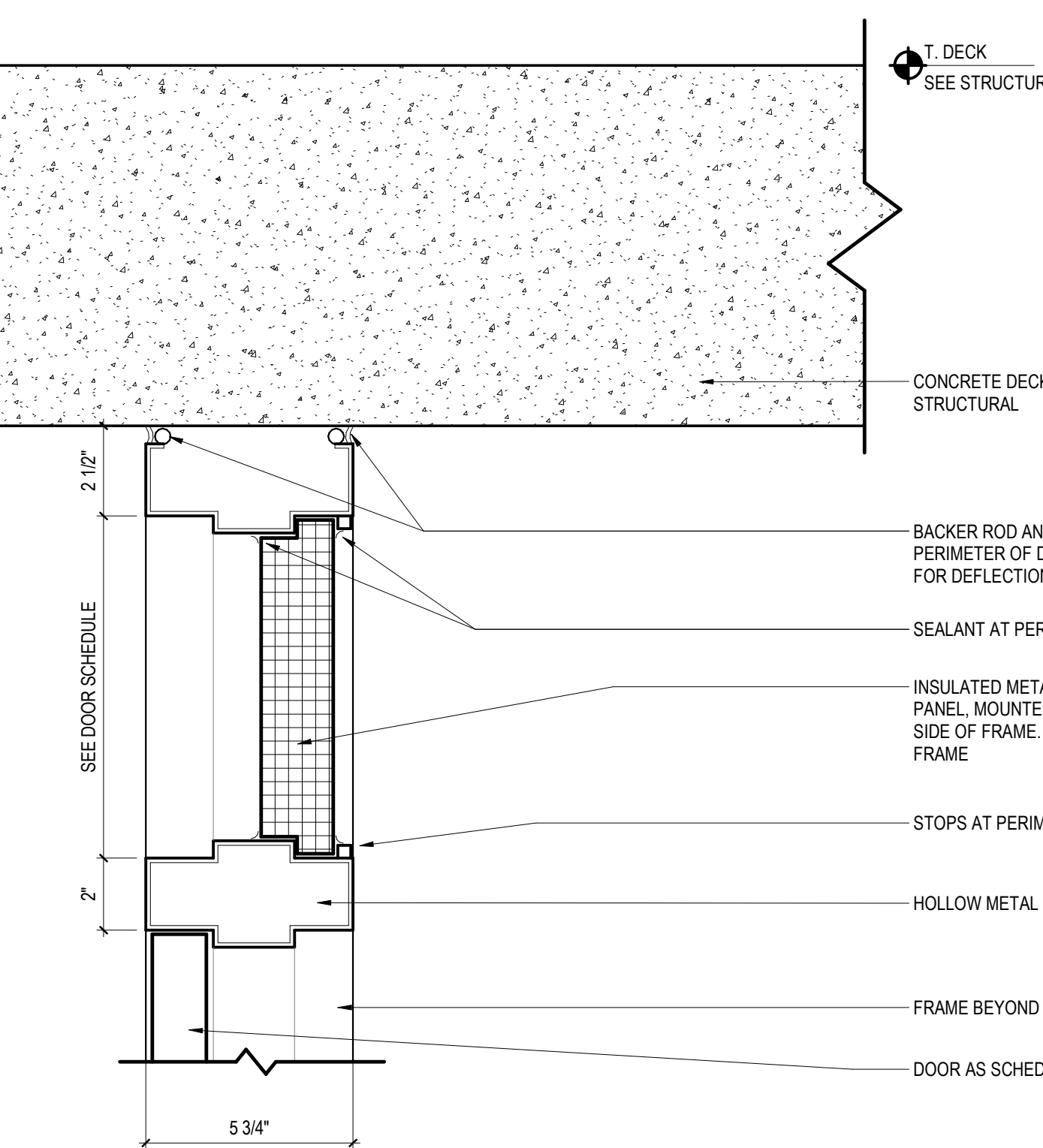
4 MP TO BRICK TRANSITION

SCALE: 3" = 1'-0"



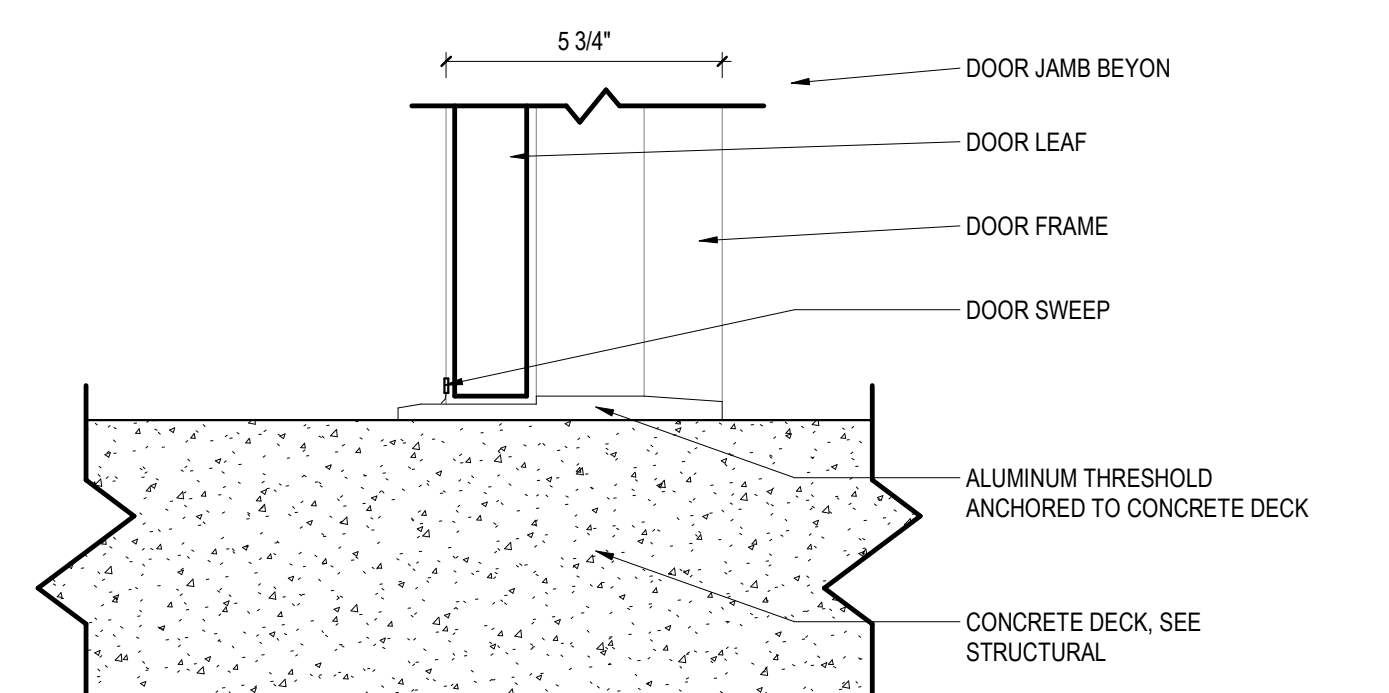
5 B.O. WALL AT SPRINKLER RISER ROOM

SCALE: 3" = 1'-0"



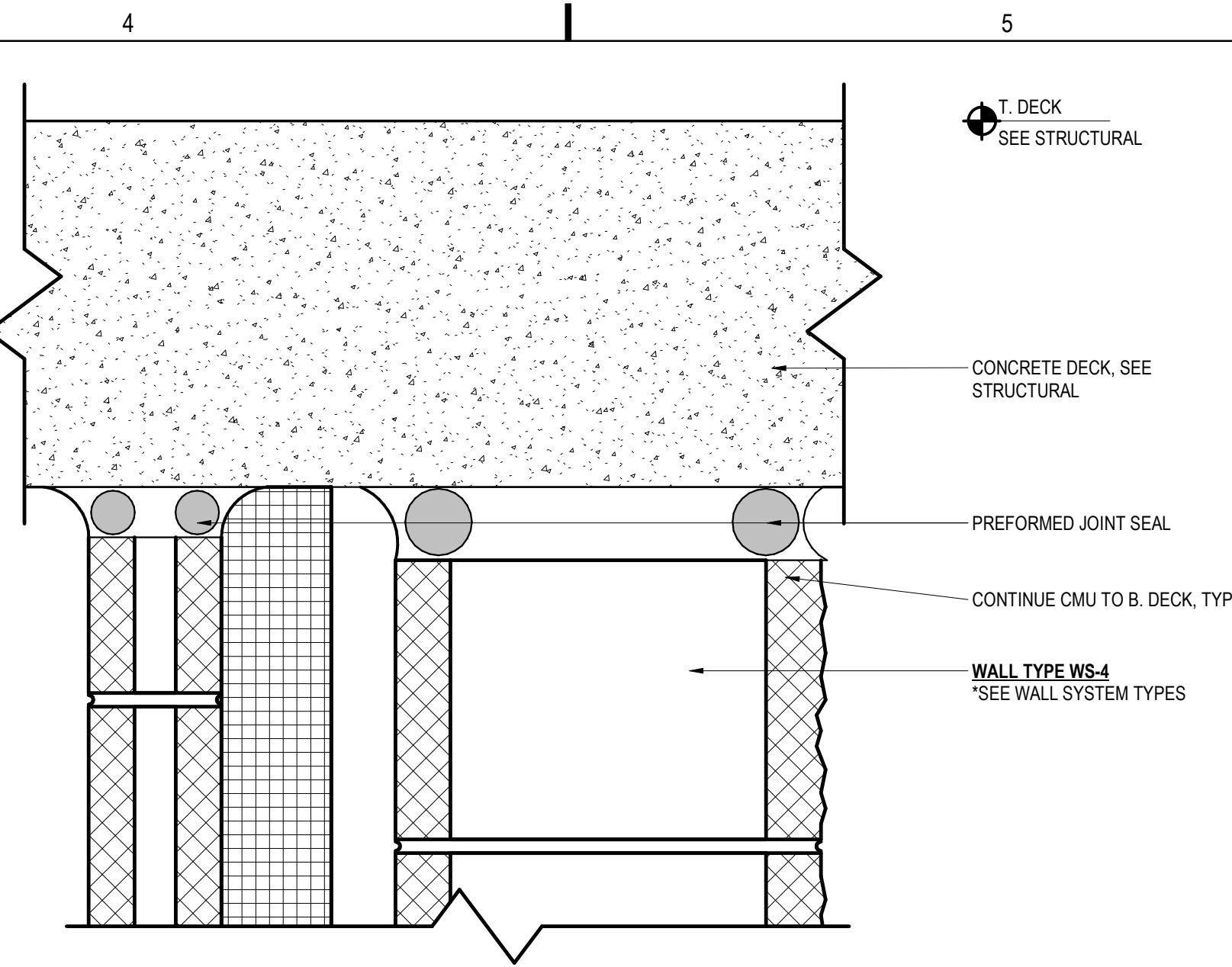
6 HEAD AT SPRINKLER RISER

SCALE: 3" = 1'-0"



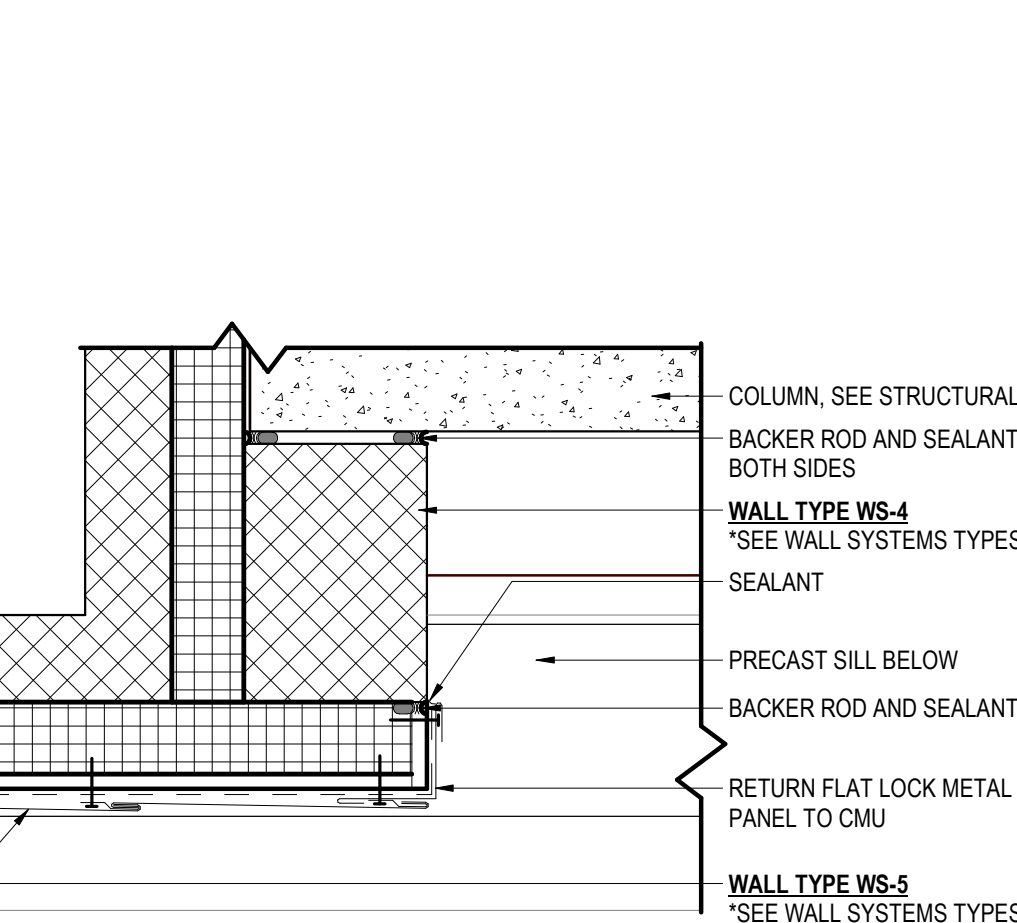
7 SILL AT SPRINKLER RISER

SCALE: 3" = 1'-0"



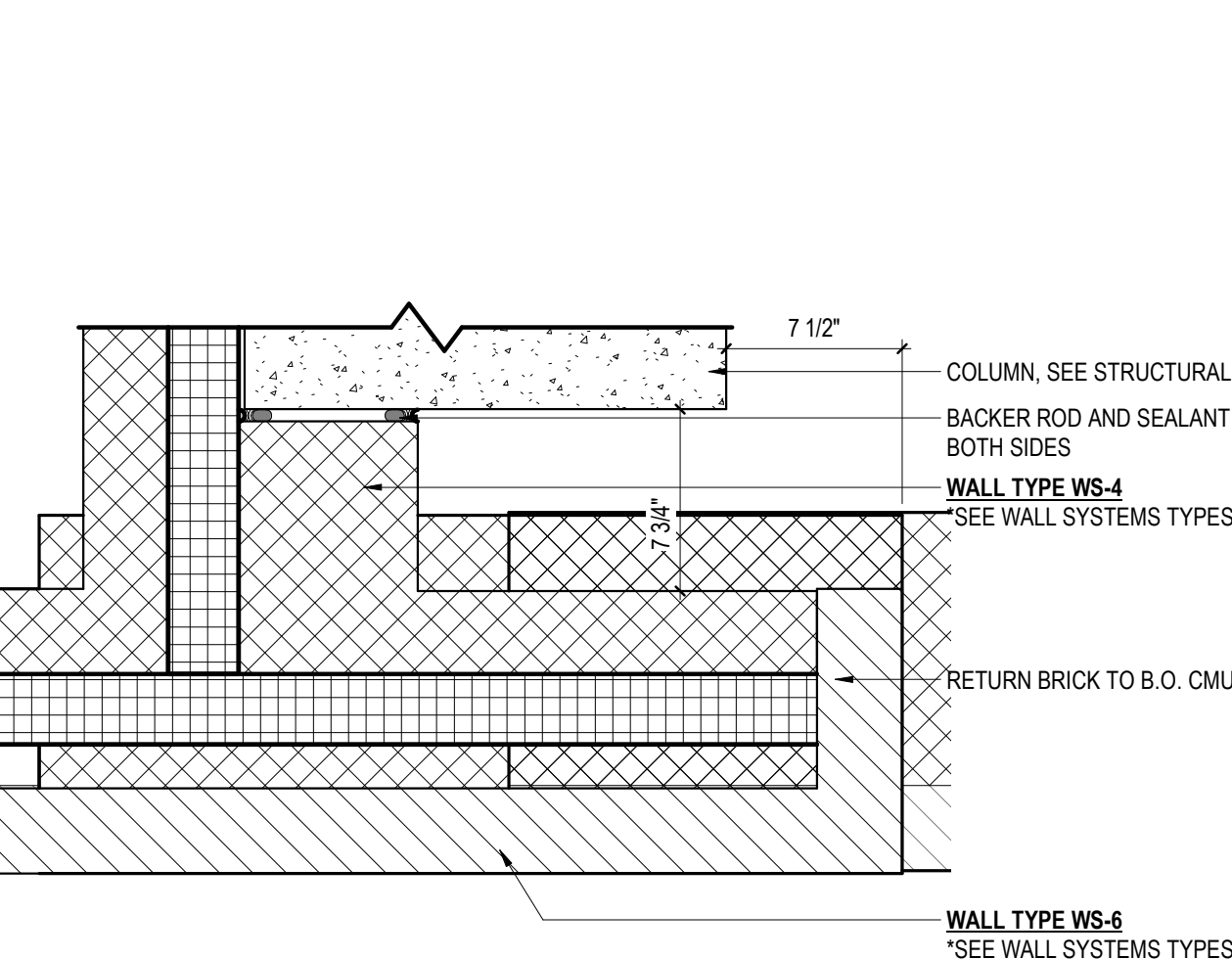
8 TYP. T.O. WALL AT DECK AT SPRINKLER RISER

SCALE: 3" = 1'-0"



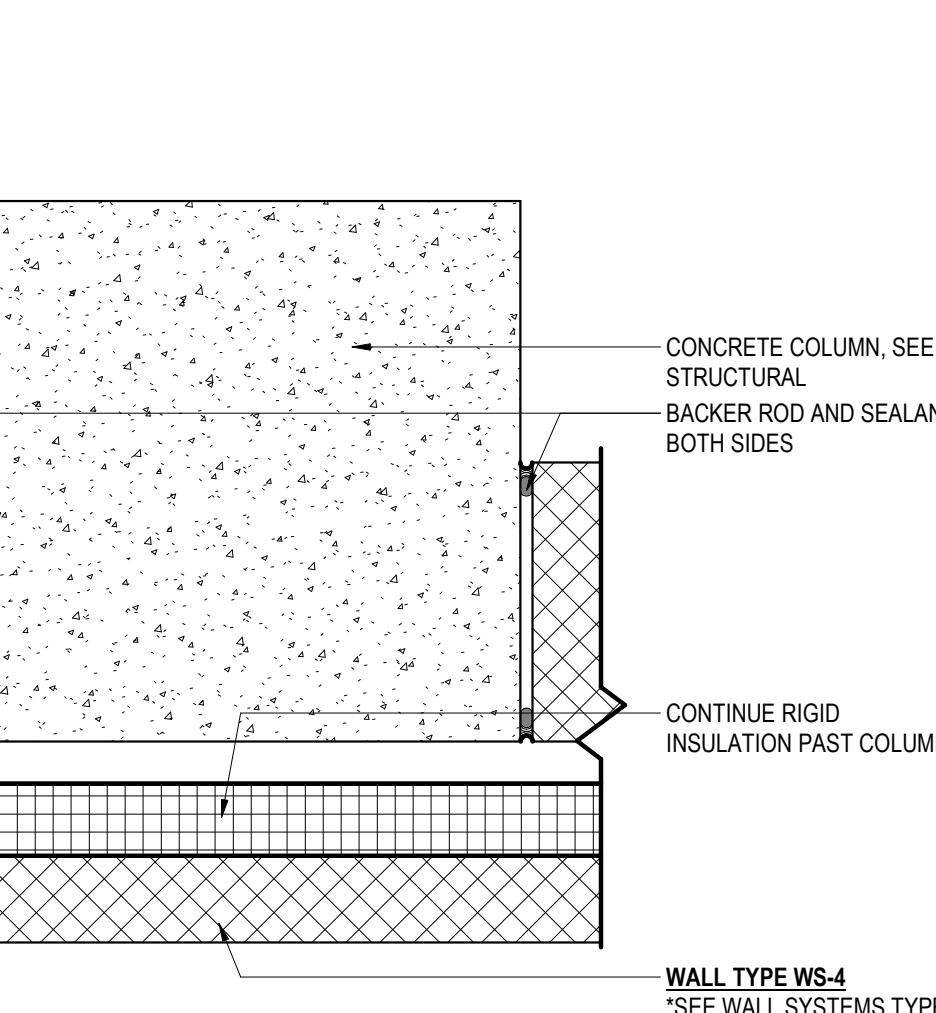
9 MP TO CMU DETAIL

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



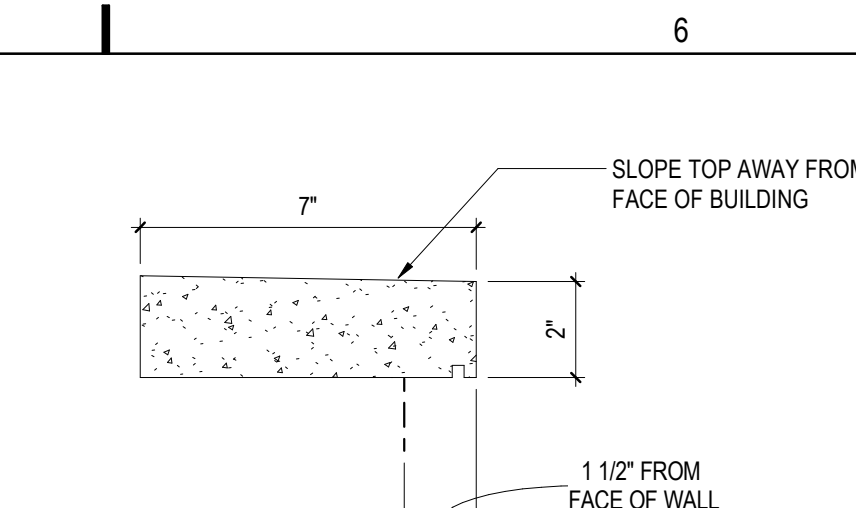
10 BRICK TRANSITION

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



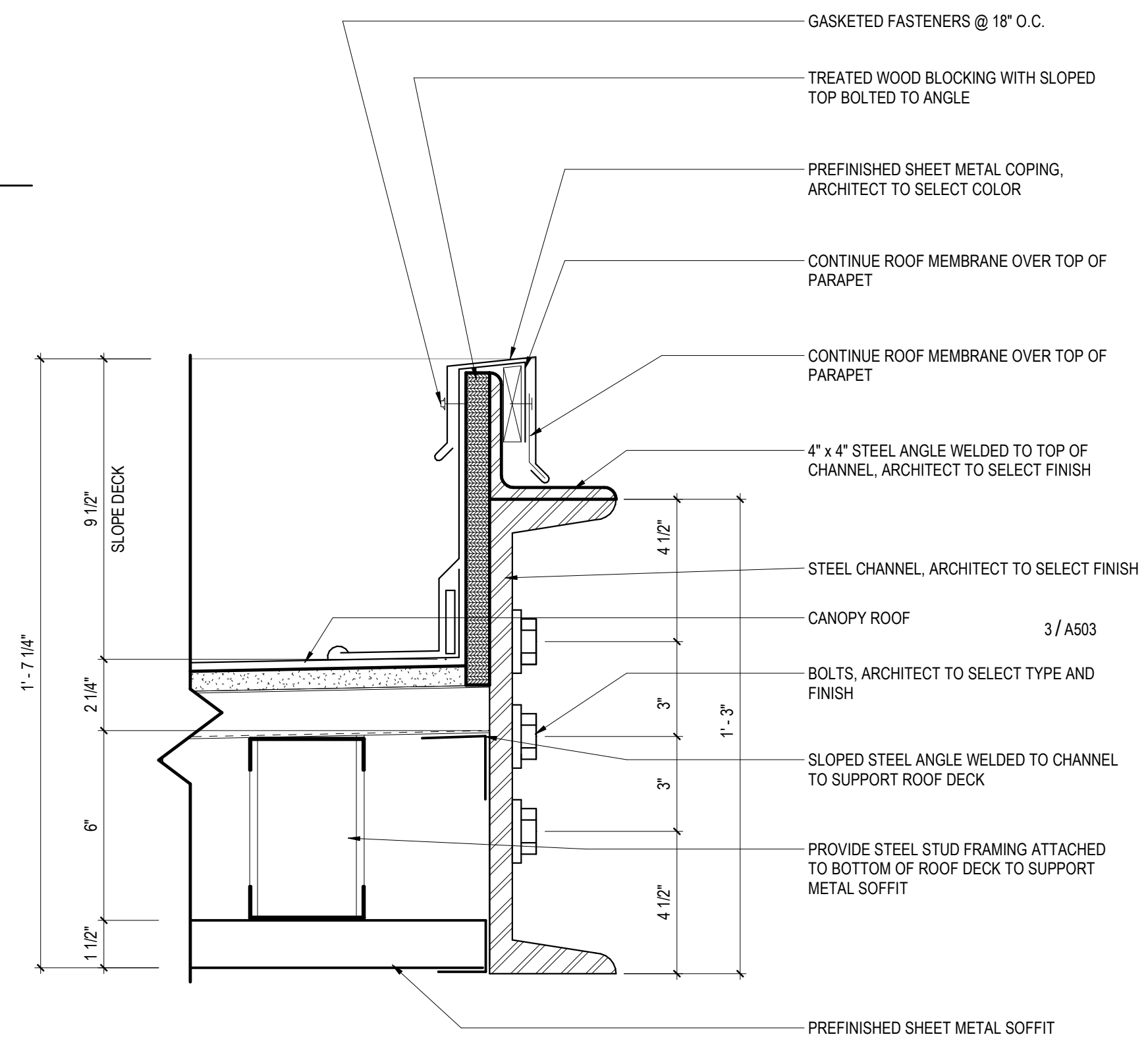
11 CMU TO COLON DETAIL

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



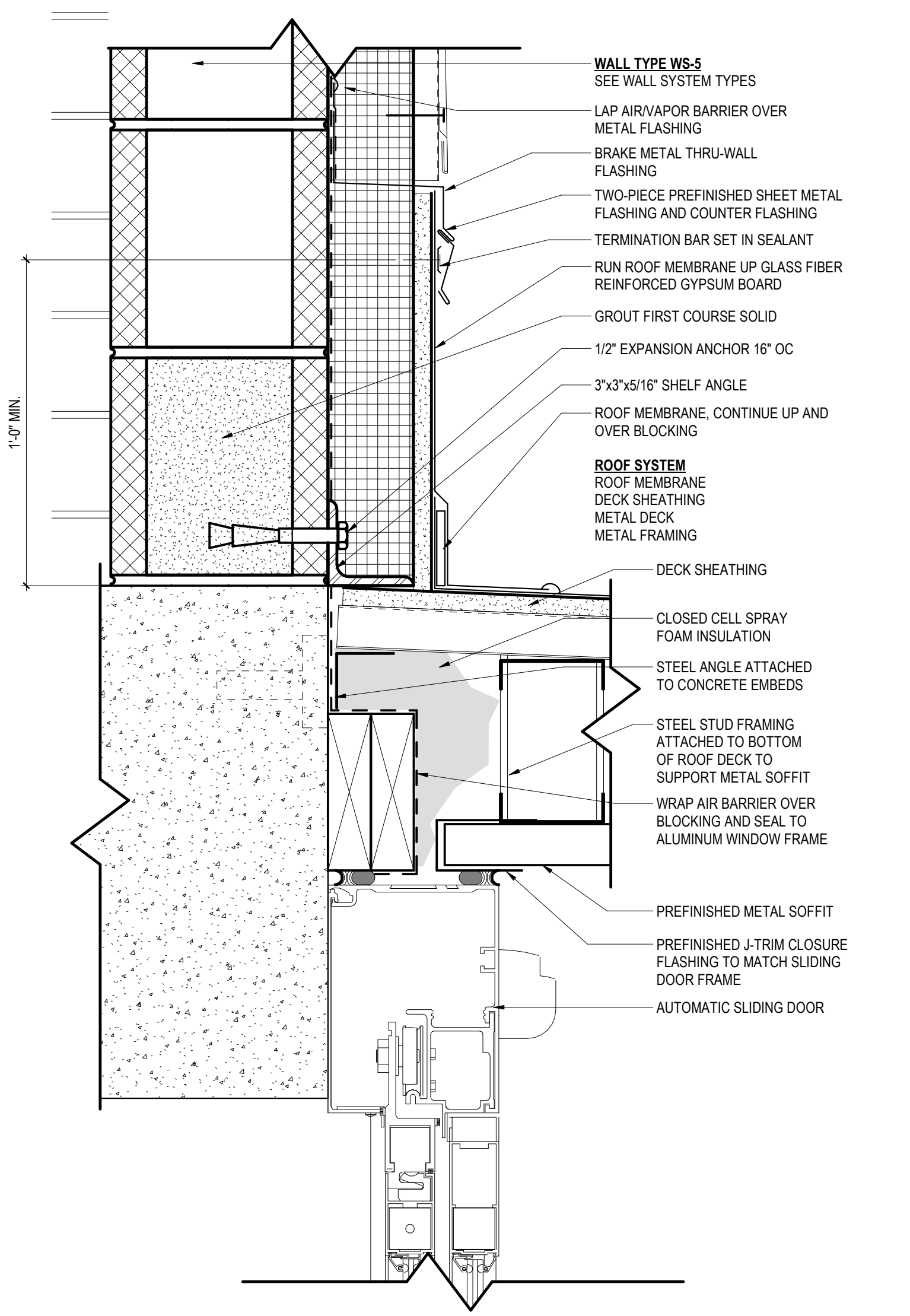
12 CAST STONE PROFILE

SCALE: 3" = 1'-0"



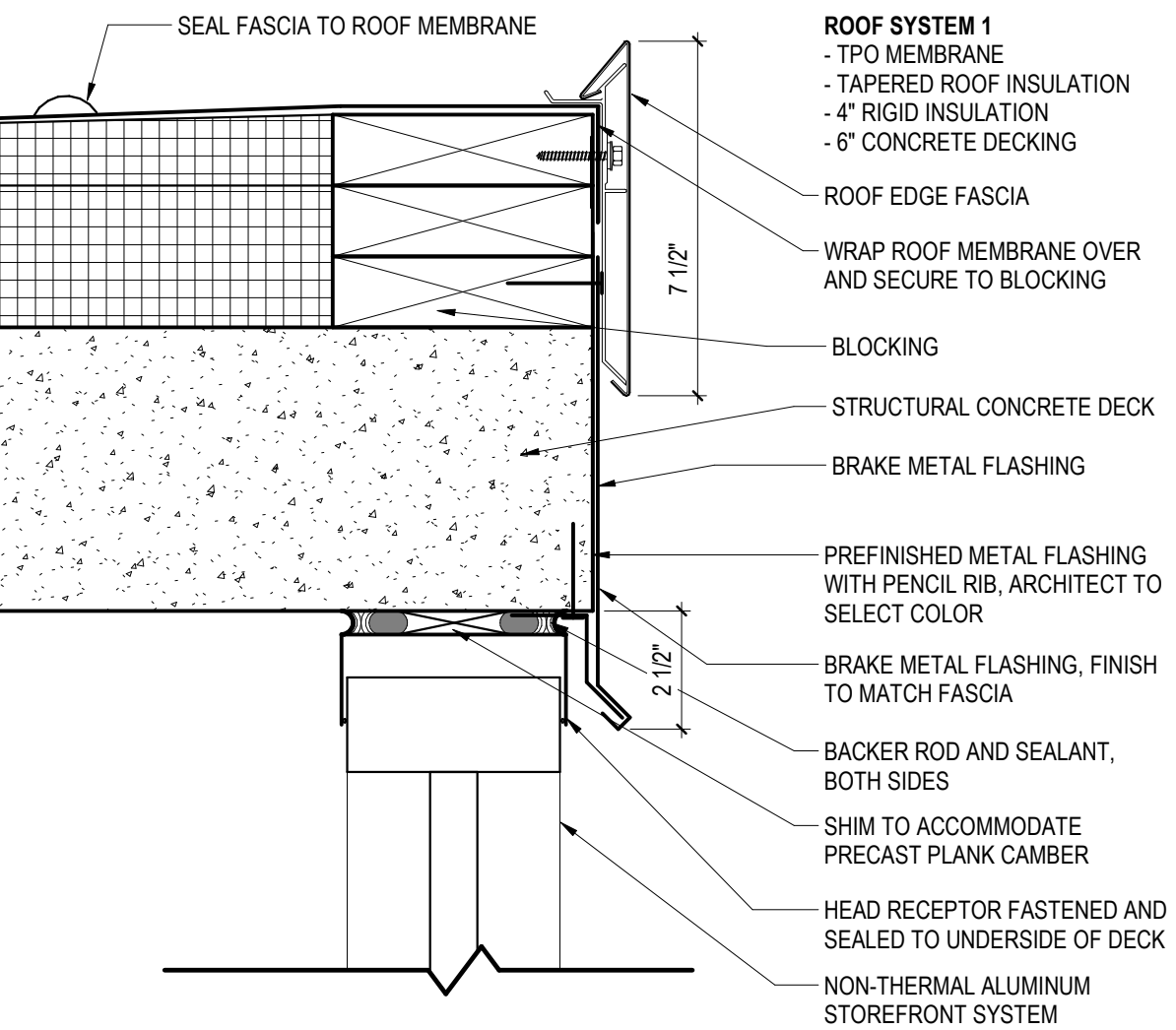
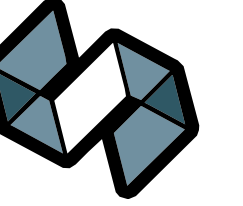
13 CANOPY EDGE DETAIL

SCALE: 3" = 1'-0"

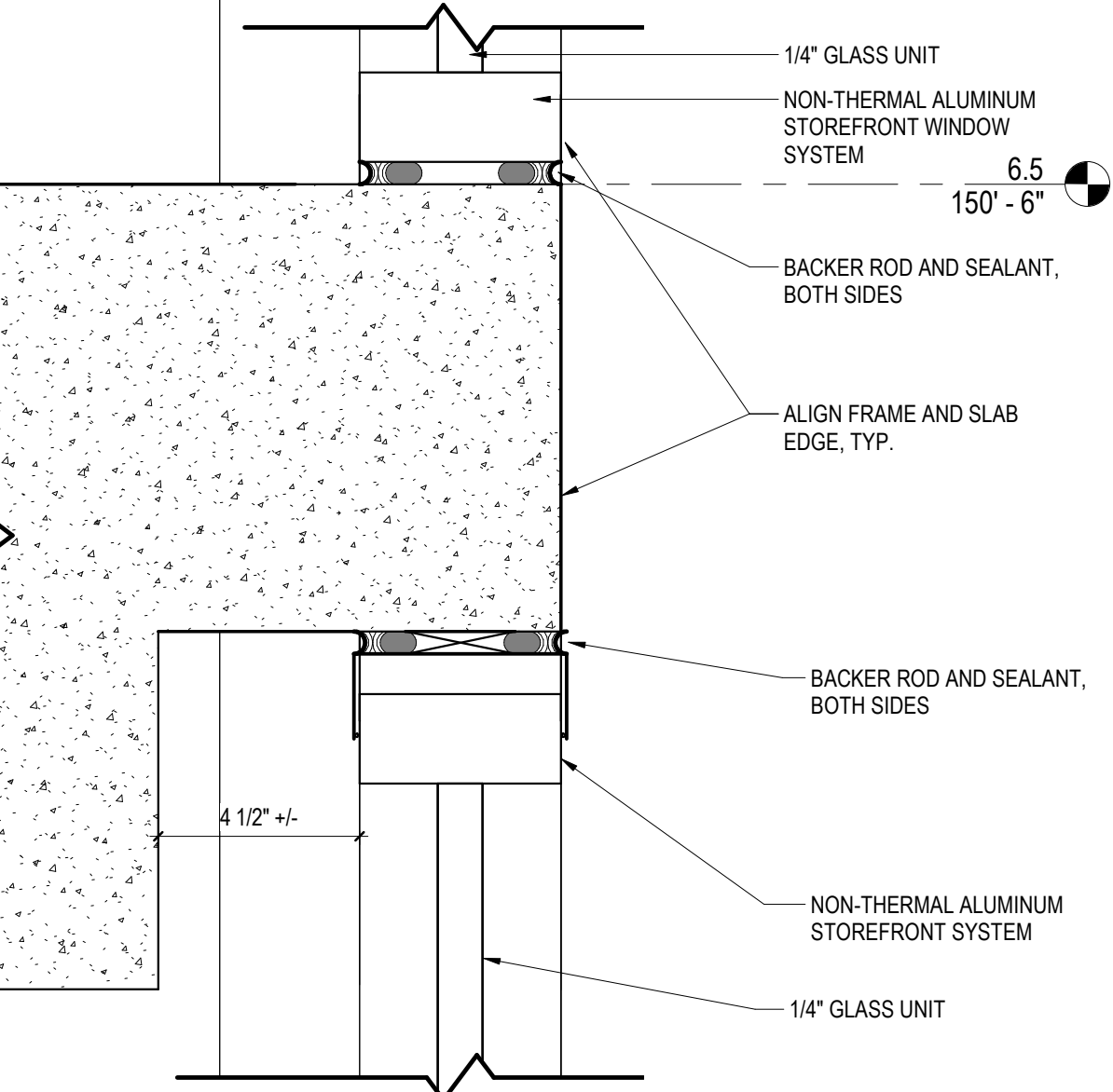


14 CANOPY FLASHING DETAIL AT WALL

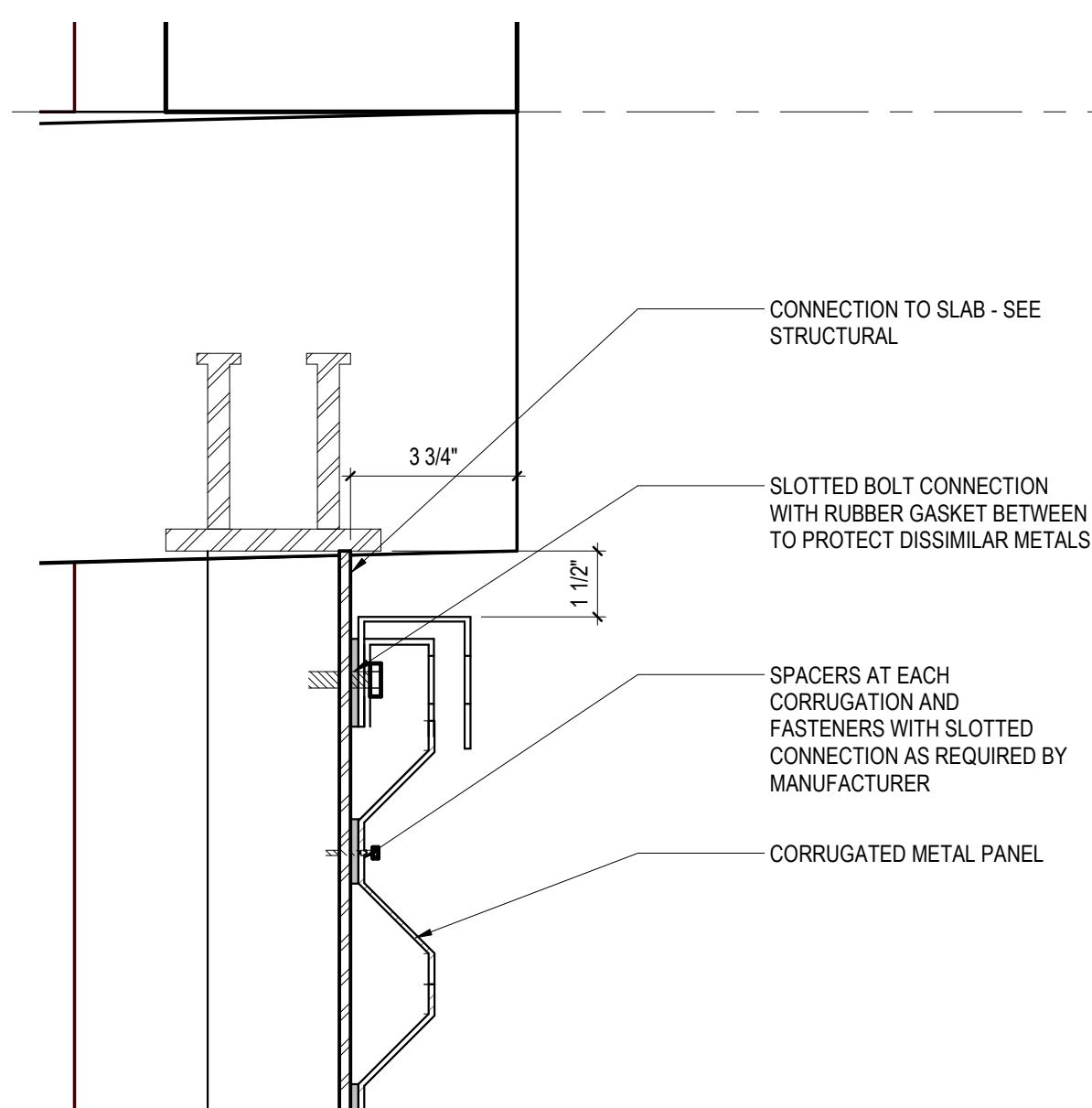
SCALE: 3" = 1'-0"



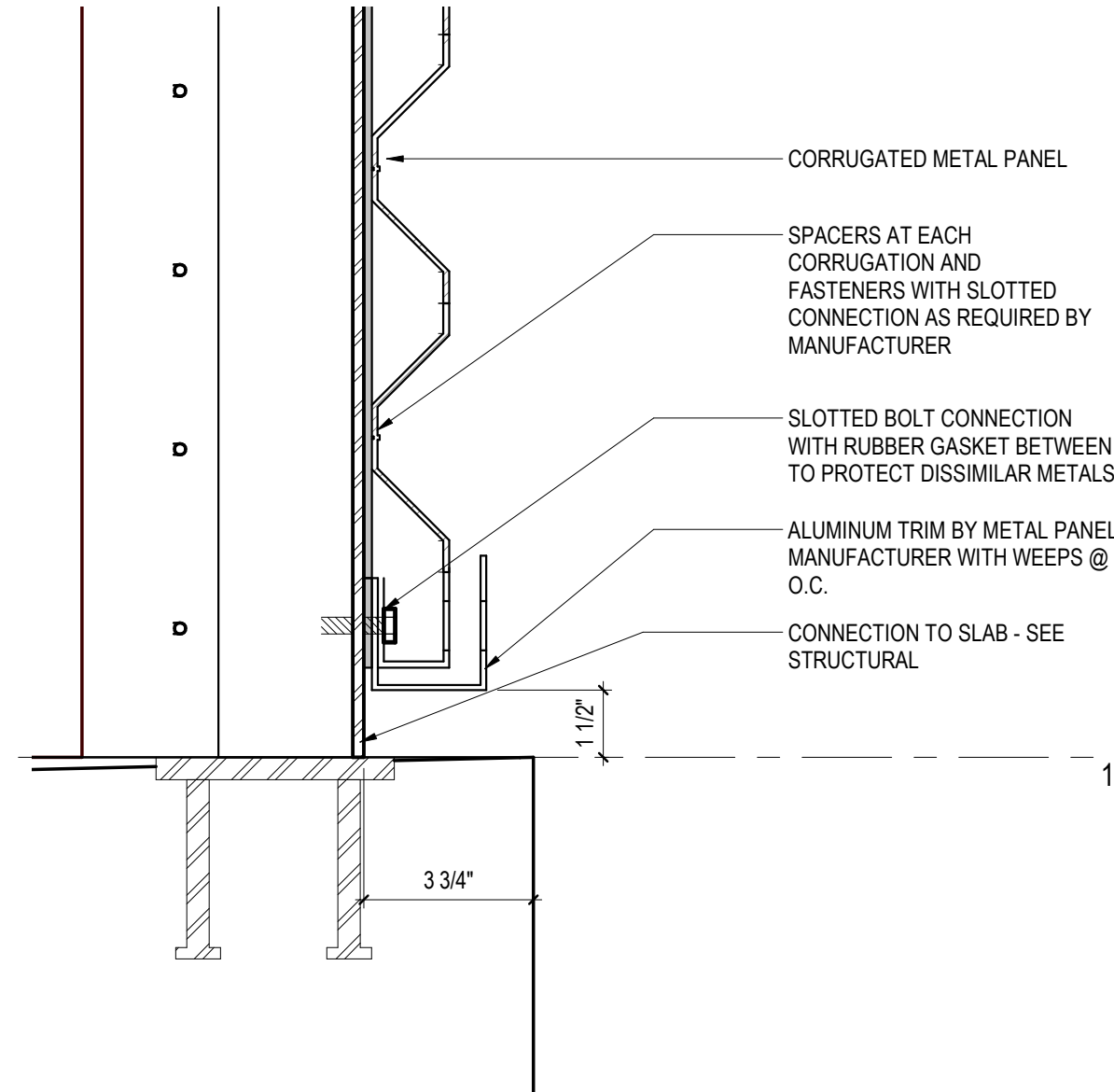
1 TOP OF WALL DETAIL AT SOUTHWEST STAIR
SCALE: 3" = 1'-0"



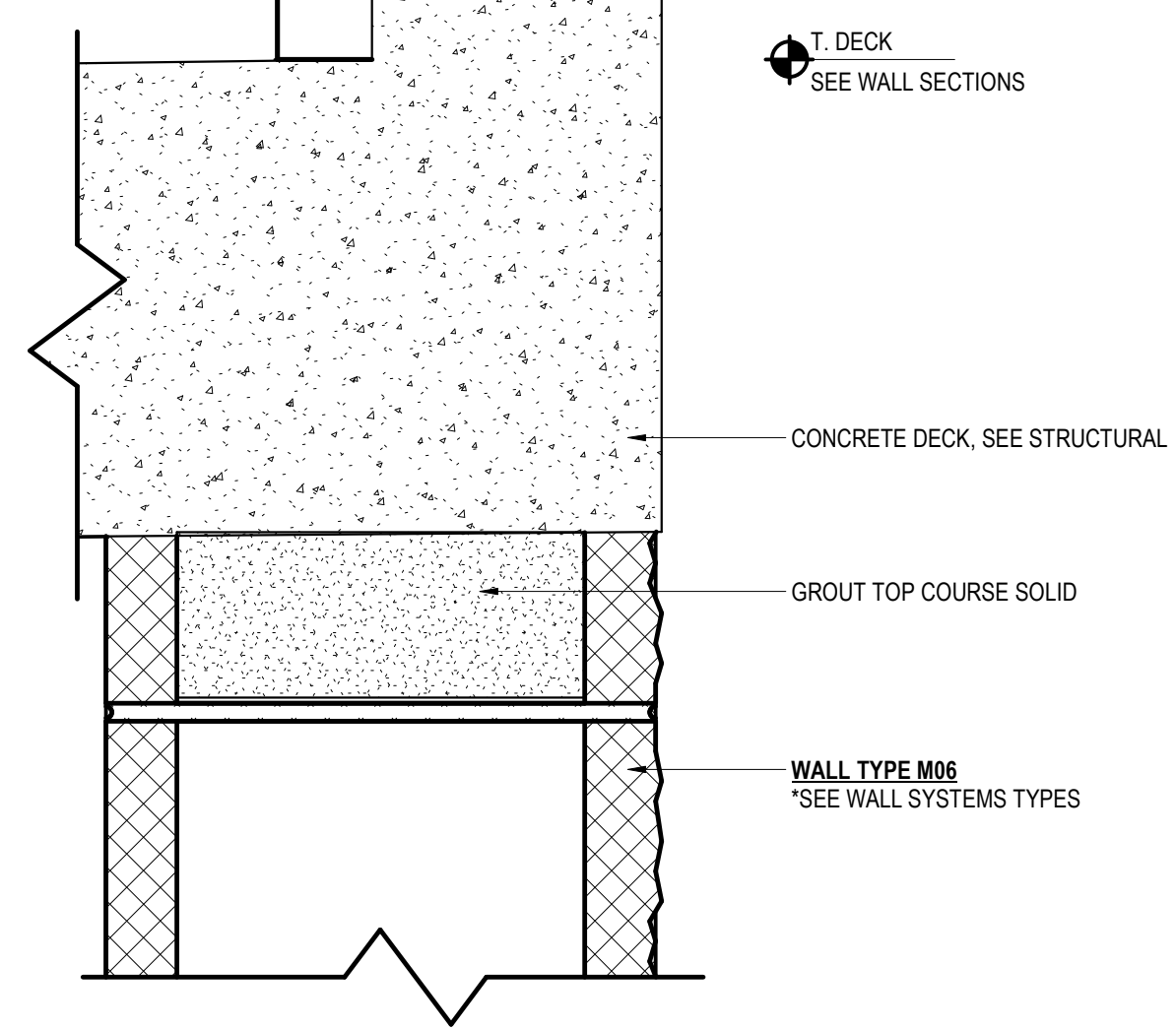
2 STOREFRONT SILL & HEAD AT SOUTHWEST STAIR
SCALE: 3" = 1'-0"



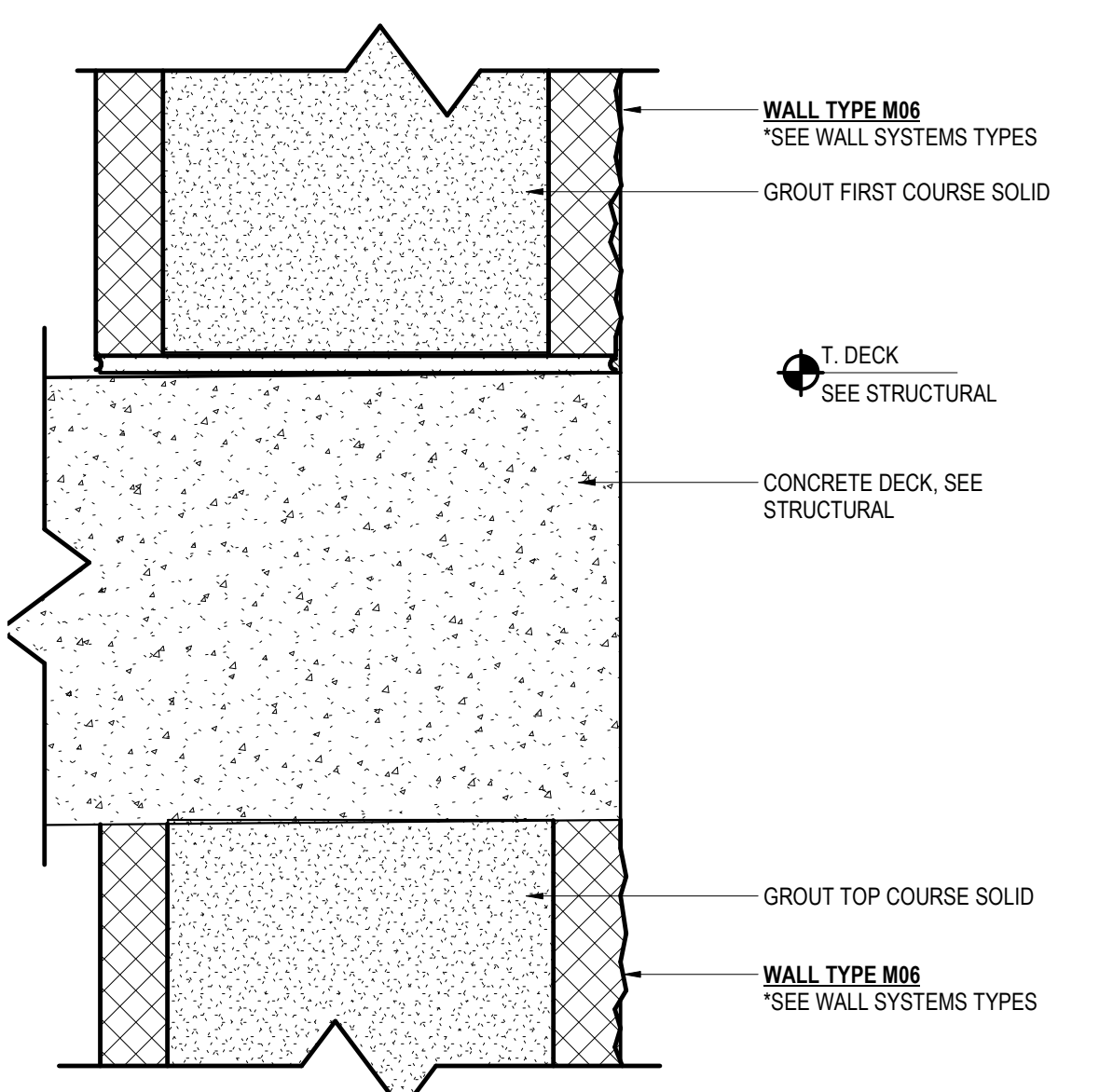
3 TOP OF HORIZONTAL METAL PANEL
SCALE: 3" = 1'-0"



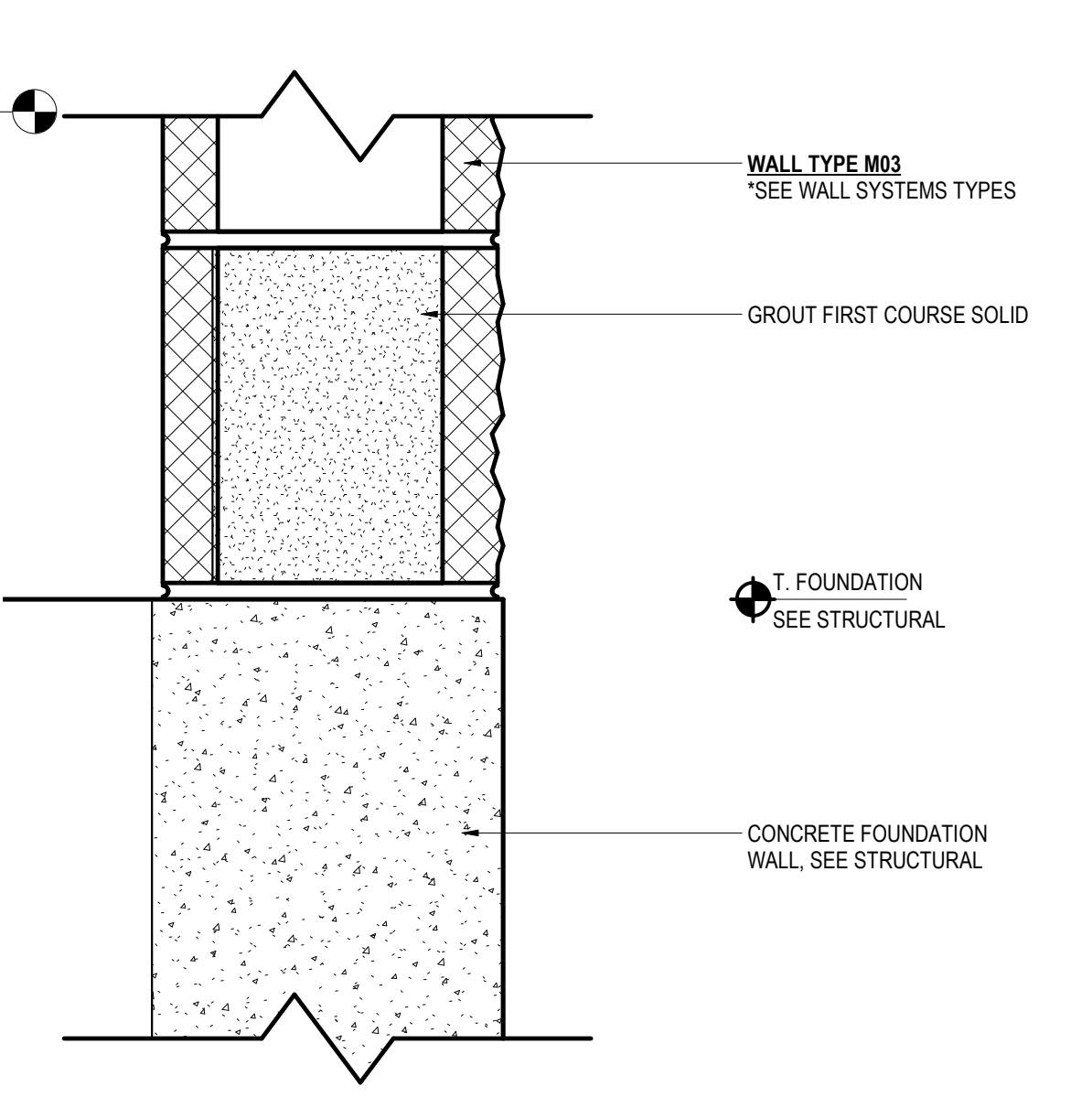
4 HORIZONTAL METAL PANEL SILL
SCALE: 3" = 1'-0"



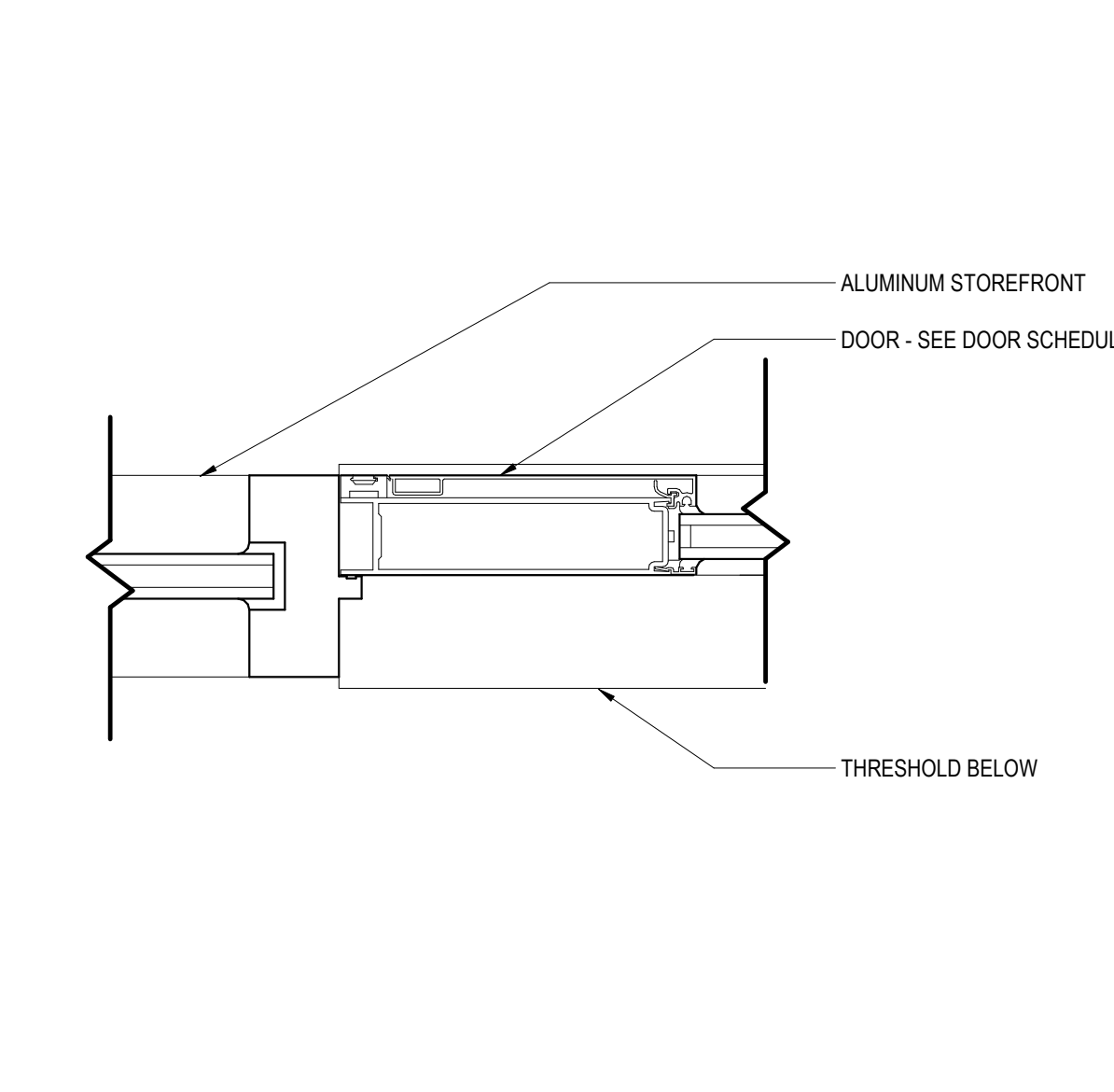
5 T.O. WALL AT CORE FILLED CMU
SCALE: 3" = 1'-0"



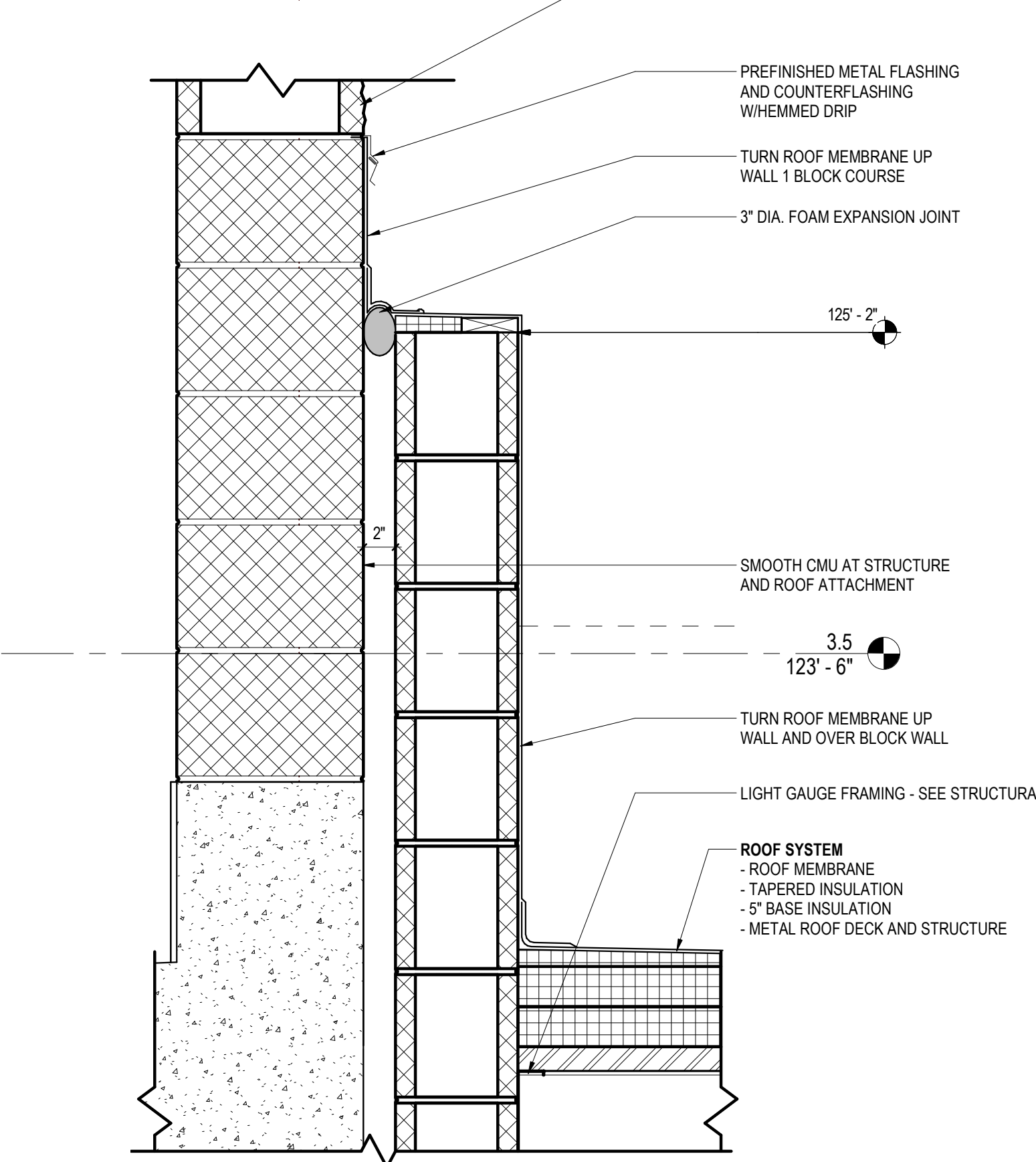
6 TYP T.O. & B.O. WALL AT CORE FILLED CMU
SCALE: 3" = 1'-0"



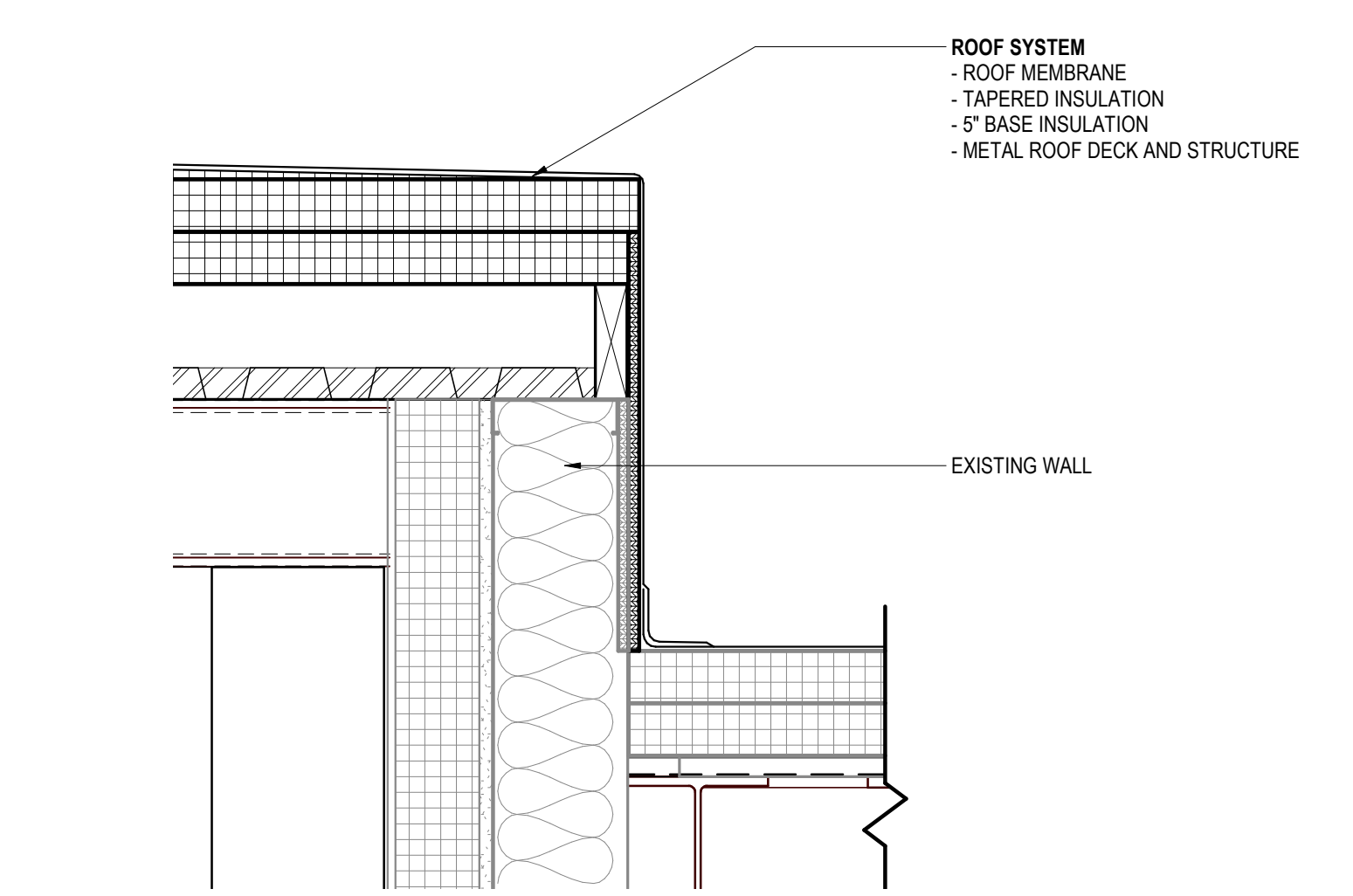
7 B.O. WALL AT CONCRETE
SCALE: 3" = 1'-0"



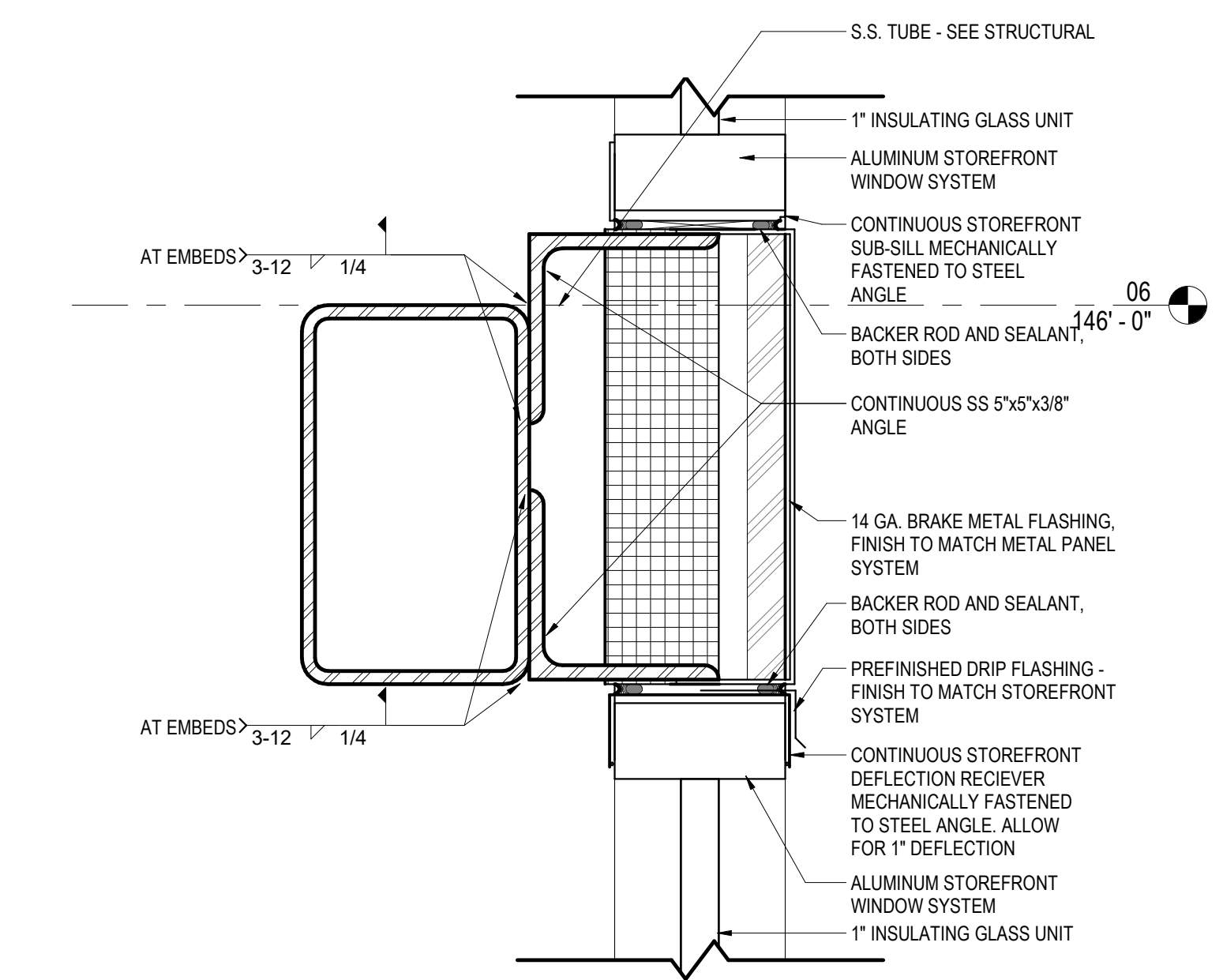
8 STOREFRONT DOOR JAMB
SCALE: 3" = 1'-0"



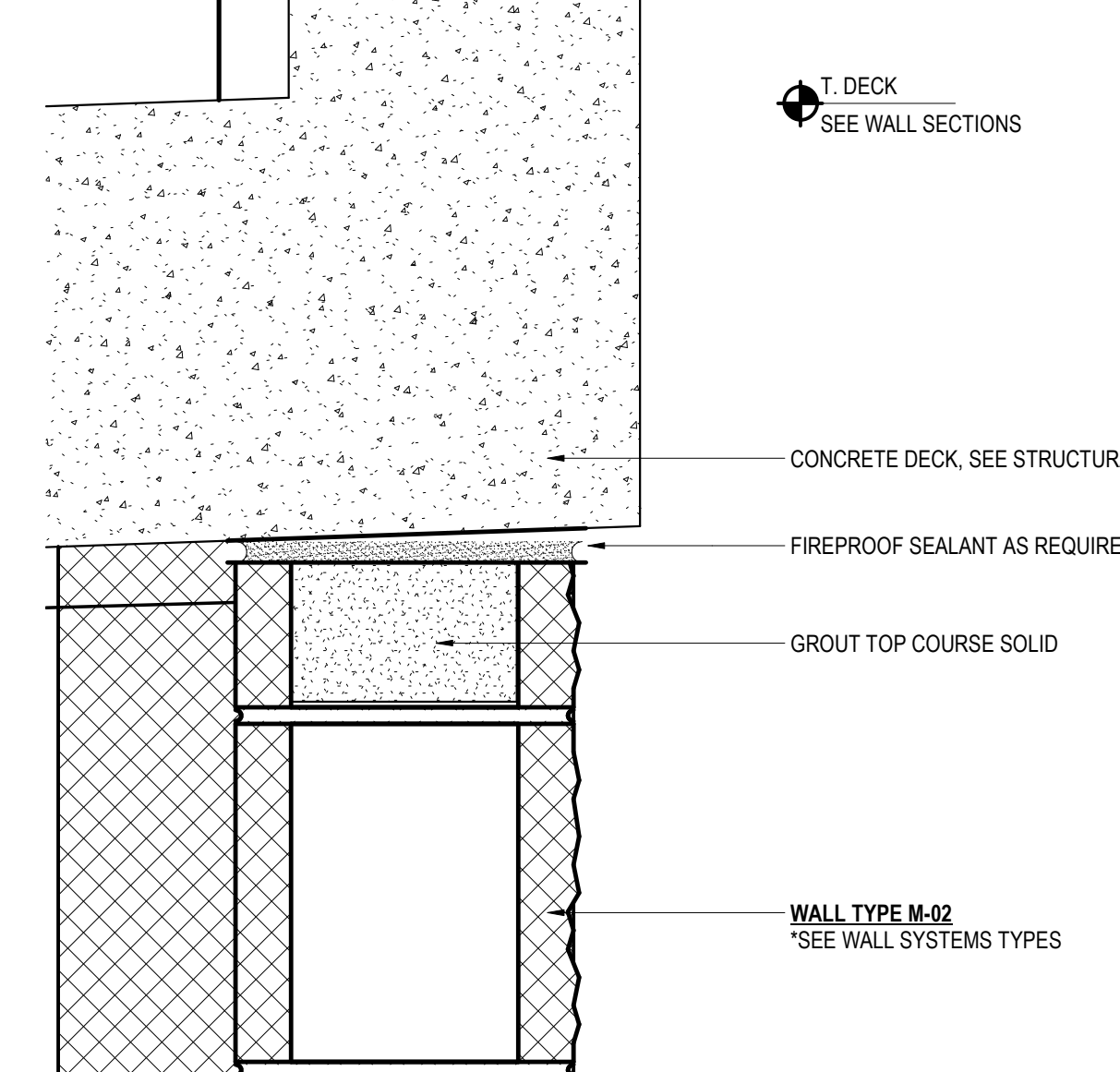
9 BUILDING SEPARATION DETAIL AT 12" CMU
SCALE: 1 1/2" = 1'-0"



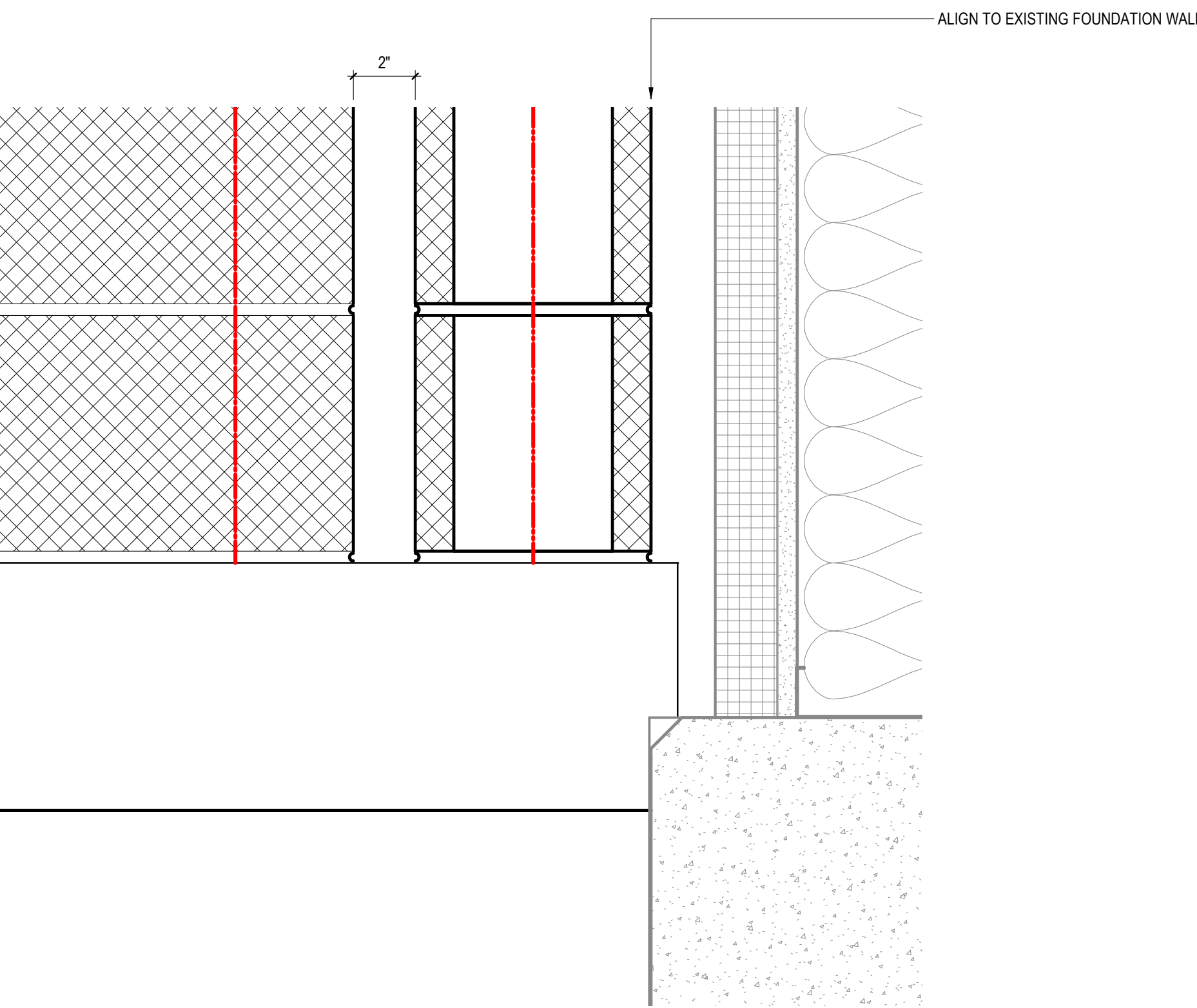
10 NEW ROOF AT EXISTING PARAPET
SCALE: 1 1/2" = 1'-0"



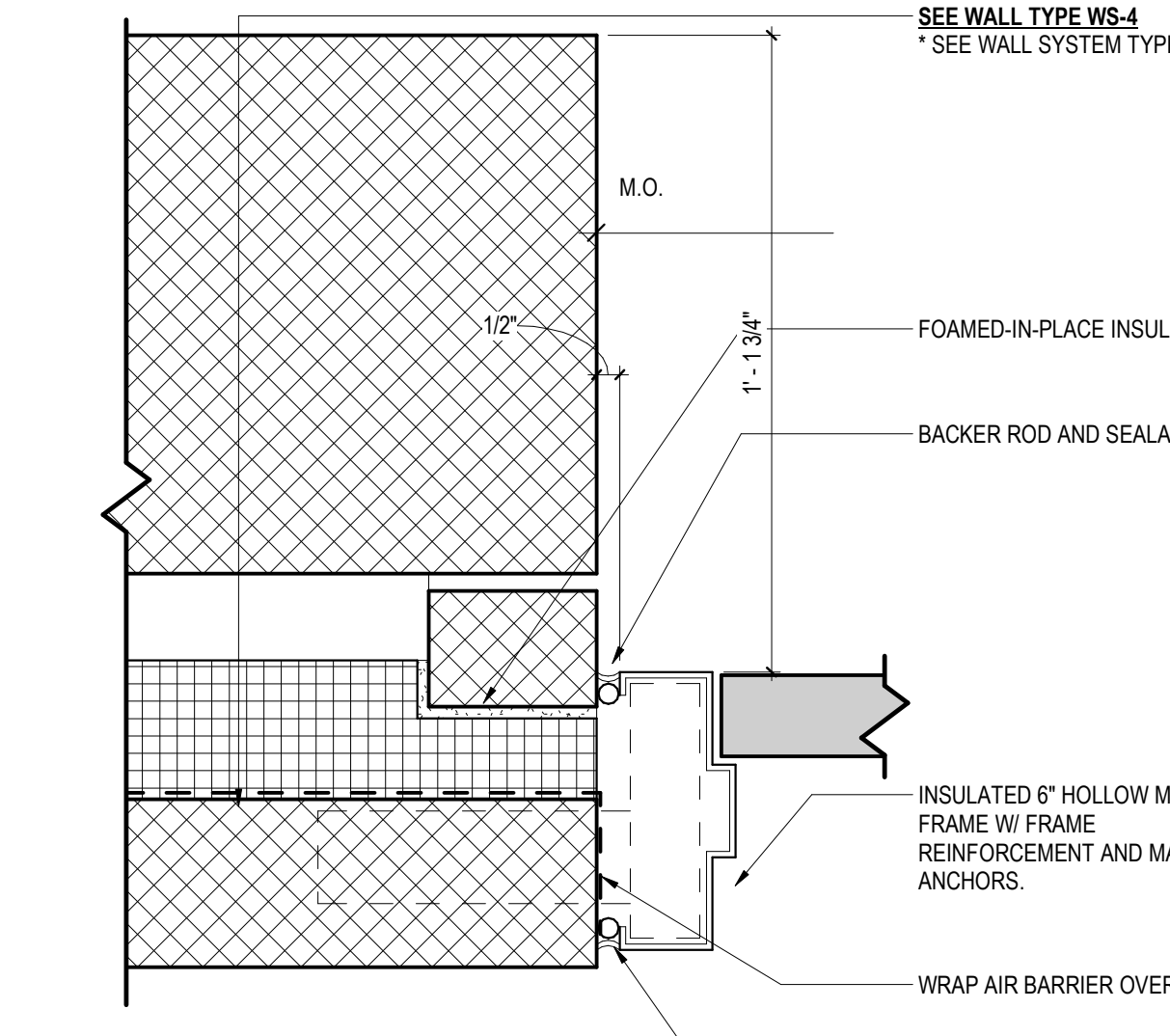
11 STOREFRONT SUPPORT AT STEEL
SCALE: 3" = 1'-0"



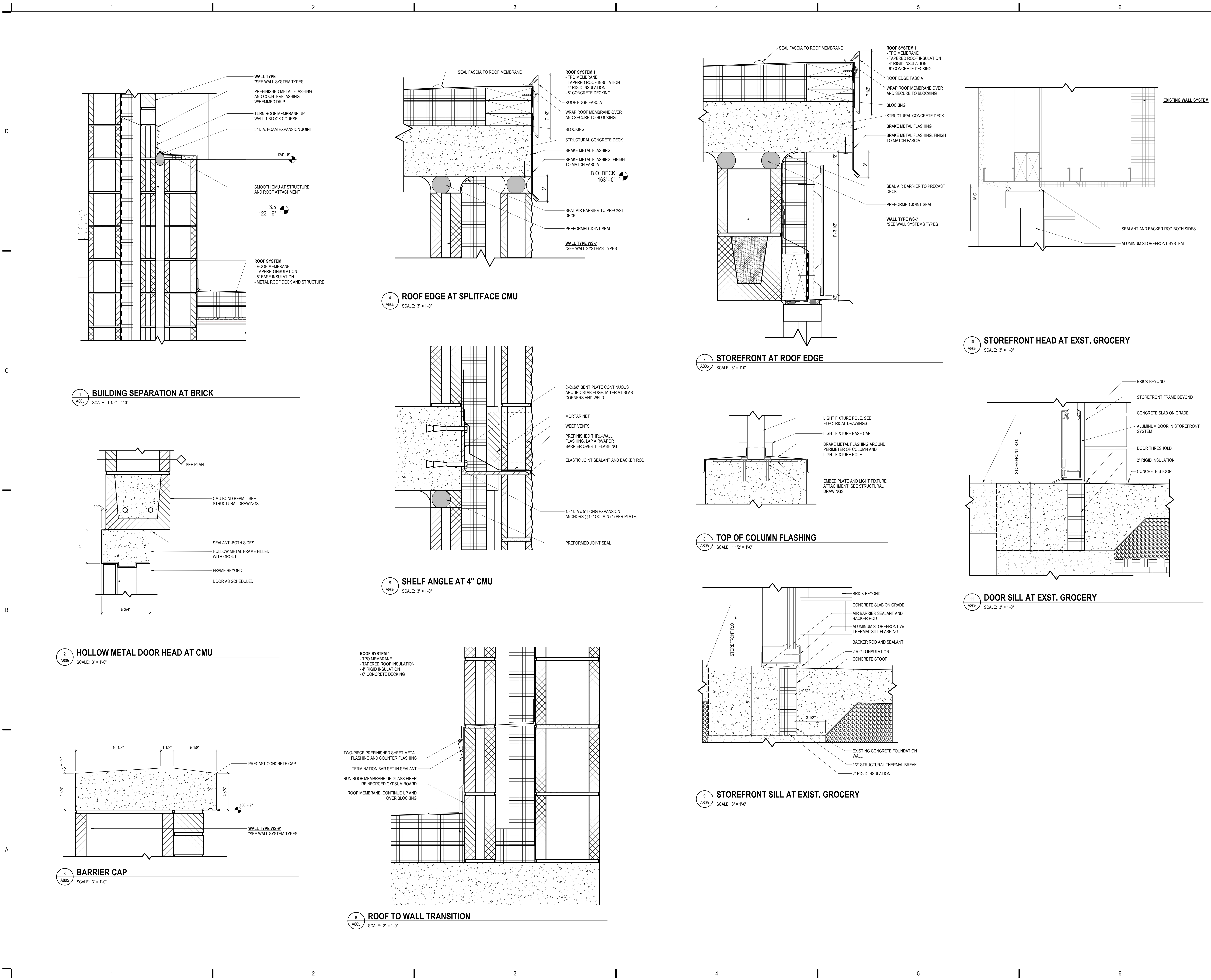
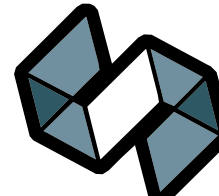
12 T.O. WALL AT 8" CMU
SCALE: 3" = 1'-0"

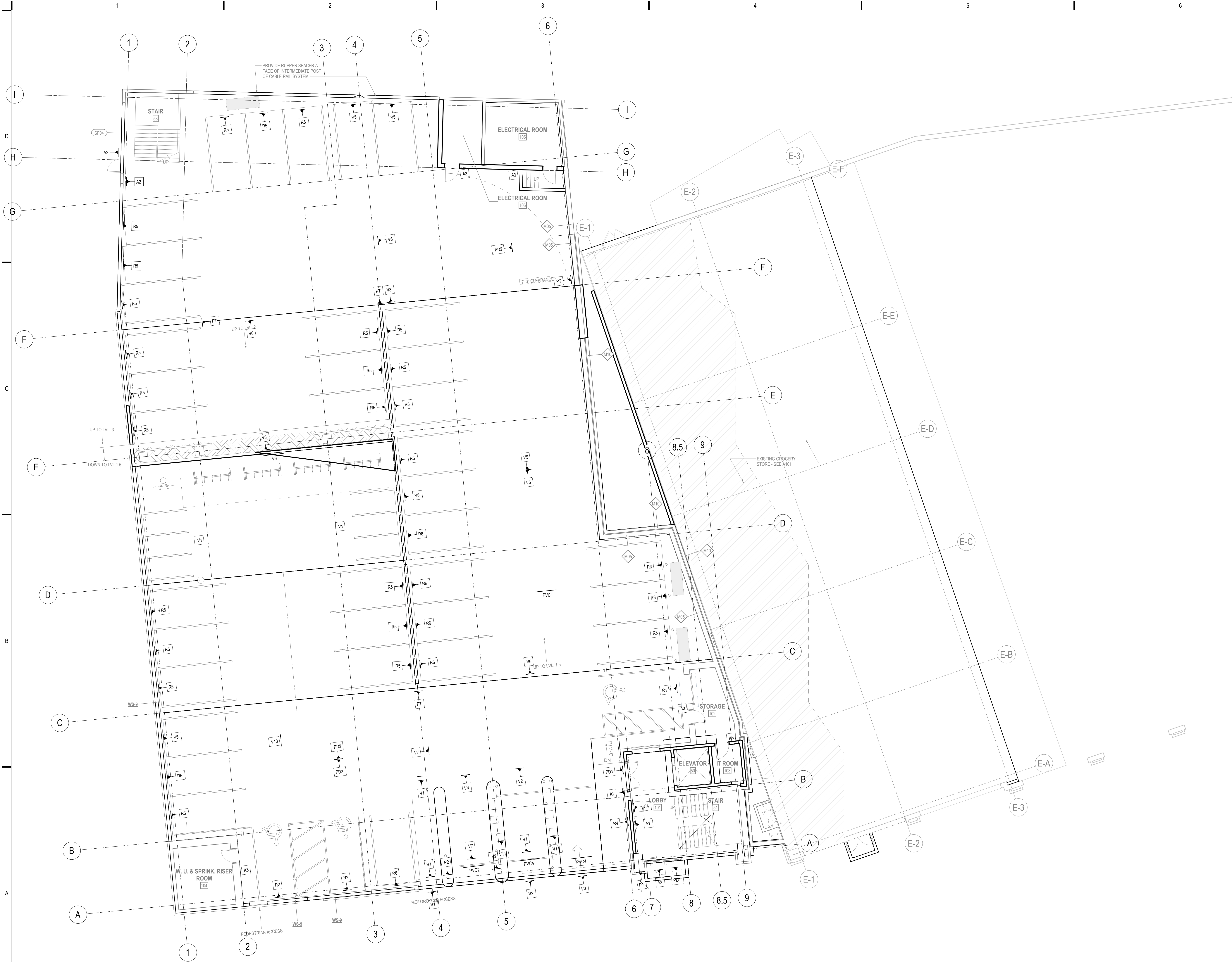


13 B.O. WALL AT BUILDING SEPARATION
SCALE: 3" = 1'-0"



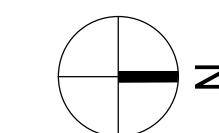
14 HOLLOW METAL DOOR JAMB AT MASONRY WALL
SCALE: 3" = 1'-0"





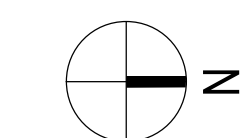
A1 LEVEL P1 PARKING FLOOR PLAN - SIGNAGE

1/8" = 1'-0"
1 / A201
1 / A201





NOTE:
SIGNAGE FROM LEVEL 2 PARKING TO BE CARRIED UP TO LEVELS
3-6 TYPICAL AND SIMILAR. CONTRACTOR TO COORDINATE.



A1 LEVEL P2 FLOOR PLAN SIGNAGE (TYPICAL FOR LEVELS P3, P4, P5 AND P6)
1/8" = 1'-0"

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SIGNAGE SCHEDULE

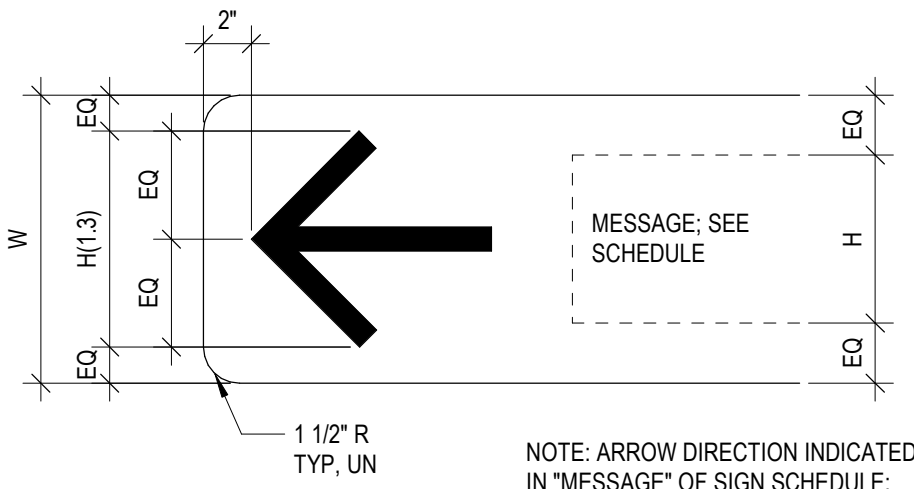
MARK	SIZE		MESSAGE(S) / SYMBOLS(S)	SIGN TYPE	BACKGROUND COLOR	LETTERS / SYMBOLS		MOUNTING		COMMENTS
	W	L				H	COLOR	DETAIL	HT	
V1	1'-0"	8'-0"	(motorcycle symbol) MOTOR CYCLES ONLY (motorcycle symbol)	V	WHITE	6"	BLACK	AS/AG602	8'-2"	
V2	1'-0"	1'-0"	(X) (Arrow down)	V	BLACK	-	RED/GREEN	AS/AG602	8'-2"	LED- CHANEABLE, INTEGRATE INTO TURNPIKE CONTROLS
V3	1'-0"	1'-0"	(Arrow down)	V	BLACK	-	GREEN	AS/AG602	8'-2"	LED
V4	1'-0"	8'-0"	(Arrow up) OUT PARK (Arrow up)	V	WHITE	6"	BLACK	AS/AG602	8'-2"	
V5	1'-0"	8'-0"	(BMPH symbol) SPEED LIMIT (BMPH symbol)	V	WHITE	6"	BLACK	AS/AG602	8'-2"	
V6	1'-0"	8'-0"	(Yield symbol) WATCH FOR PEDESTRIANS (Yield symbol)	V	YELLOW	6"	BLACK	AS/AG602	8'-2"	
V7	1'-0"	8'-0"	(Stop symbol) STOP (Stop symbol)	V	RED	6"	BLACK	AS/AG602	8'-2"	6'-0" WIDE AT MOTORCYCLE LANE
V8	1'-0"	8'-0"	PERMIT PARKING ONLY BEYOND	V	-	-	BLACK	AS/AG602	8'-2"	
V9	1'-0"	2'-0"	CARGO BIKE PARKING ONLY	V	WHITE	6"	BLACK		8'-2"	ONE SINGLE BIKE, REST OF BIKE PARKING IS OPEN TO ALL
V10	1'-0"	8'-0"	MOTORCYCLES, BICYCLES AND AIR INFLATION	V	WHITE	6"	BLACK		8'-2"	FACE NORTH AND ARROW TO THE WEST
V11	1'-5"	2'-0"	Refer to detail C3/AG602	V	WHITE	2"	BLACK	C3/AG602	4'-0"	
PVC1	10"	10'-0"	7'-0" CLEARANCE 7'-0"	PVC	WHITE	-	BLACK	A2/AG602 & B2/AG602	2" BELOW STATED HT.	
PVC2	10"	10'-0"	(Do not enter symbol) DO NOT ENTER (Do not enter symbol)	PVC	WHITE	-	BLACK		8'-2"	
PVC3	10"	10'-0"	8'-2" CLEARANCE 8'-2"	PVC	WHITE	-	BLACK	A2/AG602 & B2/AG602	2" BELOW STATED HT.	
PVC4	10"	10'-0"	8'-2" CLEARANCE 8'-2"	PVC	WHITE	-	BLACK	A2/AG602 & B2/AG602	8'-2"	
PD1	1'-0"	8'-0"	(Elevator symbol) ELEVATORS	PD	WHITE	6"	BLACK	A/AG602	8'-0"	
PD2	1'-0"	8'-0"	(Elevator symbol) ELEVATORS (Arrow right)	PD	WHITE	6"	BLACK		8'-0"	
PD3	1'-0"	8'-0"	(Arrow left) ELEVATORS (Elevator symbol)	PD	WHITE	6"	BLACK		8'-0"	
R1	1'-0"	1'-6"	ADA	R	BLUE	Refer to detail	WHITE	B6/AG602	5'-0"	SANS SERIF FONT
R2	1'-0"	6"	ADA VAN	R	BLUE	Refer to detail	WHITE	B6/AG602	5'-0"	SANS SERIF FONT, IN ADDITION TO SIGN R1
R3	1'-0"	2'-0"	EV PARKING ONLY	R	GREEN	Refer to detail	WHITE	B5/AG602	5'-0"	SANS SERIF FONT
R4	1'-6"	1'-2"	Refer to detail C4/AG602	R	WHITE	1"	BLACK	B4/AG602	5'-0"	SANS SERIF FONT
R5	1'-0"	2'-0"	HOURLY PARKING ONLY	R	WHITE	-	BLACK	D5/AG602	5'-0"	
R6	1'-0"	2'-0"	Refer to detail D6/AG602	R	WHITE	-	BLACK	D5/AG602	5'-0"	
A1	1'-4"	1'-2"	Refer to detail B1/AG602	A		Refer to detail	WHITE	B1/AG602	3'-0"	
A2	10"	8"	Refer to detail D1/AG602	A		Refer to detail	WHITE	D1/AG602	3'-0"	
A3	6"	3"	ROOM NUMBER	A	WHITE	1-1/4"	BLACK	D4/AG602	4'-0"	REFERENCE PLAN FOR ROOM NUMBER
PT	1'-10"	2'-0"	Refer to detail A1/AG602	PT	Refer to detail	Refer to detail	WHITE	A1/AG602	4'-2"	WIDTH TO MATCH COLUMN WIDTH- REFER TO FLOOR PLAN
P1	2'-0"	2'-0"	SMART PARKING P - Refer to detail D3/AG602	R	BLUE	Refer to detail	WHITE		10'-0"	
P2	2'-0"	2'-0"	PEDESTRIAN CROSSING	PD	YELLOW		BLACK	D2/AG602	4'-2"	

SIGN TYPES LEGEND

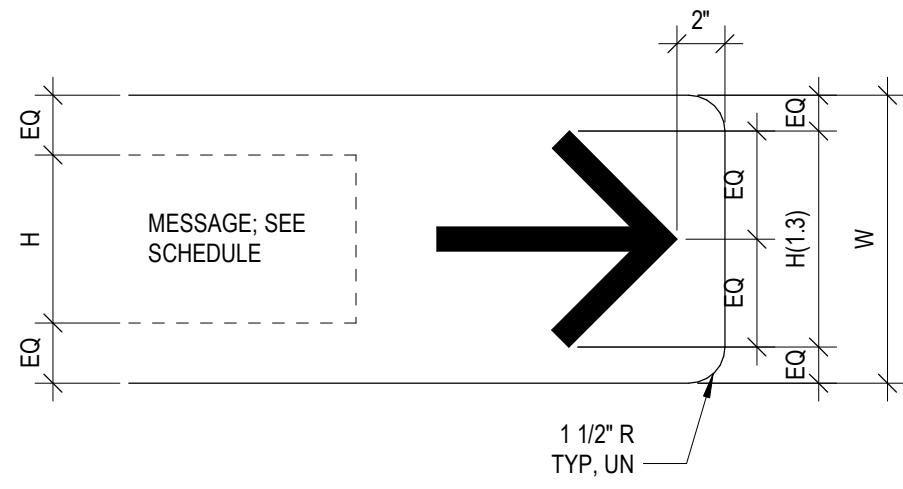
MARK TYPE
V - VEHICULAR (RETROREFLECTIVE TEXT ONLY)
PD - PEDESTRIAN
R - REGULATORY (RETROREFLECTIVE)
PVC - PVC PIPE CLEARANCE
A - ARCHITECTURAL
PT - COLUMN SIGNAGE - AREA DESIGNATORS
EF - FIRE EXTINGUISHER DESIGNATOR

SIGNAGE GENERAL NOTES

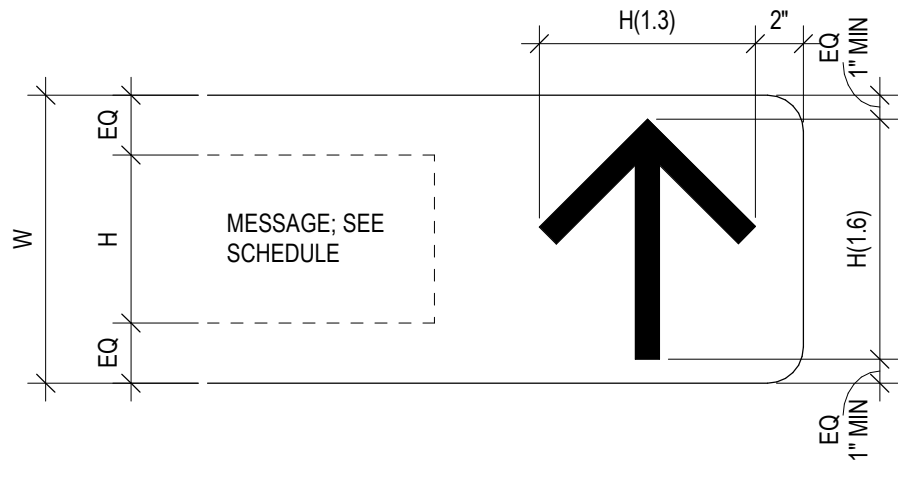
- SIGN CONTRACTOR SHALL REVIEW SIGN LOCATIONS PRIOR TO INSTALLATION WITH ARCHITECT TO COORDINATE WITH LIGHTING SYSTEM.
- SIGNS SHALL BE MOUNTED LEVEL AND PLUMB, UNLESS NOTED.
- WHERE TWO (2) SIGNS ARE MOUNTED BACK TO BACK, SMALLEST L DIMENSION SHALL INCREASE TO MATCH LARGEST L DIMENSION.
- MAXIMUM BOLT INSERT EMBEDMENT LENGTH 1", UNLESS NOTED.
- BACKS AND EDGES OF ALL ALUMINUM SIGNS MOUNTED DIRECTLY TO STRUCTURE SHALL BE PAINTED (SIGN BACKGROUND COLOR) TO PREVENT CATHODIC REACTION.
- SEE ARCHITECTURAL GRAPHICS PLANS (AG100 SERIES) FOR SIGN LOCATIONS.
- FONTS AND SYMBOLS SHALL BE REFLECTIVE.
- COLORS WHERE NOT INDICATED TO BE AS SELECTED BY OWNER AND ARCHITECT.
- REFER TO MESSAGES AND SYMBOLS LEGEND FOR ADDITIONAL SIZING.



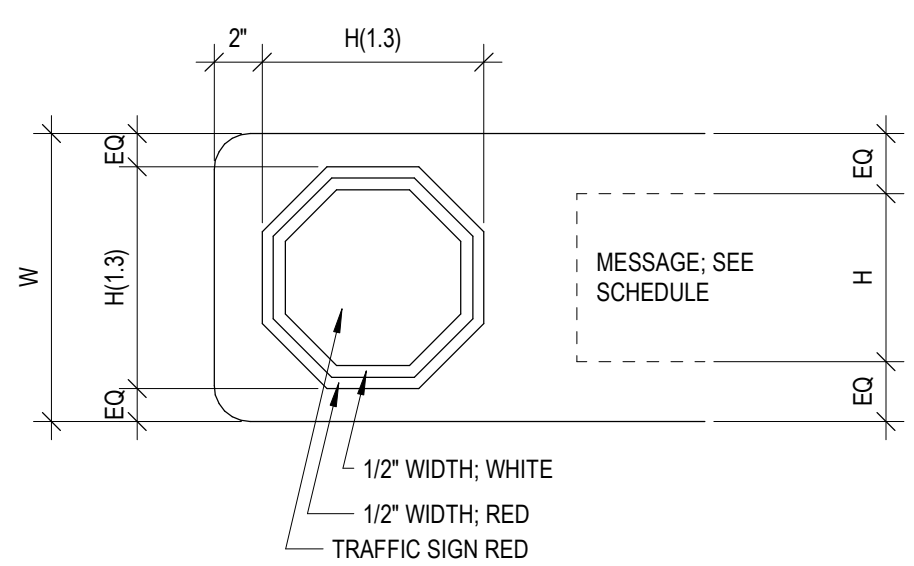
ARROW LEFT



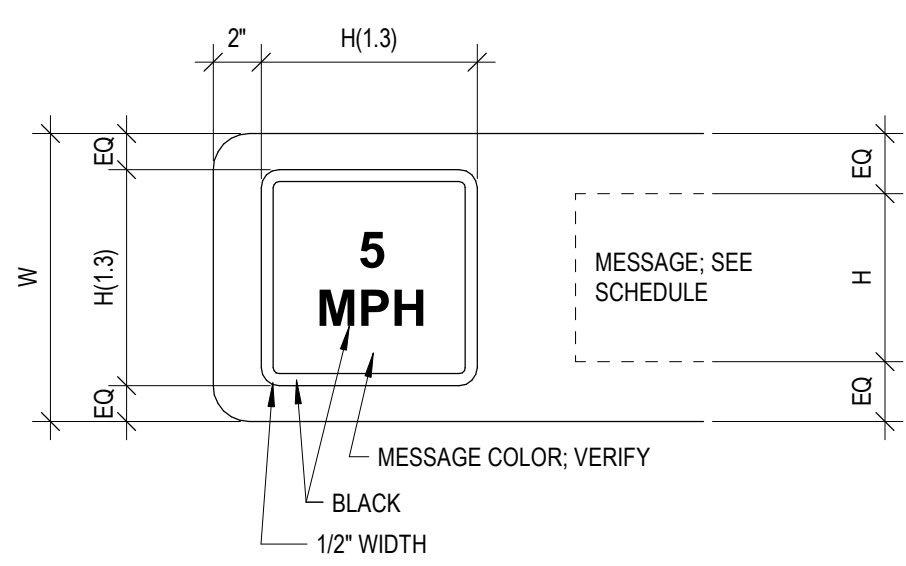
ARROW RIGHT



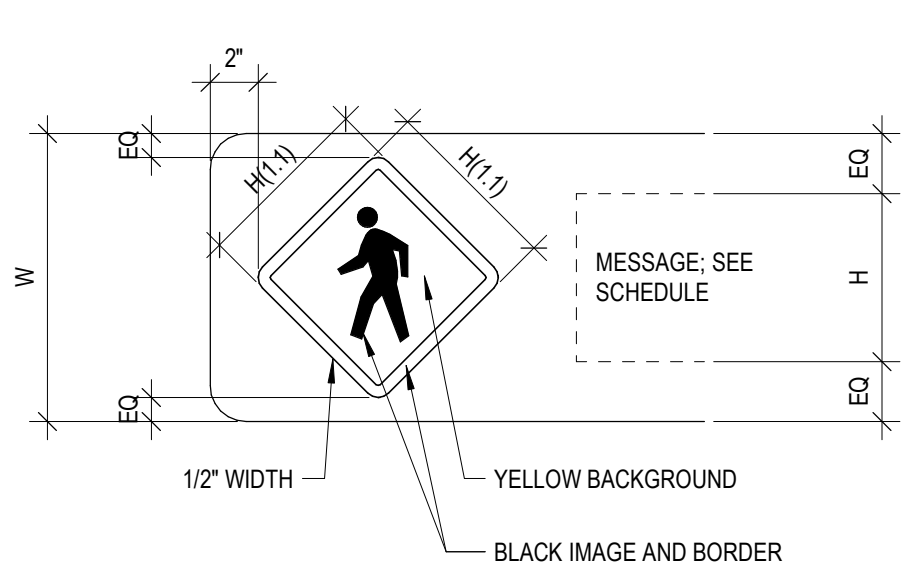
ARROW UP



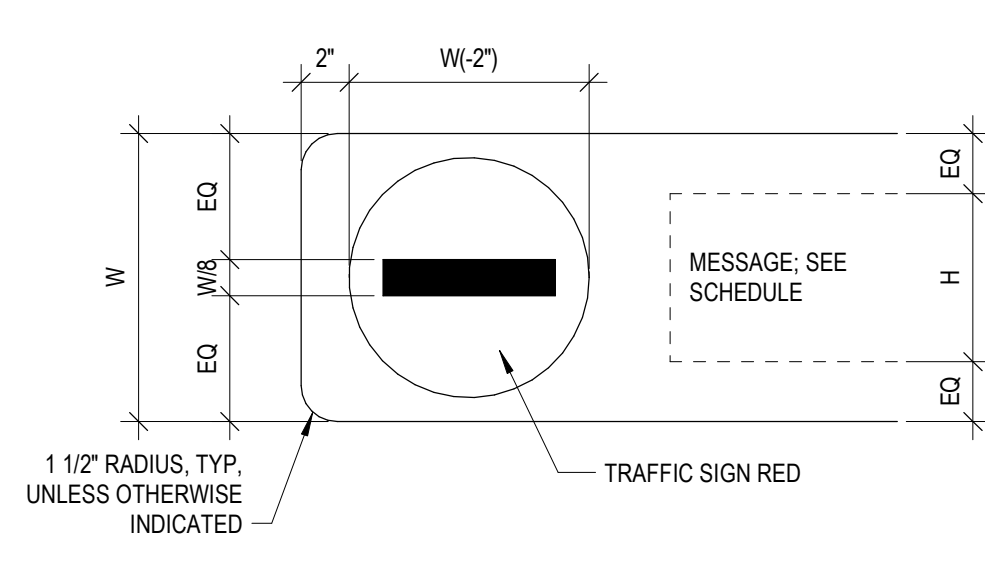
STOP



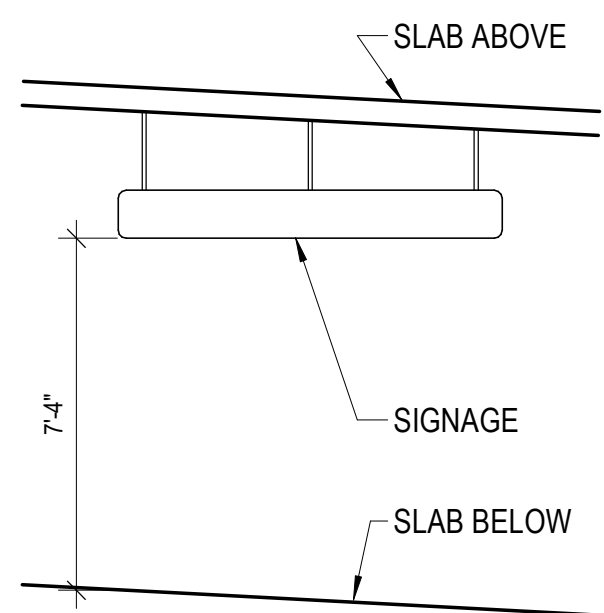
5 MPH



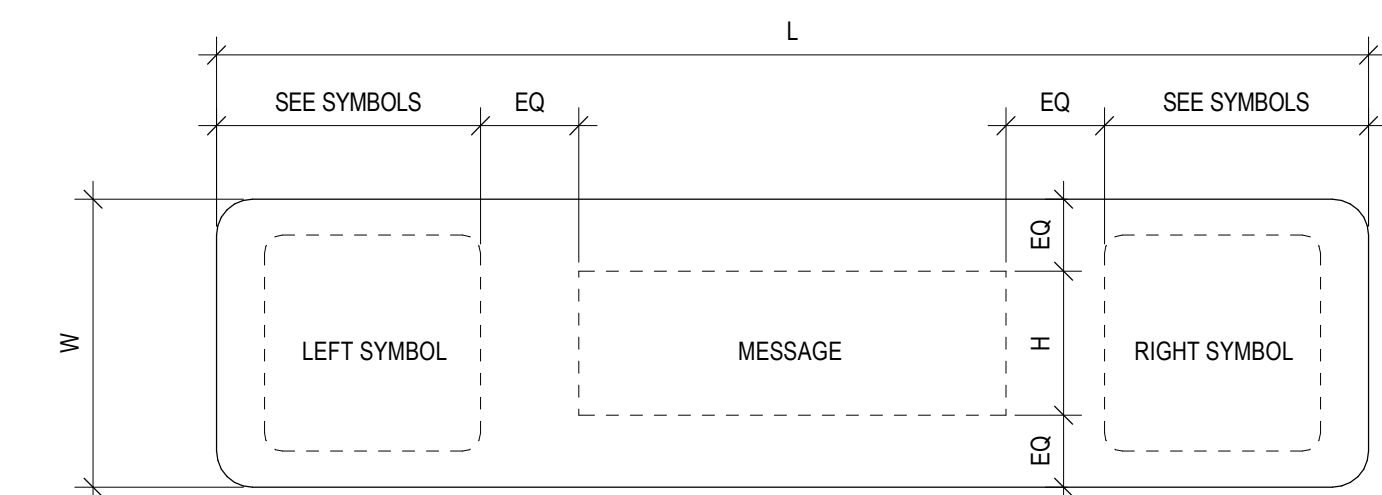
YIELD



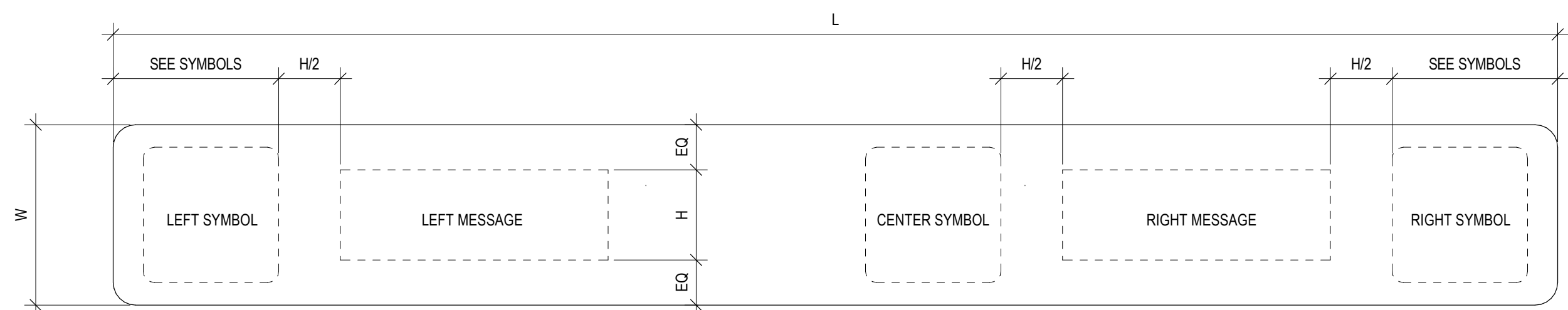
DO NOT ENTER



B5 VEHICULAR SIGN MOUNTING AT RAMP
1'-0" = 1'-0"

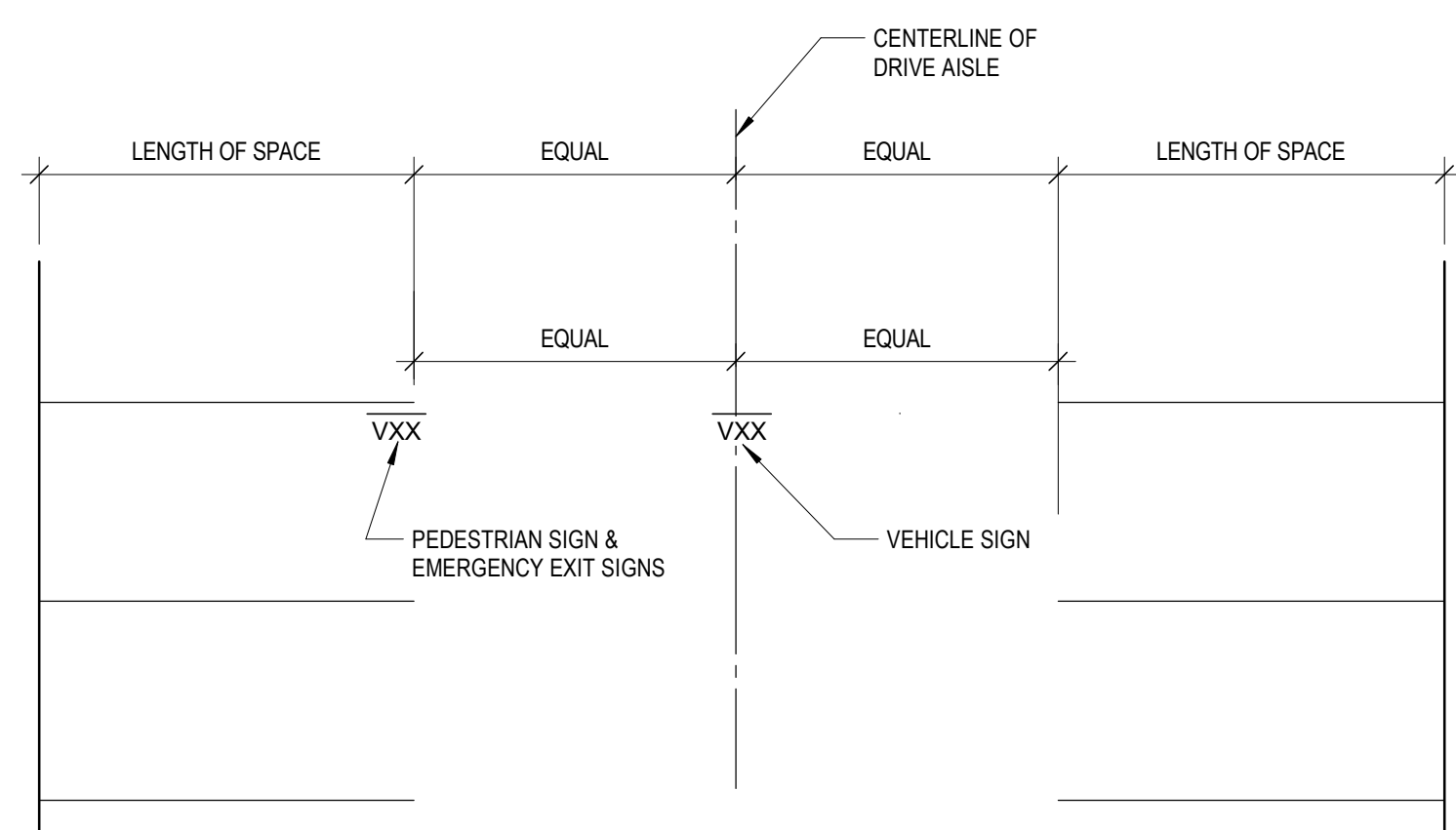


SINGLE MESSAGE SIGN



DUAL MESSAGE SIGN

A1 MESSAGES & SYMBOLS LEGEND
1 1/2" = 1'-0"



A5 SIGN LOCATION
1/8" = 1'-0"

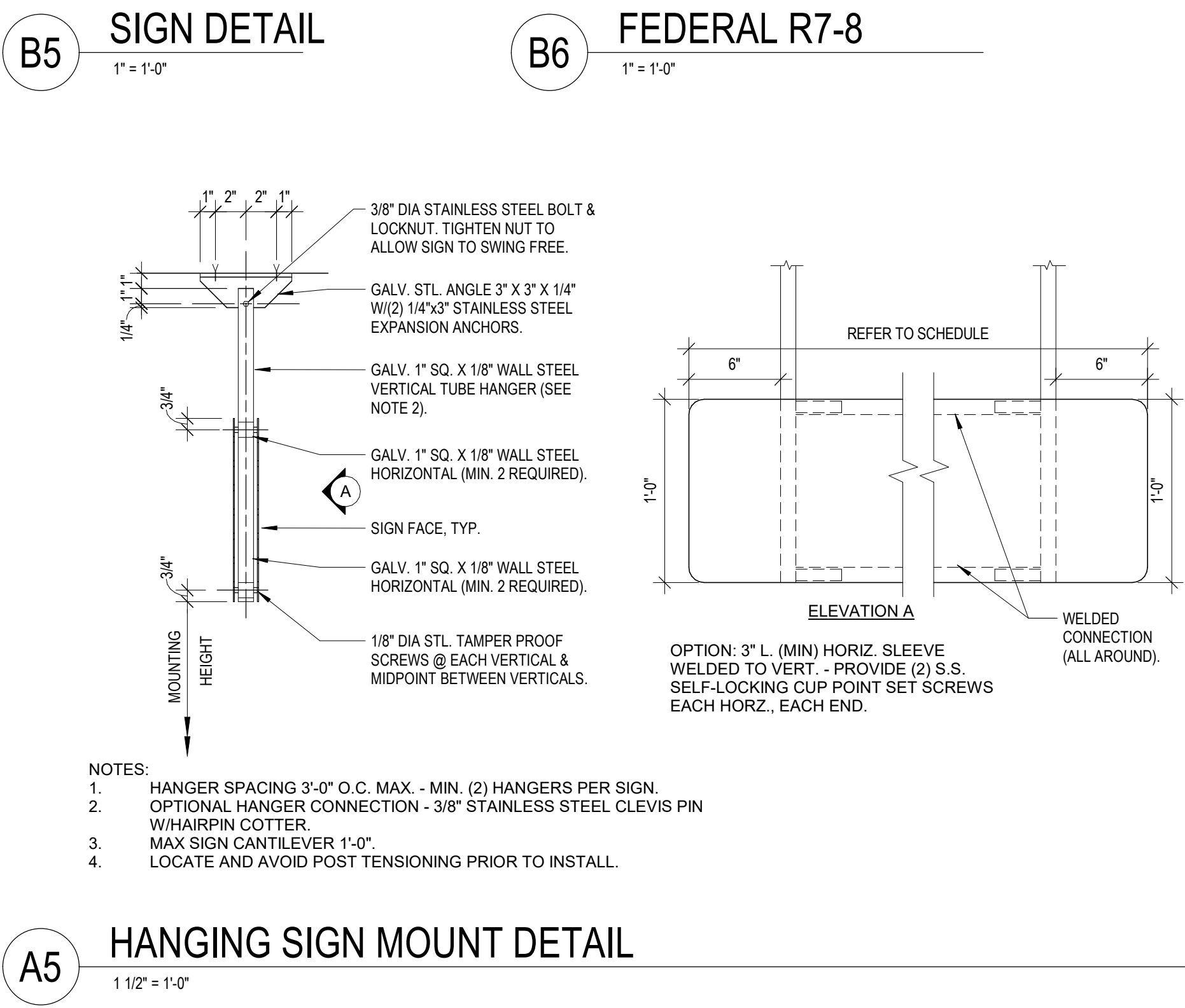
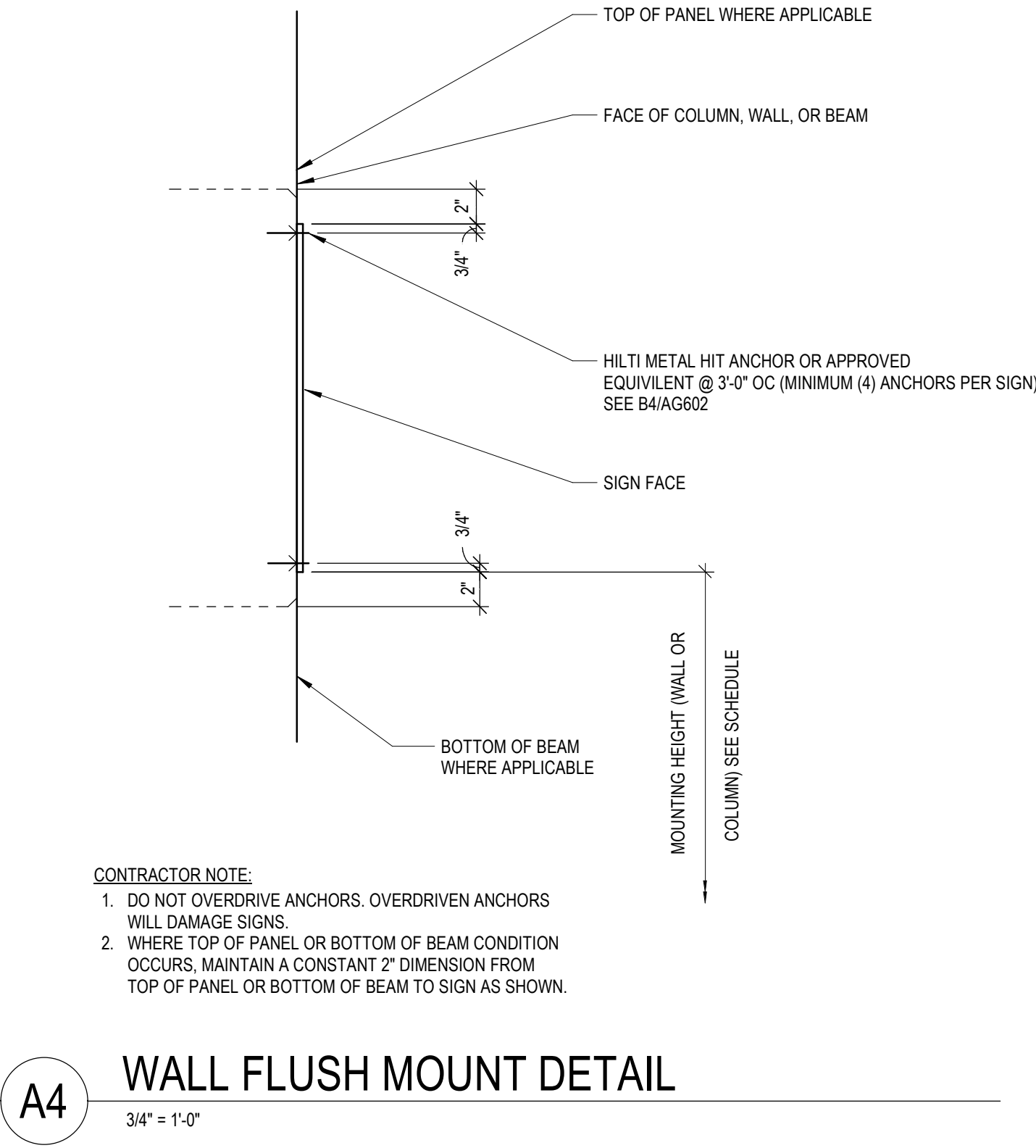
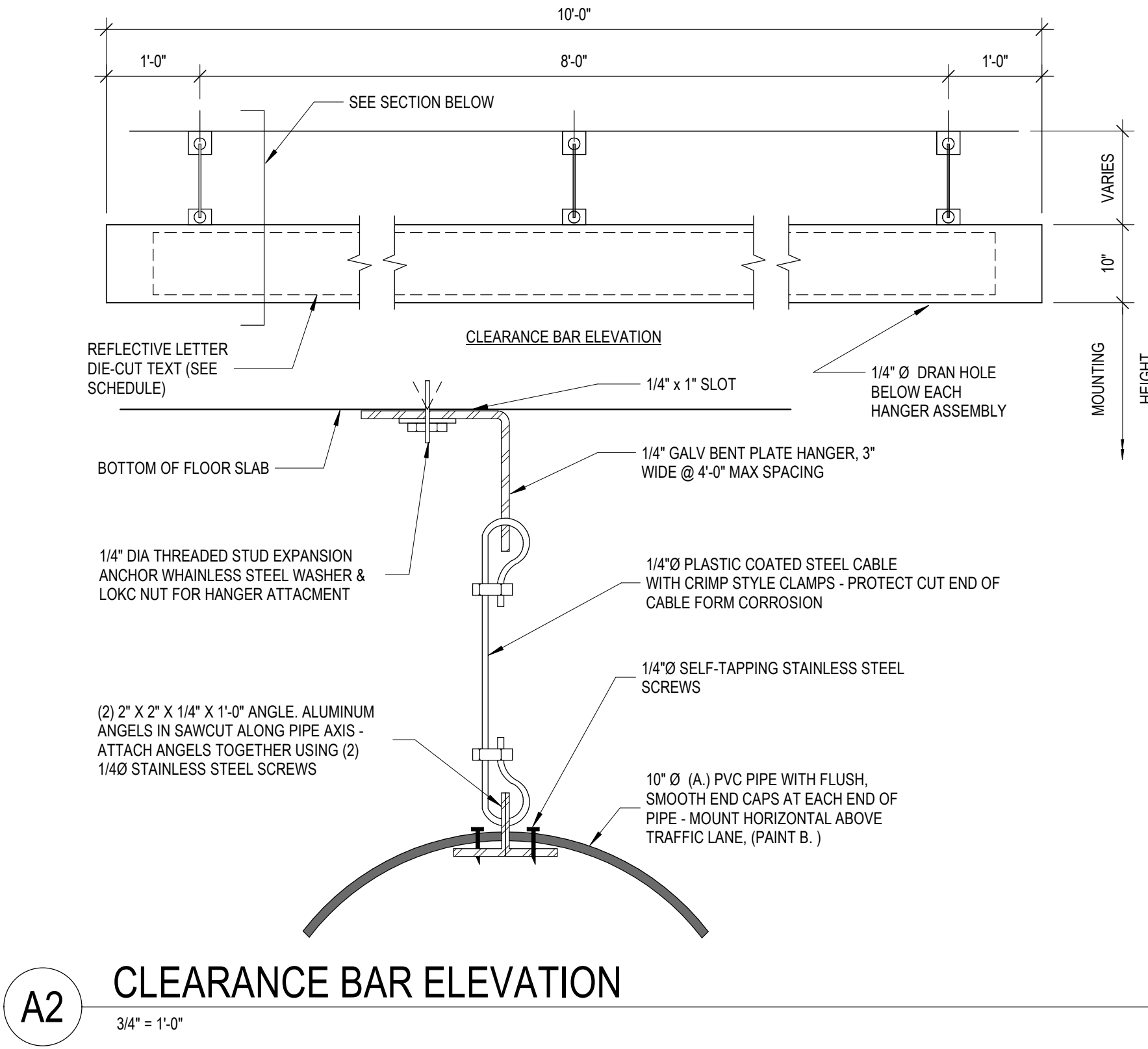
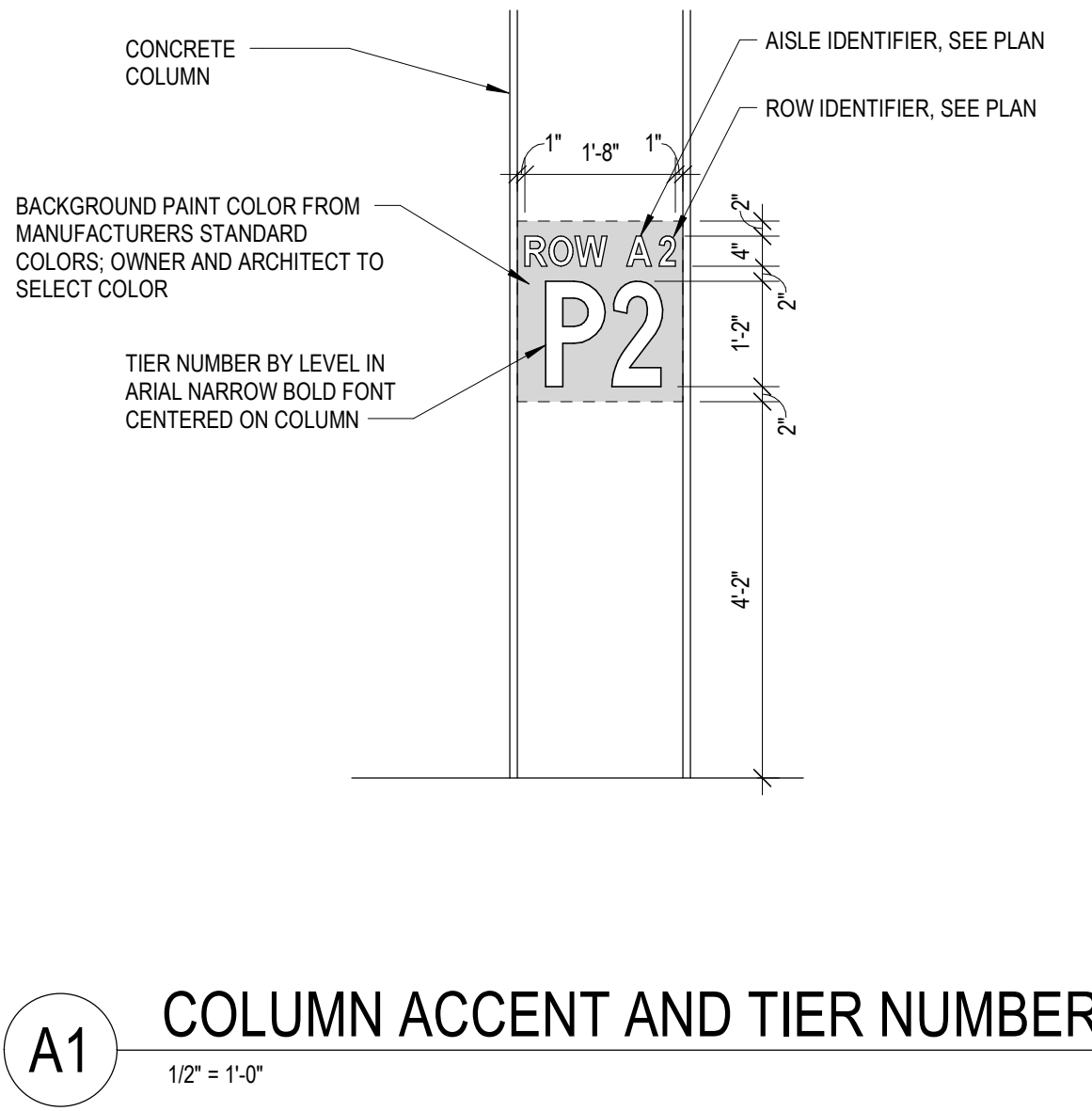
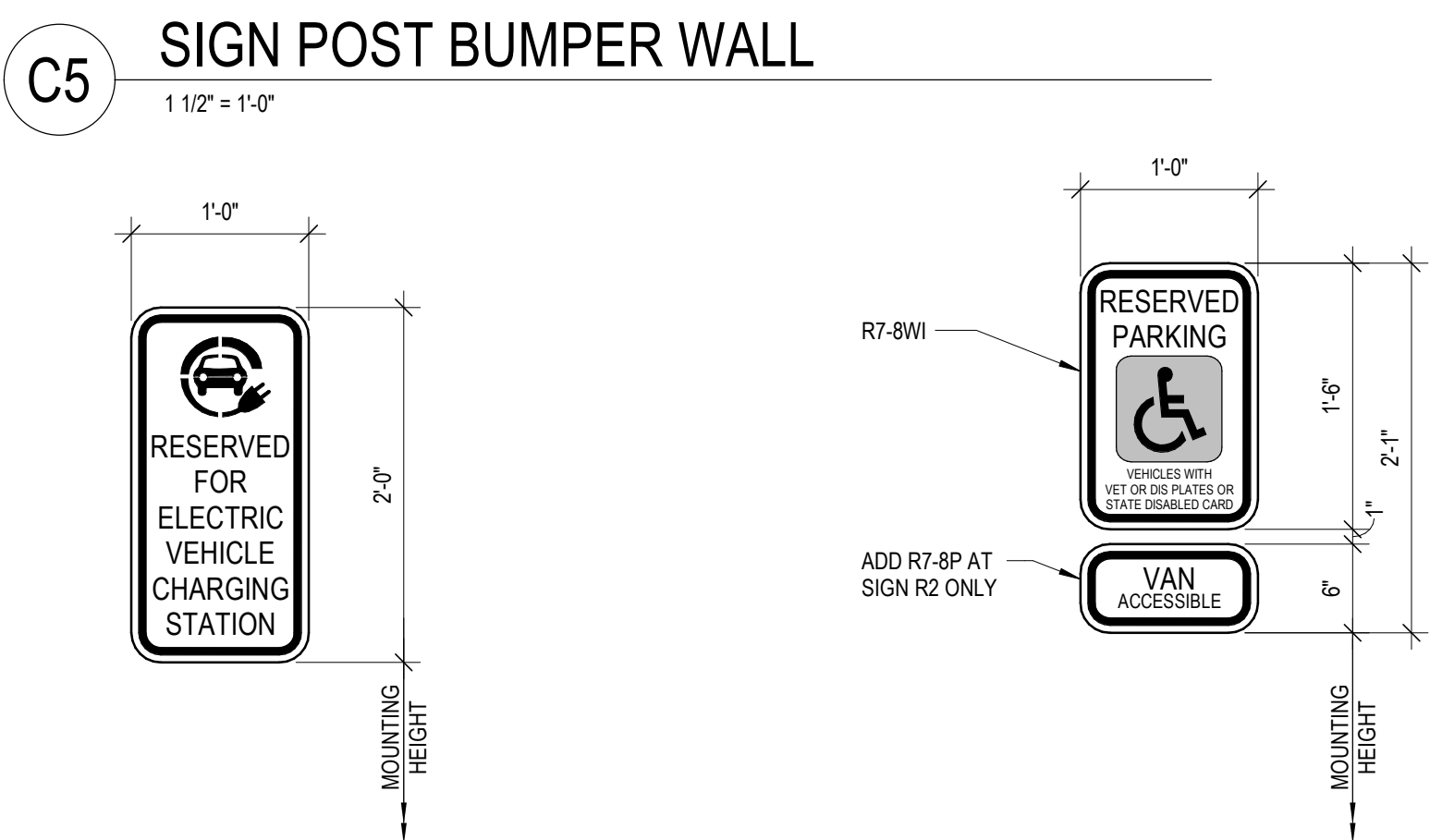
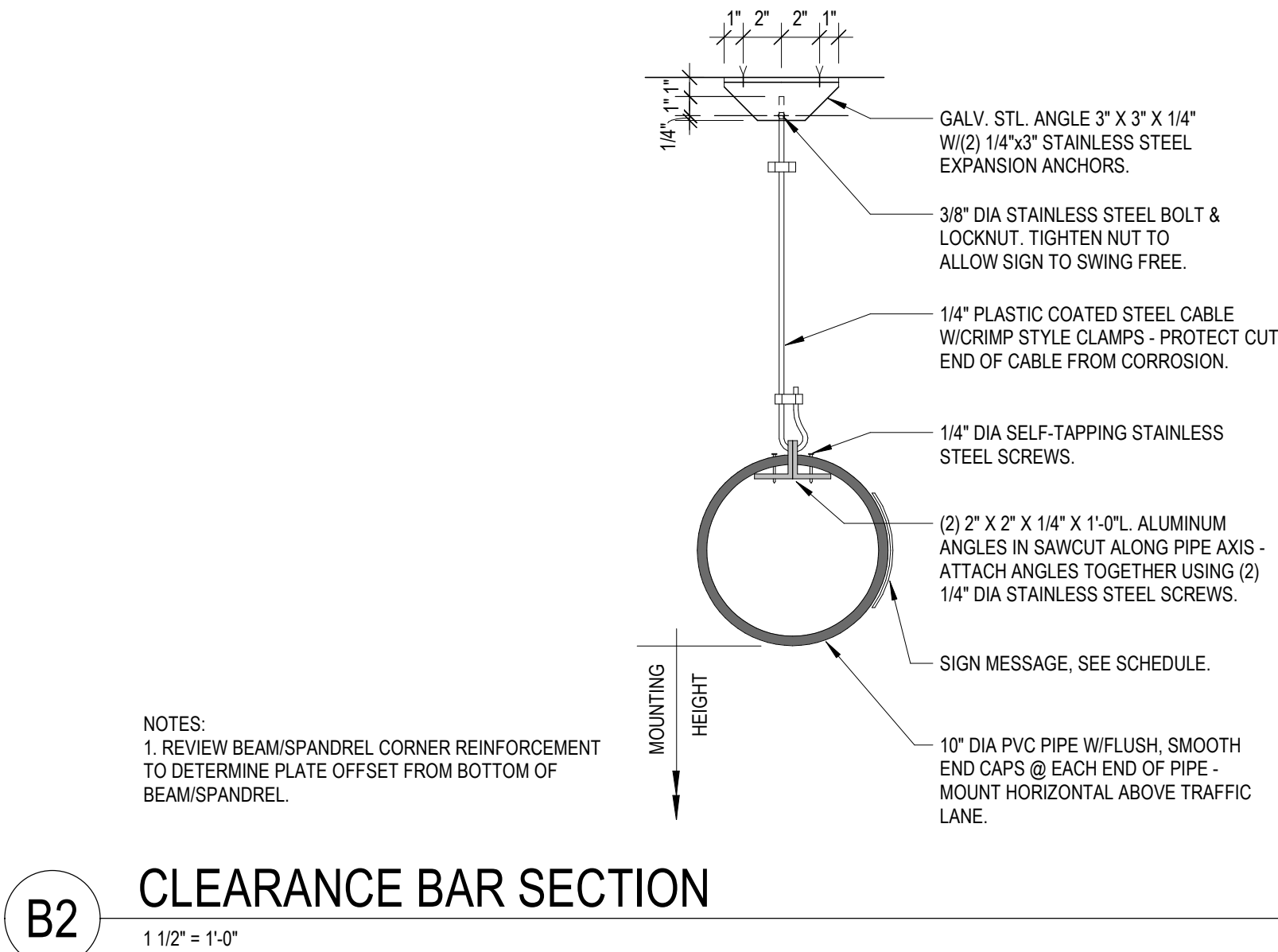
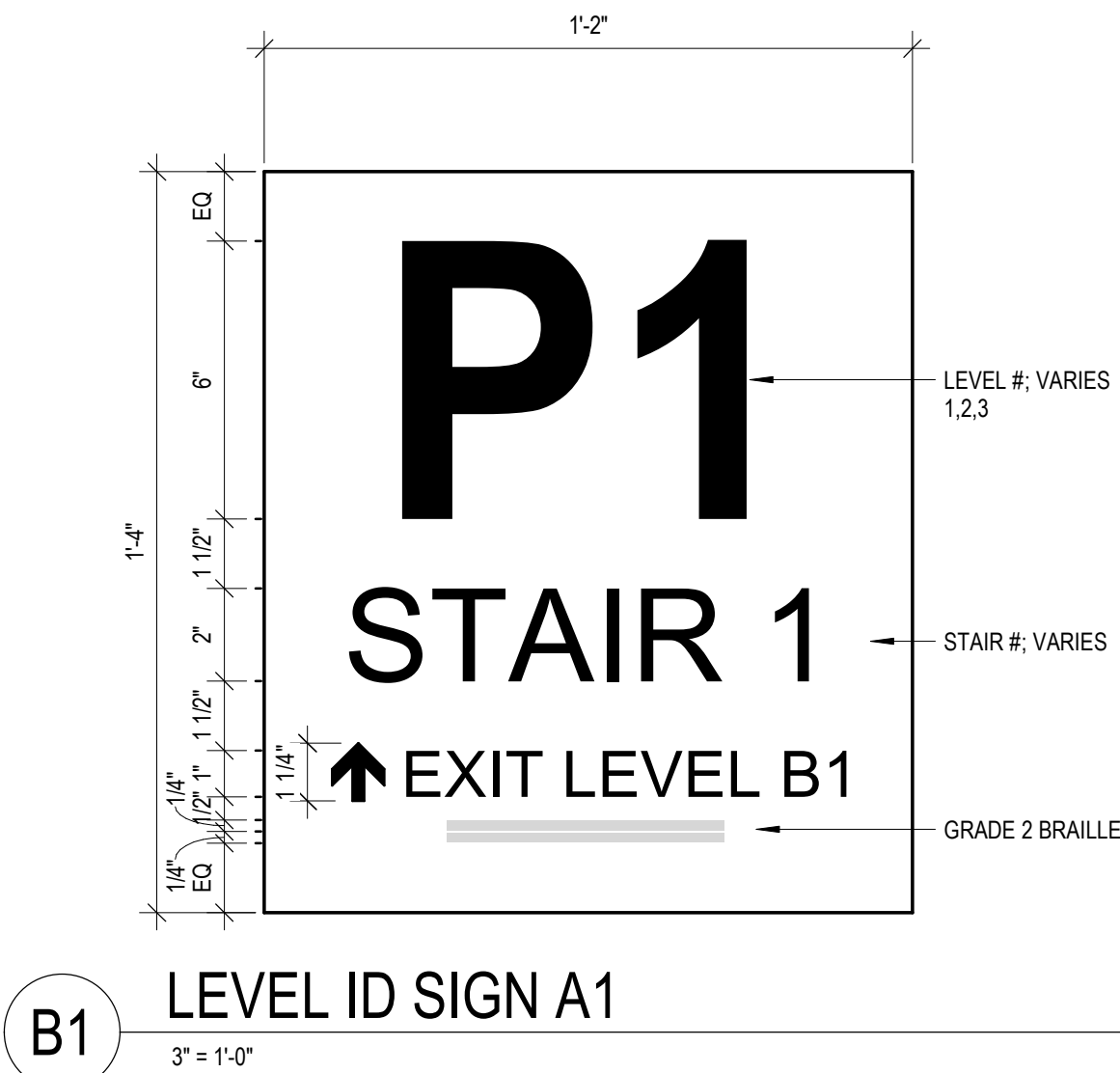
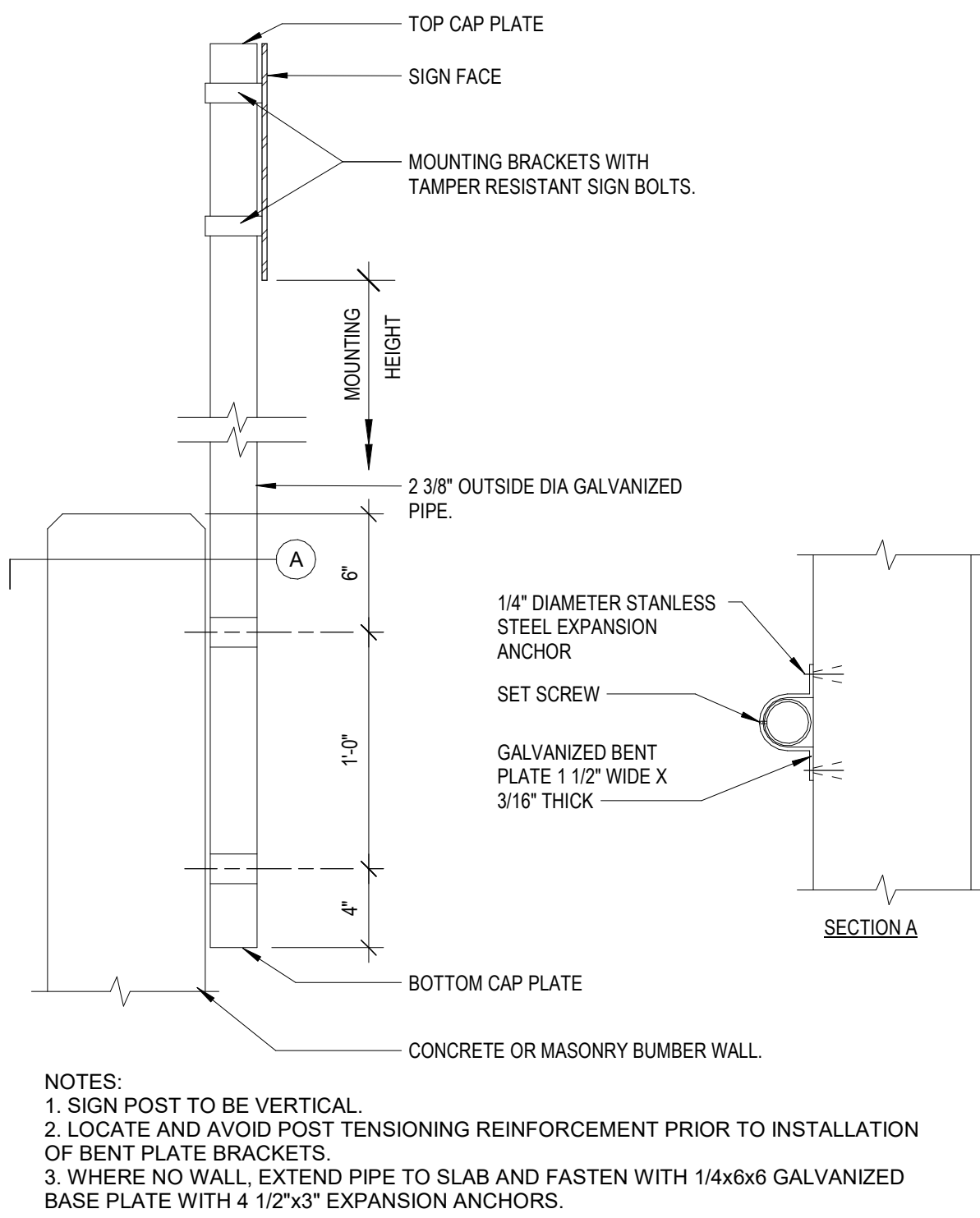
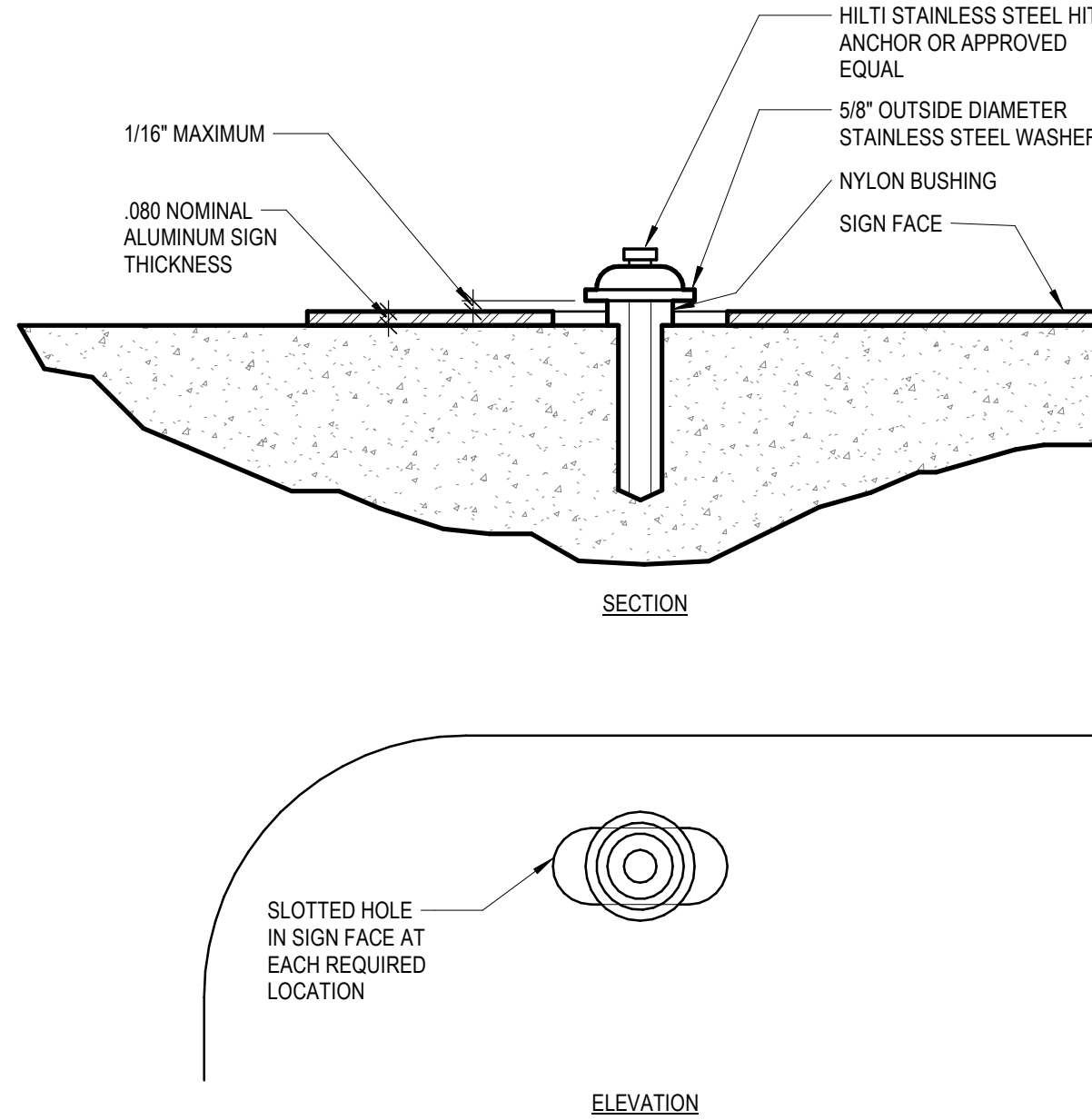
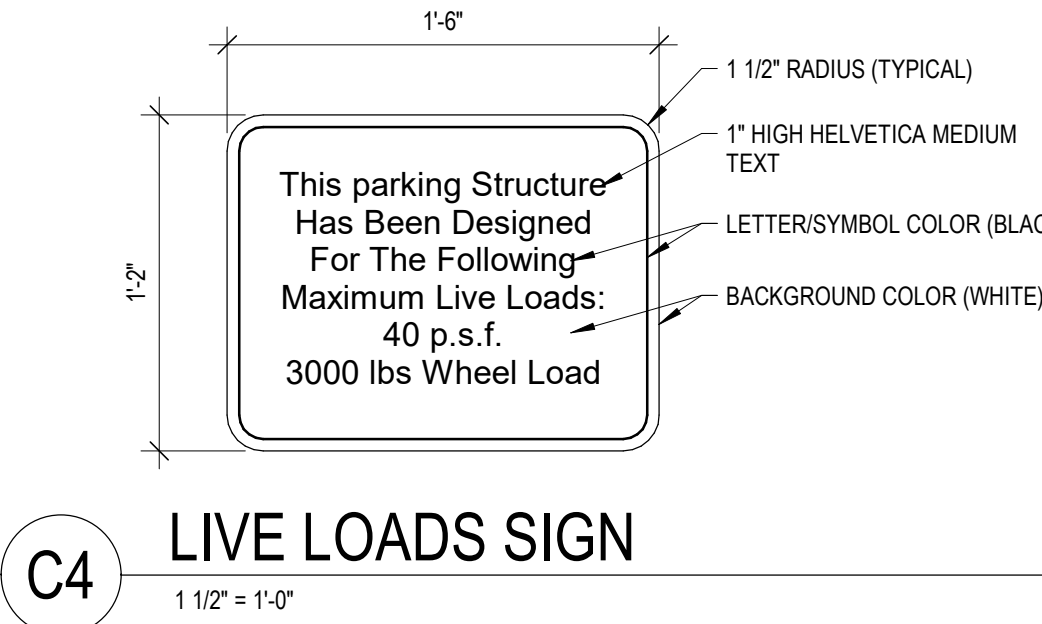
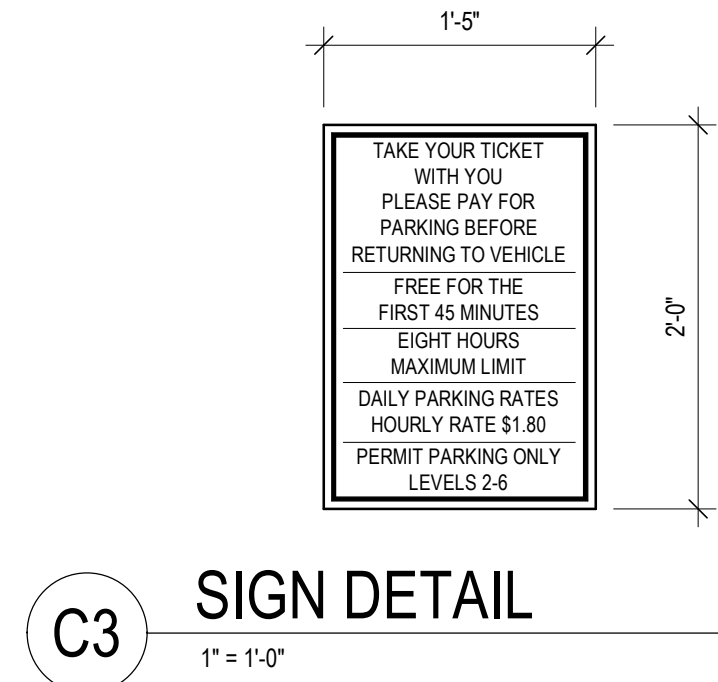
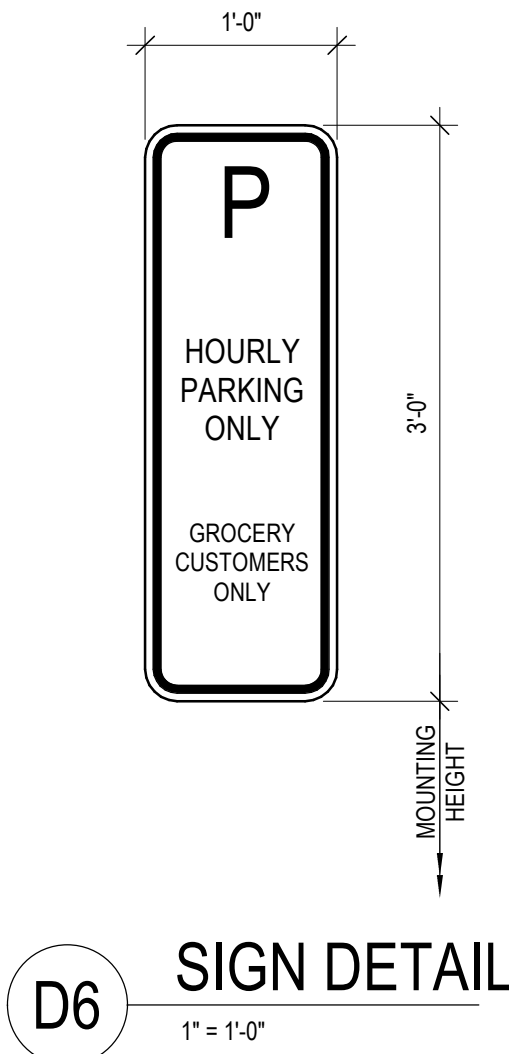
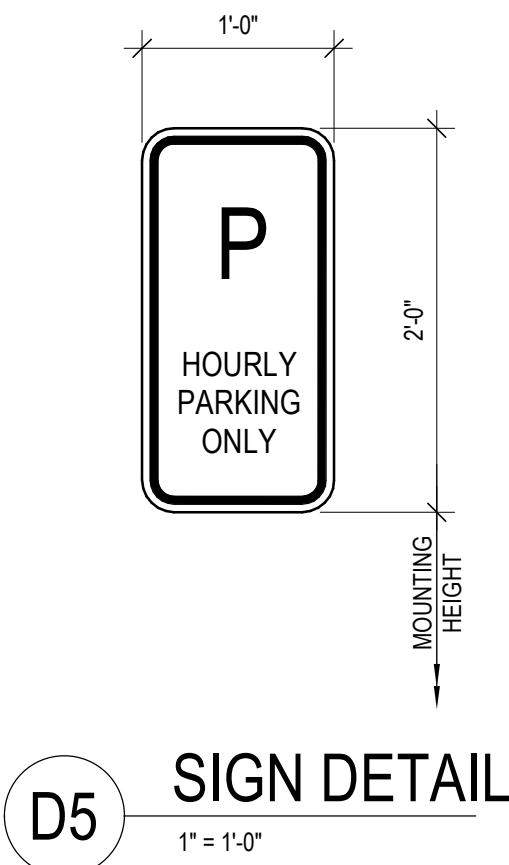
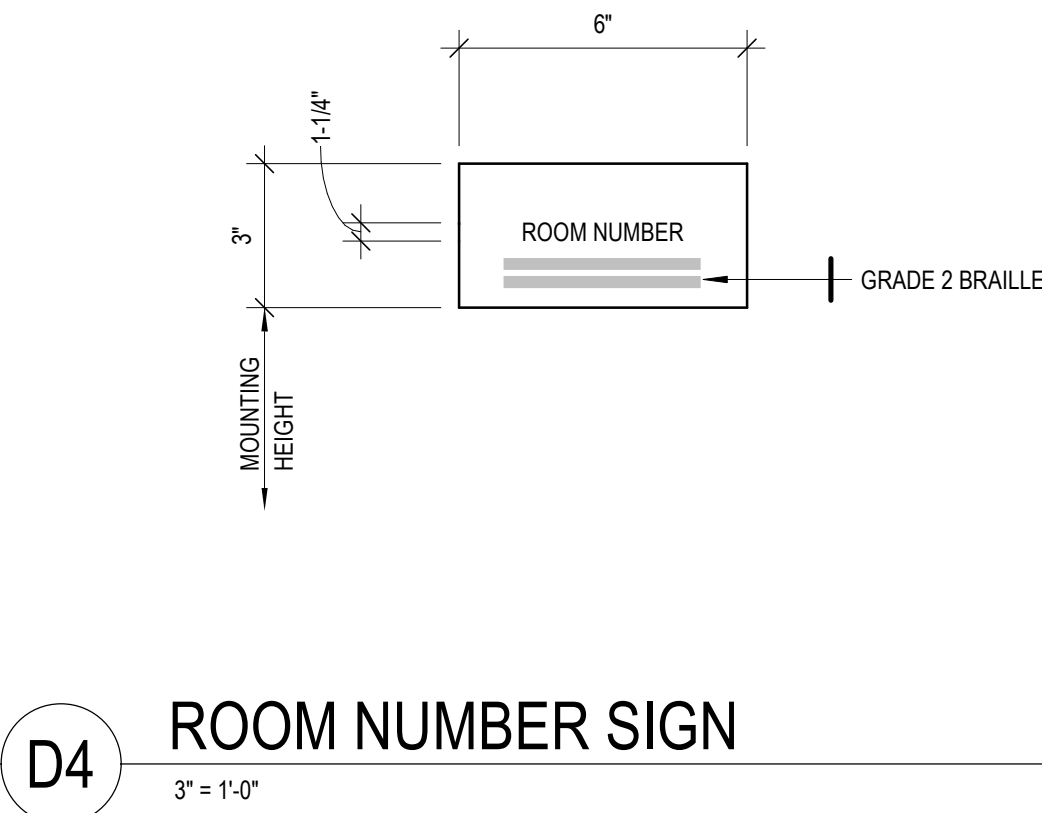
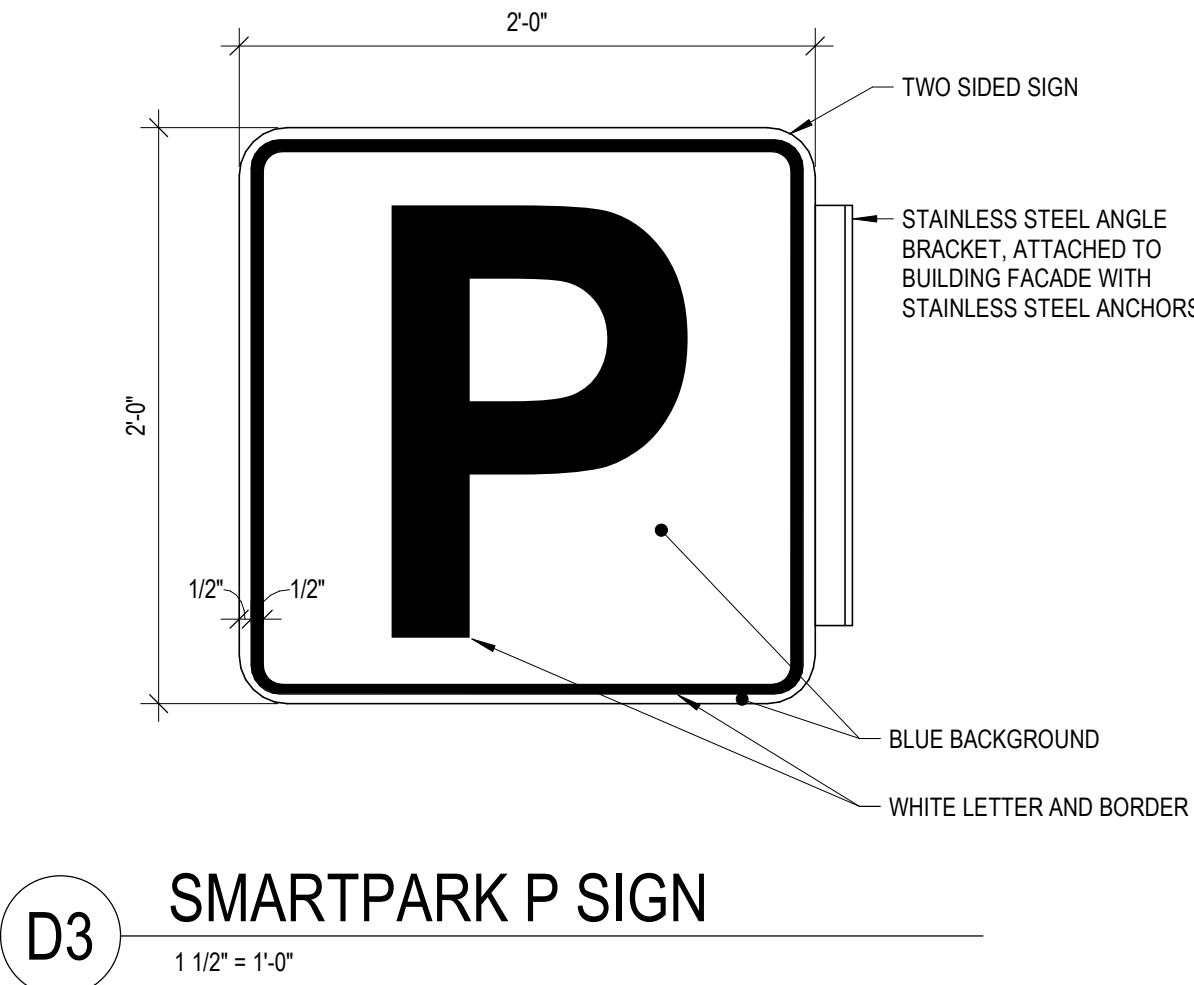
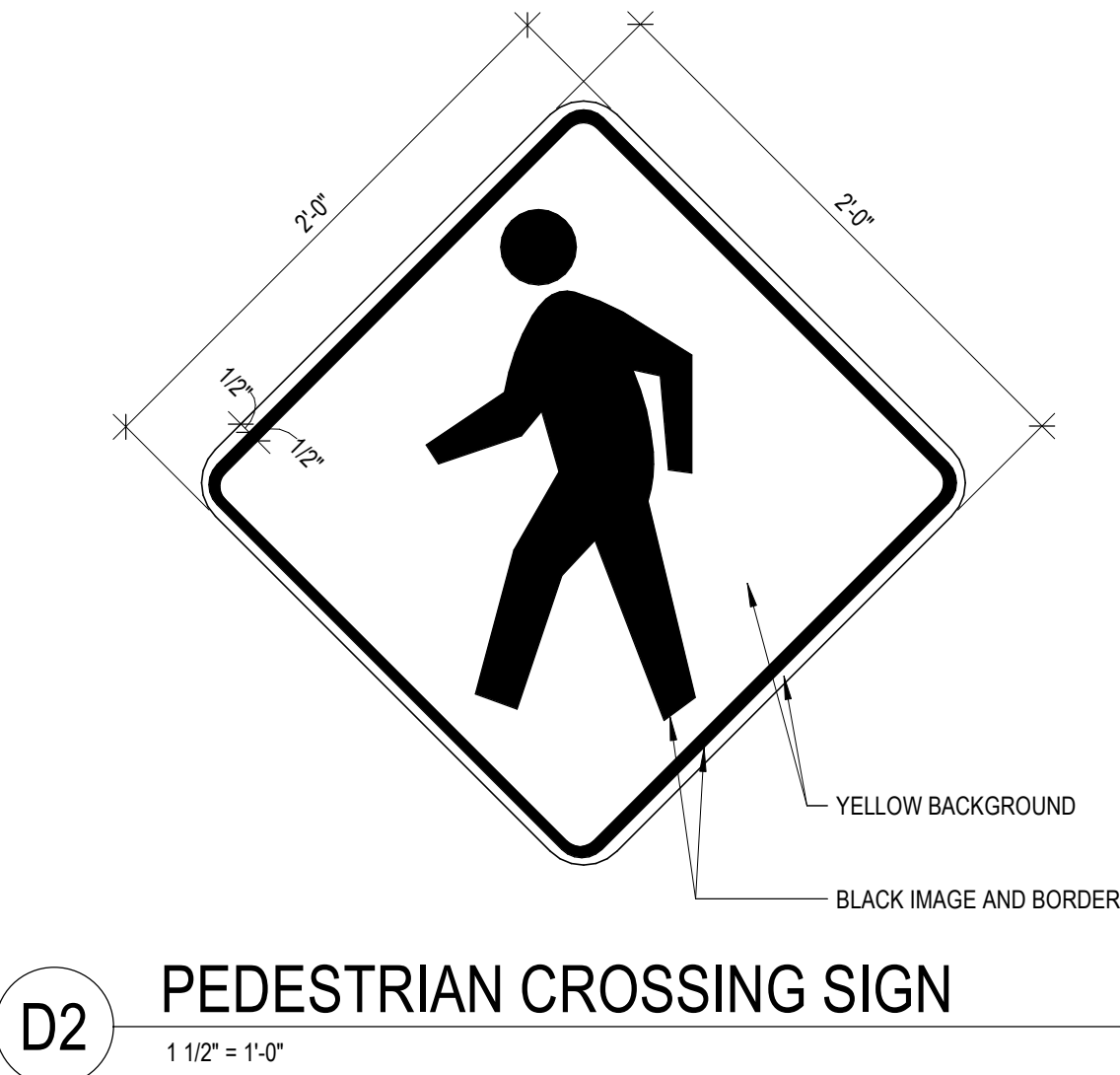
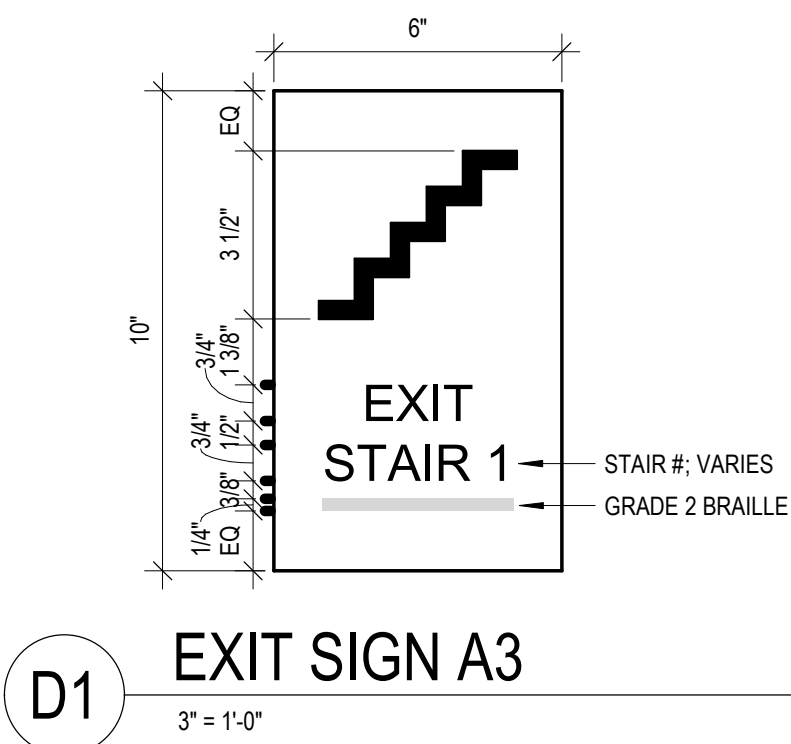
PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00
DATE: 07/28/2023
DRAWN BY: Author
CHECKED BY: Checker
APPROVED BY: Approver
SCALE: AS NOTED

SHEET TITLE:

SIGN SCHEDULE AND
COMPONENTS

SHEET NUMBER:



Autodesk Docs://20225013.00 - Village on Park Garage/2022-5013-E22.nt
7/24/2023 12:31:13 PM

ELECTRICAL SYMBOLS AND ABBREVIATIONS

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS INDICATED HERE ARE USED IN DRAWINGS AND MAY NOT APPLY TO CURRENT PROJECT. ADDITIONAL SYMBOLS MAY BE INDICATED ON DRAWINGS. ALL LISTED MOUNTING HEIGHTS ARE TO CENTER OF BOX, UNLESS OTHERWISE INDICATED.

ELECTRICAL ABBREVIATIONS

1P	-	ONE POLE	KVA	-	KILOVOLT AMPERE
2P	-	TWO POLE	KVAR	-	KILOVOLT AMPERE REACTIVE
3P	-	THREE POLE	KW	-	KILOWATT
4P	-	FOUR POLE	LP	-	LIGHTING PANEL
1P 1W	-	ONE POLE, ONE WIRE	LS	-	LIMIT SWITCH
1P 2W	-	ONE POLE, TWO WIRE	LTO	-	LIGHTING
2P 2W	-	TWO POLE, TWO WIRE	LV	-	LOW VOLTAGE
2P 3W	-	TWO POLE, THREE WIRE	MCC	-	MECHANICAL CONTRACTOR
3P 2W	-	THREE POLE, TWO WIRE	MCA	-	MINIMUM CIRCUIT AMPS
3P 3W	-	THREE POLE, THREE WIRE	MCC	-	MOTOR CONTROL CENTER
3P 4W	-	THREE POLE, FOUR WIRE	MCP	-	MAIN DISTRIBUTION PANEL
4P 4W	-	FOUR POLE, FOUR WIRE	MISC	-	MISCELLANEOUS
A	-	AMPERE	MH	-	MANHOLE
AF	-	ALTERNATING CURRENT	ML	-	MAIN LIVES ONLY
AFF	-	AMPERE FRAME	MTD	-	MOUNTED
AFG	-	ABOVE FINISHED FLOOR	MTG	-	MOUNTING
AK	-	ABOVE FINISHED GRADE	MTS	-	MANUAL TRANSFER SWITCH
AKC	-	AMPERE INTERRUPTING CAPACITY	MW	-	MICROWAVE
ANSI	-	AMERICAN NATIONAL STANDARDS INSTITUTE	MV	-	MEDIUM VOLTAGE
AL	-	ALUMINUM	N/A	-	NOT APPLICABLE
AS	-	AMP SWITCH	NC	-	NORMALLY CLOSED
AT	-	AMP TRIP	NEC	-	NATIONAL ELECTRIC CODE
ARCH	-	ARCHITECT	NIC	-	NOT IN CONTRACT
ATS	-	AUTOMATIC TRANSFER SWITCH	NO	-	NORMALLY OPEN
A/V	-	AUDIO VISUAL	#	-	NUMBER
AWG	-	AMERICAN WIRE GRADE	NTS	-	NOT TO SCALE
B	-	BEFORE	OSP	-	OUTSIDE PLANT
BF	-	BELOW FLOOR	P	-	POLE
BFC	-	BELOW FINISHED CEILING	PB	-	PULL BOX
BFF	-	BELOW FINISHED FLOOR	PC	-	PLUMBING SYSTEM CONTRACTOR
BFG	-	BELOW FINISHED GRADE	PH	-	PHASE
BLDG	-	BUILDING	PNL	-	PANEL OR PANELBOARD
C	-	CONDUIT	PP	-	POWER PANEL
CAM	-	CAMERA	PR	-	PAIR
CAT	-	CATALOG	PRI	-	PRIMARY
CATV	-	CABLE TELEVISION	PROJ	-	PROJECTOR
CB	-	CIRCUIT BREAKER	PVC	-	POLYVINYL CHLORIDE
CKT	-	CIRCUIT	REC	-	RECESSED
CKT	-	CEILING MOUNTED	REUSE CKT	-	REUSE EXISTING CIRCUIT
CO	-	COPIER	REF	-	REFRIGERATOR
CT	-	CURRENT TRANSFORMER	RSC	-	RIGID STEEL CONDUIT
CU	-	COPPER	SC	-	SECURITY CONTRACTOR
CL	-	CENTERLINE	SEC	-	SECONDARY
DC	-	DIRECT CURRENT	SN	-	SOLID NEUTRAL
DR	-	DRIVER	SP	-	SPRINKLER
Δ	-	DELTA	SS	-	STAINLESS STEEL
DISC	-	DISCONNECT	ST	-	SHUNT TRIP
DISHW	-	DISHWASHER	STP	-	SHUNT TRIP
DWG	-	DRAWING	SUSP	-	SUSPENDED
E	-	EMERGENCY	SW	-	SWITCH
EC	-	ELECTRICAL CONTRACTOR	SWBD	-	SWITCHBOARD
EMT	-	ELECTRIC METALLIC TUBING	T	-	TAMPER RESISTANT SAFETY RECEPTACLE
ETR	-	EXISTING TO REMAIN	TBB	-	TELECOMMUNICATIONS BONDING BACKBONE
ER	-	EQUIPMENT ROOM	TC	-	TELEPHONE CABINET
ERL	-	EXISTING TO BE RELOCATED	TCL	-	TELECOMMUNICATIONS CABLING INSTALLER
ERLD	-	RELOCATED EQUIPMENT'S NEW LOCATION	TELE / DATA	-	TELEPHONE / DATA
EWC	-	ELECTRIC WATER COOLER	TEL	-	TELEPHONE
EXIST	-	EXISTING	TELECOM	-	TELECOMMUNICATIONS
FLA	-	FIRE ALARM	TGP	-	TELECOMMUNICATIONS GROUNDING BUSBAR
FIB	-	FIBER OPTIC	TGMB	-	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
FPC	-	FIRE PROTECTION CONTRACTOR	TP	-	TYPICAL
GC	-	GENERAL CONTRACTOR	TYP	-	TYPICAL
GCS	-	GENERATOR CLOSING STATION	UG	-	UNDERGROUND
GFCI	-	GROUND FAULT CIRCUIT INTERRUPTER	UTP	-	UNSHIELDED TWISTED PAIR
GFPE	-	GROUND FAULT PROTECTION EQUIPMENT	UIO	-	UNLESS OTHERWISE INDICATED
GND	-	GROUND	V	-	VOLT
GRC	-	GROUNDING RIGID CONDUIT	WA	-	WASHER
HH	-	HANDHOLE	WAP	-	WIRELESS ACCESS POINT
HP	-	HOT/SPARKPROOF	WGP	-	WATERPROOF
HVAC	-	HEATING, VENTILATING, AND AIR CONDITIONING	XFMR	-	TRANSFORMER
HZ	-	HERTZ (CYCLE) PER SECOND	XRAY	-	XRAY
IDP	-	INSIDE PLANT	XV	-	XRAY VIEWER
IT	-	INFORMATION TECHNOLOGY	Y	-	WYE
JB	-	JUNCTION BOX	ZAM	-	ZONE ADAPTER MODULE

EQUIPMENT AND PANELBOARDS

	TRANSFORMER		DISTRIBUTION CIRCUIT PANELBOARD		BRANCH CIRCUIT PANELBOARD
- (X) INDICATES DESIGNATION		- (X) INDICATES DESIGNATION		- (X) INDICATES DESIGNATION	
	CURRENT TRANSFORMER CABINET		METER		MAIN GROUND BAR

GENERAL SYMBOLS

	DETAIL REFERENCE		PICTURE LOCATION REFERENCE
- TOP DESIGNATES DETAIL NUMBER		- TOP DESIGNATES DETAIL NUMBER	
- BOTTOM DESIGNATES SHEET NUMBER		- BOTTOM DESIGNATES SHEET NUMBER	
	1/E-XXX MATCHLINE REFERENCE		

RACEWAYS AND BOXES

	BUSWAY		MANHOLE		FLOOR BOX
- RATING AND TYPE AS INDICATED ON DRAWINGS		- (X) INDICATES TYPE		- (X) INDICATES TYPE	
	MULTI-OUTLET RACEWAY ASSEMBLY		HANDHOLE		OUTLET TYPES REQUIRED AT EACH BOX AS INDICATED ON DRAWINGS
- WALL MOUNTED 1'-6" AFF, UIO			PULL BOX		POKE THRU
			JUNCTION BOX	- (X) INDICATES TYPE	
			CABLE TAP BOX	- (X) INDICATES TYPE	
			POWER POLE	- (X) INDICATES TYPE	
			OUTLET TYPES REQUIRED AT EACH BOX AS INDICATED ON DRAWINGS	- (X) INDICATES TYPE	

MOTOR STARTERS AND DISCONNECTS

	MANUAL MOTOR STARTER		DISCONNECT SWITCH
- SIZE AS INDICATED ON DRAWINGS		- (X) INDICATES TYPE	
	MAGNETIC MOTOR STARTER		CIRCUIT BREAKER
		(F) FUSED	
	MAGNETIC MOTOR STARTER AND DISCONNECT COMBINATION		VARIABLE FREQUENCY DRIVE MOTOR CONTROLLER

WIRING DEVICES

TYPE ABBREVIATIONS:			
(AF) ARC-FAULT CIRCUIT INTERRUPTER			
(GF) GROUND FAULT CIRCUIT INTERRUPTING			
(TR) TAMPER RESISTANT			
(USB) TWO INTEGRAL USB 2.0 AMP CHARGING PORTS			
(WP-D) DAMP LOCATION WITH WEATHERPROOF COVER			
(WP-W) WET LOCATION WITH WEATHERPROOF IN-USE COVER			
(WR) WEATHER RESISTANT			
	DUPLEX RECEPTACLE		DUPLEX RECEPTACLE
- MOUNTED 1'-6" AFF UIO		- (X) INDICATES CIRCUIT NUMBER (PANEL BOUNDARY AS INDICATED ON DRAWINGS)	
- (X) INDICATES CIRCUIT NUMBER (PANEL BOUNDARY AS INDICATED ON DRAWINGS)		- (Y) INDICATES TYPE	
	QUADPLEX RECEPTACLE		QUADPLEX RECEPTACLE
- MOUNTED 1'-6" AFF UIO		- (X) INDICATES CIRCUIT NUMBER (PANEL BOUNDARY AS INDICATED ON DRAWINGS)	
- (Y) INDICATES TYPE		- (Y) INDICATES TYPE	
	DUPLEX RECEPTACLE MOUNTED HORIZONTALLY 6" ABOVE COUNTER BACKSPLASH, UIO		DUPLEX RECEPTACLE MOUNTED HORIZONTALLY 6" ABOVE COUNTER BACKSPLASH, UIO
- (X) INDICATES CIRCUIT NUMBER (PANEL BOUNDARY AS INDICATED ON DRAWINGS)		- (X) INDICATES CIRCUIT NUMBER (PANEL BOUNDARY AS INDICATED ON DRAWINGS)	
- (Y) INDICATES TYPE		- (Y) INDICATES TYPE	
	QUADPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, UIO		QUADPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH, UIO
- (X) INDICATES CIRCUIT NUMBER (PANEL BOUNDARY AS INDICATED ON DRAWINGS)		- (X) INDICATES CIRCUIT NUMBER (PANEL BOUNDARY AS INDICATED ON DRAWINGS)	
- (Y) INDICATES TYPE		- (Y) INDICATES TYPE	
	DUPLEX RECEPTACLE		DUPLEX RECEPTACLE
- TOP HALF SWITCHED		- MOUNTED 1'-6" AFF UIO	
- MOUNTED 1'-6" AFF UIO		- (X) INDICATES CIRCUIT NUMBER (PANEL BOUNDARY AS INDICATED ON DRAWINGS)	
- (Y) INDICATES TYPE		- (Y) INDICATES TYPE	

LIGHTING FIXTURES

	SURFACE OR PENDANT MOUNTED		EMERGENCY BATTERY UNIT
	RECESSED MOUNTED	- WALL MOUNT AT 8'-0" AFF UIO	
	WALL SURFACE MOUNTED		EMERGENCY BATTERY UNIT CEILING
	WALL RECESSED MOUNTED		EMERGENCY BATTERY UNIT SINGLE REMOTE HEAD
	STRIP LIGHTING TRACK	- WALL MOUNT AT 8'-0" AFF UIO	
	LIGHTING TRACK		EMERGENCY BATTERY UNIT DUAL REMOTE HEAD
- LENGTH AS INDICATED ON DRAWINGS		- WALL MOUNT AT 8'-0" AFF UIO	
- NUMBER AND DIRECTION OF FIXTURES AS INDICATED ON DRAWINGS AND / OR SCHEDULE			WALL MOUNTED EXIT LIGHT FIXTURE WITH EMERGENCY HEADS
	SURFACE MOUNTED ACCENT	- MOUNT AT 8'-0" AFF UIO	
- ARROW INDICATES DIRECTION OF ILLUMINATION		- SHADING INDICATES FACE(S)	
	RECESSED MOUNTED ACCENT	- ARROWS AND FACE(S) AS INDICATED ON DRAWINGS	
- ARROW INDICATES DIRECTION OF ILLUMINATION			CEILING MOUNTED EXIT LIGHT FIXTURE WITH EMERGENCY HEADS
	POLE MOUNTED WITH ARM	- SHADING INDICATES FACE(S)	
	BOLLARD	- ARROWS AND FACE(S) AS INDICATED ON DRAWINGS	
	FLOOD LIGHT		CEILING MOUNTED EXIT LIGHT FIXTURE
		- SHADING INDICATES FACE(S)	
		- ARROWS AND FACE(S) AS INDICATED ON DRAWINGS	
			WALL MOUNTED EXIT LIGHT FIXTURE
		- MOUNT AT 8'-0" AFF UIO	
		- SHADING INDICATES FACE(S)	
		- ARROWS AND FACE(S) AS INDICATED ON DRAWINGS	

FIRE ALARM

	FIRE ALARM PANEL		HEAT DETECTOR		PHOTO-ELECTRIC SMOKE DETECTOR
- SEMIFLUSH MOUNTED		- (X) INDICATES TYPE		- WALL MOUNTED 1'-0" BFC UIO	
- (X) INDICATES DESIGNATION			BEAM SMOKE DETECTOR	- (X) INDICATES TYPE	
(FACP) ANNUNCIATOR PANEL		- (X) INDICATES TYPE		(NONE) STANDARD	
(FACP) DEDICATED FUNCTION FIRE ALARM CONTROL UNIT		- (PR) PRISM REFLECTOR		(CO) CARBON MONOXIDE	
(NAC) NAC PANEL		- (RE) RECEIVER		(MS) MULTIPLE STATION	
(FSS) FIRE SUPPRESSION CONTROL PANEL		- (TR) TRANSMITTER / RECEIVER IN ONE		(SS) SINGLE STATION	
	FIRE ALARM PANEL		BEAM SMOKE DETECTOR		CARBON MONOXIDE DETECTOR
- (X) INDICATES DESIGNATION		- (X) INDICATES TYPE		- CEILING MOUNTED	
(FACP) ANNUNCIATOR PANEL		- (X) INDICATES TYPE		(NONE) STANDARD	
(FACP) DEDICATED FUNCTION FIRE ALARM CONTROL UNIT		- (CTI) CONTROLLER		(MS) MULTIPLE STATION	
(NAC) NAC PANEL		- (PR) PRISM REFLECTOR		(SS) SOUNDER BASE	
(FSS) FIRE SUPPRESSION CONTROL PANEL		- (RE) RECEIVER		(SS) SINGLE STATION	
	FIRE FIGHTER'S TELEPHONE JACK	- (TR) TRANSMITTER / RECEIVER IN ONE			CARBON MONOXIDE DETECTOR
- MOUNTED 3'-6" AFF UIO			PHOTO-ELECTRIC SMOKE DETECTOR	- WALL MOUNTED 1'-0" BFC UIO	
	FIRE FIGHTER'S HAND SET	- (X) INDICATES TYPE		(NONE) STANDARD	
- MOUNTED 3'-6" AFF UIO		- (X) INDICATES TYPE		(MS) MULTIPLE STATION	
	PULL STATION	- (CTI) CONTROLLER		(SS) SOUNDER BASE	
- MOUNTED 3'-6" AFF UIO		- (PR) PRISM REFLECTOR		(SS) SINGLE STATION	
		- (RE) RECEIVER			
		- (TR) TRANSMITTER / RECEIVER IN ONE			

TELECOMMUNICATIONS EQUIPMENT ROOM

	GROUND BAR		3/4" PLYWOOD BACKBOARD
	LADDER TRAY	- (X) INDICATES DESIGNATION	
- (X) INDICATES WIDTH			BASKET TRAY
- (Y) INDICATES DEPTH		- (X) INDICATES WIDTH	
	WIRE MESH TRAY	- (X) INDICATES DEPTH	
- (X) INDICATES WIDTH			IT CABINET
- (Y) INDICATES DEPTH		- (X) INDICATES DESIGNATION	
	IT CABINET		FLOOR MOUNTED TWO POST IT RACK
- (X) INDICATES DESIGNATION		- (X) INDICATES DESIGNATION	
	FLOOR MOUNTED FOUR POST IT RACK		FLOOR MOUNTED TWO POST IT RACK
- (X) INDICATES DESIGNATION		- (X) INDICATES DESIGNATION	

VOICE / DATA

	VOICE / DATA OUTLET		VOICE / DATA OUTLET
- WALL MOUNTED 1'-6" AFF UIO		- (X) INDICATES TYPE	
- (X) INDICATES QUANTITY AND TYPE		(A) AUXILIARY	
(A) AUXILIARY		(D) DATA	
(H) HDMI		(R) RCA	
(U) USB		(V) VOICE	
(V) VOICE		(V) VGA	
(V) VGA		(W) WALL PHONE MOUNTED AT 48" AFF	
(X) COAX			WIRELESS ACCESS POINT
	WIRELESS ACCESS POINT	- CEILING MOUNTED	
- WALL MOUNTED		- SUPPLY 10' - 0" SERVICE COIL	
- SUPPLY 10' - 0" SERVICE COIL		- PROVIDE (2) CATEGORY 6A CABLES	
- PROVIDE (2) CATEGORY 6A CABLES			PASS THRU WALL PLATE
	VOICE / DATA FURNITURE FEED		
- WALL MOUNTED 1'-0" AFF UIO			
- (X) INDICATES QUANTITY AND TYPE			
(D) DATA			
(V) VOICE			

ELECTRICAL SHEET INDEX

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E003	ELECTRICAL SITE PLAN
E004	UNDERGROUND CONDUIT ROUTING
E111	LEVEL ONE PLAN - LIGHTING
E112	LEVEL TWO PLAN - LIGHTING
E113	LEVEL THREE PLAN - LIGHTING
E114	LEVEL FOUR PLAN - LIGHTING
E115	LEVEL FIVE PLAN - LIGHTING
E116	LEVEL SIX PLAN - LIGHTING
E117	ROOF PLAN - LIGHTING
E121	LEVEL ONE PLAN - POWER & SYSTEMS
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E501	ELECTRICAL DETAILS
E502	ELECTRICAL DETAILS
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E504	ELECTRICAL SCHEDULES
E511	PANEL SCHEDULES
E512	PANEL SCHEDULES
E701	ELECTRICAL ONE-LINE POWER DIAGRAM

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PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: GB

CHECKED BY: RJ

APPROVED BY: RJ

SCALE: AS NOTED

SHEET TITLE:

ELECTRICAL SYMBOLS,
ABBREVIATIONS & SHEET INDEX

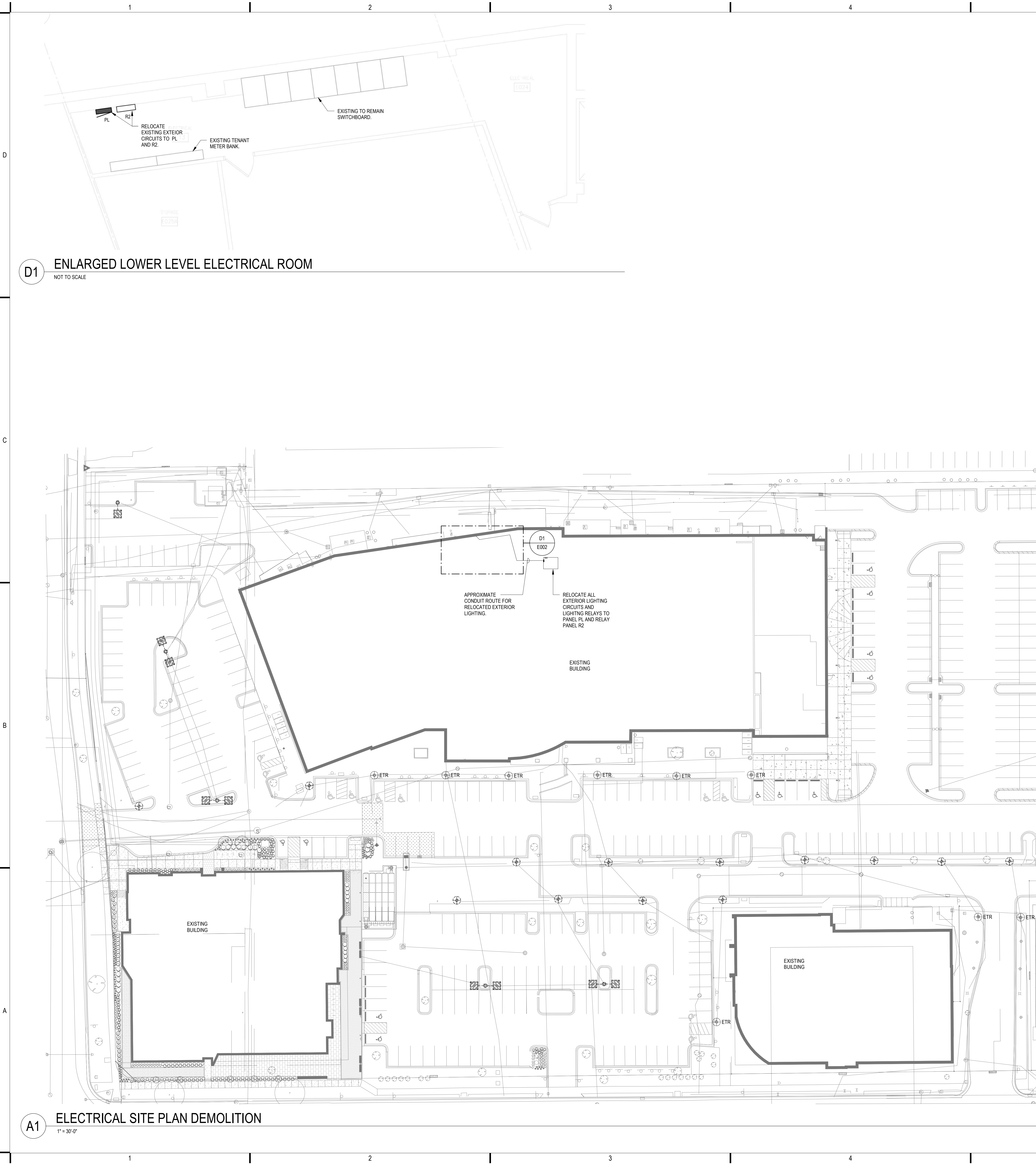
SHEET NUMBER:

E001

VIEW LOCATION LEGEND

D1	D2	D3	D4	D5	D6
C1	C2	C3	C4	C5	C6
B1	B2	B3	B4	B5	B6
A1	A2	A3	A4	A5	A6

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D1 ENLARGED LOWER LEVEL ELECTRICAL ROOM
NOT TO SCALE

A1 ELECTRICAL SITE PLAN DEMOLITION
1" = 30'-0"

GENERAL SHEET NOTES

- A. ALL ELECTRICAL EQUIPMENT SHOWN ON THIS DEMOLITION PLAN IS 'EXISTING TO BE REMOVED' UNLESS NOTED OTHERWISE. IN ADDITION TO REMOVING DEVICES, REMOVE ALL ABANDONED ELECTRICAL CIRCUITS BACK TO THEIR SOURCE. REFER TO THE SPECIFICATIONS FOR ADDITIONAL ELECTRICAL DEMOLITION REQUIREMENTS.
- B. IN GENERAL, DASHED WALLS ON THIS PLAN INDICATE EXISTING WALLS BEING DEMOLISHED. DO NOT RELY SOLELY ON ELECTRICAL DRAWINGS TO DETERMINE EXTENT OF GENERAL CONSTRUCTION DEMOLITION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR THE EXACT EXTENT OF GENERAL CONSTRUCTION DEMOLITION REQUIRED BY THIS CONTRACT.
- C. REFER TO DEMOLITION DRAWINGS OF OTHER TRADES, WHERE MOTORS, CONTROL PANELS, AND OTHER LOADS THAT HAVE AN ELECTRICAL CONNECTION ARE BEING REMOVED, INCLUDE THE DISCONNECTION AND REMOVAL OF ASSOCIATED ELECTRICAL FEEDS, CIRCUITS, AND LOOSE CONTROL EQUIPMENT IN THIS CONTRACT.
- D. ROOMS IDENTIFIED WITH 'ETR' (EXISTING TO REMAIN) ARE ESSENTIALLY TO REMAIN UNCHANGED. ALTHOUGH THIS DESIGNATION IN A GIVEN ROOM REFERS TO THE STATUS OF BASIC ELECTRICAL DEVICES, THERE MAY BE SOME DEMOLITION WORK REQUIRED INVOLVING BACK-FEEDING EXISTING CIRCUITS, REMOVING CIRCUITS THAT ARE DE-ENERGIZED DUE TO DEMOLITION IN OTHER ROOMS, OR OTHER NECESSARY MODIFICATIONS. SEE ALL DOCUMENTS THAT MAKE UP THIS CONTRACT FOR THE TOTAL EXTENT OF WORK REQUIRED IN ALL SPACES.
- E. ALL POLES FOR THE DEMOLISHED LIGHT POLE FIXTURES ARE TO BE RETAINED AND REUSED. SEE SHEET E003 FOR NEW LOCATIONS AND REUSED POLES.
- F. RELOCATED STREET POLE AND PEDESTAL. COORDINATE AND CONFIRM LOCATION WITH TROY VANT, CITY TRAFFIC ENGINEERING OFFICE AT (608) 385-1975



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SHEET TITLE:

ELECTRICAL SITE PLAN
DEMOLITION

SHEET NUMBER:

E002



GENERAL SHEET NOTES

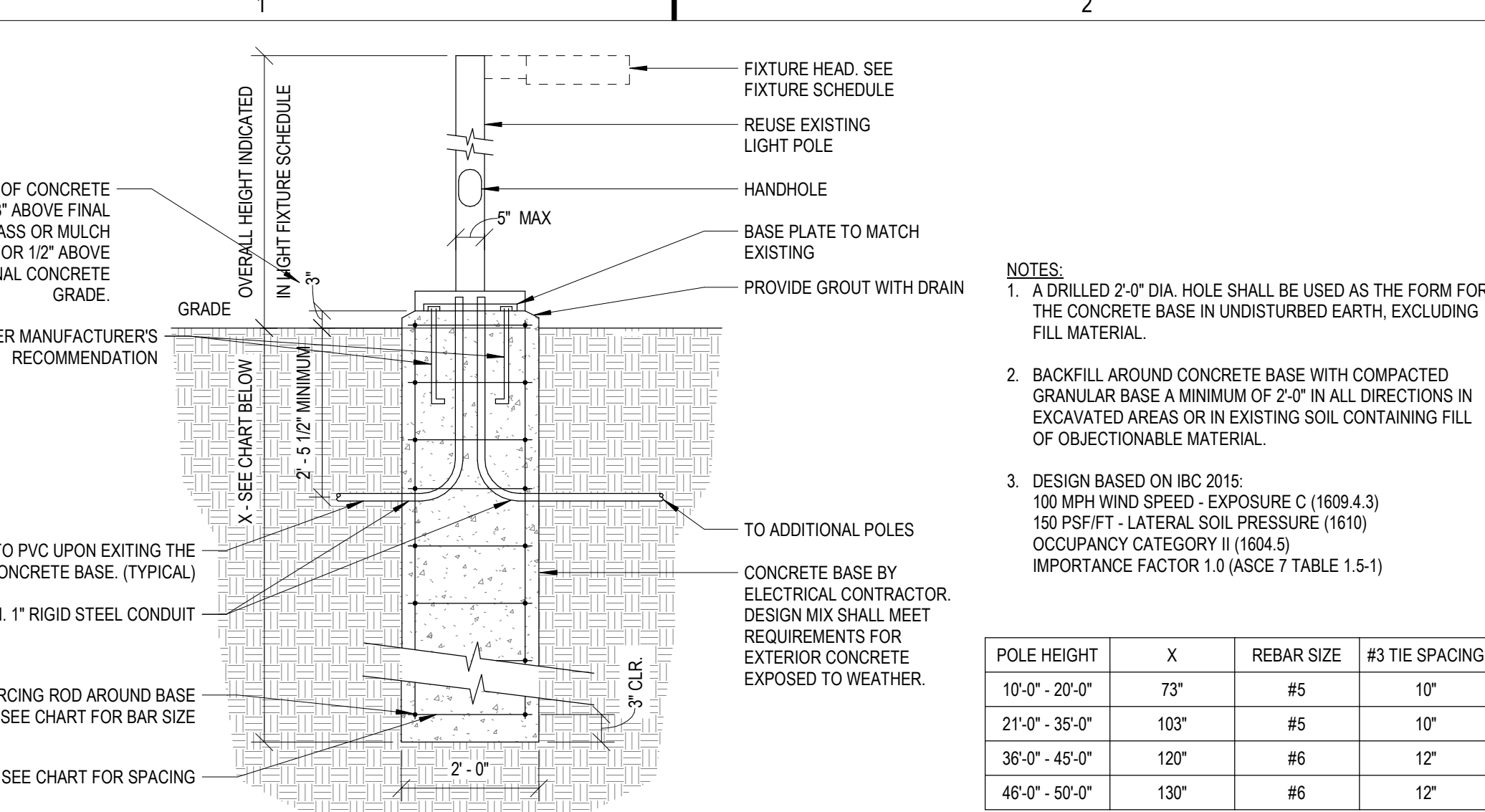
- A. SITE LIGHTING CONTROLS BASIS OF DESIGN:
1. LIGHTS SHALL SWEEP "ON" AT DUSK IN RESPONSE TO DAYLIGHT LEVELS VIA ASTRONOMICAL TIME CLOCK THROUGH LIGHTING CONTROLS SYSTEM.
 - a. SITE POLE LIGHTS WITH INTEGRATED OCCUPANCY SENSORS DURING ANY PERIOD OF TIME THAT NO ACTIVITY IS DETECTED FOR 15 MINUTES, SITE POLE LIGHTS SHALL REDUCE BY AT LEAST 30% POWER OUTPUT VIA OCCUPANCY SENSOR. LIGHTS SHALL RETURN TO FULL BRIGHTNESS UPON DETECTION OF ACTIVITY.
 2. LIGHTS SHALL SWEEP "OFF" AT DAWN IN RESPONSE TO DAYLIGHT LEVELS VIA ASTRONOMICAL TIME CLOCK THROUGH LIGHTING CONTROLS SYSTEM.
 3. ALL SITE POLE LIGHT FIXTURES ARE TO REUSE EXISTING POLES FROM ELECTRICAL SITE PLAN DEMOLITION.
 4. SEE SHEET C601 FOR BOLLARD DETAIL.

RELAY PANEL SCHEDULE - R2

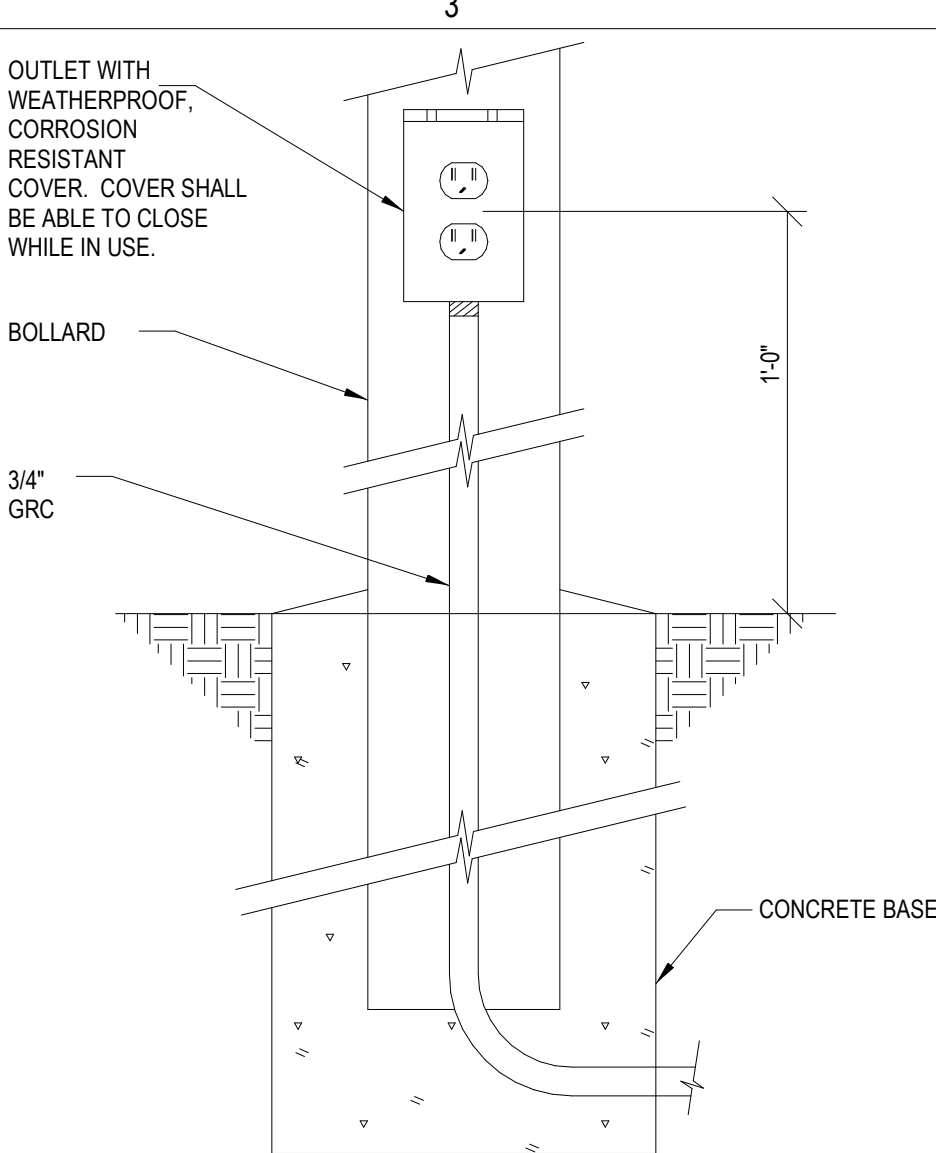
GENERAL NOTE:
EXISTING RELAY PANEL.

RELAY NUMBER	PANEL	CIRCUIT NUMBER	SEQUENCE OF OPERATION	VOLTAGE	POLES	REMARKS
1	PL	1	ON AT DUSK, OFF AT DAWN	120 V	1	RECEPTACLE ON POLE IS SWITCHED WITH LIGHT
2	PL	2	ON AT DUSK, OFF AT DAWN	120 V	1	POLE LIGHTS LED DRIVER A
3	PL	3	ON AT DUSK, OFF AT DAWN ON AT DUSK, OFF 30 MINUTES AFTER BUSINESS CLOSE ON 30 MINUTES BEFORE BUSINESS OPEN, OFF AT DAWN	120 V	1	POLE LIGHTS LED DRIVER B
4	PL	6	ON AT DUSK, OFF AT DAWN	120 V	1	POLE LIGHTS EAST ENTRANCE
5	PL	7	ON AT DUSK, OFF AT DAWN	120 V	1	POLE LIGHTS CENTER GREEN
6	PL	8	ON AT DUSK, OFF 30 MINUTES AFTER BUSINESS CLOSE ON 30 MINUTES BEFORE BUSINESS OPEN, OFF AT DAWN	120 V	1	POLE LIGHTS EAST PARKING LOT
7	PL	9	ON AT DUSK, OFF AT DAWN	120 V	1	BOLLARDS CENTER GREEN
8	PL	10	ON AT DUSK, OFF AT DAWN	120 V	1	BOLLARDS CENTER GREEN
9	PL	11	ON AT DUSK, OFF AT DAWN	120 V	1	RCPT ON BOLLARDS CENTER GREEN
10	PL	12	ON AT DUSK, OFF AT DAWN	120 V	1	RCPT ON BOLLARDS CENTER GREEN
11	PL	13	ON AT DUSK, OFF AT DAWN	120 V	1	RCPT ON BOLLARDS CENTER GREEN
12			-	120 V	1	SPARE
13			-	120 V	1	SPARE
14			-	120 V	1	SPARE
15			-	120 V	1	SPARE
16			-	120 V	1	SPARE
17			-	120 V	1	SPARE
18			-	120 V	1	SPARE
19			-	120 V	1	SPARE
20			-	120 V	1	SPARE
21			-	120 V	1	SPARE
22			-	120 V	1	SPARE
23			-	120 V	1	SPARE
24			-	120 V	1	SPARE

D1 L1 & L2 LIGHT FIXTURE POLE BASE DETAIL FLUSH

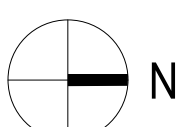


D3 BOLLARD RECEPTACLE DETAIL



A1 ELECTRICAL SITE PLAN

1" = 30'-0"



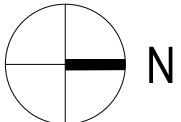
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A1

UNDERGROUND CONDUIT ROUTING

1/8" = 1'-0"



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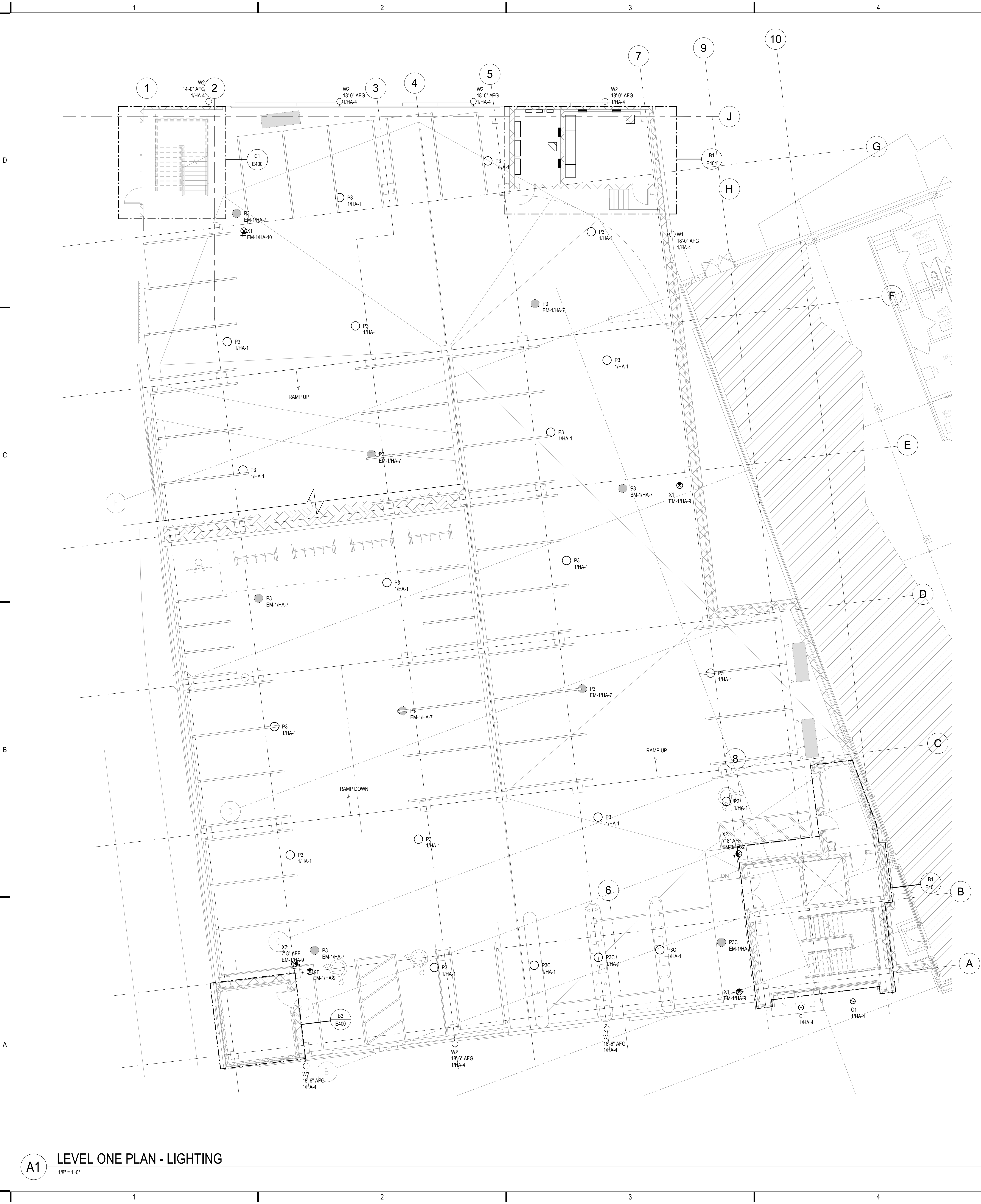
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APPROVED BY: RJ
SCALE: AS NOTED

SHEET TITLE:
UNDERGROUND CONDUIT
ROUTING

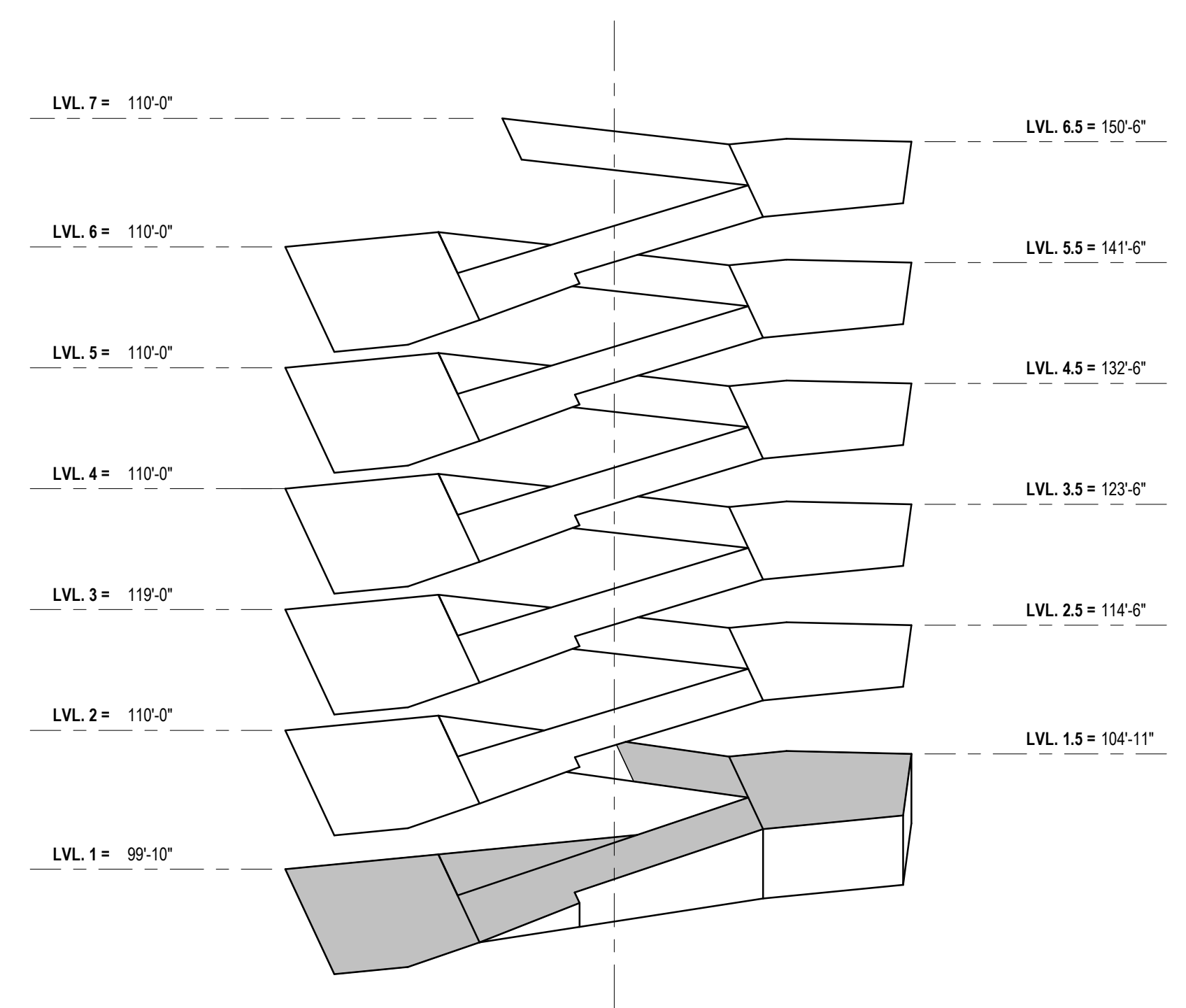
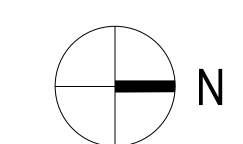
SHEET NUMBER:

E004

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A1 LEVEL ONE PLAN - LIGHTING
1/8" = 1'-0"



LEVEL ONE KEY PLAN
NTS

GENERAL SHEET NOTES

A. SEE LIGHT FIXTURE MOUNTING DETAIL C2 / E501 FOR ALL P3 AND P3C MOUNTING DETAILS UNLESS NOTED OTHERWISE.

B. IF NO OCCUPANCY OR VACANCY SENSOR IS SHOWN WITHIN A ROOM OR AREA THE AUTOMATIC OFF SHALL BE PROVIDED VIA NIGHT ECLYPSE PROGRAMMING.

C. P3 AND P3C LIGHTS HAVE INTEGRATED OCCUPANCY SENSORS. DURING ANY PERIOD OF TIME THAT NO ACTIVITY IS DETECTED FOR 15 MINUTES, LIGHTS SHALL REDUCE TO 20% POWER OUTPUT VIA OCCUPANCY SENSOR. LIGHTS SHALL RETURN TO FULL BRIGHTNESS UPON DETECTION OF ACTIVITY.

GRāEF

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PROJECT TITLE:
VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:
07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:
PROJECT NUMBER: 20225013.00
DATE: 07/28/23
DRAWN BY: GB
CHECKED BY: RJ
APPROVED BY: RJ
SCALE: AS NOTED

SHEET TITLE:
LEVEL ONE PLAN - LIGHTING

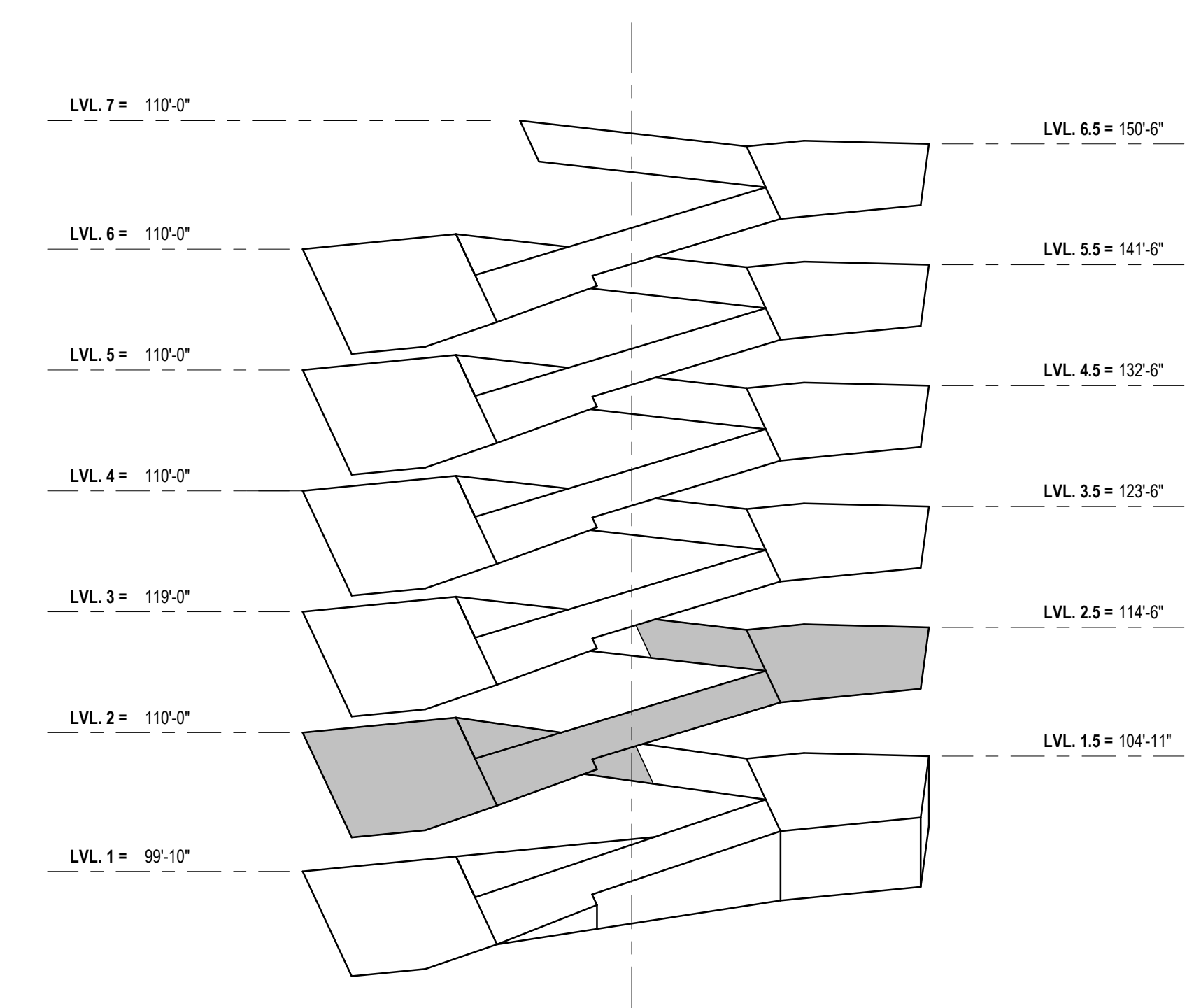
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E111

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7/24/2023 12:14:14 PM



A1 LEVEL TWO PLAN - LIGHTING
1/8" = 1'-0"



LEVEL TWO KEY PLAN
NTS

GENERAL SHEET NOTES

A. SEE LIGHT FIXTURE MOUNTING DETAIL C2 / E501 FOR ALL P3 AND P3C MOUNTING DETAILS UNLESS NOTED OTHERWISE.

B. IF NO OCCUPANCY OR VACANCY SENSOR IS SHOWN WITHIN A ROOM OR AREA THE AUTOMATIC OFF SHALL BE PROVIDED VIA NIGHT ECLYPSE PROGRAMMING.


C. P3 AND P3C LIGHTS HAVE INTEGRATED OCCUPANCY SENSORS. DURING ANY PERIOD OF TIME THAT NO ACTIVITY IS DETECTED FOR 15 MINUTES, LIGHTS SHALL REDUCE TO 20% POWER OUTPUT VIA OCCUPANCY SENSOR. LIGHTS SHALL RETURN TO FULL BRIGHTNESS UPON DETECTION OF ACTIVITY.

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SHEET TITLE:
LEVEL TWO PLAN - LIGHTING

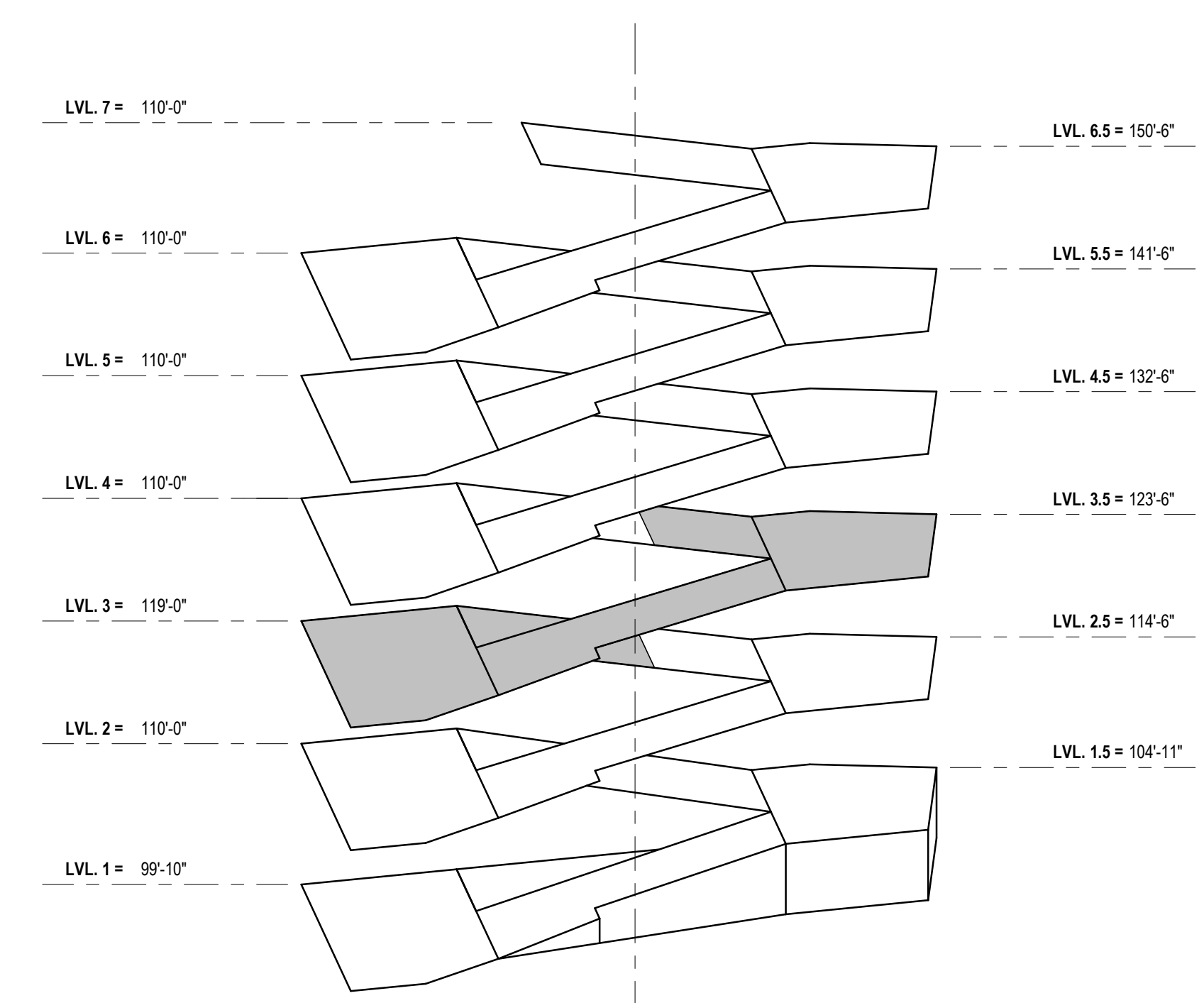
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E112

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7/24/2023 12:14:23 PM



A1 LEVEL THREE PLAN - LIGHTING
1/8" = 1'-0"



LEVEL THREE KEY PLAN
NTS

GENERAL SHEET NOTES

A. SEE LIGHT FIXTURE MOUNTING DETAIL C2 / E501 FOR ALL P3 AND P3C MOUNTING DETAILS UNLESS NOTED OTHERWISE.

B. IF NO OCCUPANCY OR VACANCY SENSOR IS SHOWN WITHIN A ROOM OR AREA THE AUTOMATIC OFF SHALL BE PROVIDED VIA NIGHT ECLYPSE PROGRAMMING.


C. P3 AND P3C LIGHTS HAVE INTEGRATED OCCUPANCY SENSORS. DURING ANY PERIOD OF TIME THAT NO ACTIVITY IS DETECTED FOR 15 MINUTES, LIGHTS SHALL REDUCE TO 20% POWER OUTPUT VIA OCCUPANCY SENSOR. LIGHTS SHALL RETURN TO FULL BRIGHTNESS UPON DETECTION OF ACTIVITY.

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SCALE: AS NOTED

SHEET TITLE:
LEVEL THREE PLAN - LIGHTING

SHEET NUMBER:

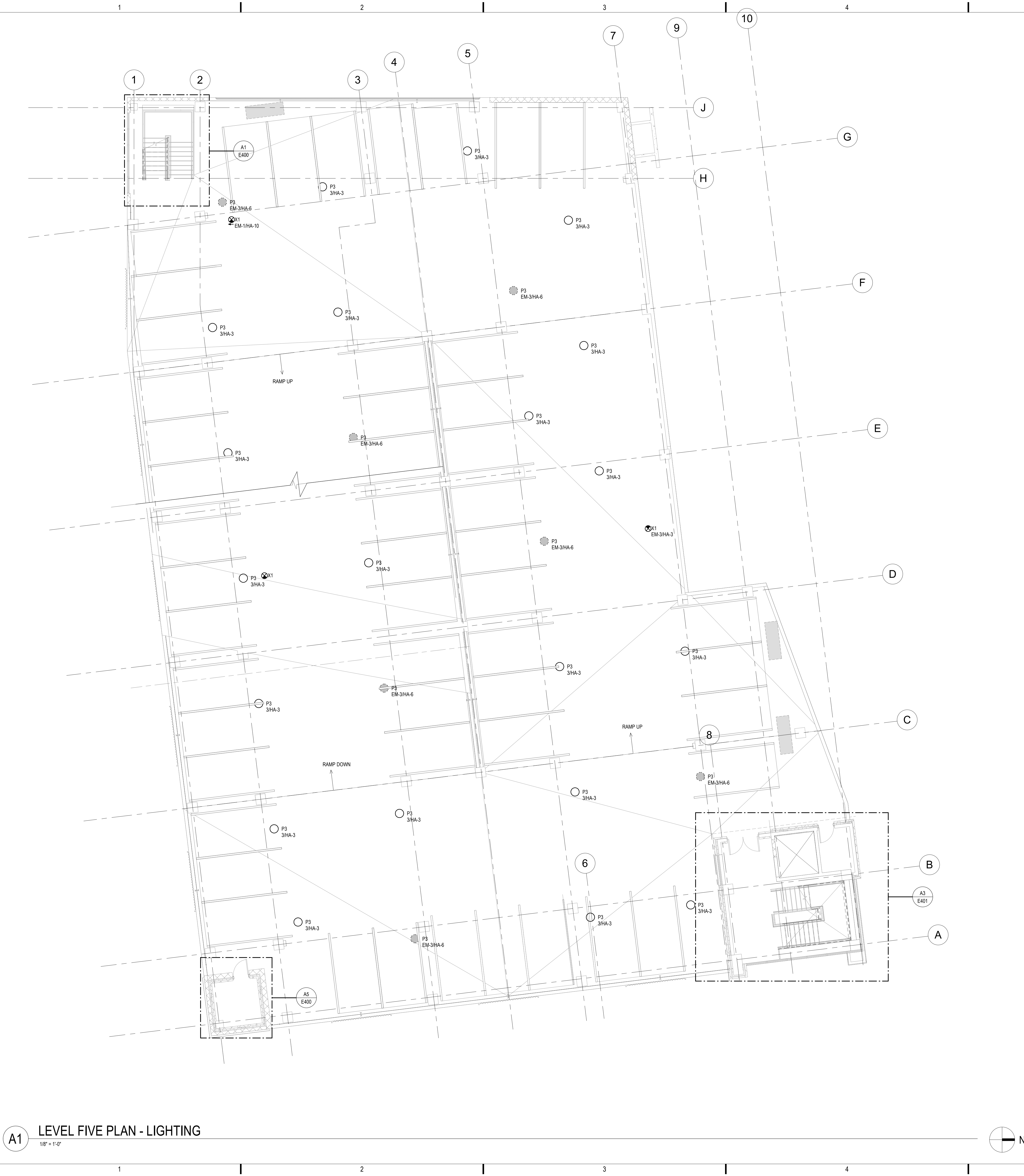
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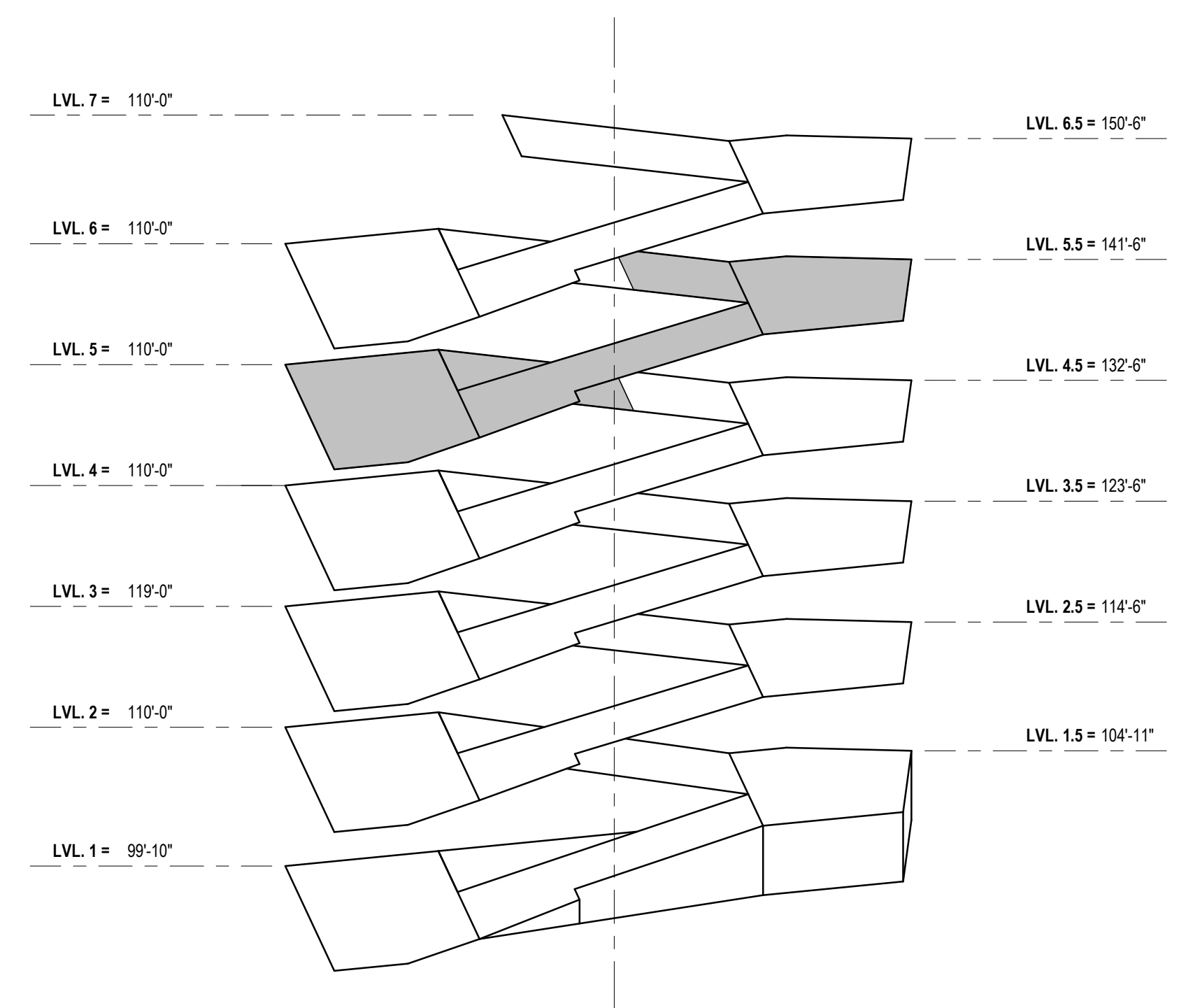
LEVEL FOUR KEY PLAN

NTS

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7/24/2023 12:14:41 PM



A1 LEVEL FIVE PLAN - LIGHTING
1/8" = 1'-0"



LEVEL FIVE KEY PLAN
NTS

GENERAL SHEET NOTES

A. SEE LIGHT FIXTURE MOUNTING DETAIL C2 / E501 FOR ALL P3 AND P3C MOUNTING DETAILS UNLESS NOTED OTHERWISE.

B. IF NO OCCUPANCY OR VACANCY SENSOR IS SHOWN WITHIN A ROOM OR AREA THE AUTOMATIC OFF SHALL BE PROVIDED VIA NIGHT ECLYPSE PROGRAMMING.

C. P3 AND P3C LIGHTS HAVE INTEGRATED OCCUPANCY SENSORS. DURING ANY PERIOD OF TIME THAT NO ACTIVITY IS DETECTED FOR 15 MINUTES, LIGHTS SHALL REDUCE TO 20% POWER OUTPUT VIA OCCUPANCY SENSOR. LIGHTS SHALL RETURN TO FULL BRIGHTNESS UPON DETECTION OF ACTIVITY.

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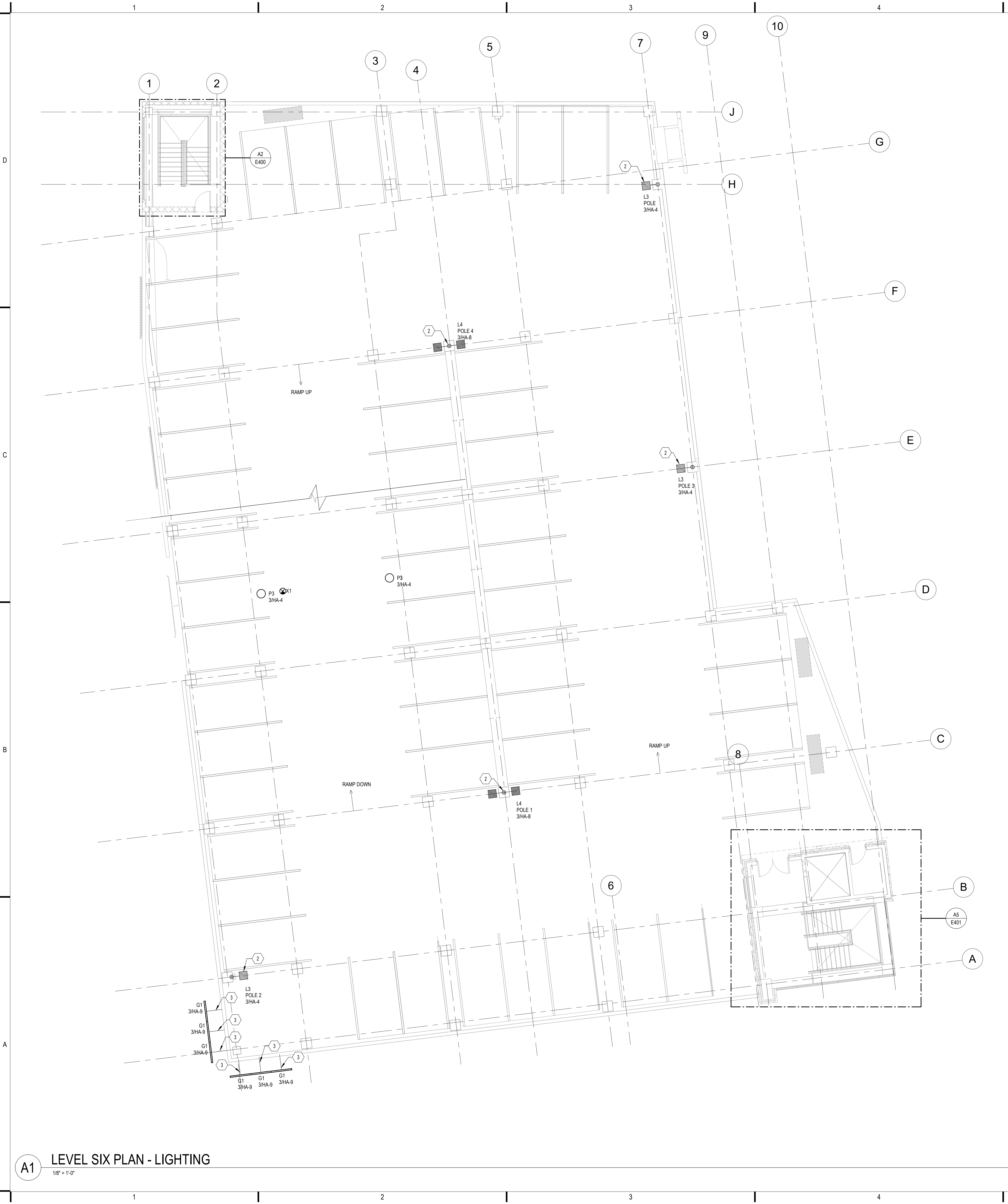
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SHEET TITLE:
LEVEL FIVE PLAN - LIGHTING

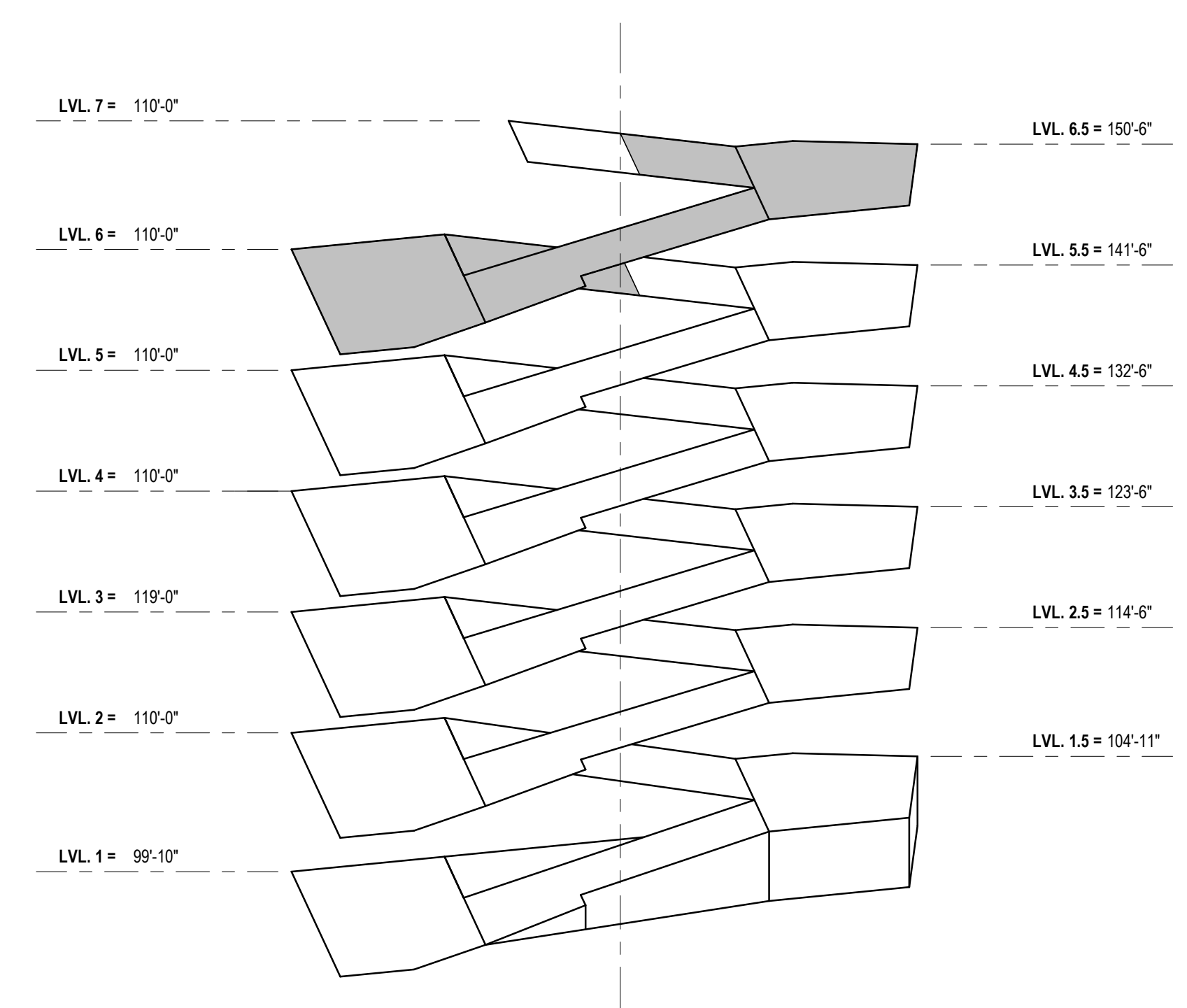
SHEET NUMBER:

E115

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7/24/2023 12:14:43 PM



A1 LEVEL SIX PLAN - LIGHTING
1/8" = 1'-0"



LEVEL SIX KEY PLAN
NTS

GENERAL SHEET NOTES

- A. LIGHT POLE LIGHTING CONTROLS BASIS OF DESIGN:
1. LIGHTS SHALL SWEEP "ON" AT DUSK IN RESPONSE TO DAYLIGHT LEVELS VIA ASTRONOMICAL TIME CLOCK THROUGH LIGHTING CONTROLS SYSTEM.
 - a. SITE POLE LIGHTS WITH INTEGRATED OCCUPANCY SENSORS: DURING ANY PERIOD OF TIME THAT NO ACTIVITY IS DETECTED FOR 15 MINUTES, SITE POLE LIGHTS SHALL REDUCE BY AT LEAST 30% POWER OUTPUT VIA OCCUPANCY SENSOR. LIGHTS SHALL RETURN TO FULL BRIGHTNESS UPON DETECTION OF ACTIVITY.
 - b. FIXTURE TYPE G1 SHALL TURN OFF BETWEEN MIDNIGHT AND 6AM.
 - c. EMERGENCY AND FLAG POLE FIXTURES SHALL NOT DIM DURING OVERNIGHT HOURS.
 2. LIGHTS SHALL SWEEP "OFF" AT DAWN IN RESPONSE TO DAYLIGHT LEVELS VIA ASTRONOMICAL TIME CLOCK THROUGH LIGHTING CONTROLS SYSTEM.
- B. SEE LIGHT FIXTURE MOUNTING DETAIL C2 / E501 FOR ALL P3 AND P3C MOUNTING DETAILS UNLESS NOTED OTHERWISE.
- C. IF NO OCCUPANCY OR VACANCY SENSOR IS SHOWN WITHIN A ROOM OR AREA THE AUTOMATIC OFF SHALL BE PROVIDED VIA NIGHT ECLYPSE PROGRAMMING.
- D. P3 AND P3C LIGHTS HAVE INTEGRATED OCCUPANCY SENSORS; DURING ANY PERIOD OF TIME THAT NO ACTIVITY IS DETECTED FOR 15 MINUTES, LIGHTS SHALL REDUCE TO 20% POWER OUTPUT VIA OCCUPANCY SENSOR. LIGHTS SHALL RETURN TO FULL BRIGHTNESS UPON DETECTION OF ACTIVITY.

SHEET KEYNOTES

- 2 SEE LIGHT FIXTURE POLE COLUMN BASE DETAIL B6 / E501
- 3 PROVIDE POLE TO MOUNT LIGHT FIXTURE 4' FROM SIGN, AM STRAIGHT DOWN AND HAVE BOTTOM OF LIGHT FIXTURE LEVEL WITH TOP OF SIGN.



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IMPROVMENTS

808 HUGHES PLACE
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ISSUE:

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APPROVED BY: RJ

SCALE: AS NOTED

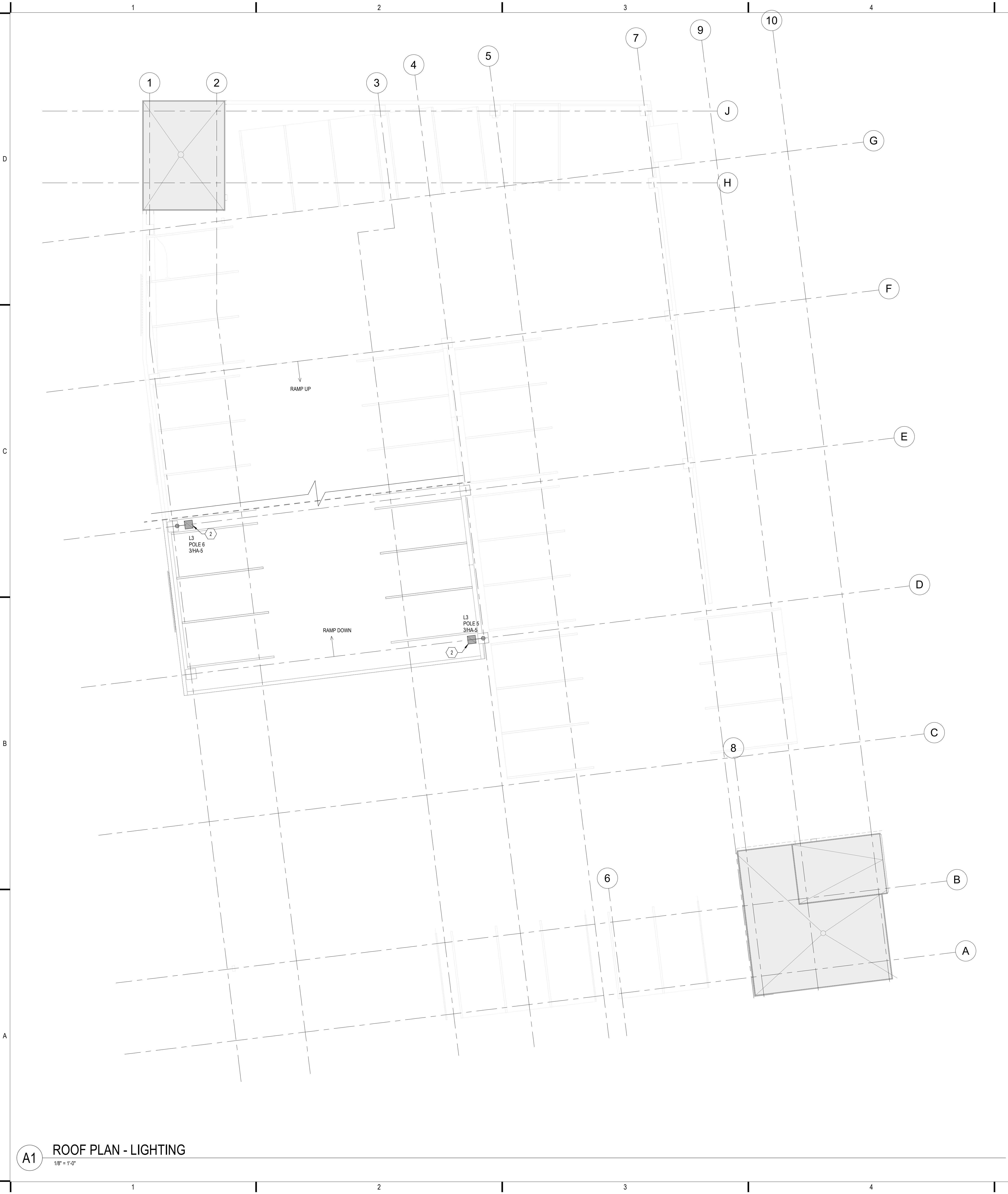
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LEVEL SIX PLAN - LIGHTING

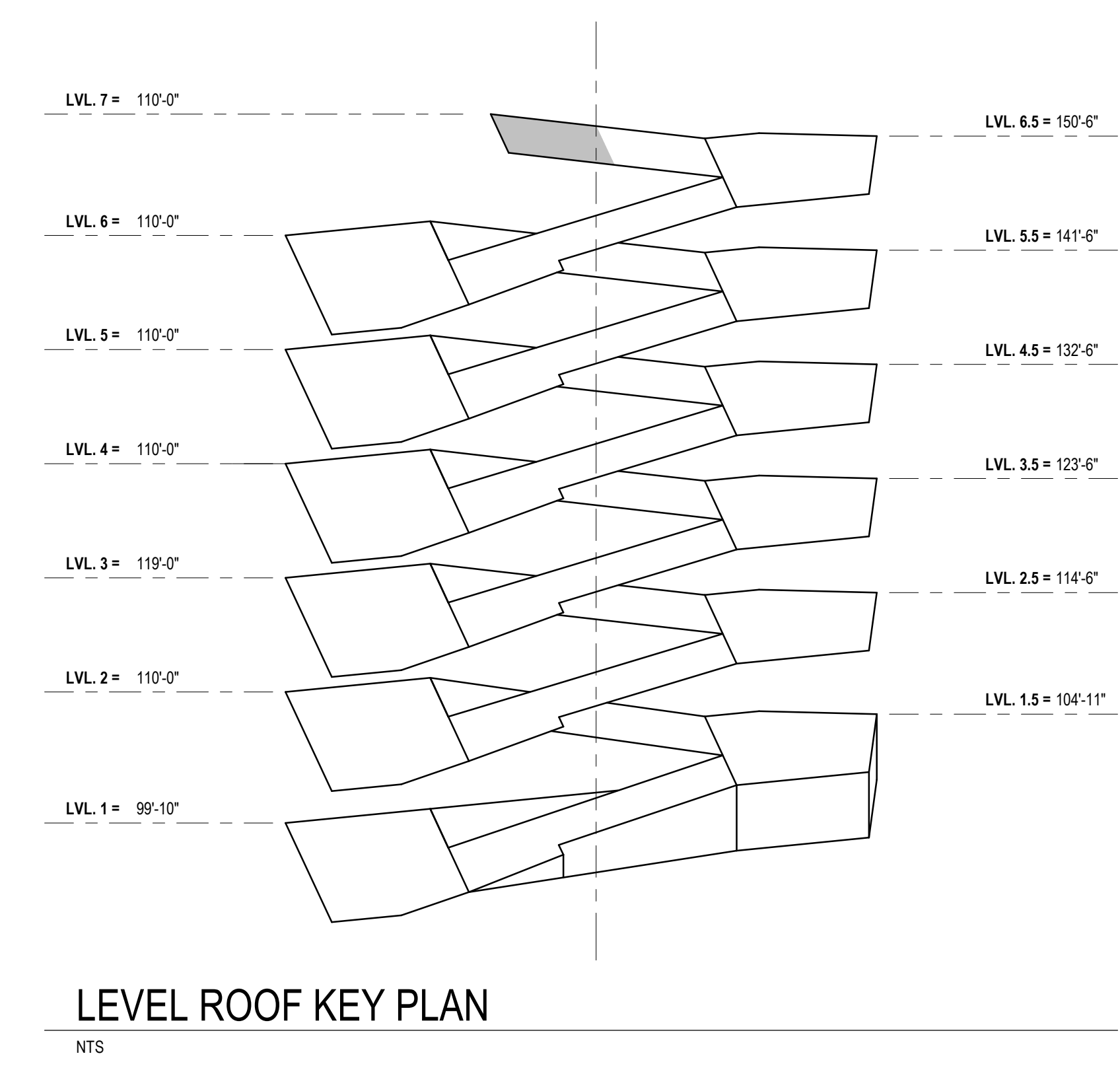
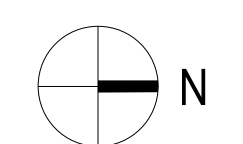
SHEET NUMBER:

E116

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7/24/2023 12:14:44 PM



A1 ROOF PLAN - LIGHTING
1/8" = 1'-0"



LEVEL ROOF KEY PLAN
NTS

GENERAL SHEET NOTES

A. LIGHT POLE LIGHTING CONTROLS BASIS OF DESIGN:

1. LIGHTS SHALL SWEEP "ON" AT DUSK IN RESPONSE TO DAYLIGHT LEVELS VIA ASTRONOMICAL TIME CLOCK THROUGH LIGHTING CONTROLS SYSTEM.

a. SITE POLE LIGHTS WITH INTEGRATED OCCUPANCY SENSORS:

DURING ANY PERIOD OF TIME THAT NO ACTIVITY IS DETECTED FOR 15 MINUTES, SITE POLE LIGHTS SHALL REDUCE BY AT LEAST 30% POWER OUTPUT VIA OCCUPANCY SENSOR. LIGHTS SHALL RETURN TO FULL BRIGHTNESS UPON DETECTION OF ACTIVITY.

b. EMERGENCY AND FLAG POLE FIXTURES SHALL NOT DIM DURING OVERNIGHT HOURS.

2. LIGHTS SHALL SWEEP "OFF" AT DAWN IN RESPONSE TO DAYLIGHT LEVELS VIA ASTRONOMICAL TIME CLOCK THROUGH LIGHTING CONTROLS SYSTEM.

SHEET KEYNOTES

2 SEE LIGHT FIXTURE POLE COLUMN BASE DETAIL B6 / E501

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SCALE: AS NOTED

SHEET TITLE:

ROOF PLAN - LIGHTING

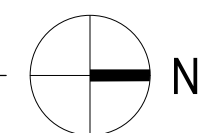
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E117

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7/24/2023 12:14:46 PM

A1 LEVEL ONE PLAN - POWER & SYSTEMS

1/8" = 1'-0"



LEVEL ONE KEY PLAN

NTS

GENERAL SHEET NOTES

A. SEE DETAIL SHEETS FOR TELCOM WIRING INFORMATION.

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SCALE: AS NOTED

SHEET TITLE:

LEVEL ONE PLAN - POWER &
SYSTEMS

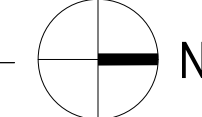
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E121

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7/24/2023 12:14:50 PM

A1 LEVEL TWO PLAN - POWER & SYSTEM

1/8" = 1'-0"



LEVEL TWO KEY PLAN

NTS

GENERAL SHEET NOTES

A. SEE DETAIL SHEETS FOR TELCOM WIRING INFORMATION.

SHEET KEYNOTES

5 CONCRETE HOUSEKEEPING PAD. PROVIDE 3'-1/2" HIGH WITH MINIMUM 4" OVERLAP ON FRONT AND SIDES.



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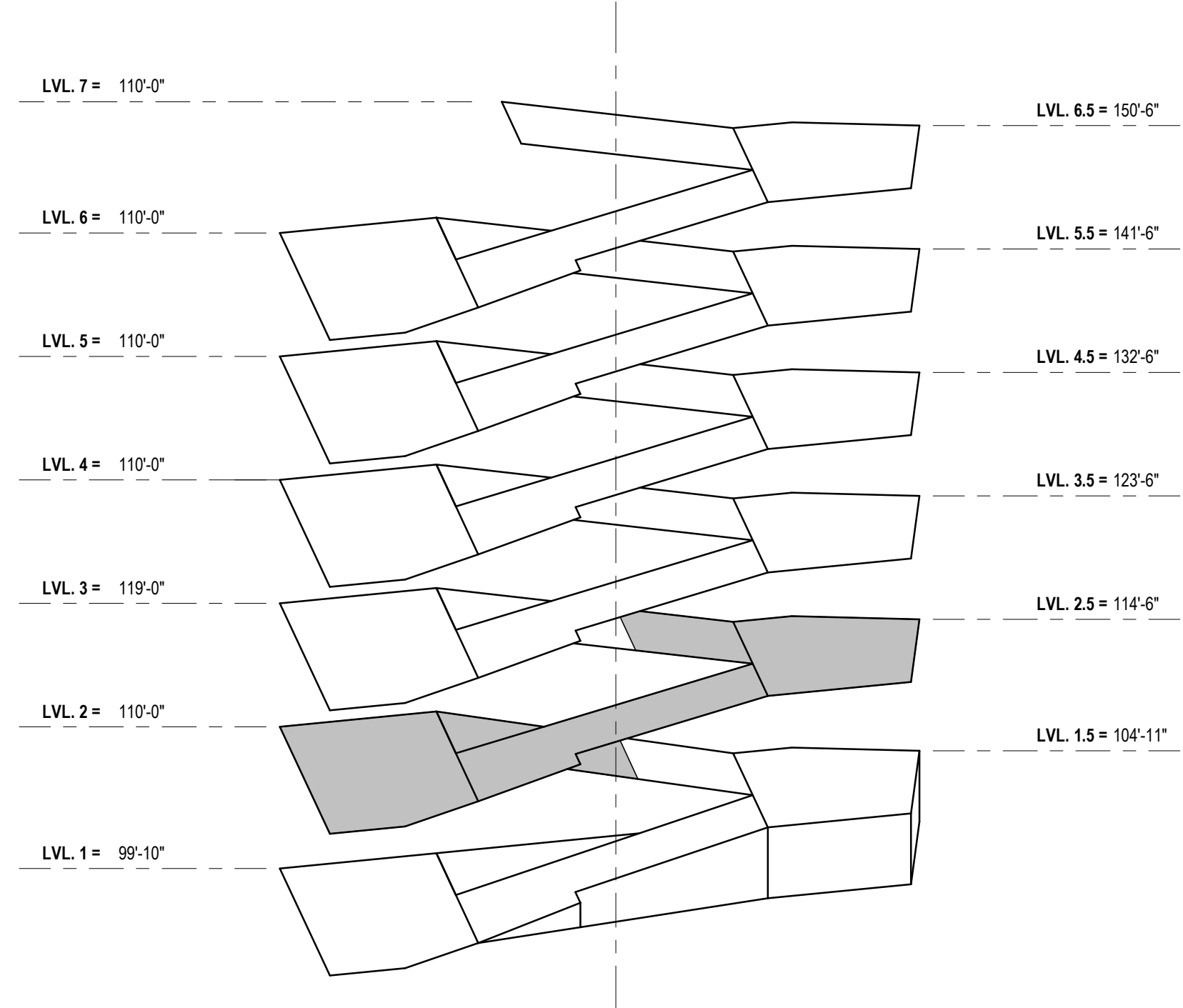
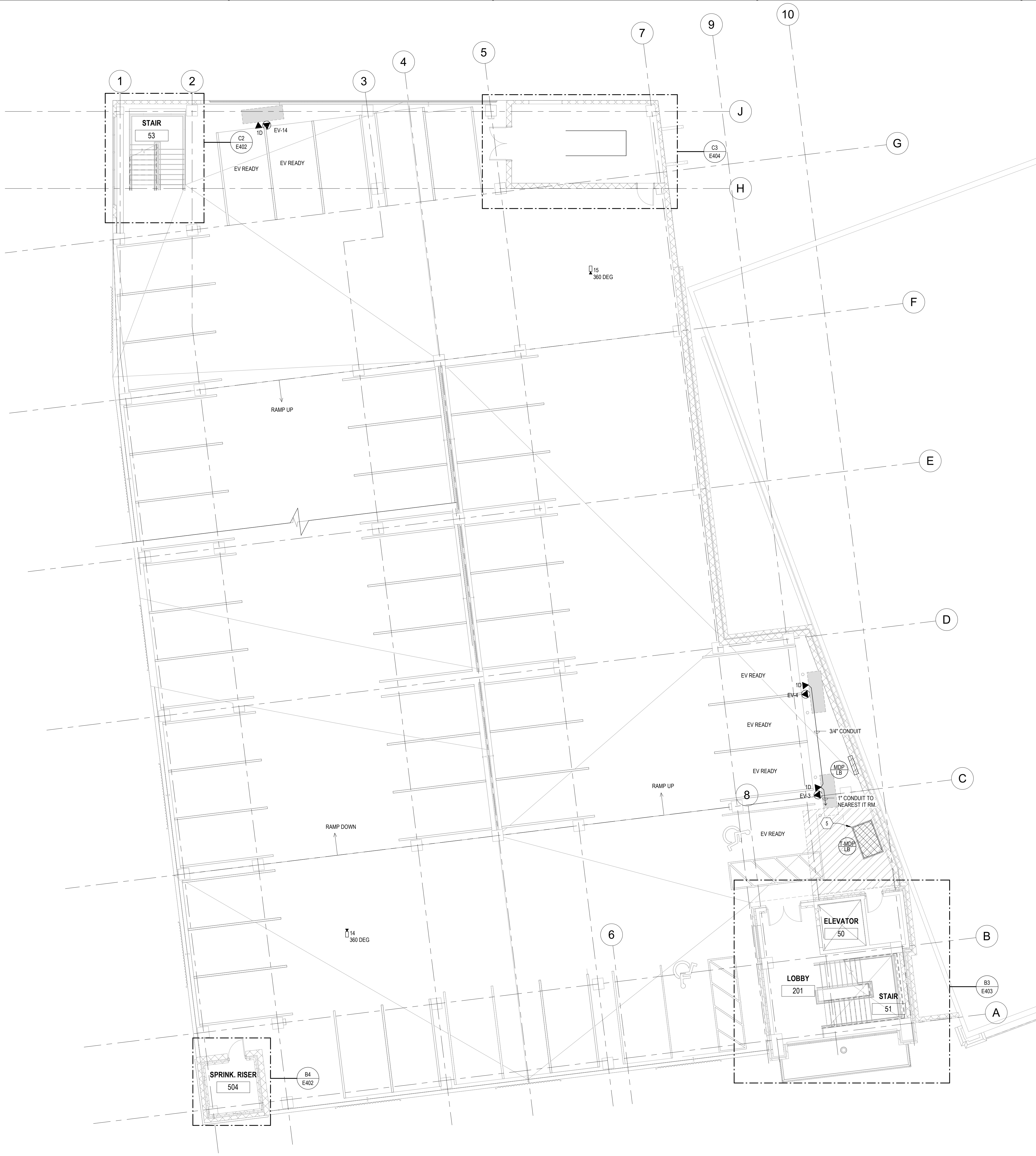
SCALE: AS NOTED

SHEET TITLE:

LEVEL TWO PLAN - POWER &
SYSTEMS

SHEET NUMBER:

E122



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7/24/2023 12:14:59 PM



GENERAL SHEET NOTES

A. SEE DETAIL SHEETS FOR TELCOM WIRING INFORMATION.



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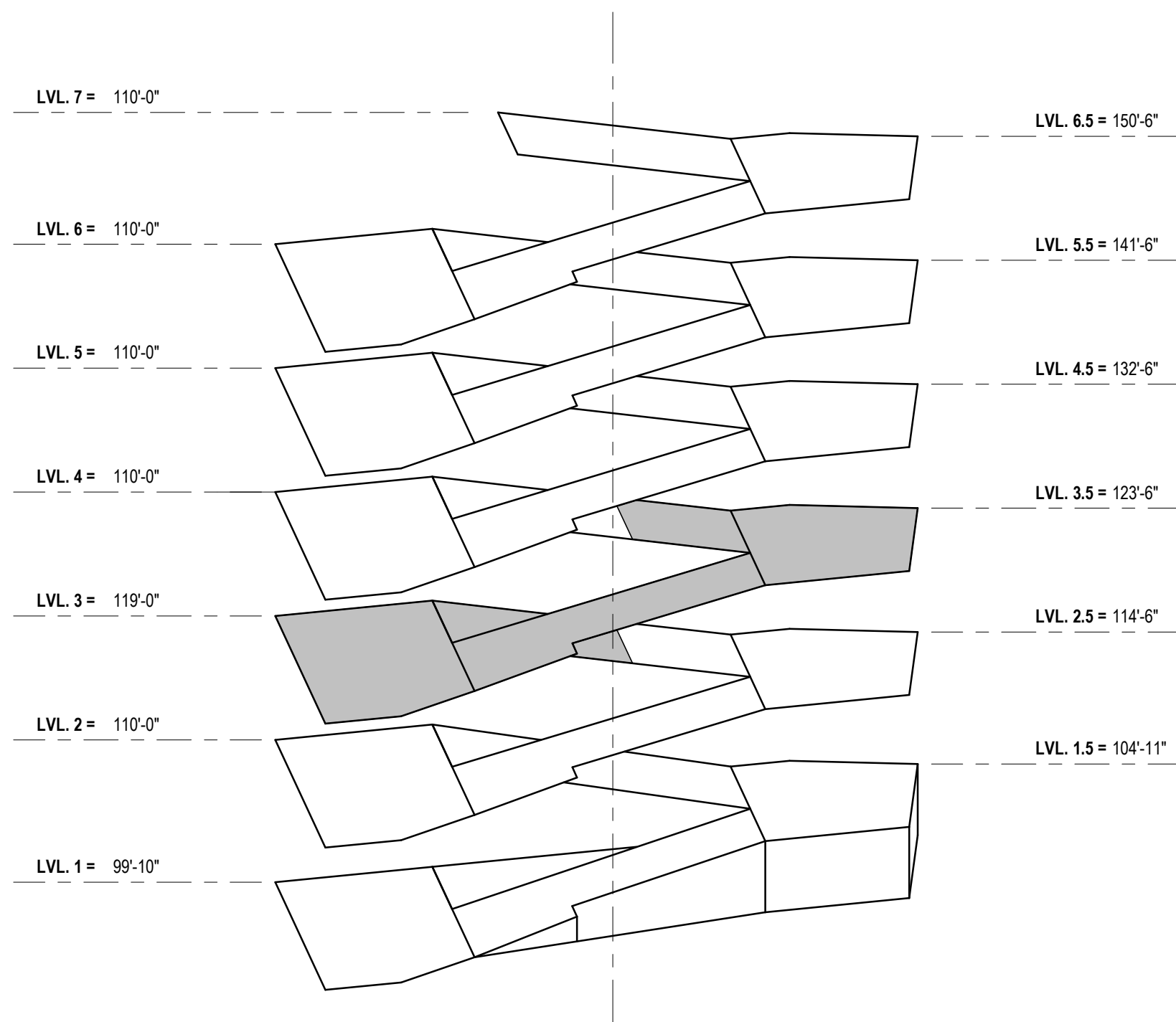


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LEVEL THREE KEY PLAN
NTS

A1 LEVEL THREE PLAN - POWER & SYSTEMS
1/8" = 1'-0"

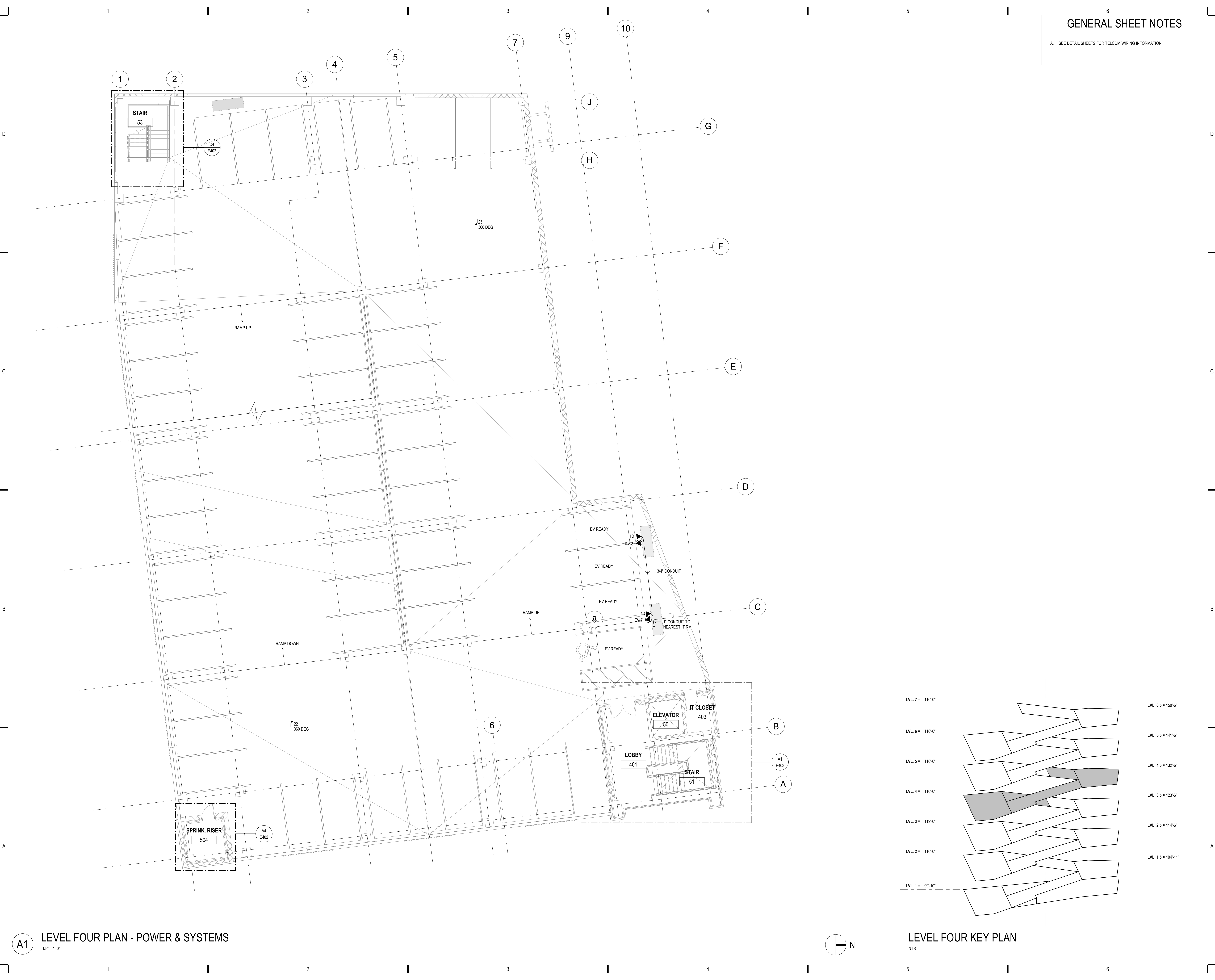
PROJECT INFORMATION:
PROJECT NUMBER: 20225013.00
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CHECKED BY: RJ
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SCALE: AS NOTED

SHEET TITLE:
LEVEL THREE PLAN - POWER &
SYSTEMS

SHEET NUMBER:

E123

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7/24/2023 12:15:13 PM



GENERAL SHEET NOTES

A. SEE DETAIL SHEETS FOR TELCOM WIRING INFORMATION.



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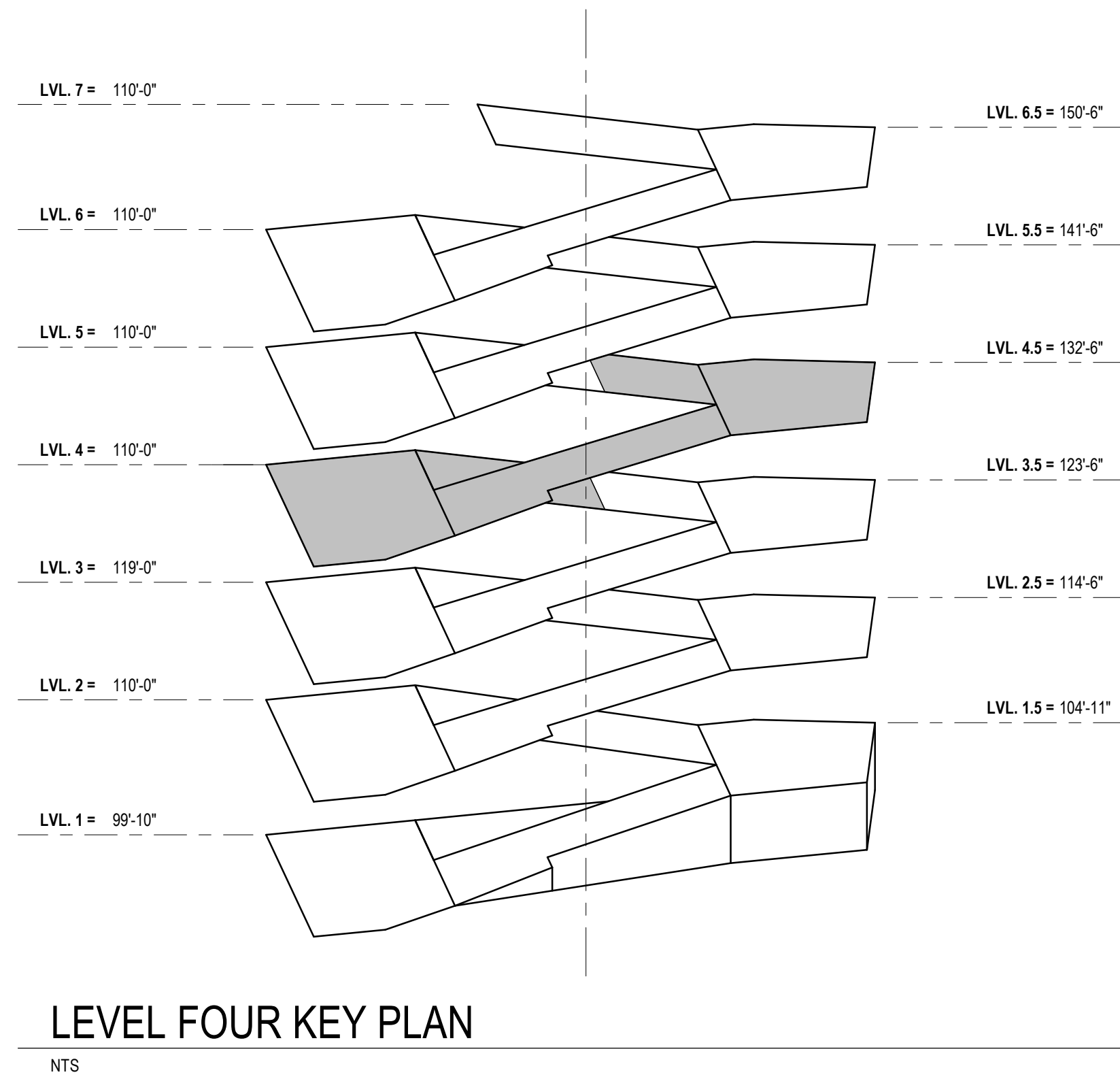
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SHEET TITLE:

LEVEL FOUR PLAN - POWER &
SYSTEMS

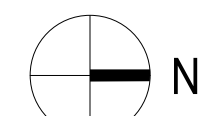
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E124

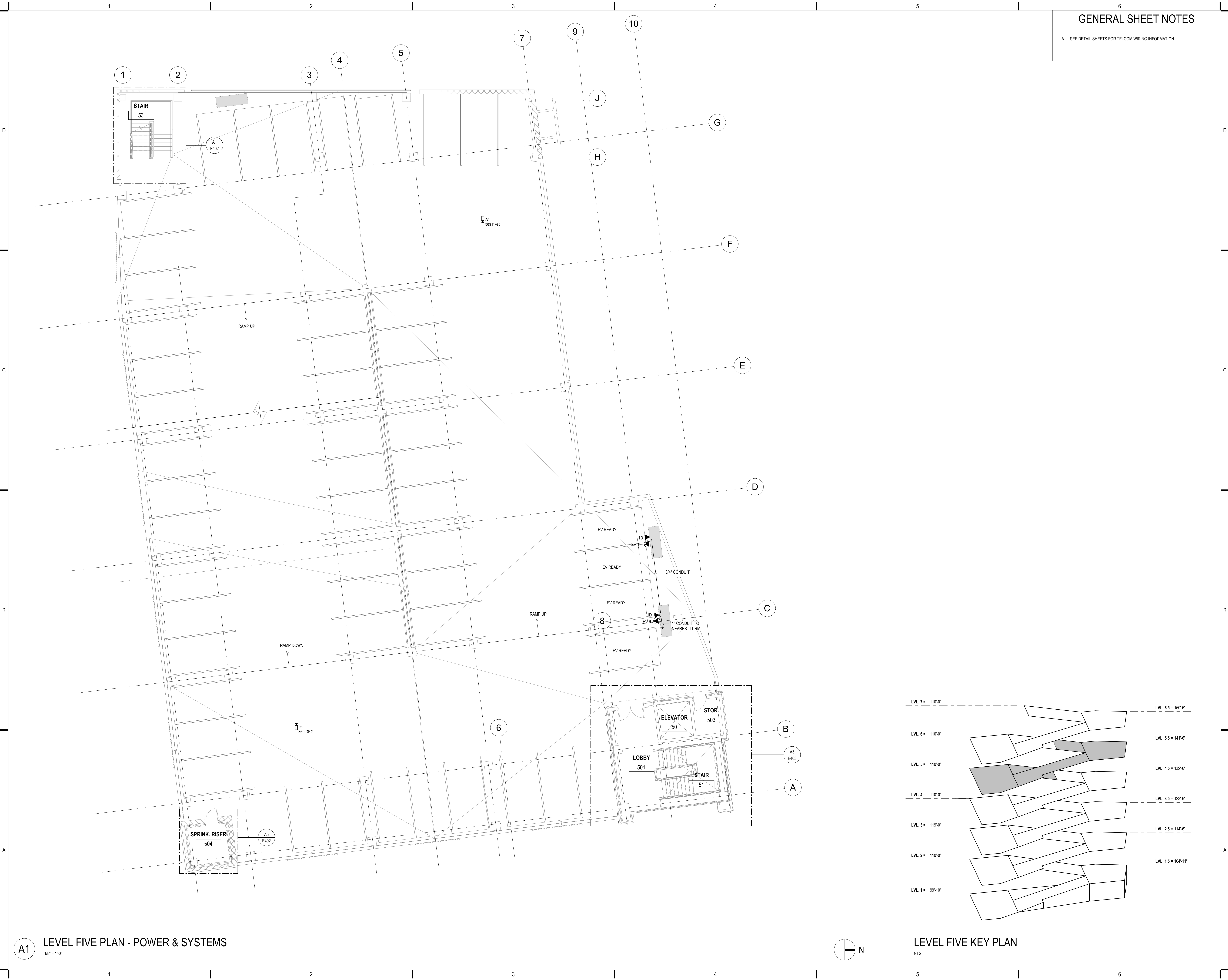


A1 LEVEL FOUR PLAN - POWER & SYSTEMS

1/8" = 1'-0"



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GENERAL SHEET NOTES

A. SEE DETAIL SHEETS FOR TELCOM WIRING INFORMATION.



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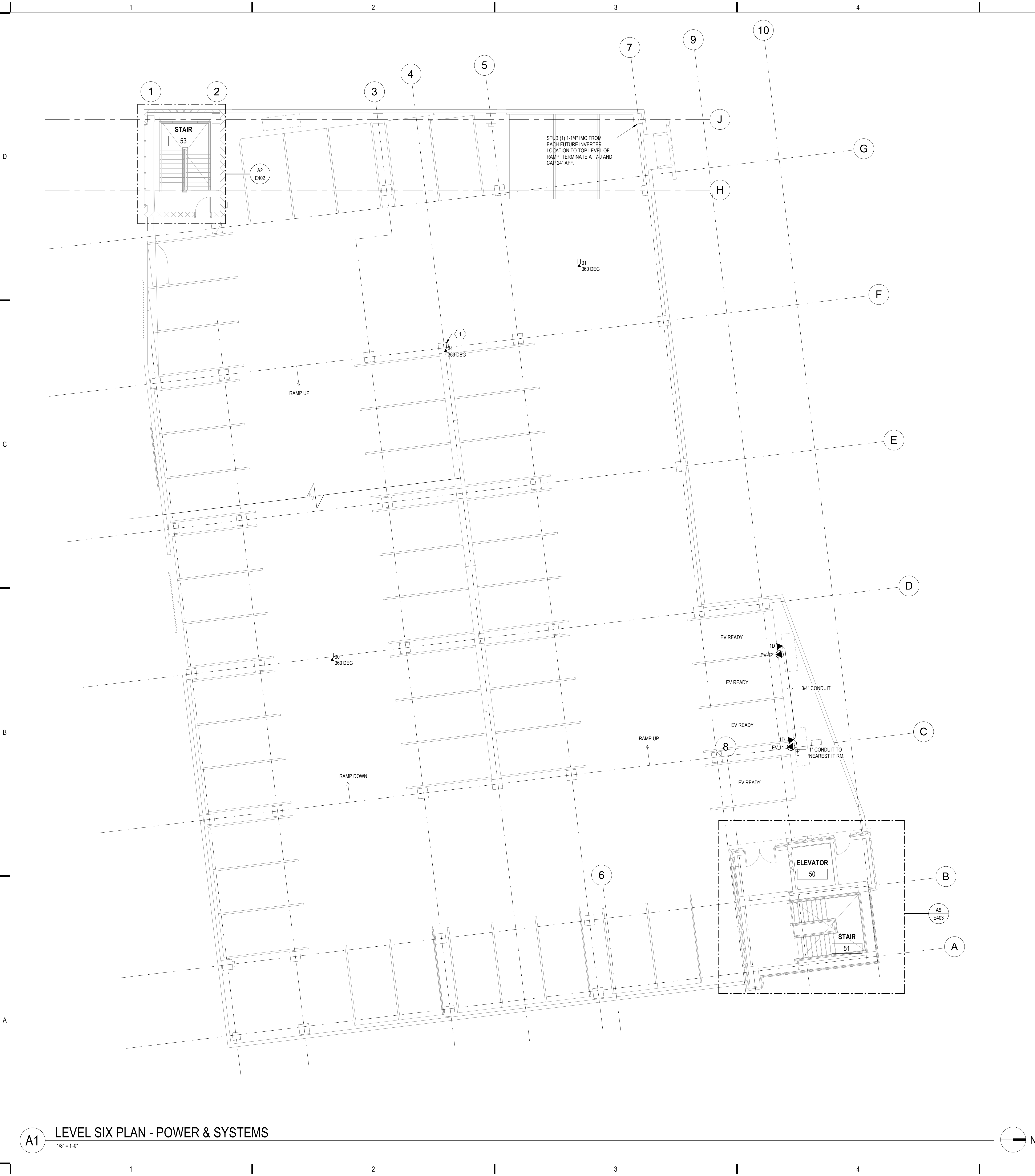
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LEVEL FIVE PLAN - POWER &
SYSTEMS

SHEET NUMBER:

E125

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7/24/2023 12:15:18 PM



GENERAL SHEET NOTES	
A.	SEE DETAIL SHEETS FOR TELCOM WIRING INFORMATION.
SHEET KEYNOTES	
1	BRACKET MOUNT TO LIGHT POLE. SEE DETAIL C4 / E502.

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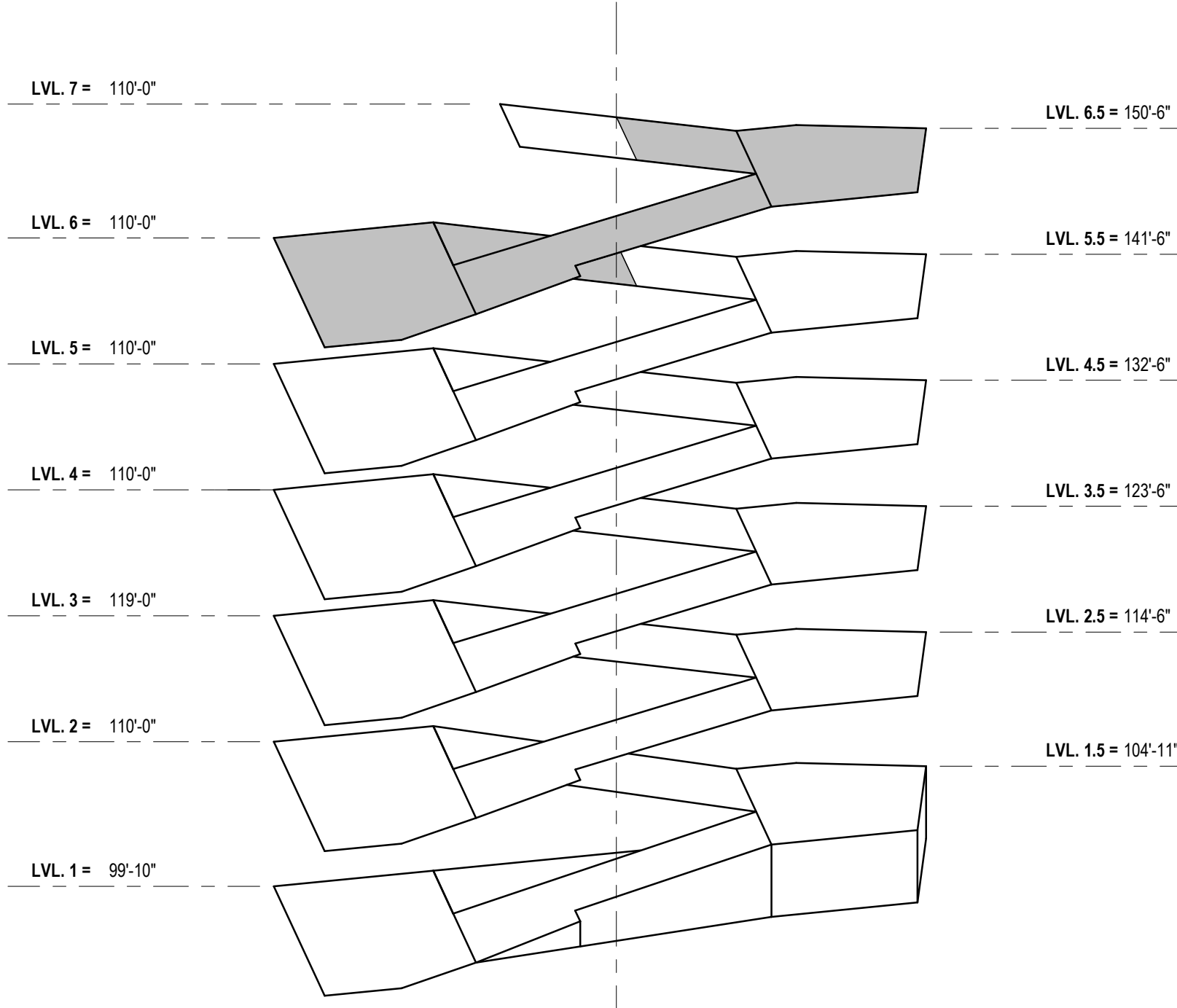
SCALE: AS NOTED

SHEET TITLE:

LEVEL SIX PLAN - POWER &
SYSTEMS

SHEET NUMBER:

E126

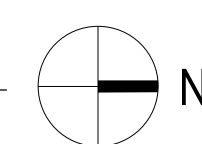


LEVEL SIX KEY PLAN

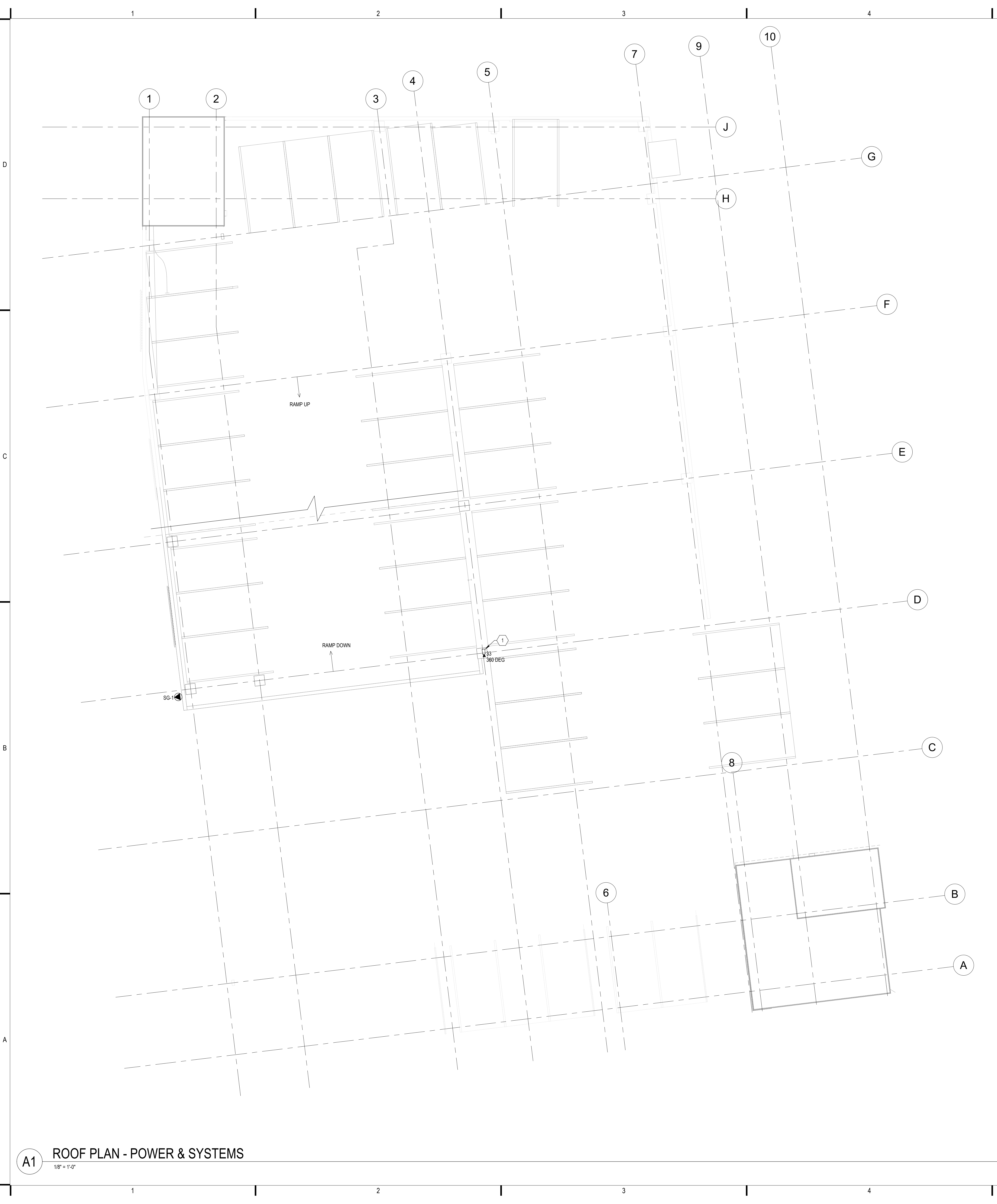
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A1 LEVEL SIX PLAN - POWER & SYSTEMS

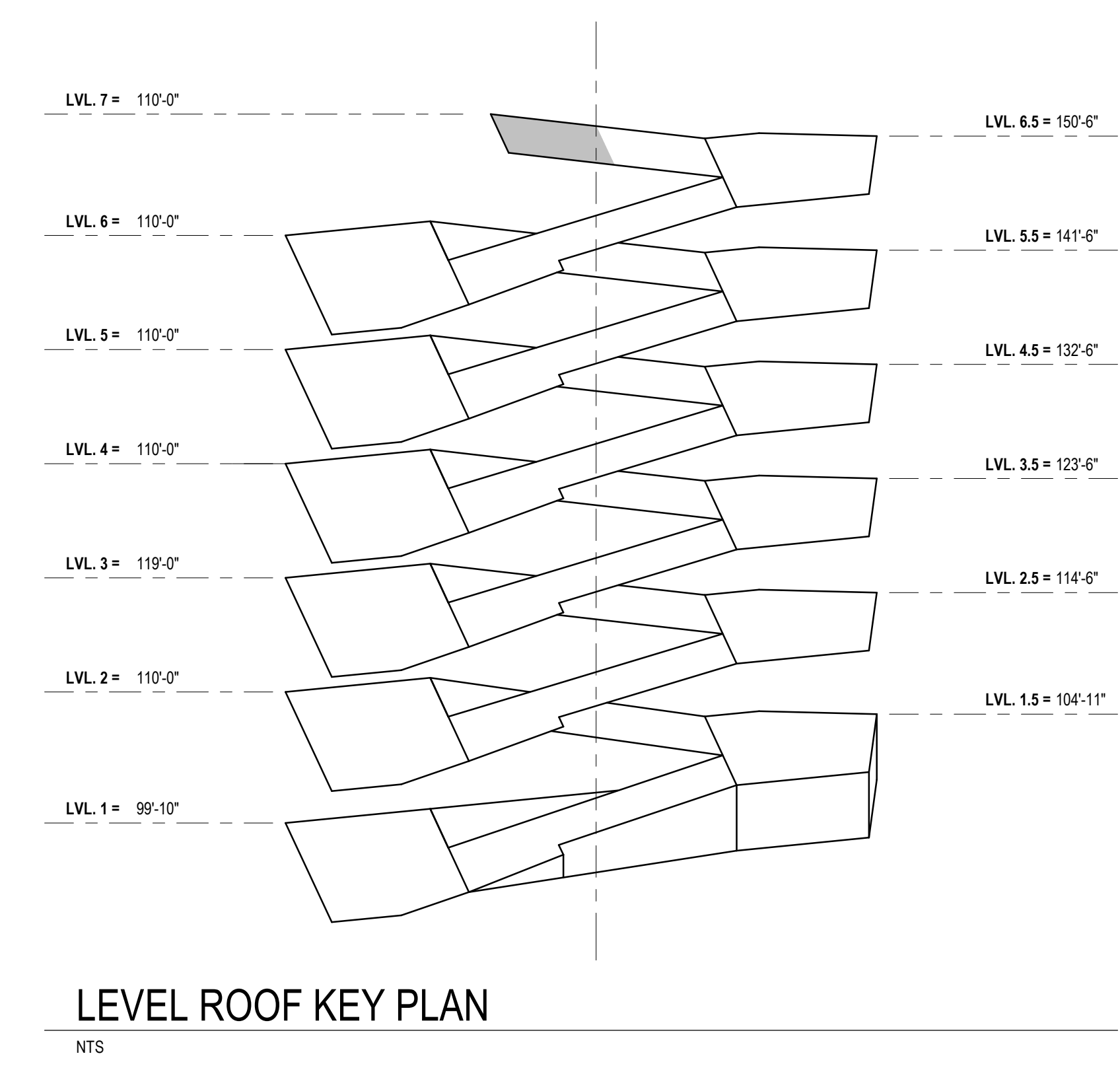
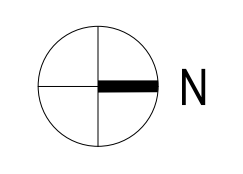
1/8" = 1'-0"



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A1 ROOF PLAN - POWER & SYSTEMS
1/8" = 1'-0"



LEVEL ROOF KEY PLAN
NTS

GENERAL SHEET NOTES	
A.	SEE DETAIL SHEETS FOR TELCOM WIRING INFORMATION.
SHEET KEYNOTES	
1	BRACKET MOUNT TO LIGHT POLE. SEE DETAIL C4 / E502.



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SCALE: AS NOTED

SHEET TITLE:

ROOF PLAN - POWER & SYSTEMS

SHEET NUMBER:

E127

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7/24/2023 12:15:25 PM

SHEET KEYNOTES

8 CHAIN HANG LIGHT FIXTURE IN THIS ROOM AS CLOSE TO UNDERSIDE OF EXPOSED STRUCTURE AS POSSIBLE. COORDINATE EXACT LOCATION WITH PIPING AND DUCTWORK IN THIS ROOM.

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STRUCTURE AND SITE
IMPROVMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/23

DRAWN BY: GB

CHECKED BY: RJ

APPROVED BY: RJ

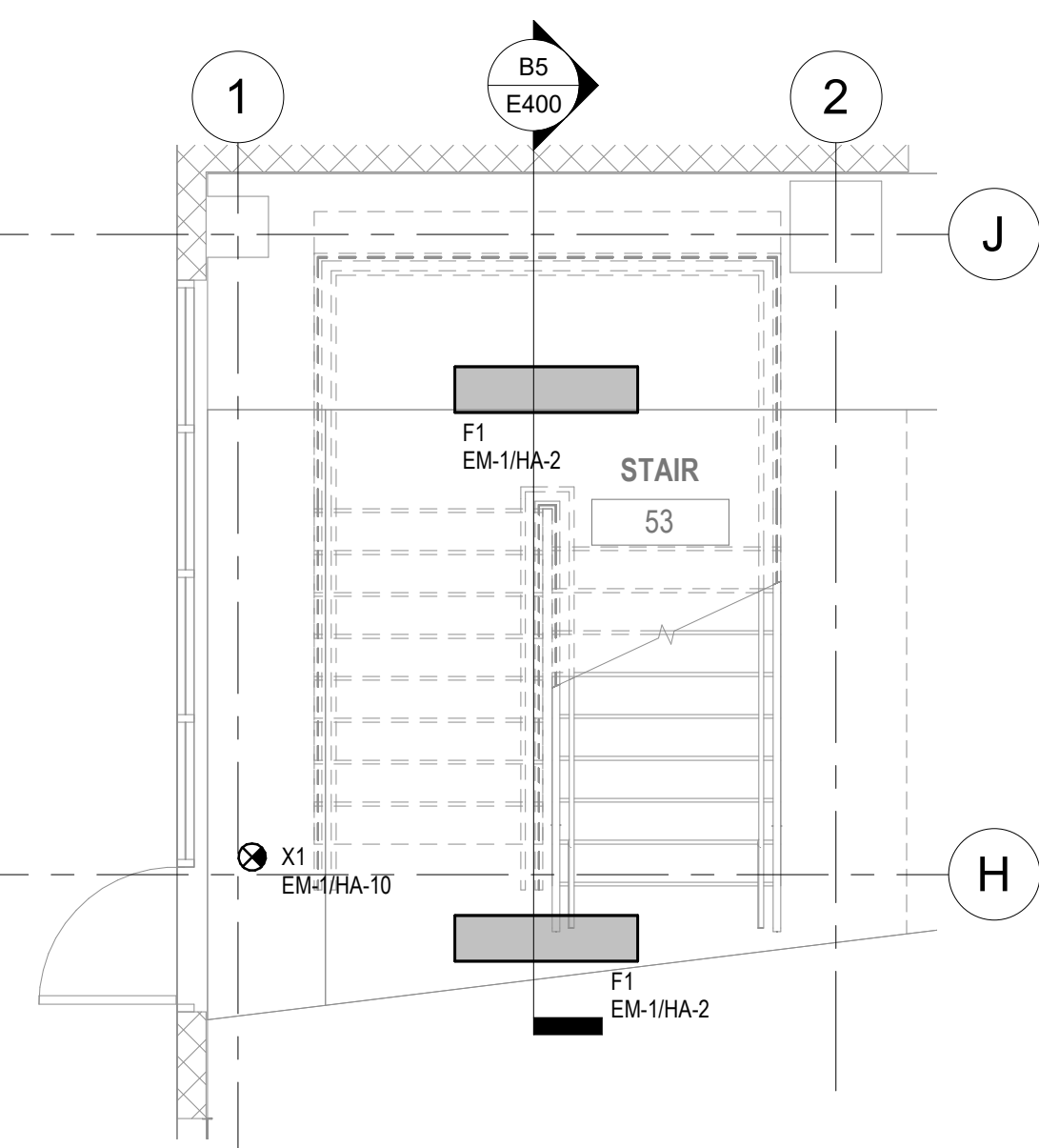
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SHEET TITLE:

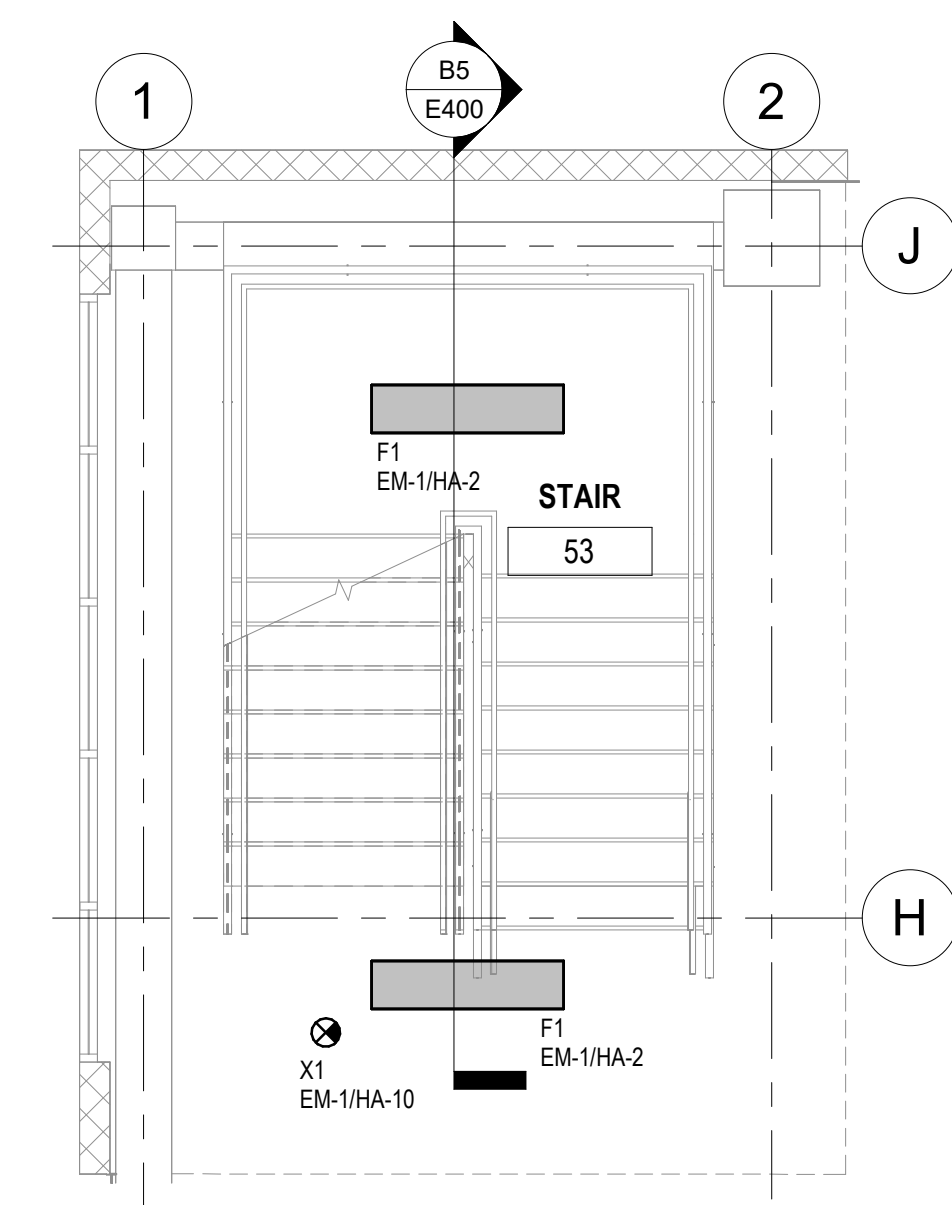
ENLARGED PLANS

SHEET NUMBER:

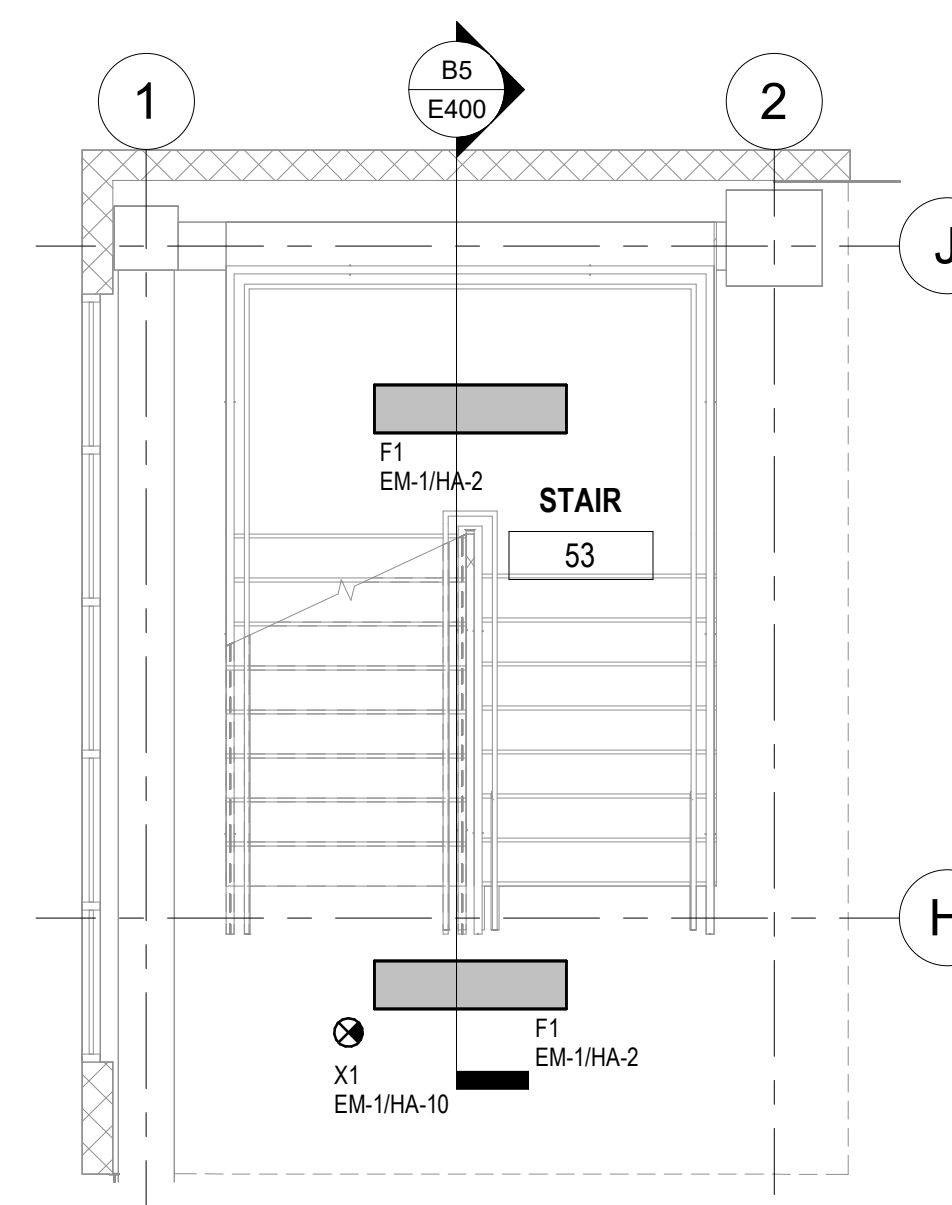
E400



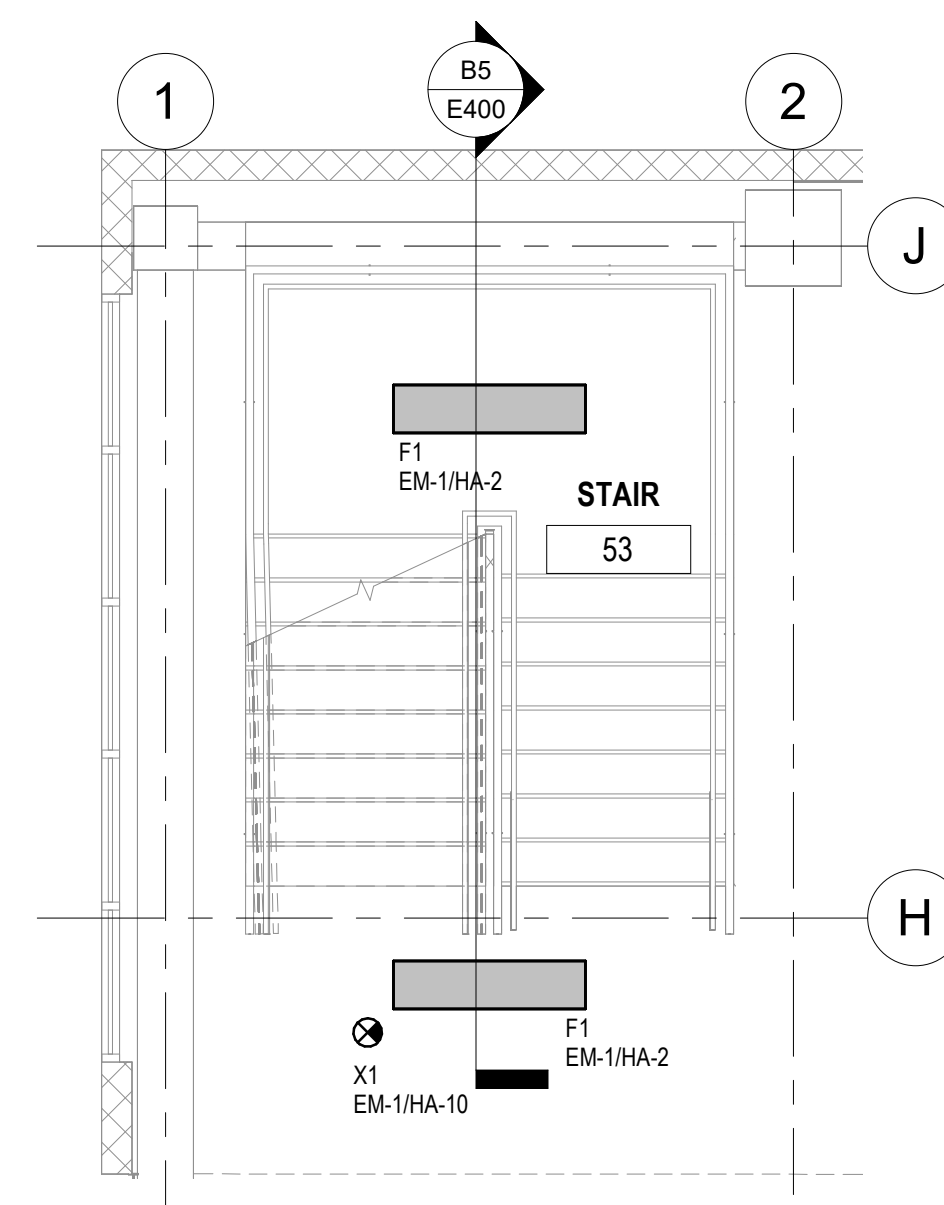
ENLARGED LIGHTING STAIR 53
LEVEL ONE PLAN



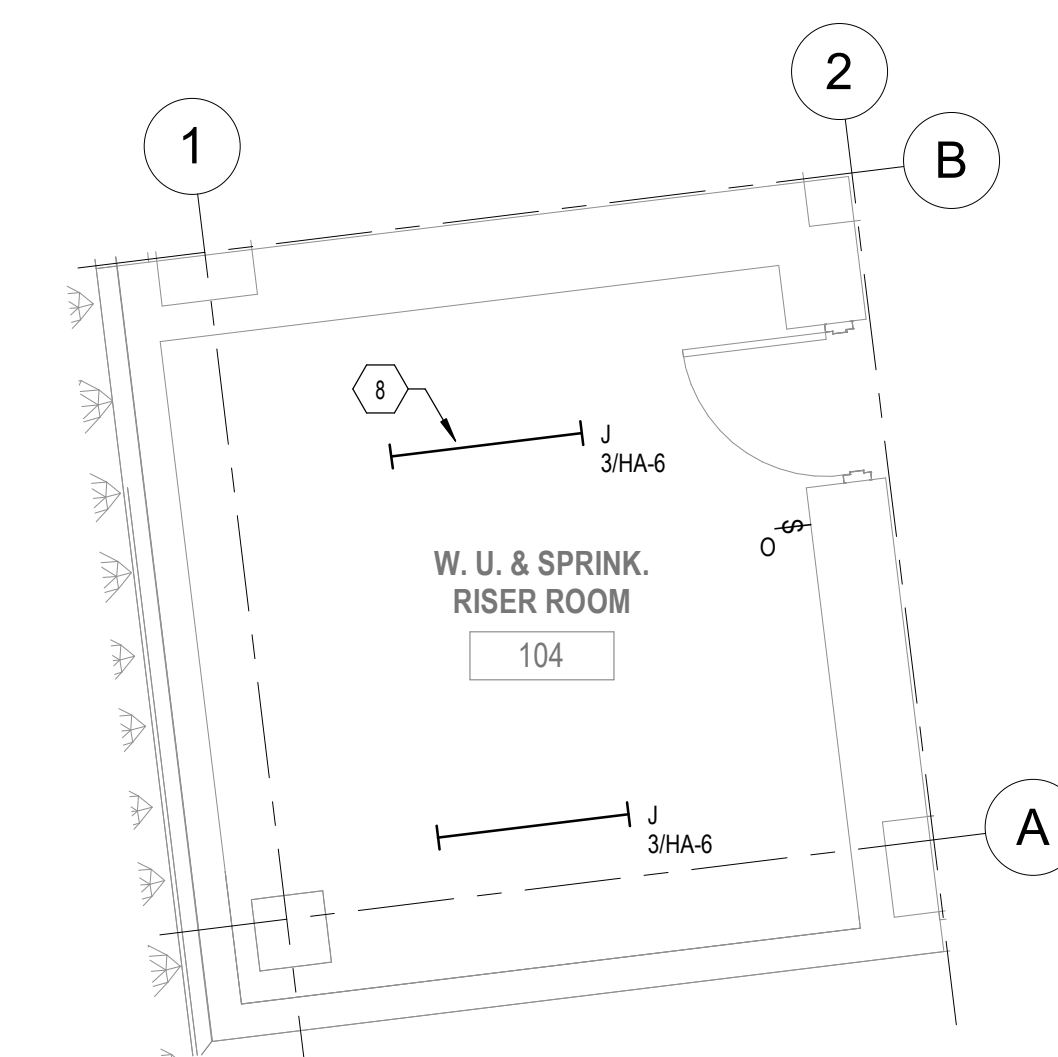
ENLARGED LIGHTING STAIR 53
LEVEL TWO PLAN



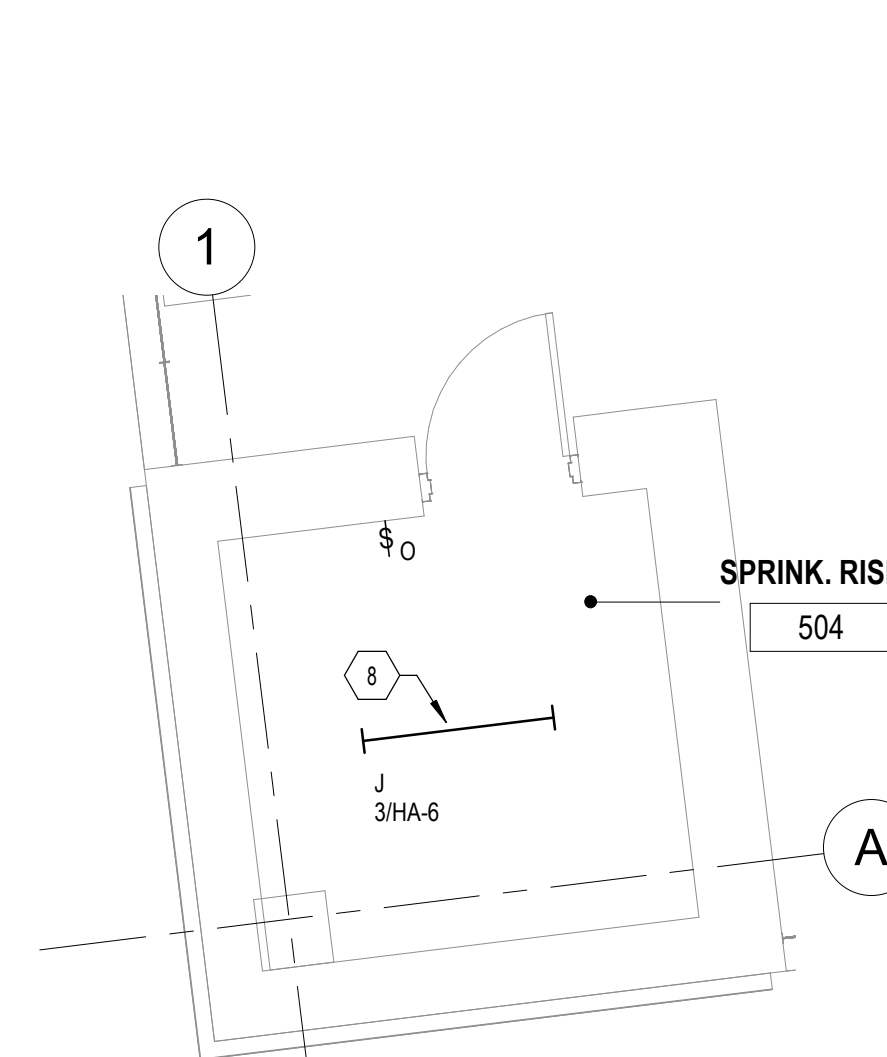
ENLARGED LIGHTING STAIR 53
LEVEL THREE PLAN



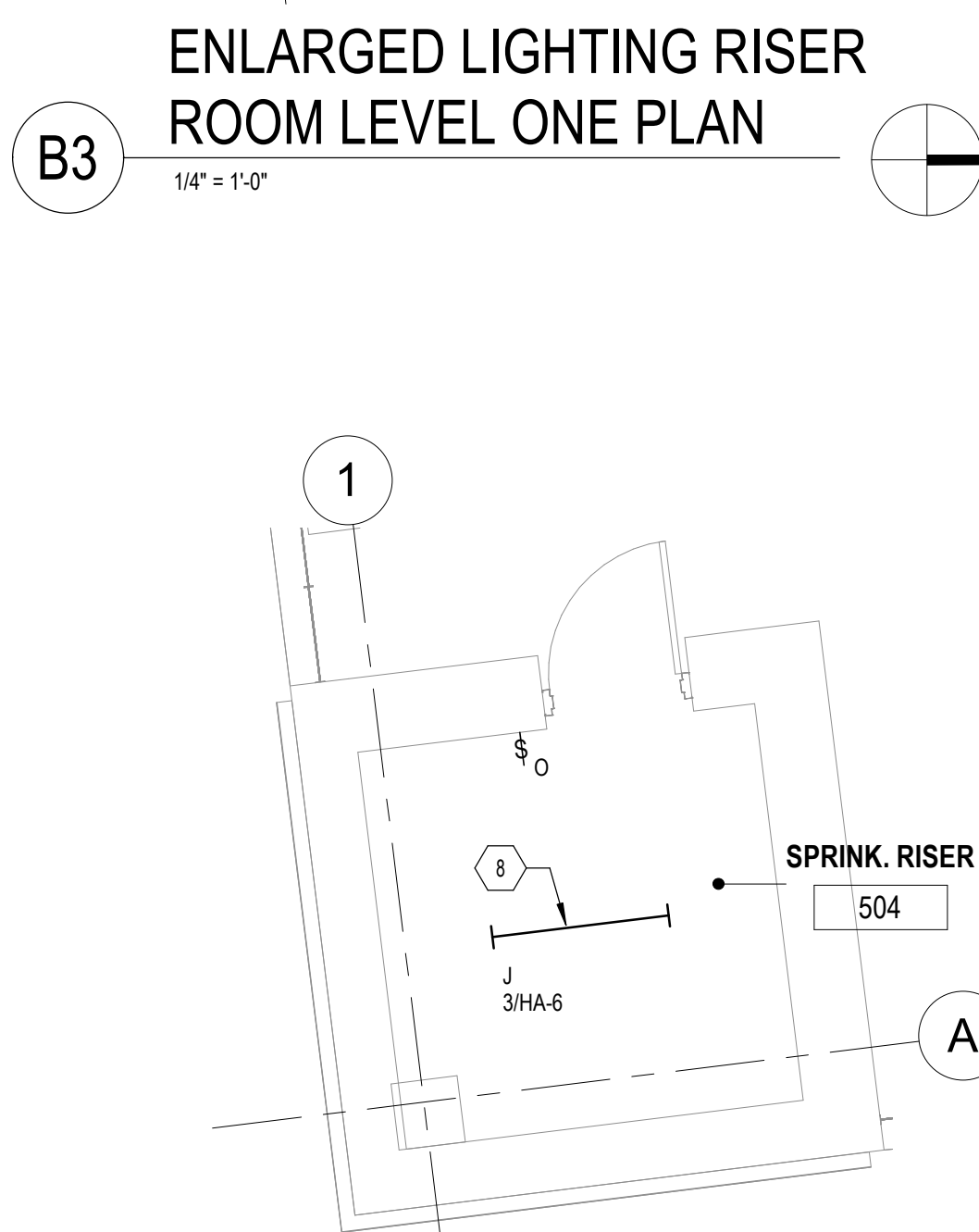
ENLARGED LIGHTING STAIR 53
LEVEL FOUR PLAN



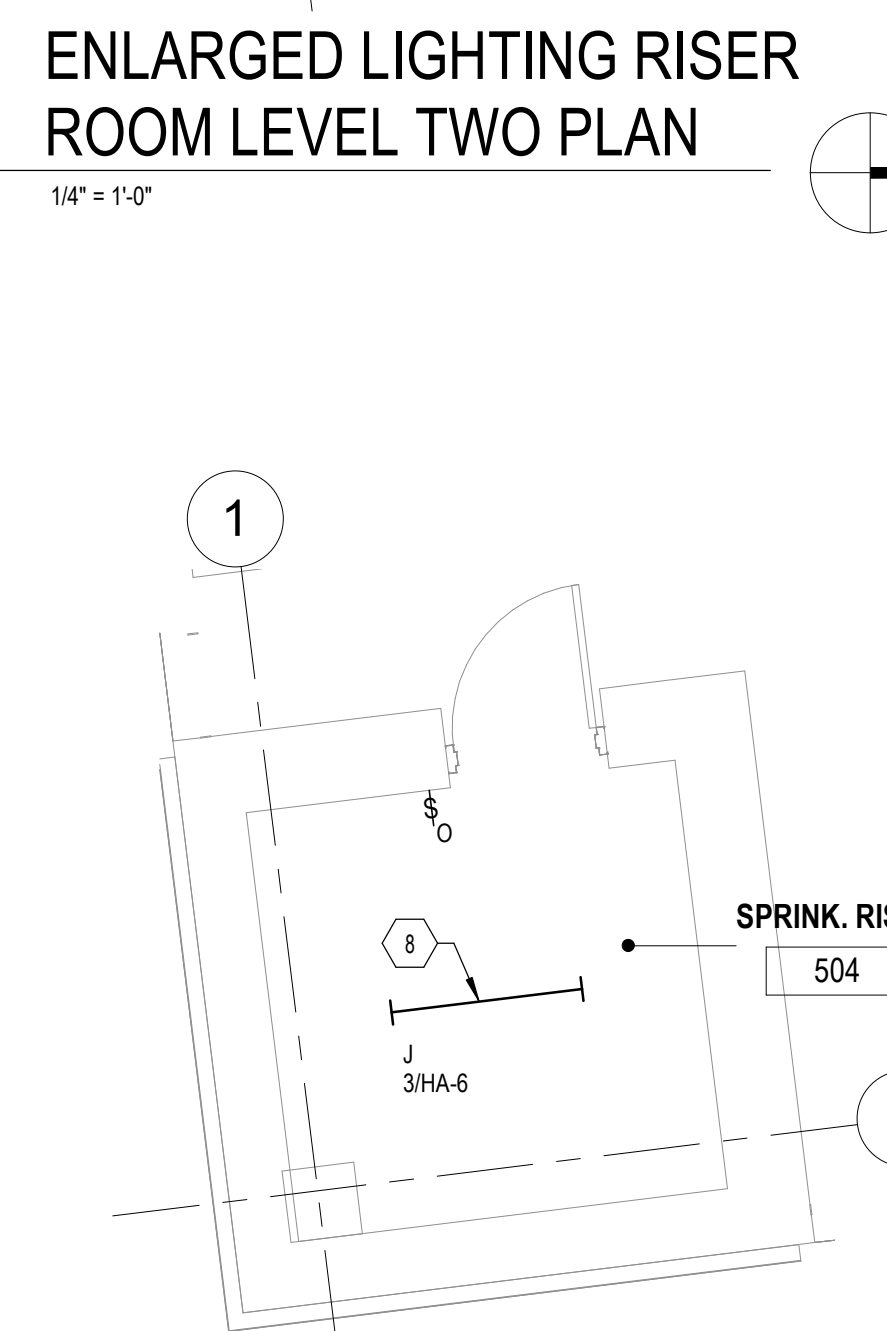
ENLARGED LIGHTING RISER
ROOM LEVEL ONE PLAN



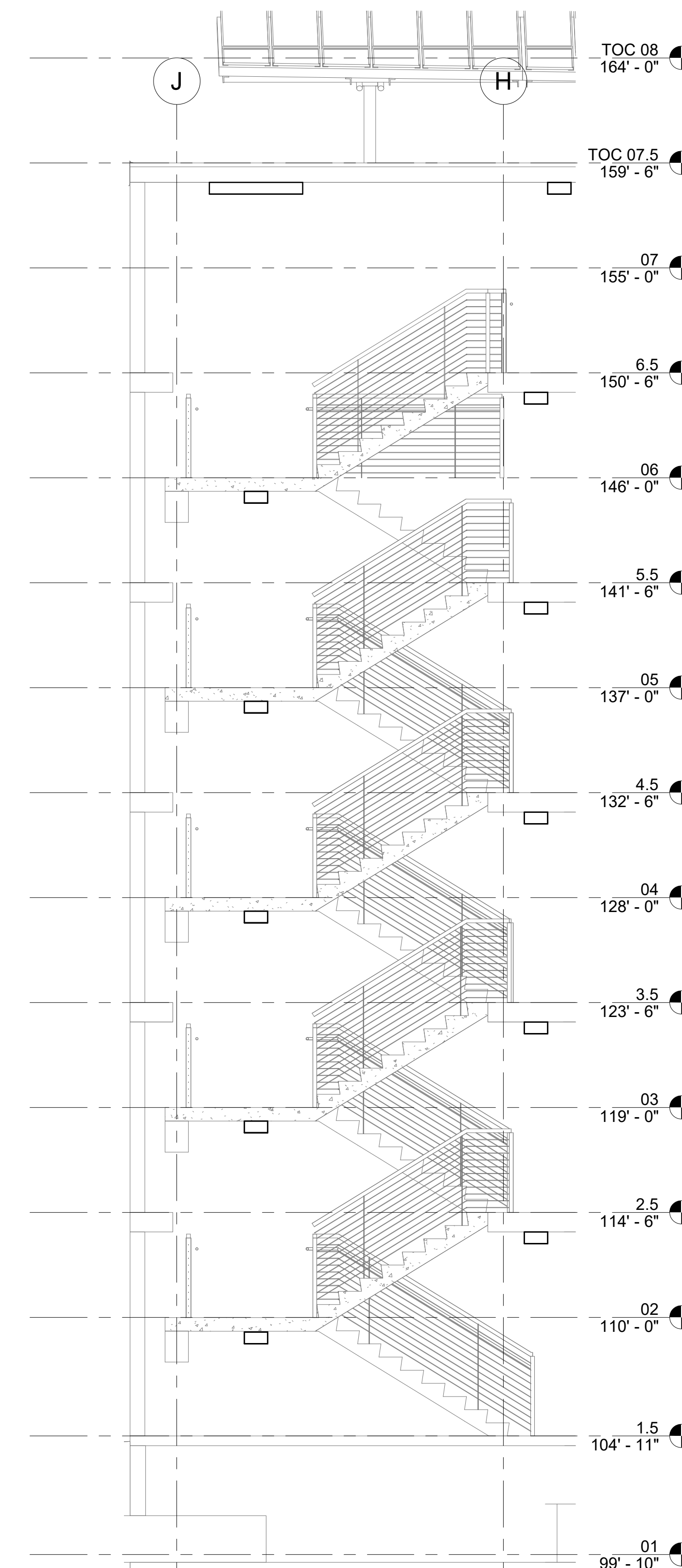
ENLARGED LIGHTING RISER
ROOM LEVEL TWO PLAN



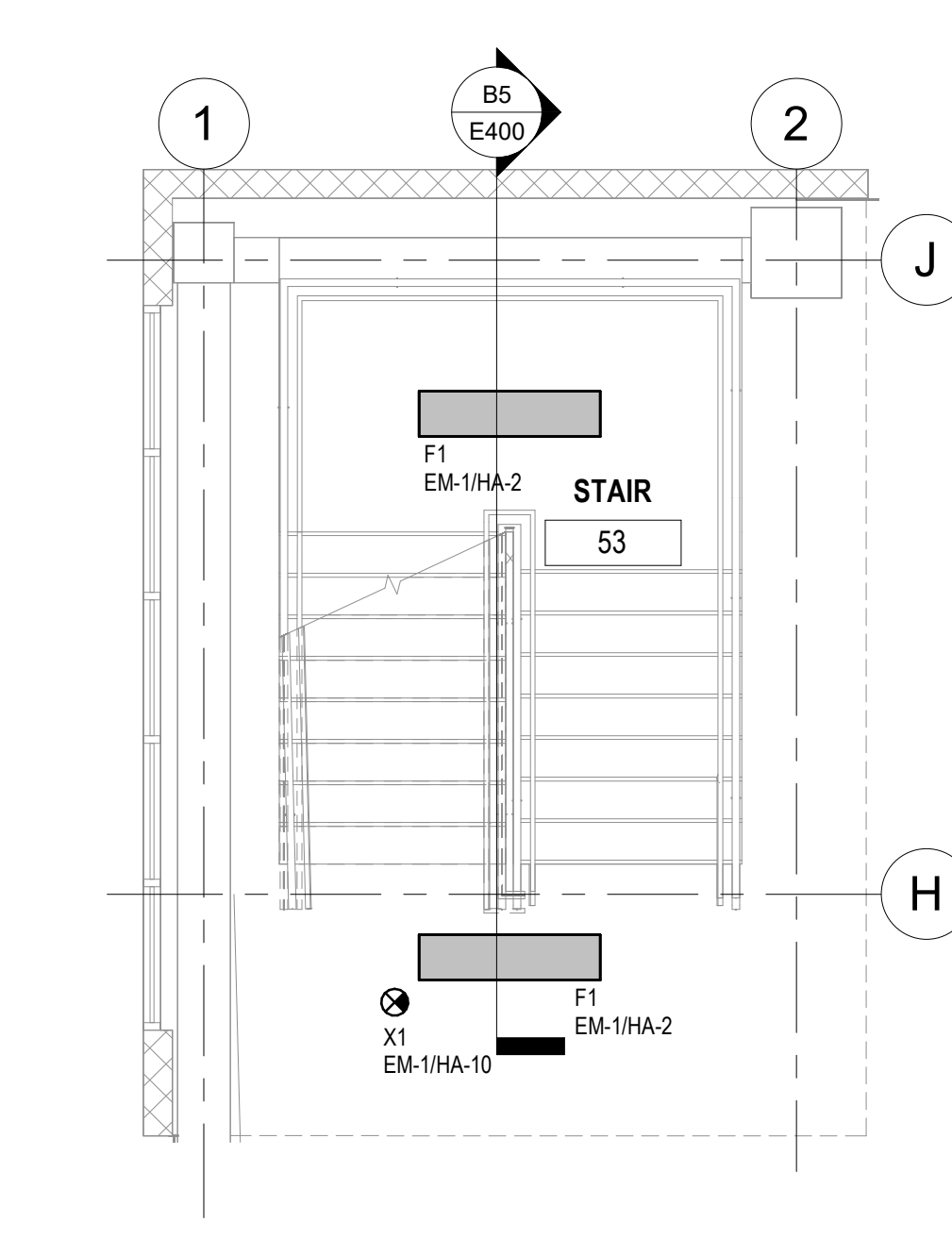
ENLARGED LIGHTING RISER
ROOM LEVEL THREE PLAN



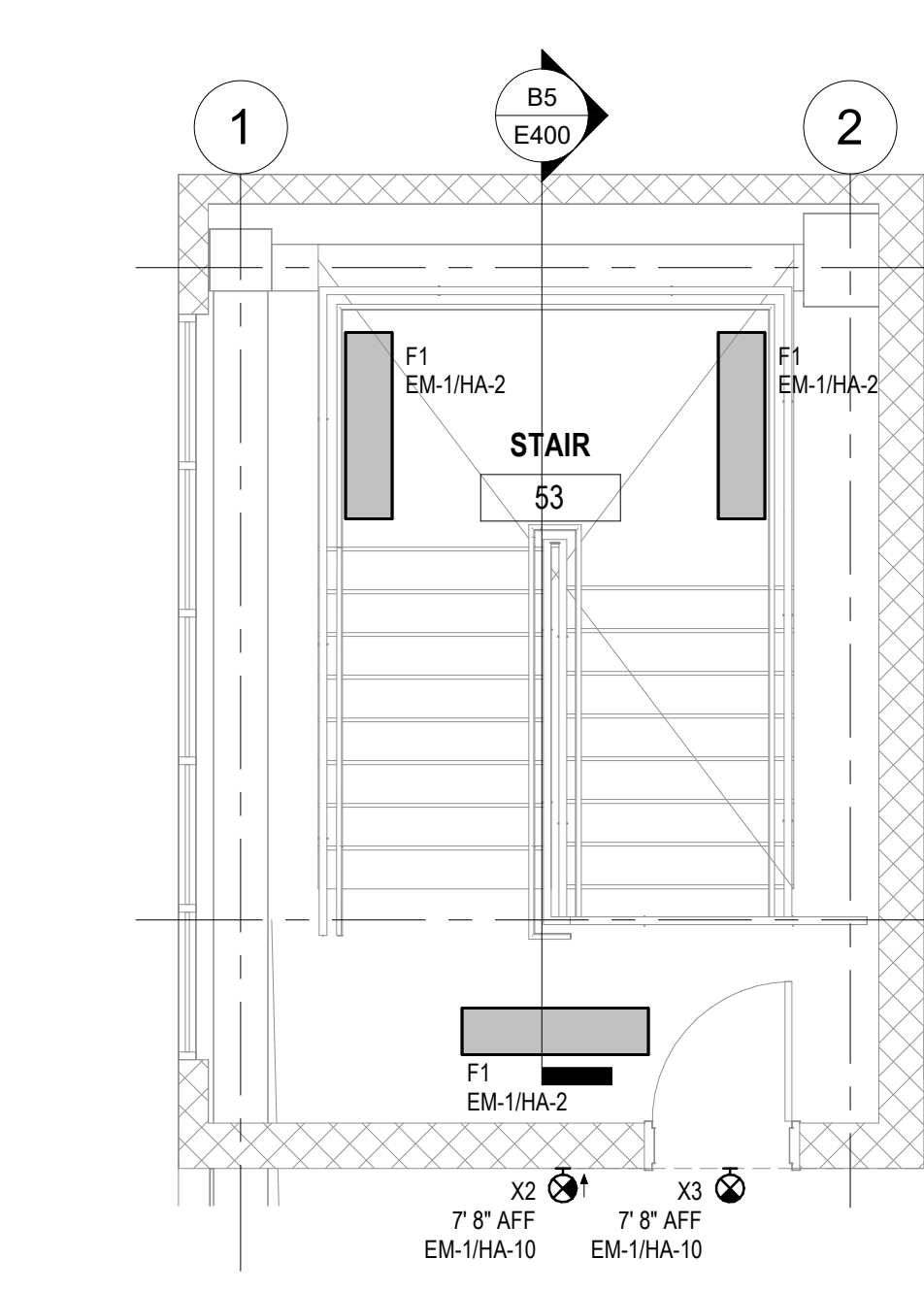
ENLARGED LIGHTING RISER
ROOM LEVEL FOUR PLAN



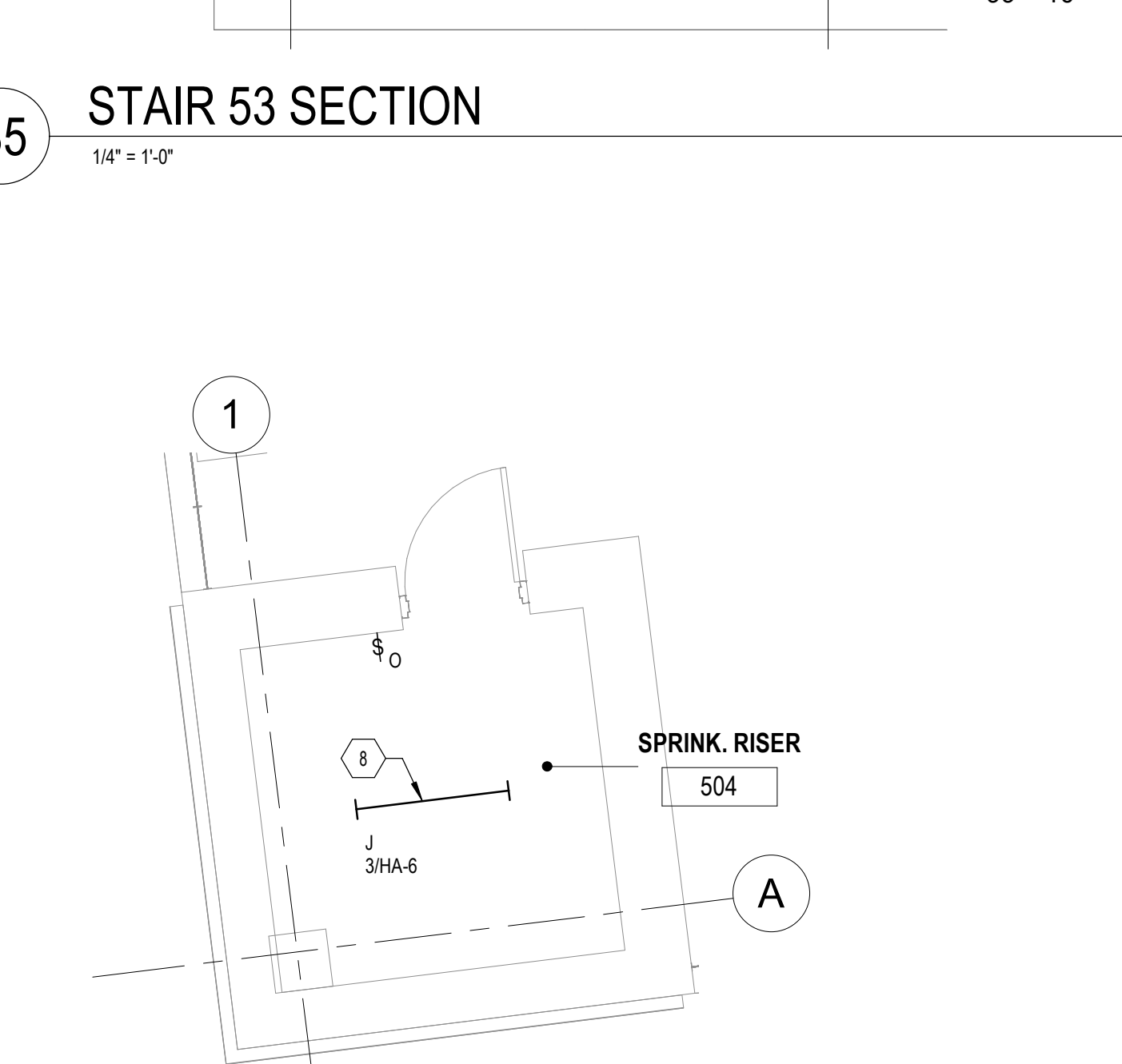
STAIR 53 SECTION



ENLARGED LIGHTING STAIR 53
LEVEL FIVE PLAN



ENLARGED LIGHTING STAIR 53
LEVEL SIX PLAN



ENLARGED LIGHTING RISER
ROOM LEVEL FIVE PLAN



SHEET KEYNOTES

- 4 SURFACE MOUNT G1 LIGHT FIXTURES TO BOTTOM OF BEAM AND 10"
FROM WALL FACE.
8 CHAIN HANG LIGHT FIXTURE IN THIS ROOM AS CLOSE TO UNDERSIDE OF
EXPOSED STRUCTURE AS POSSIBLE. COORDINATE EXACT LOCATION
WITH PIPING AND DUCTWORK IN THIS ROOM.

B1 ENLARGED LIGHTING STAIR 51 LEVEL ONE PLAN

1/4" = 1'-0"

B3 ENLARGED LIGHTING STAIR 51 LEVEL TWO PLAN

1/4" = 1'-0"

B5 ENLARGED LIGHTING STAIR 51 LEVEL THREE PLAN

1/4" = 1'-0"

A1 ENLARGED LIGHTING STAIR 51 LEVEL FOUR PLAN

1/4" = 1'-0"

A3 ENLARGED LIGHTING STAIR 51 LEVEL FIVE PLAN

1/4" = 1'-0"

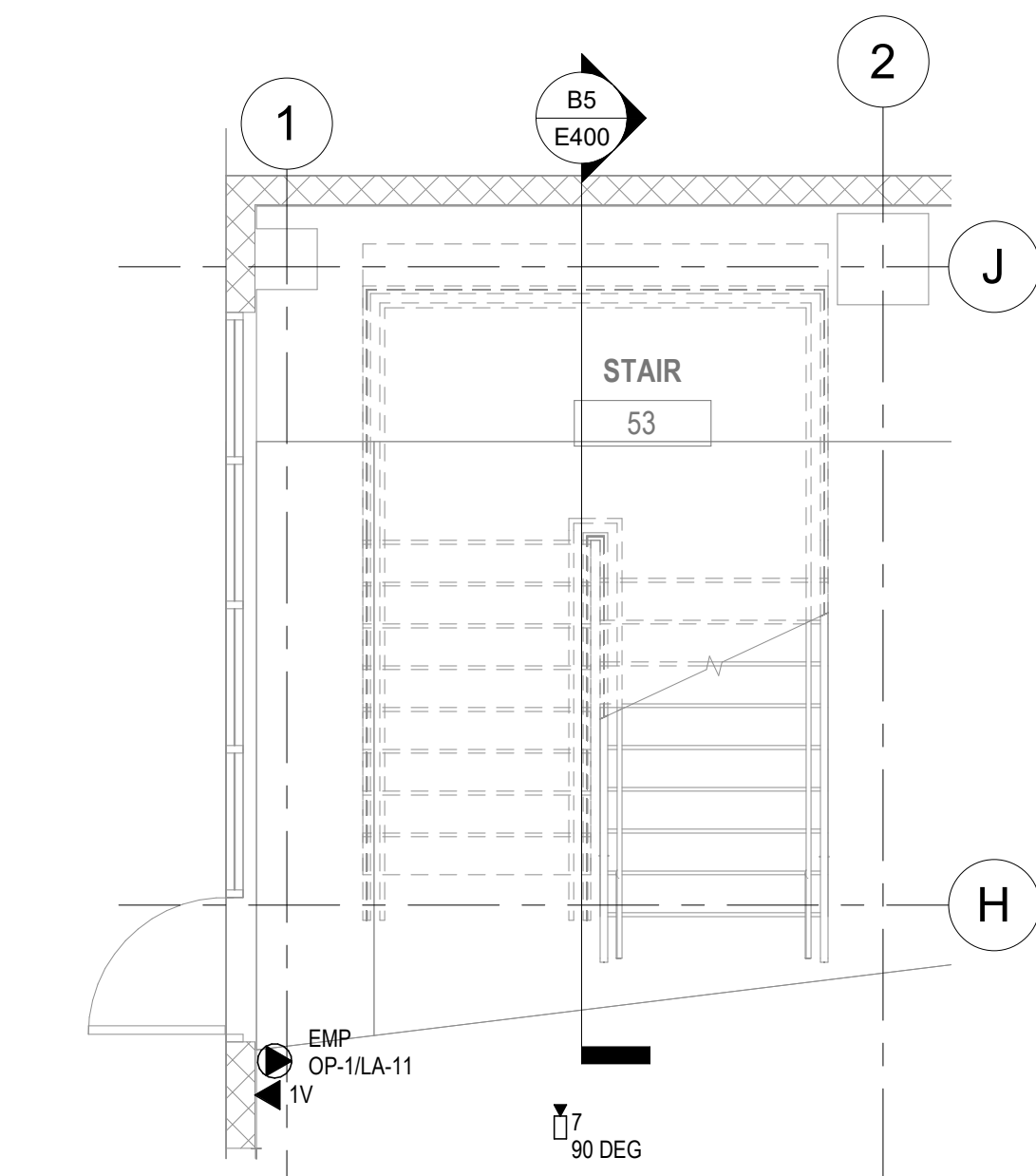
A5 ENLARGED LIGHTING STAIR 51 LEVEL SIX PLAN

1/4" = 1'-0"

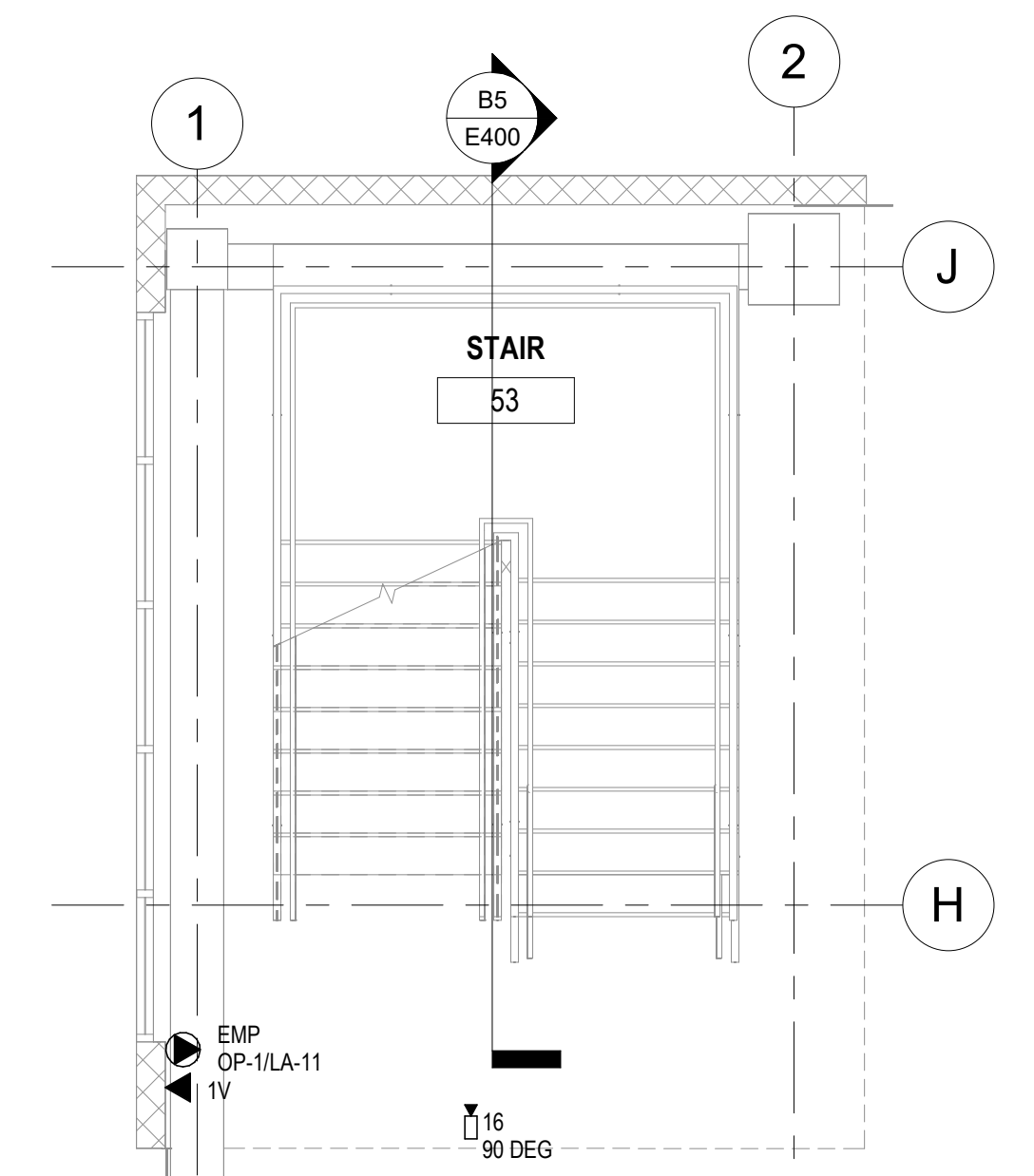


GENERAL SHEET NOTES

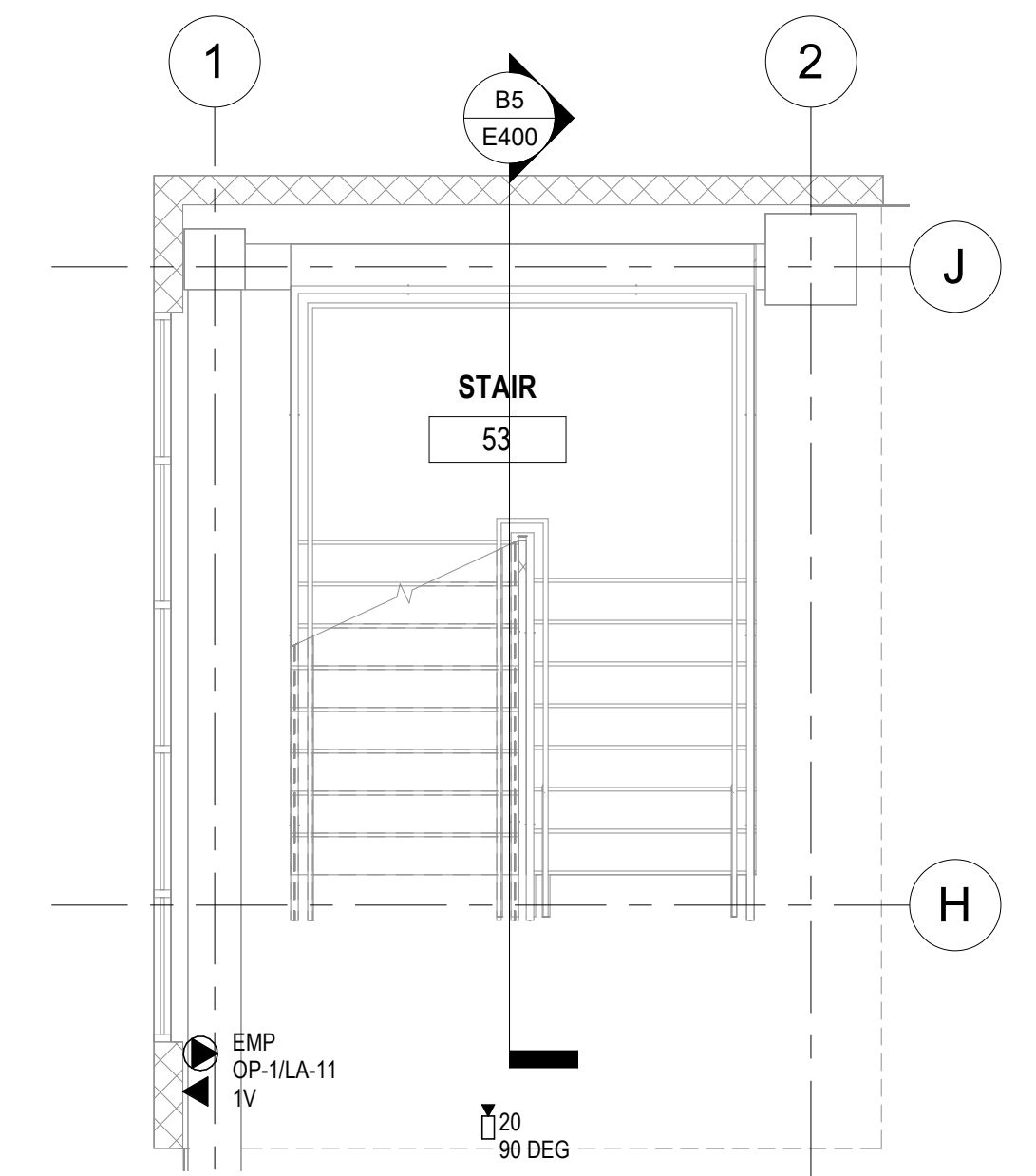
A. COORDINATE ALL MONITOR MODULES, FLOWS, AND TAMPER SWITCHES
QUANTITIES AND LOCATIONS WITH FIRE PROTECTION CONTRACTOR.



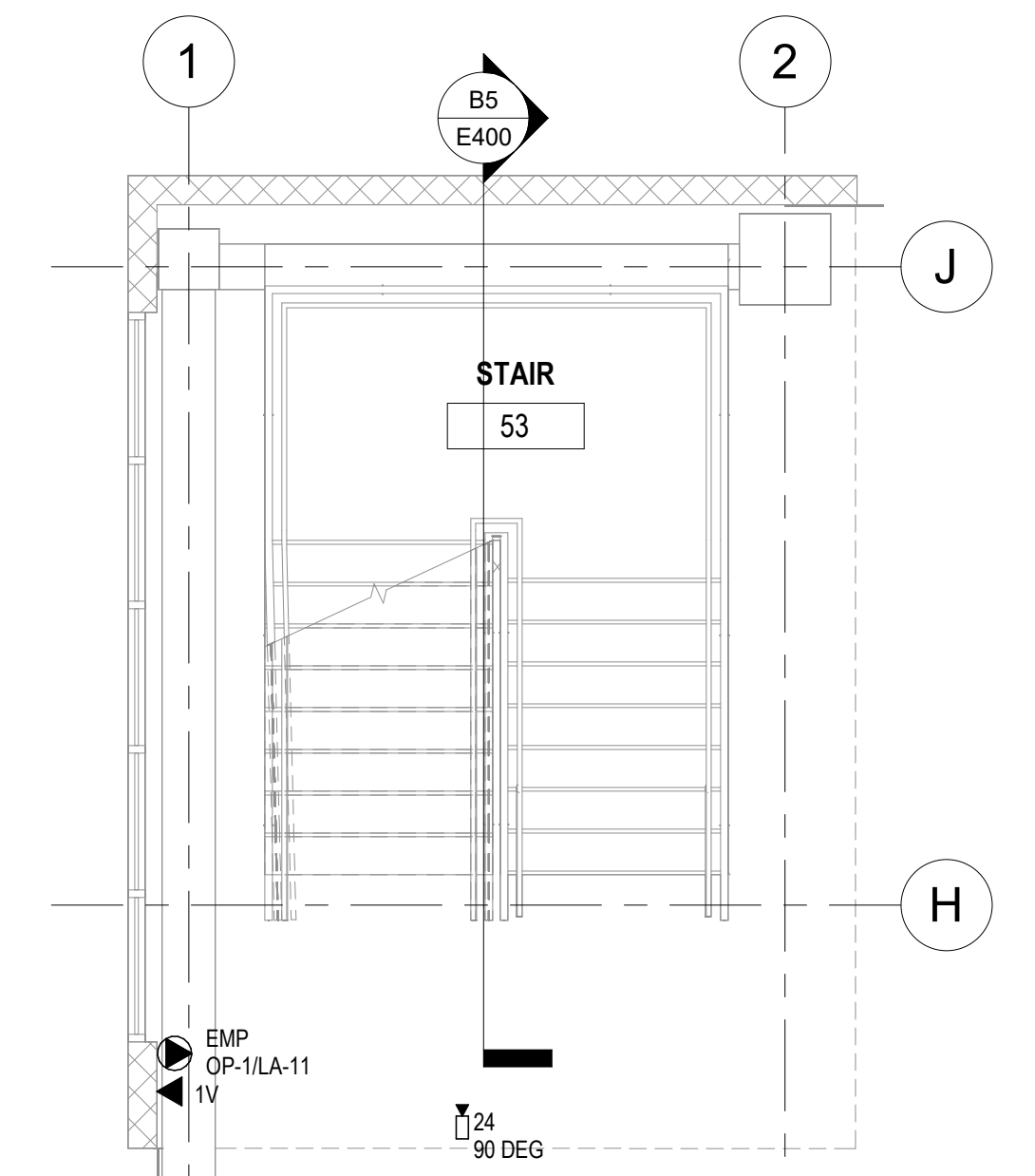
C1 ENLARGED POWER & SYSTEMS
STAIR 53 LEVEL ONE PLAN
1/4" = 1'-0"



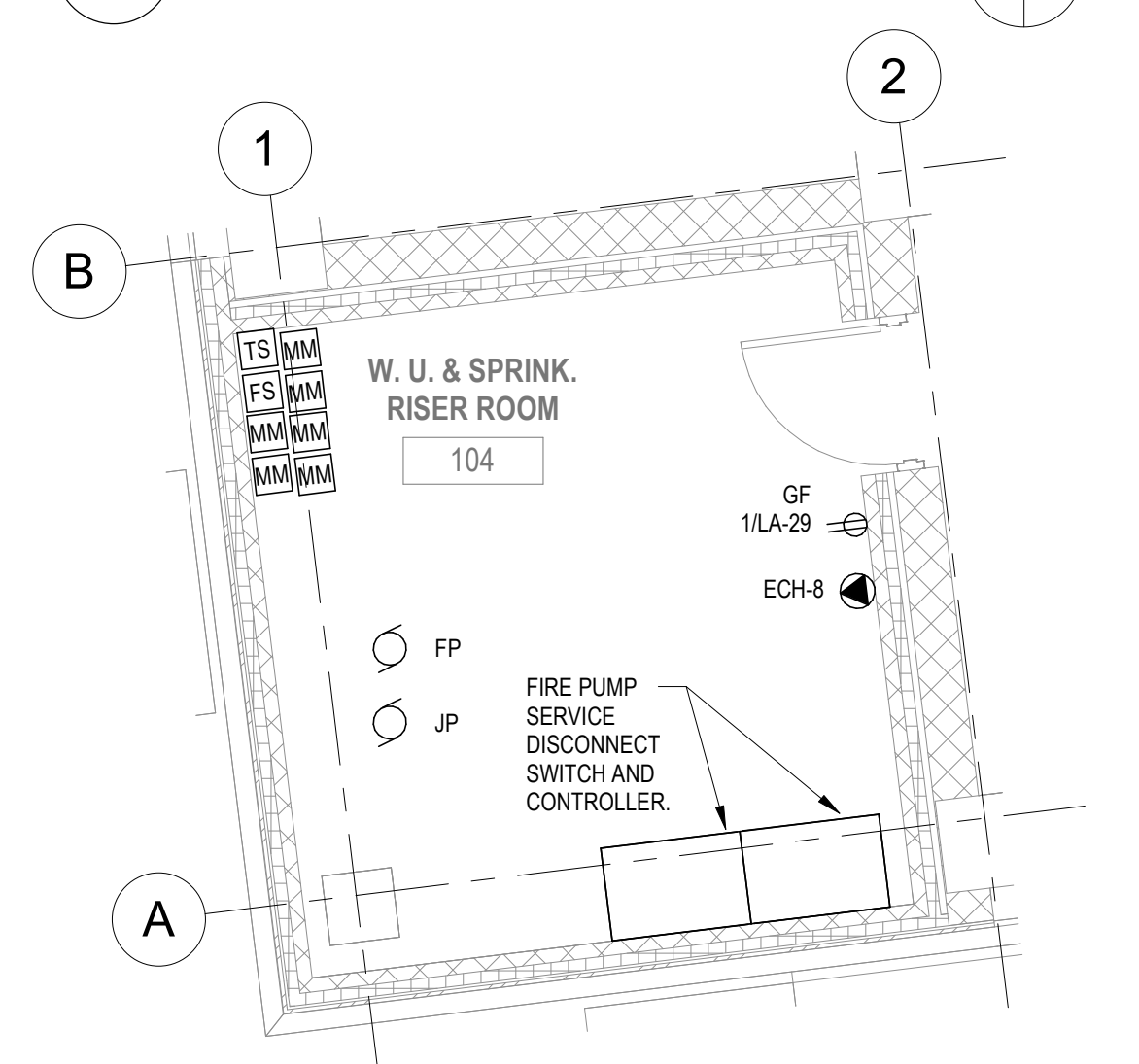
C2 ENLARGED POWER & SYSTEMS
STAIR 53 LEVEL TWO PLAN
1/4" = 1'-0"



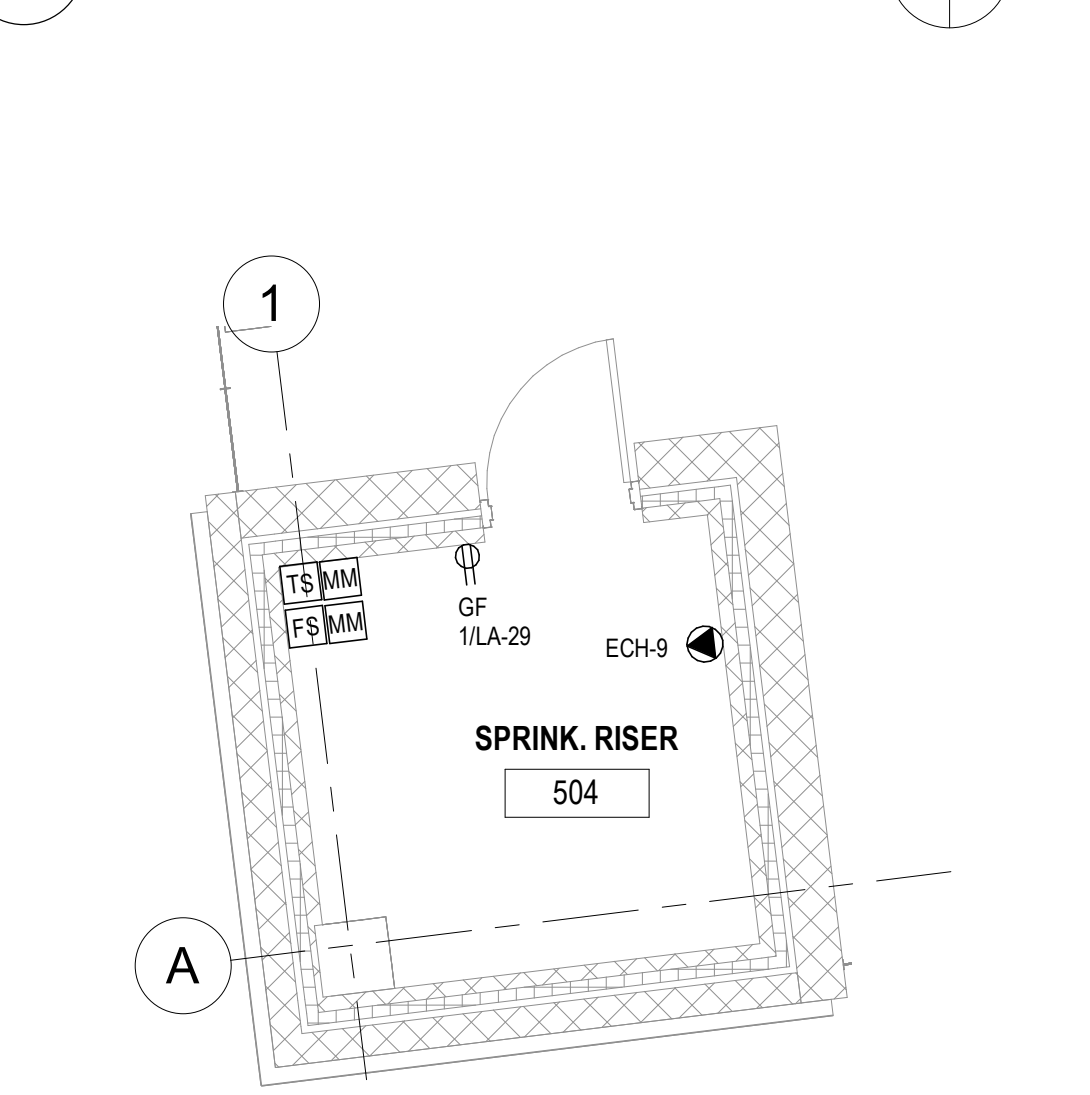
C3 ENLARGED POWER & SYSTEMS
STAIR 53 LEVEL THREE PLAN
1/4" = 1'-0"



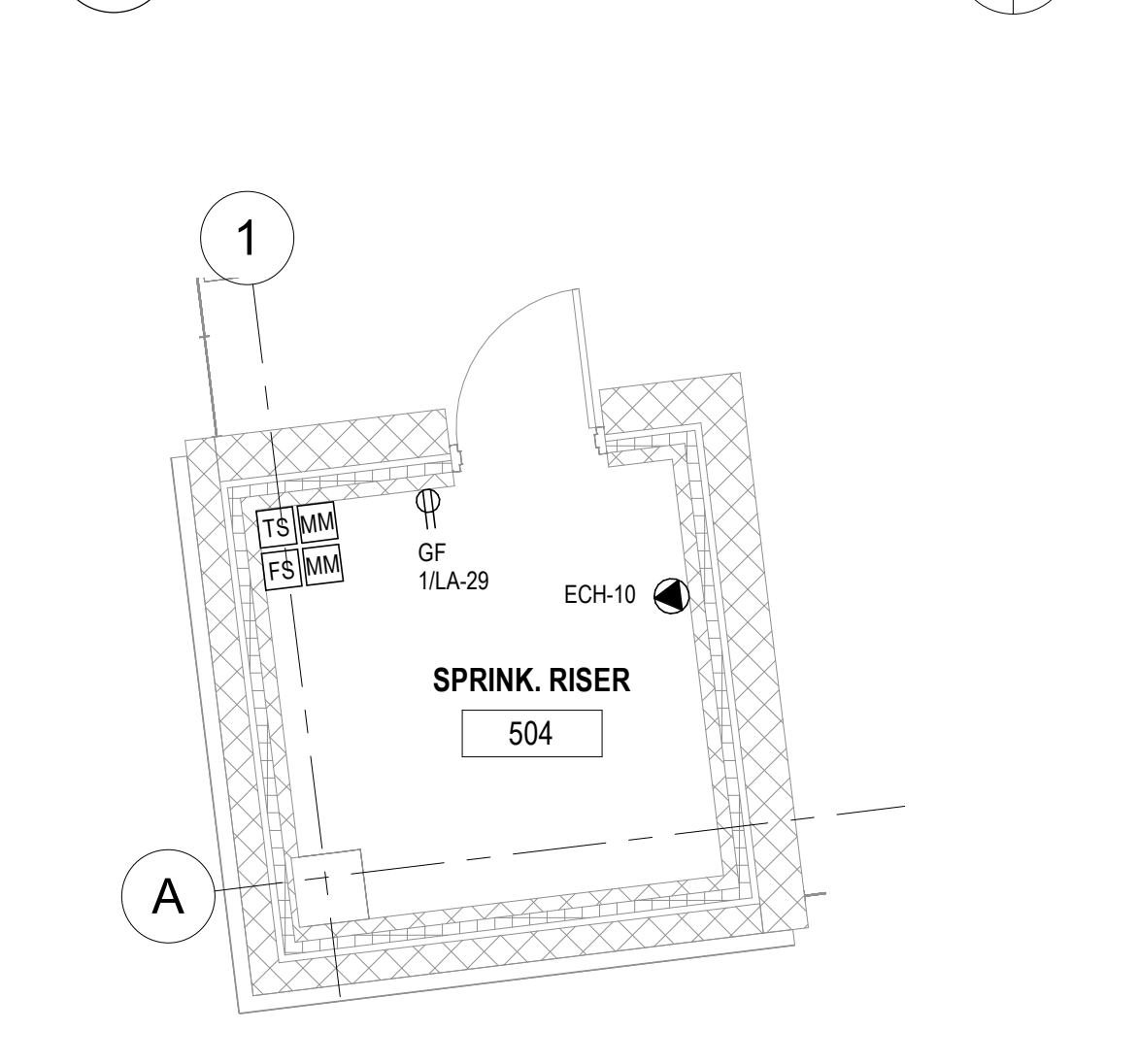
C4 ENLARGED POWER & SYSTEMS
STAIR 53 LEVEL FOUR PLAN
1/4" = 1'-0"



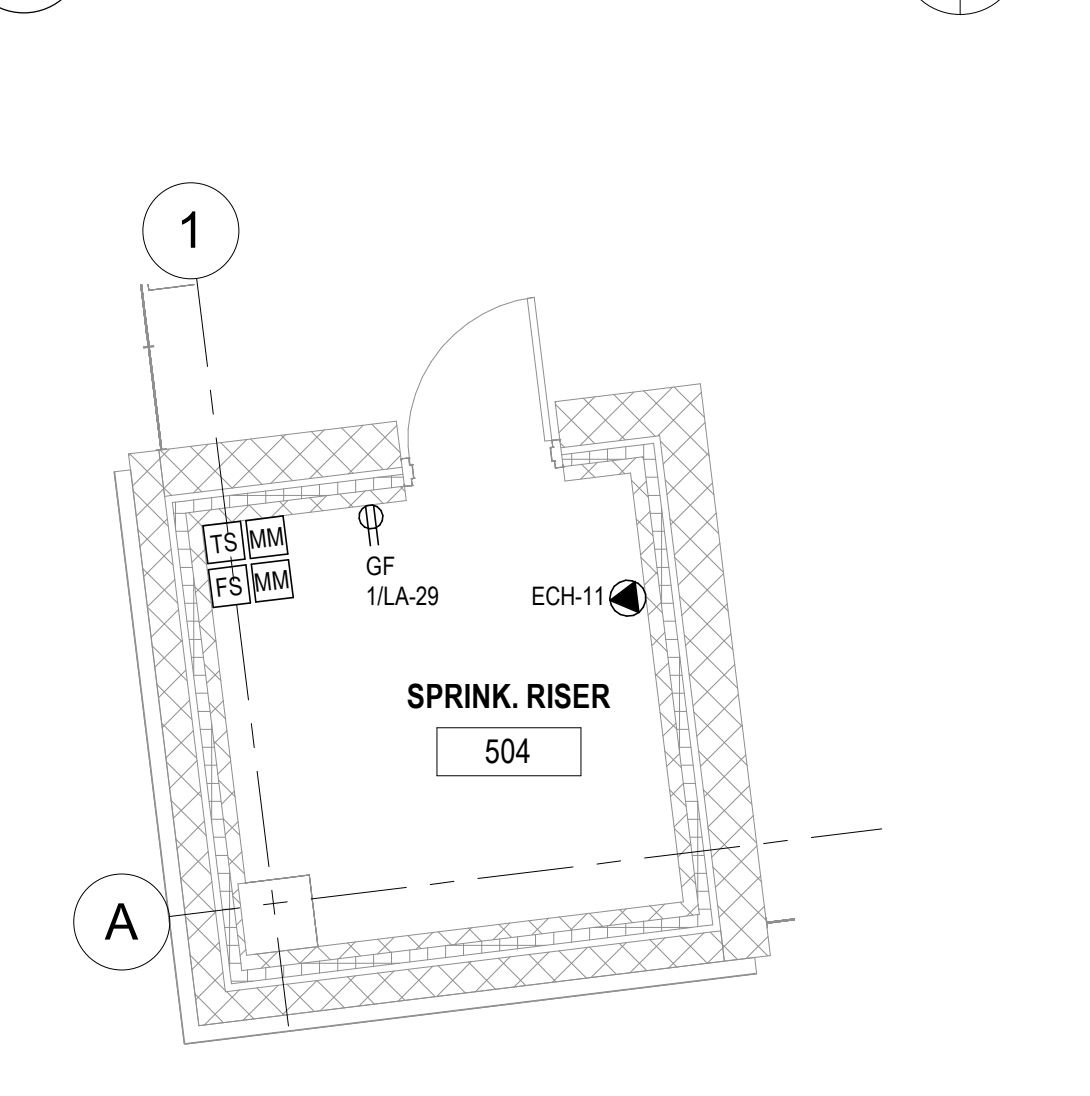
B3 ENLARGED POWER & SYSTEMS
RISER ROOM LEVEL ONE
PLAN
1/4" = 1'-0"



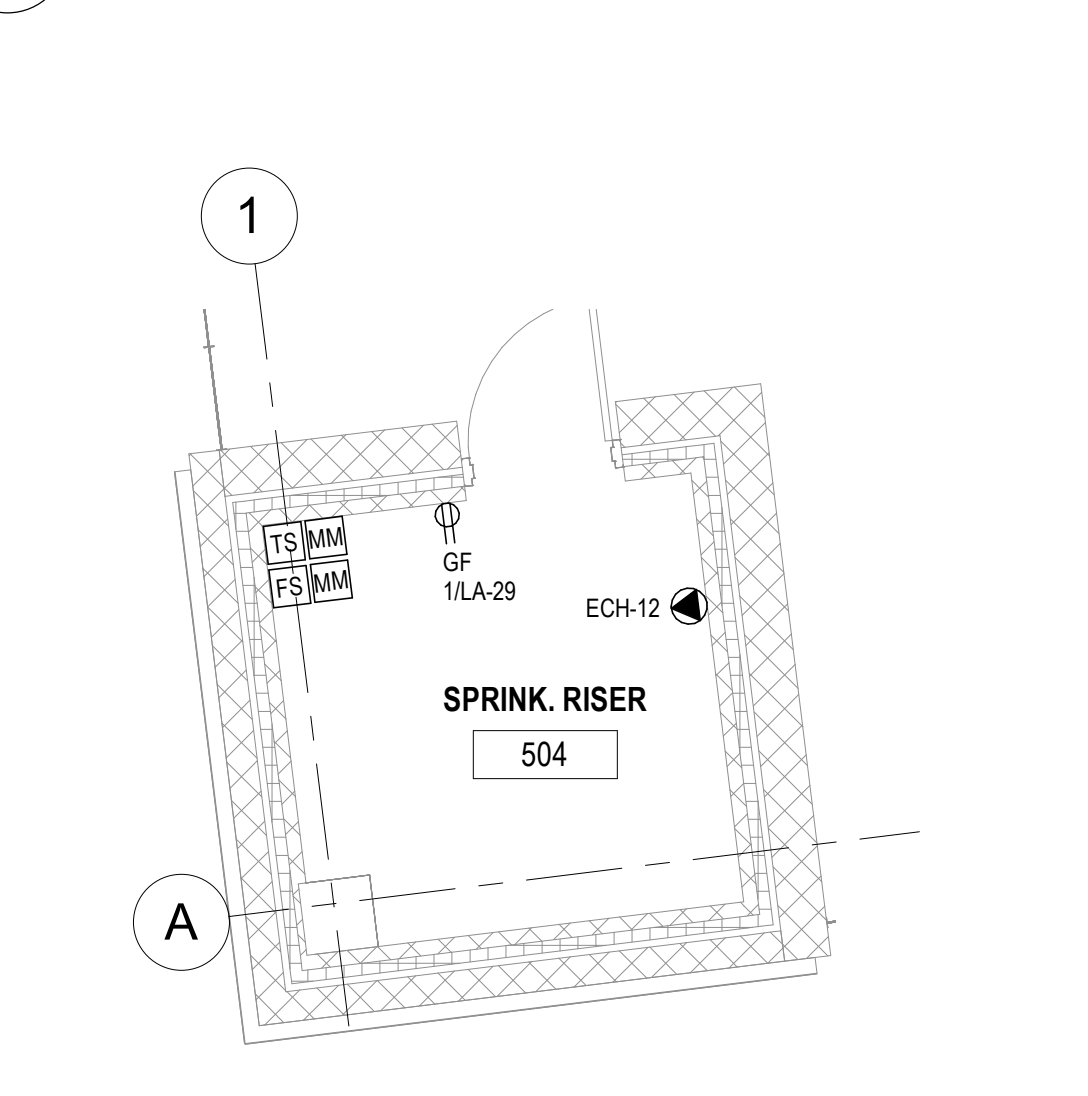
B4 ENLARGED POWER & SYSTEMS
RISER ROOM LEVEL TWO
PLAN
1/4" = 1'-0"



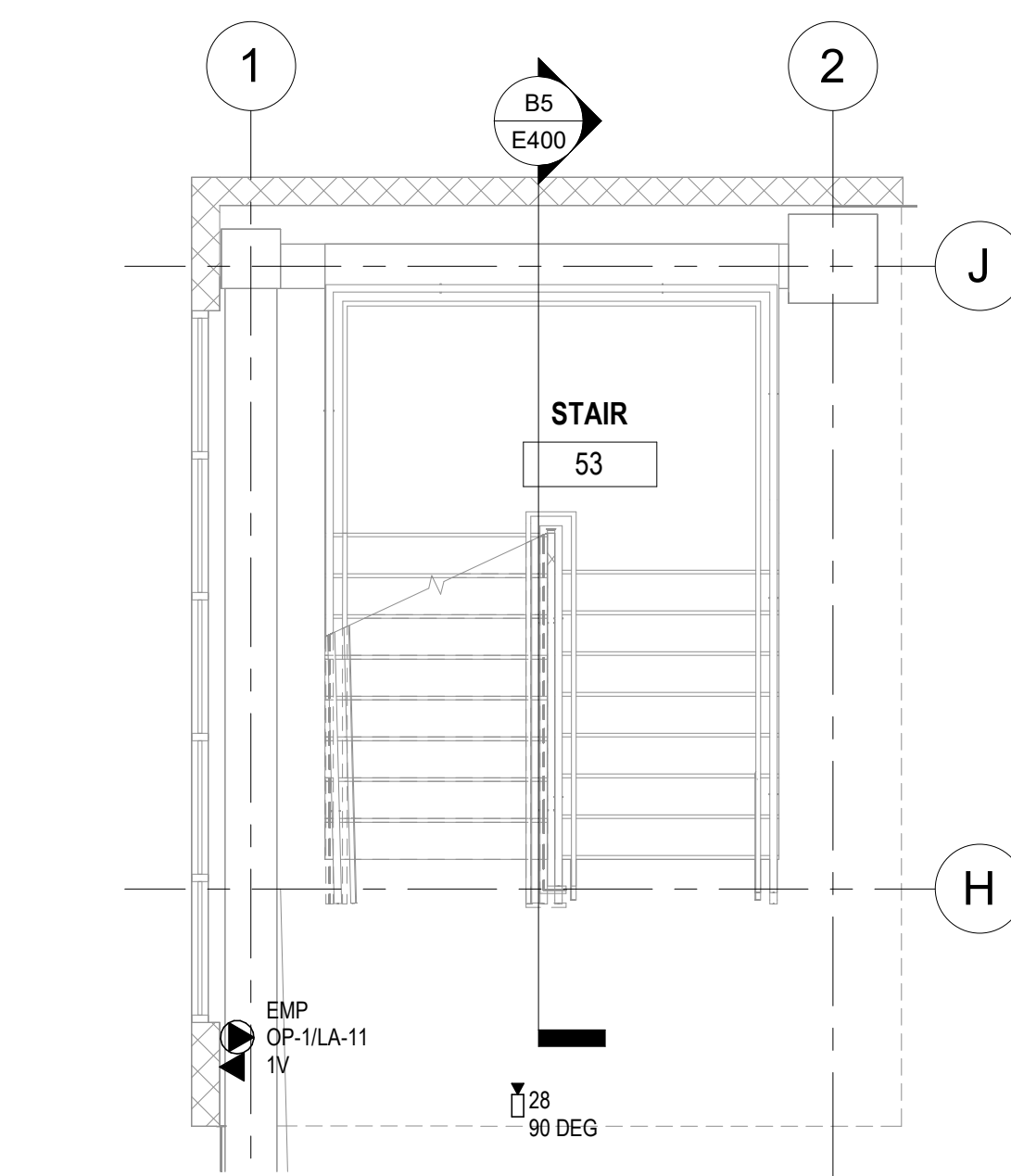
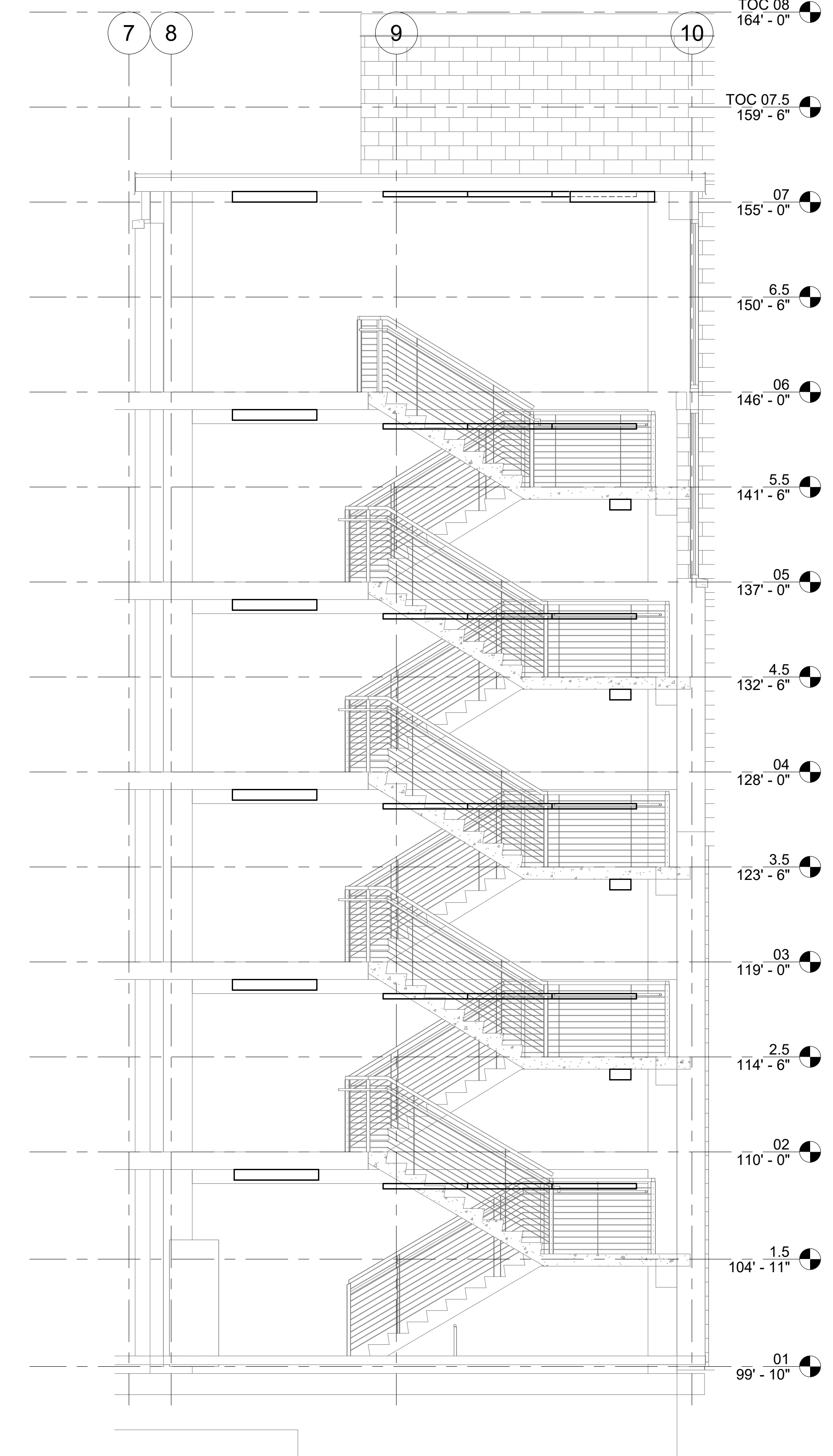
A3 ENLARGED POWER & SYSTEMS
RISER ROOM LEVEL THREE
PLAN
1/4" = 1'-0"



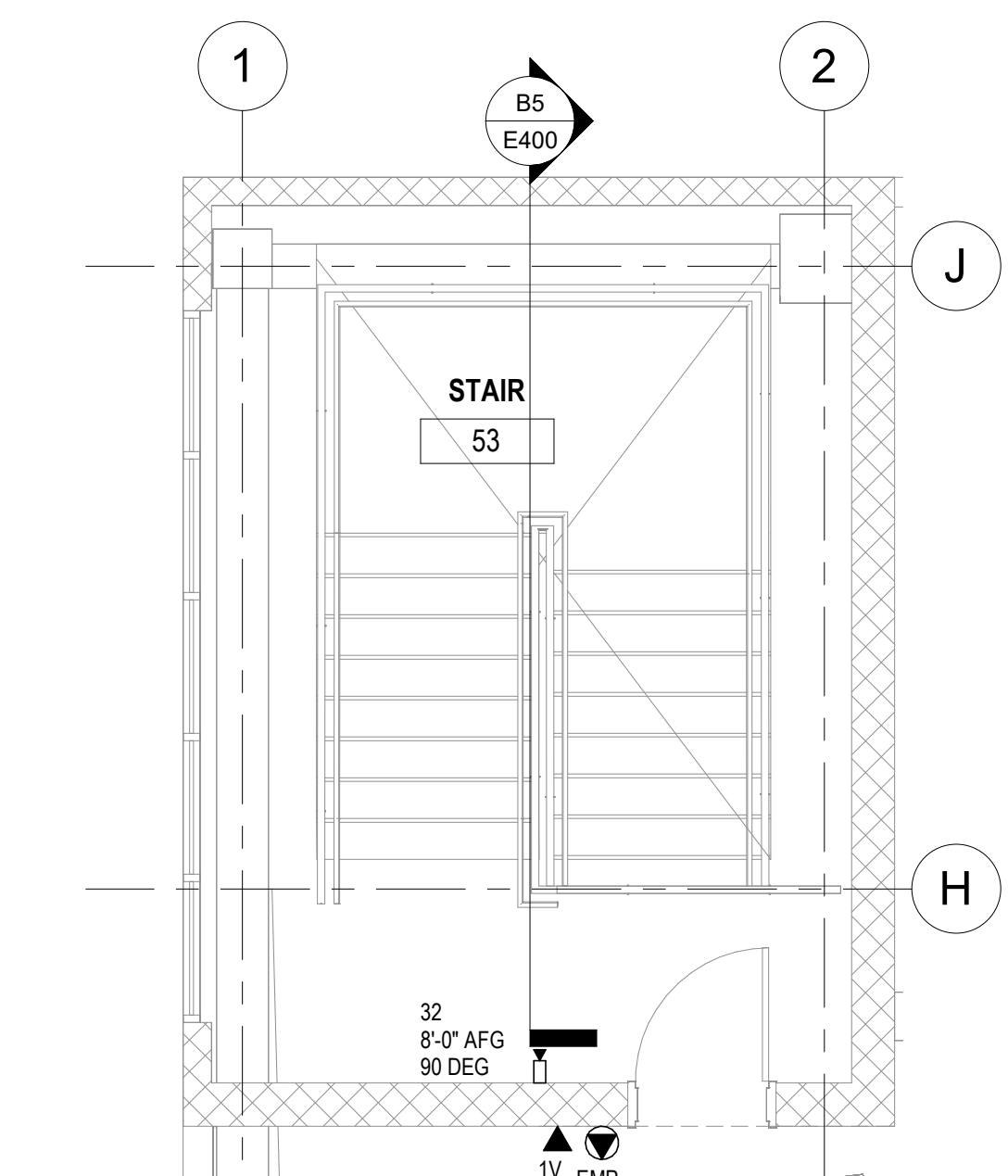
A4 ENLARGED POWER & SYSTEMS
RISER ROOM LEVEL FOUR
PLAN
1/4" = 1'-0"



A5 ENLARGED POWER & SYSTEMS
RISER ROOM LEVEL FIVE
PLAN
1/4" = 1'-0"



A1 ENLARGED POWER & SYSTEMS
STAIR 53 LEVEL FIVE PLAN
1/4" = 1'-0"

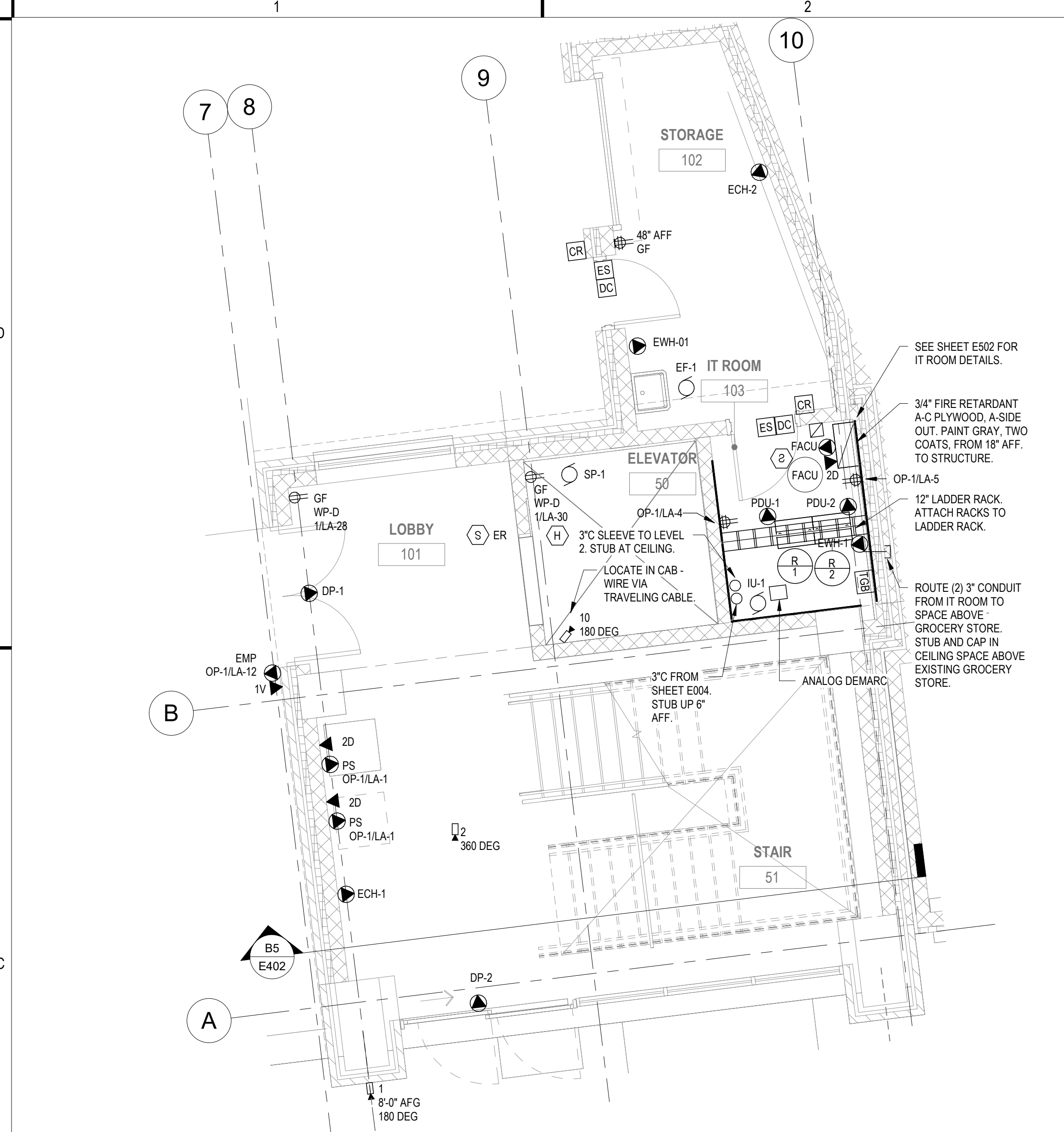


A2 ENLARGED POWER & SYSTEMS
STAIR 53 LEVEL SIX PLAN
1/4" = 1'-0"

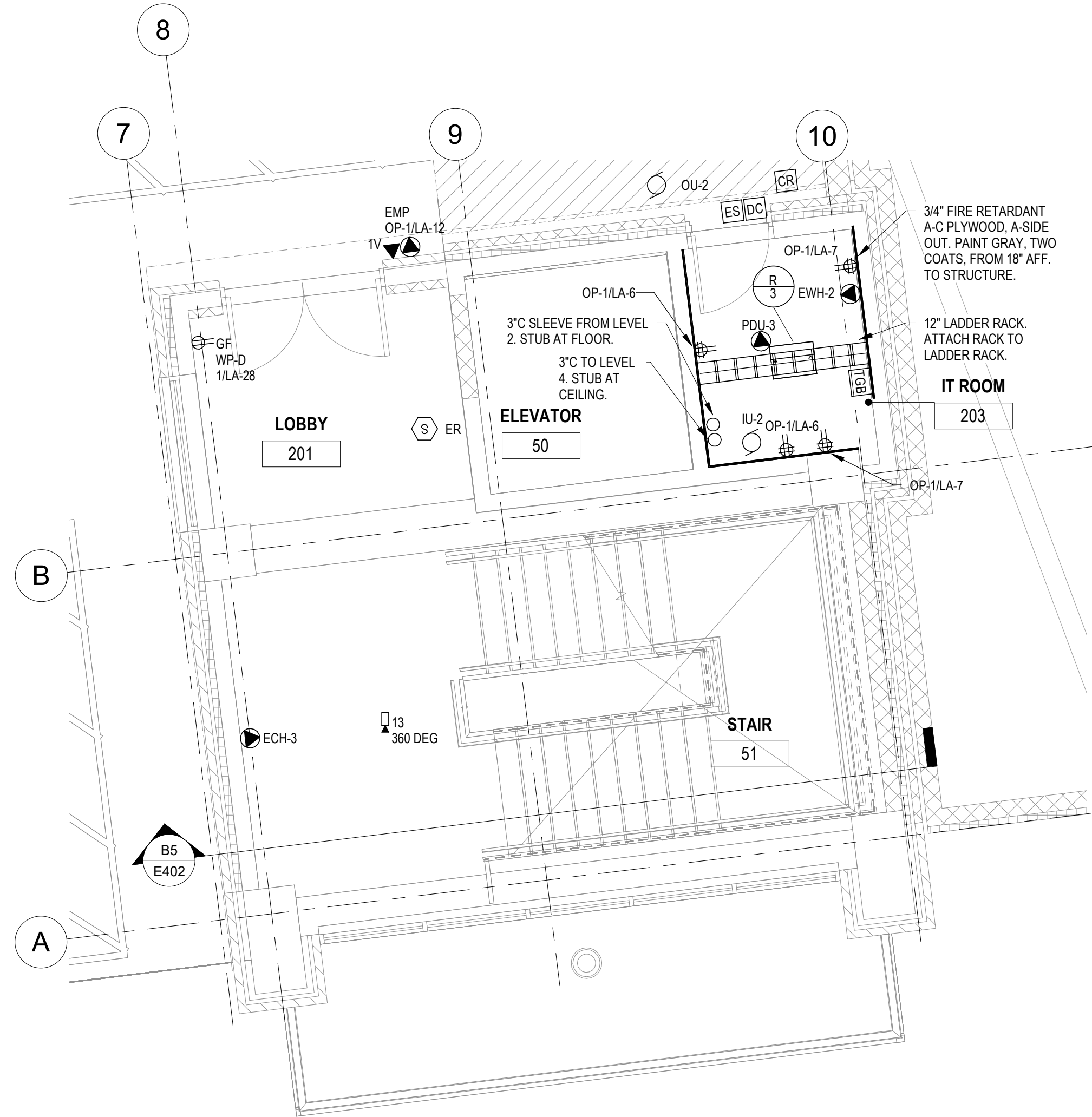


SHEET KEYNOTES

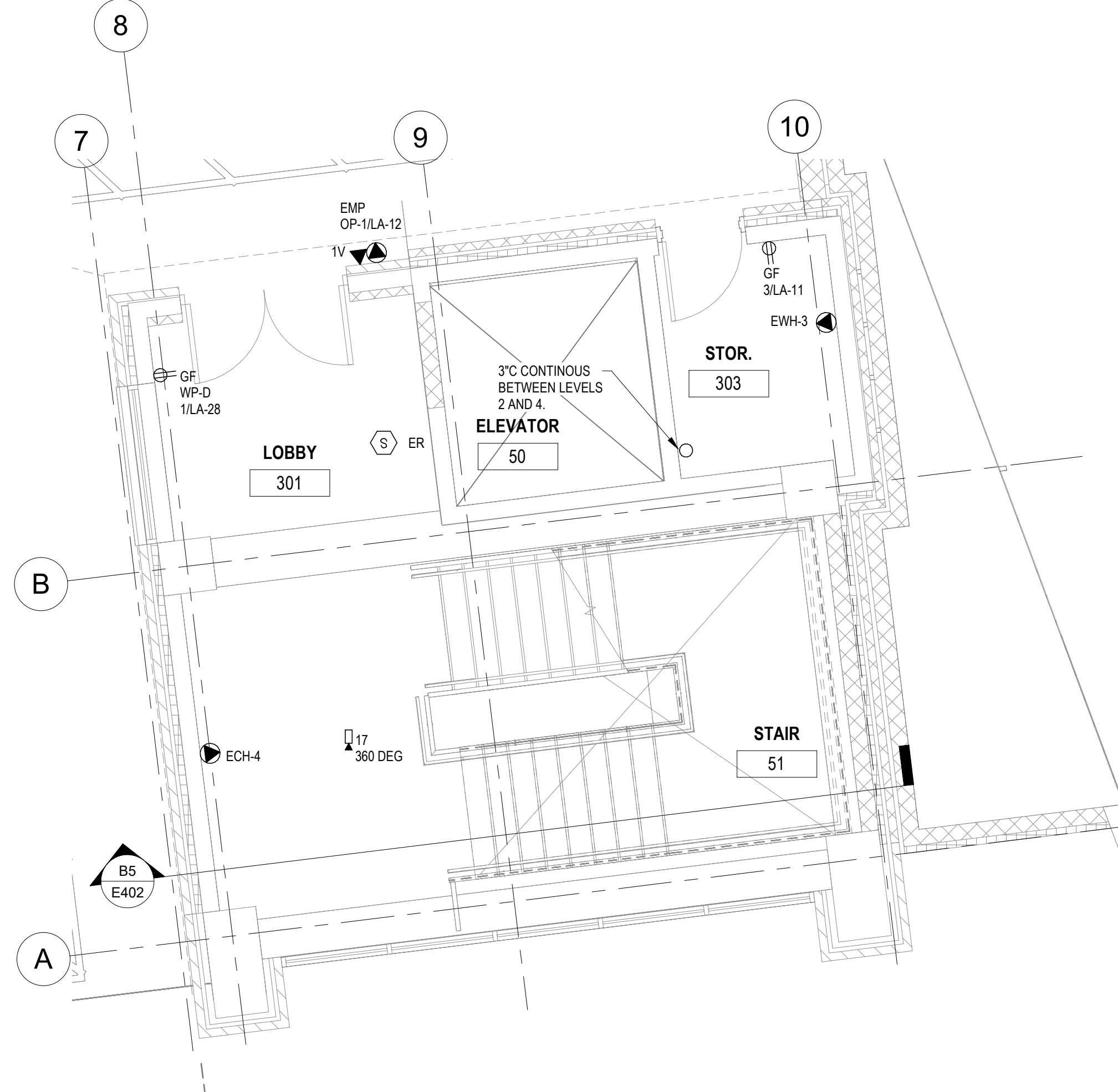
6 HEAT DETECTOR IS REQUIRED IN ELEVATOR SHAFT, LOCATED NEAR ELEVATOR PIT SPRINKLER HEAD. HEAT DETECTOR IS REQUIRED TO INITIATE ELEVATOR SHUT-DOWN SEQUENCE WHEN ACTIVATED. SEE ELEVATOR WIRING DIAGRAM A3/E501 FOR ADDITIONAL INFORMATION.



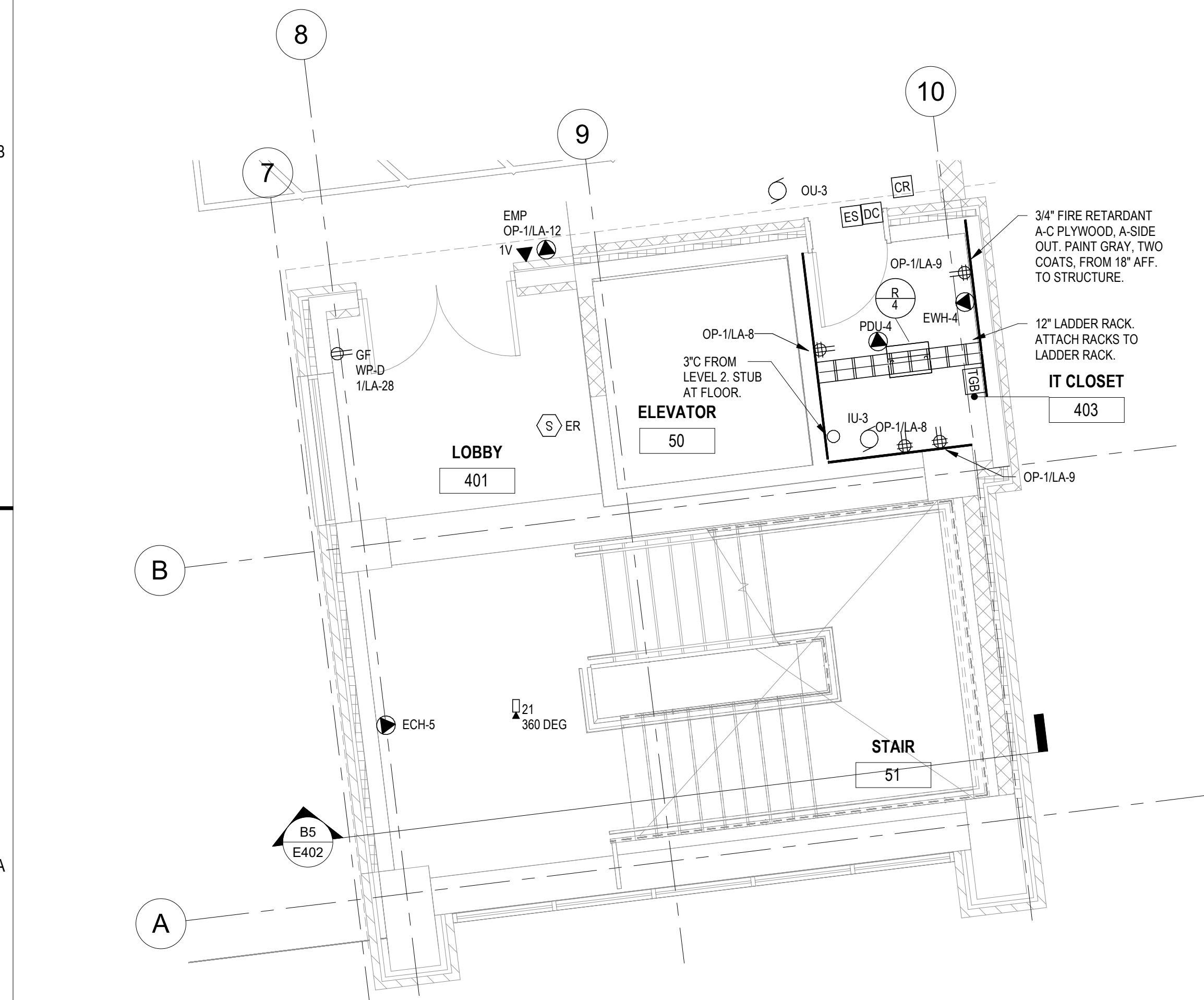
B1 ENLARGED POWER & SYSTEMS STAIR 51 LEVEL ONE PLAN
1/4" = 1'-0"



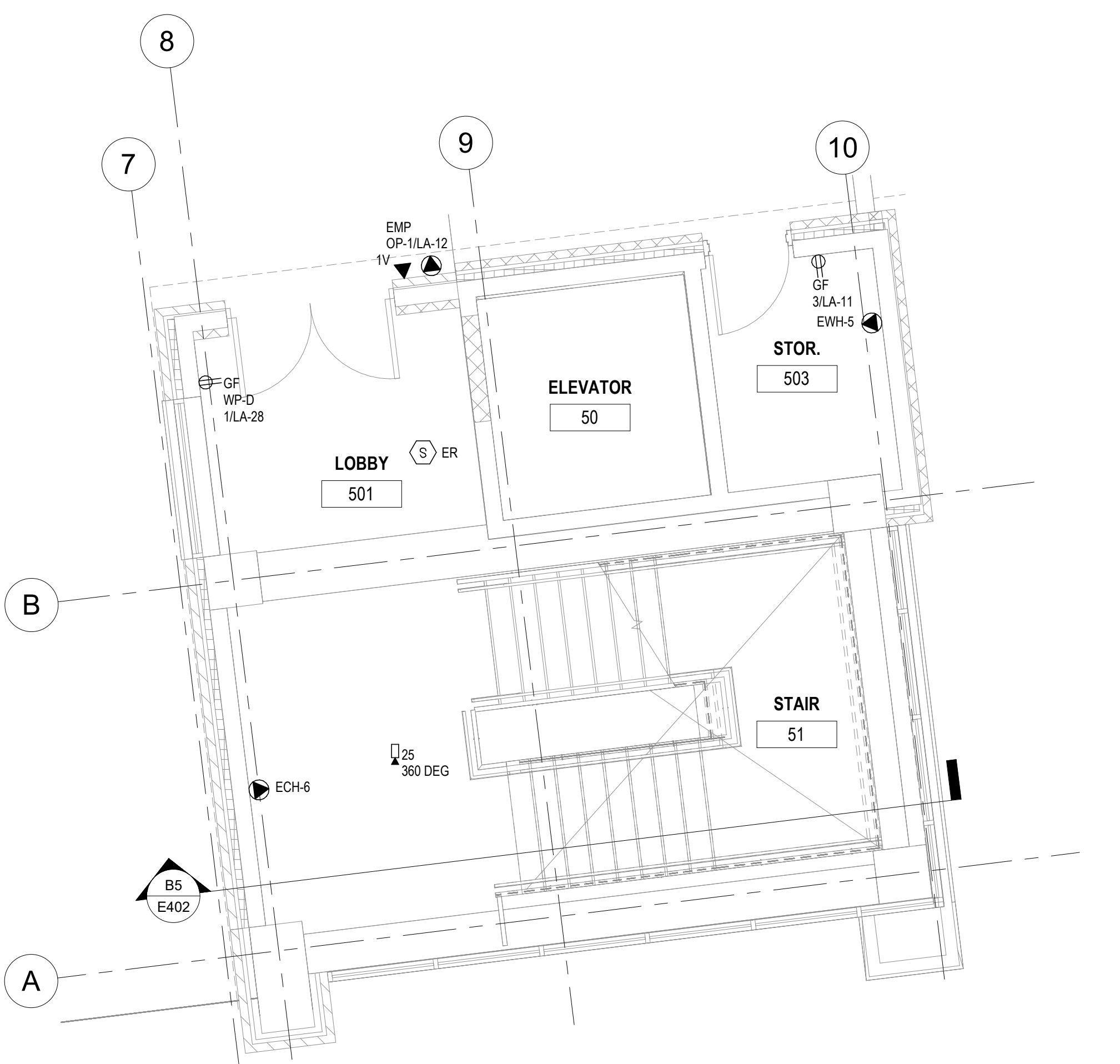
B3 ENLARGED POWER & SYSTEMS STAIR 51 LEVEL TWO PLAN
1/4" = 1'-0"



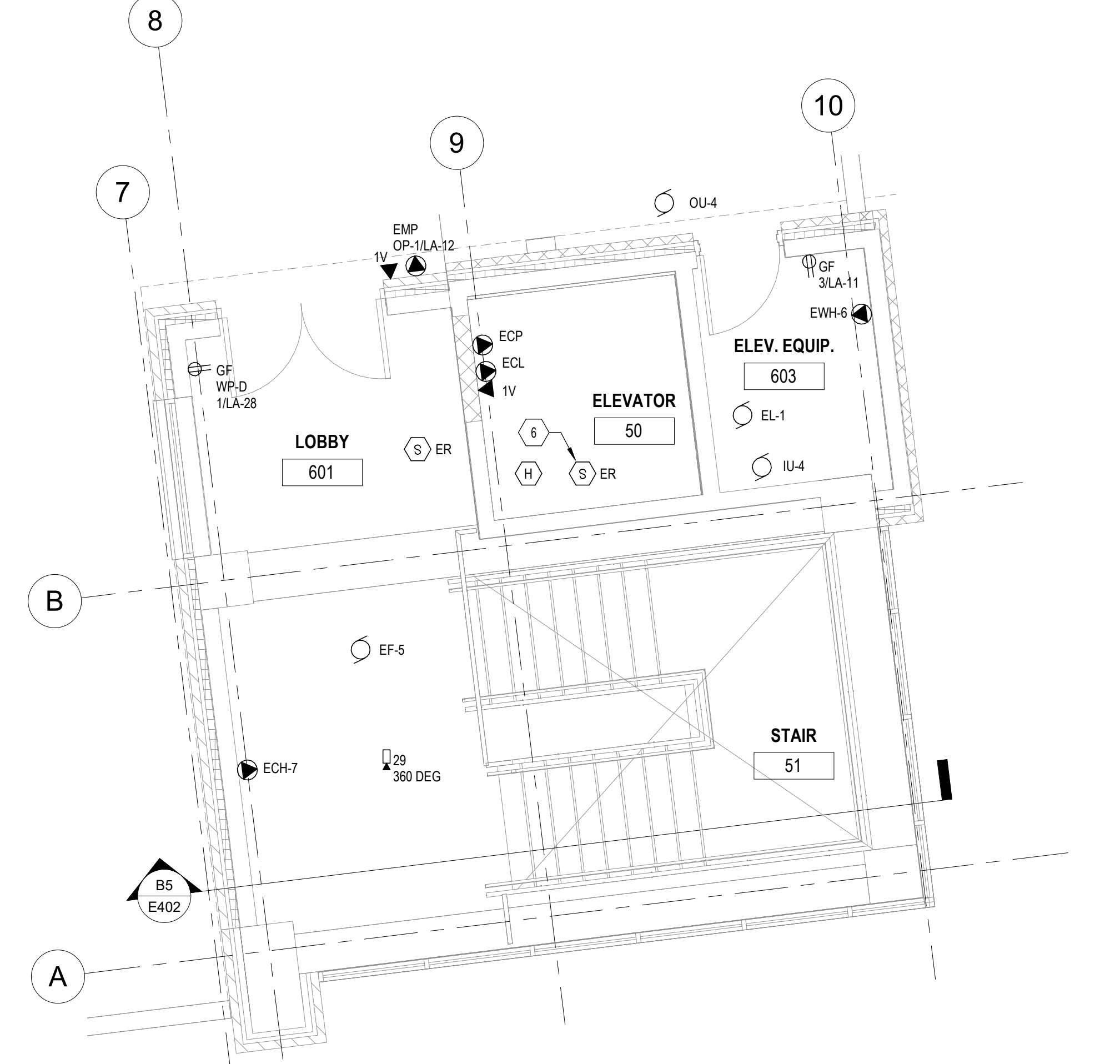
B5 ENLARGED POWER & SYSTEMS STAIR 51 LEVEL THREE PLAN
1/4" = 1'-0"



A1 ENLARGED POWER & SYSTEMS STAIR 51 LEVEL FOUR PLAN
1/4" = 1'-0"



A3 ENLARGED POWER & SYSTEMS STAIR 51 LEVEL FIVE PLAN
1/4" = 1'-0"



A5 ENLARGED POWER & SYSTEMS STAIR 51 LEVEL SIX PLAN
1/4" = 1'-0"

Autodesk Docs://20225013.00 - Village on Park Garage/2022-5013-E22.nt
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GENERAL SHEET NOTES

A. SEE DETAIL SHEETS FOR TELCOM WIRING INFORMATION.

SHEET KEYNOTES

- 5 CONCRETE HOUSEKEEPING PAD. PROVIDE 3-1/2" HIGH WITH MINIMUM 4" OVERLAP ON FRONT AND SIDES.
7 WIREWAY IS LOCATED BELOW CIRCUIT BREAKERS SEE SHEET E701 FOR WIREWAY INFORMATION.
8 CHAIN HANG LIGHT FIXTURE IN THIS ROOM AS CLOSE TO UNDERSIDE OF EXPOSED STRUCTURE AS POSSIBLE. COORDINATE EXACT LOCATION WITH PIPING AND DUCTWORK IN THIS ROOM.

GRāEF

1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550

www.graef-usa.com

CLIENT:

Community Development Authority of
the City of Madison



Madison Municipal Building
215 Martin Luther King Jr Blvd
Suite 161
Madison, WI 53703

PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023 BID DOCUMENTS

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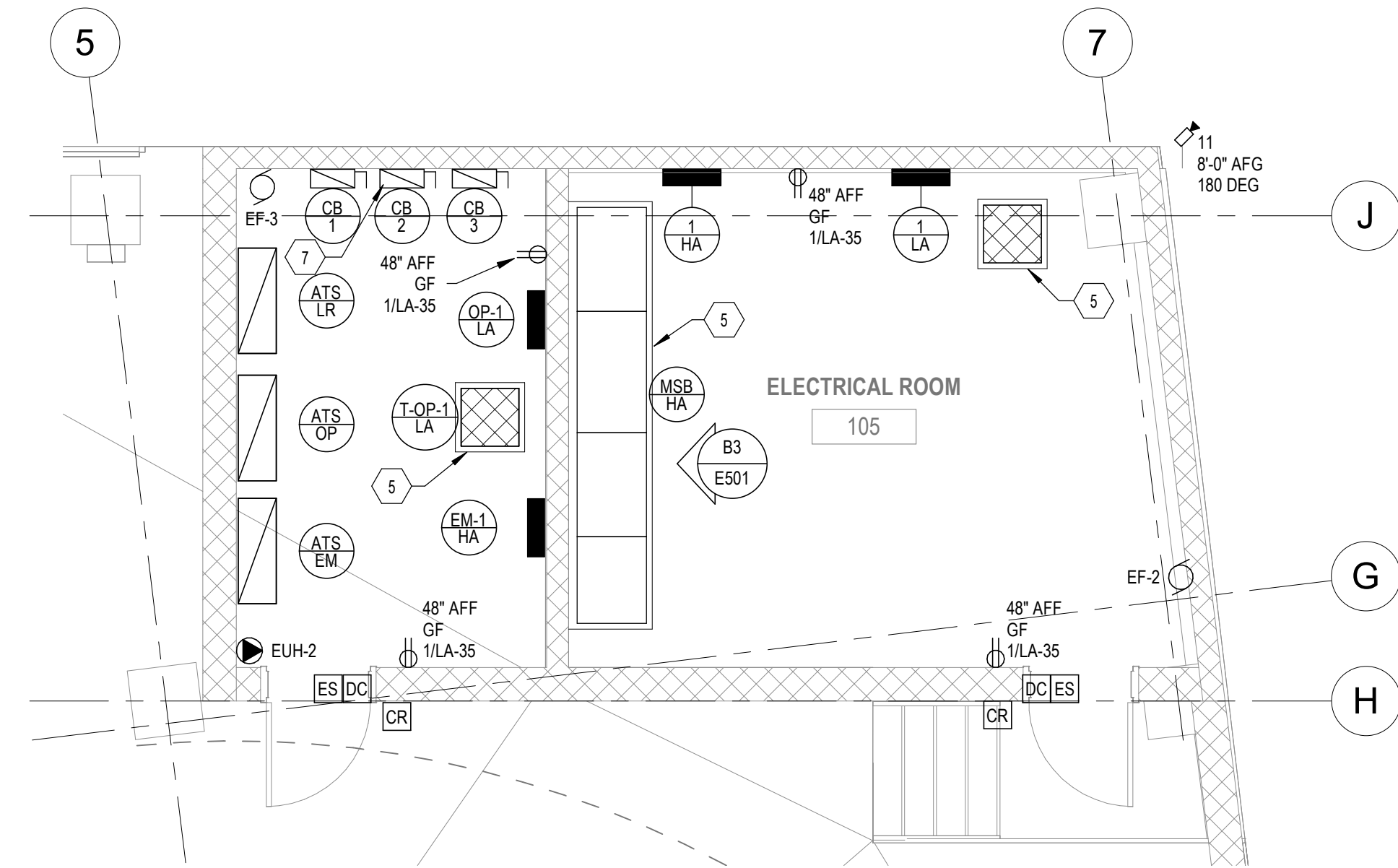
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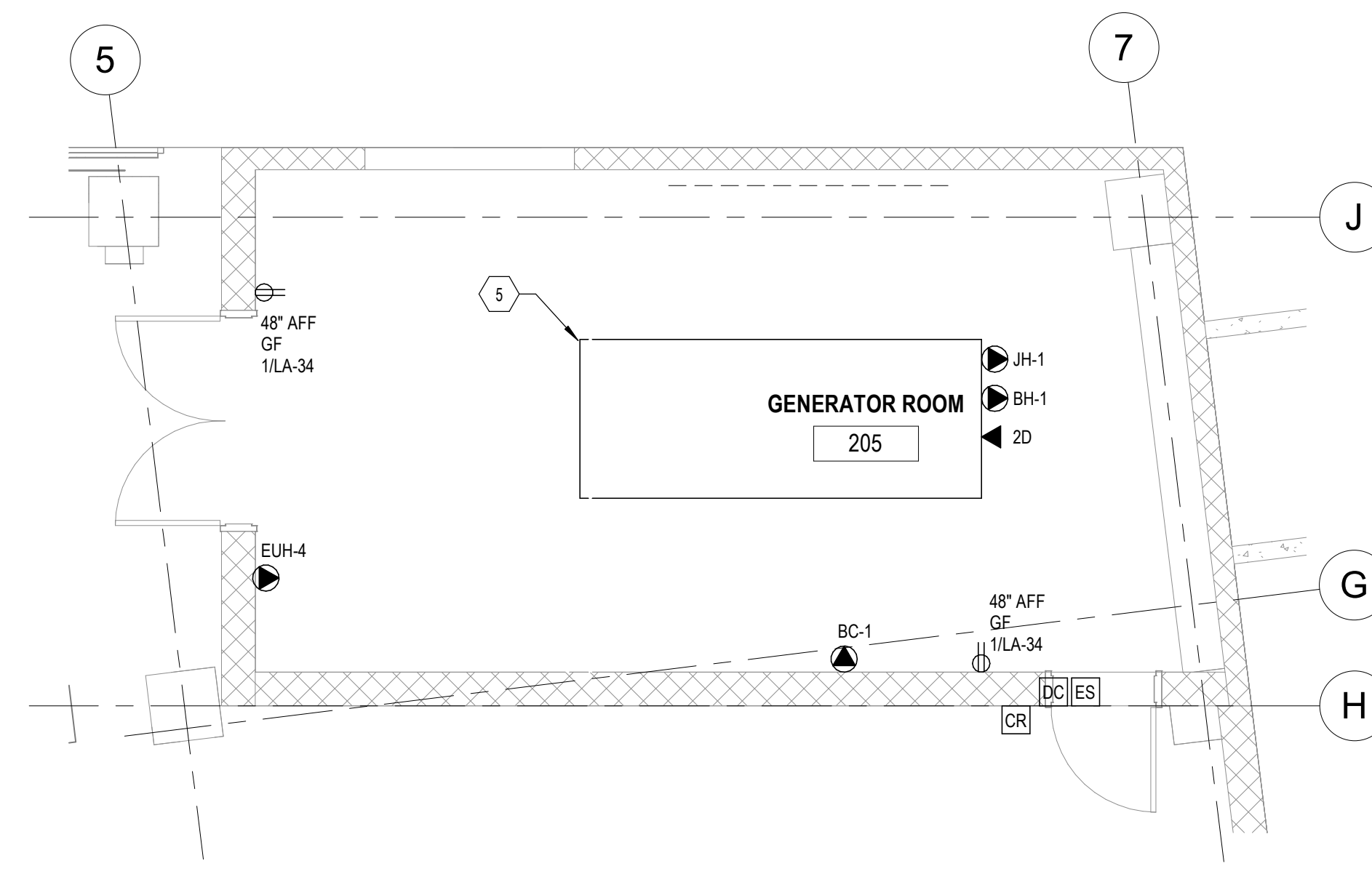
ENLARGED PLANS

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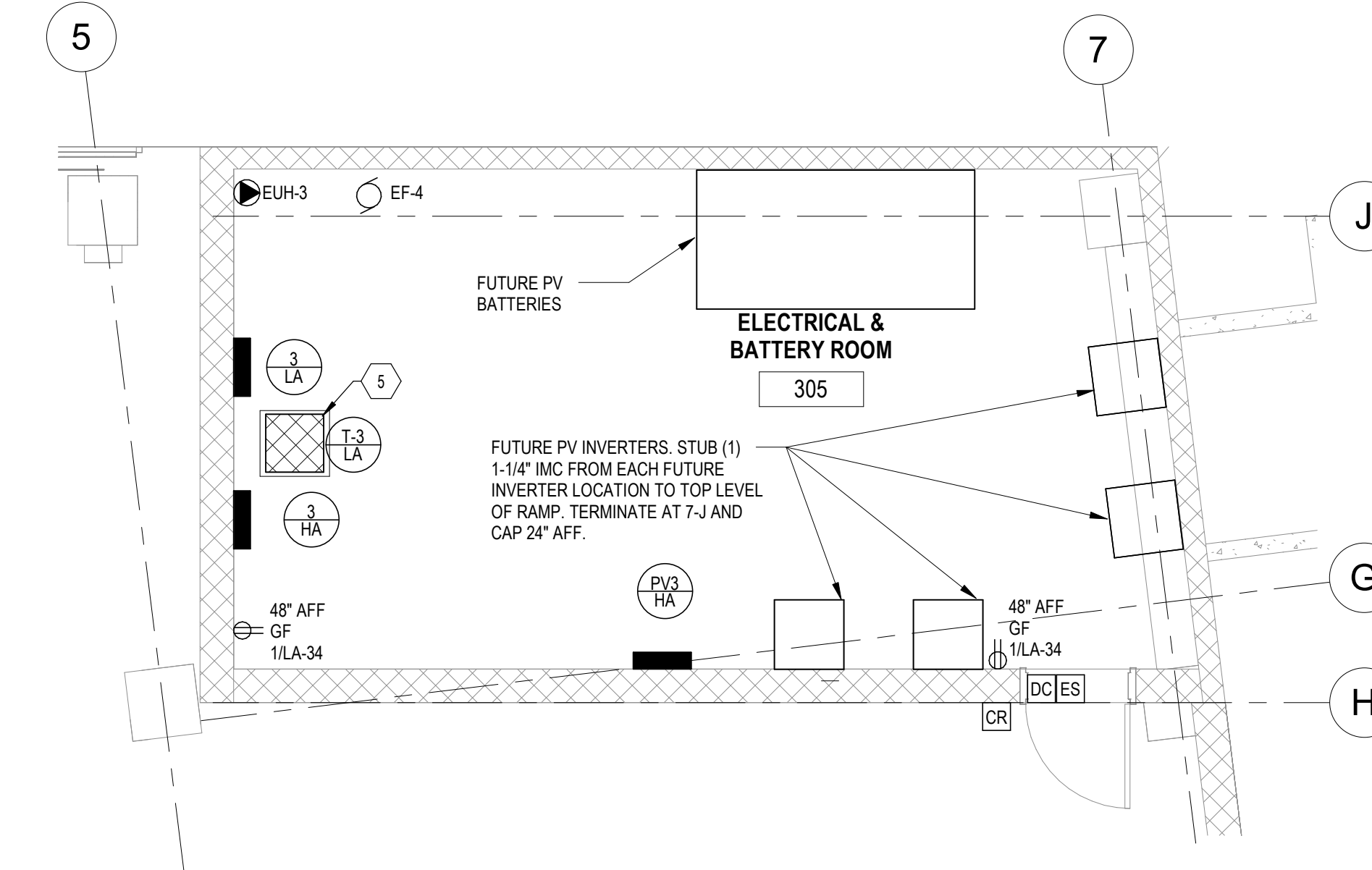
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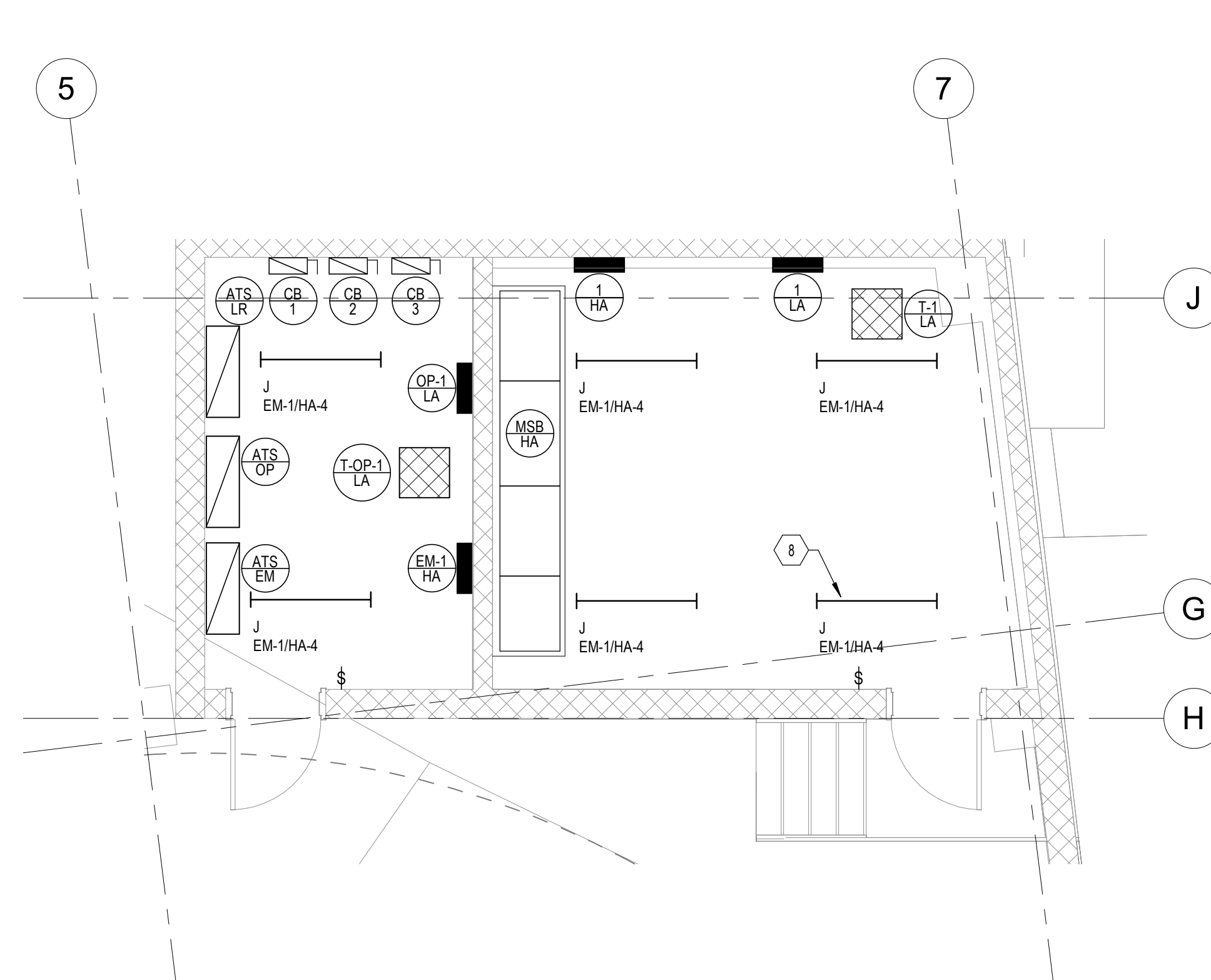
C1 ENLARGED POWER & SYSTEMS
MAIN ELECTRICAL LEVEL ONE PLAN
1/4" = 1'-0"



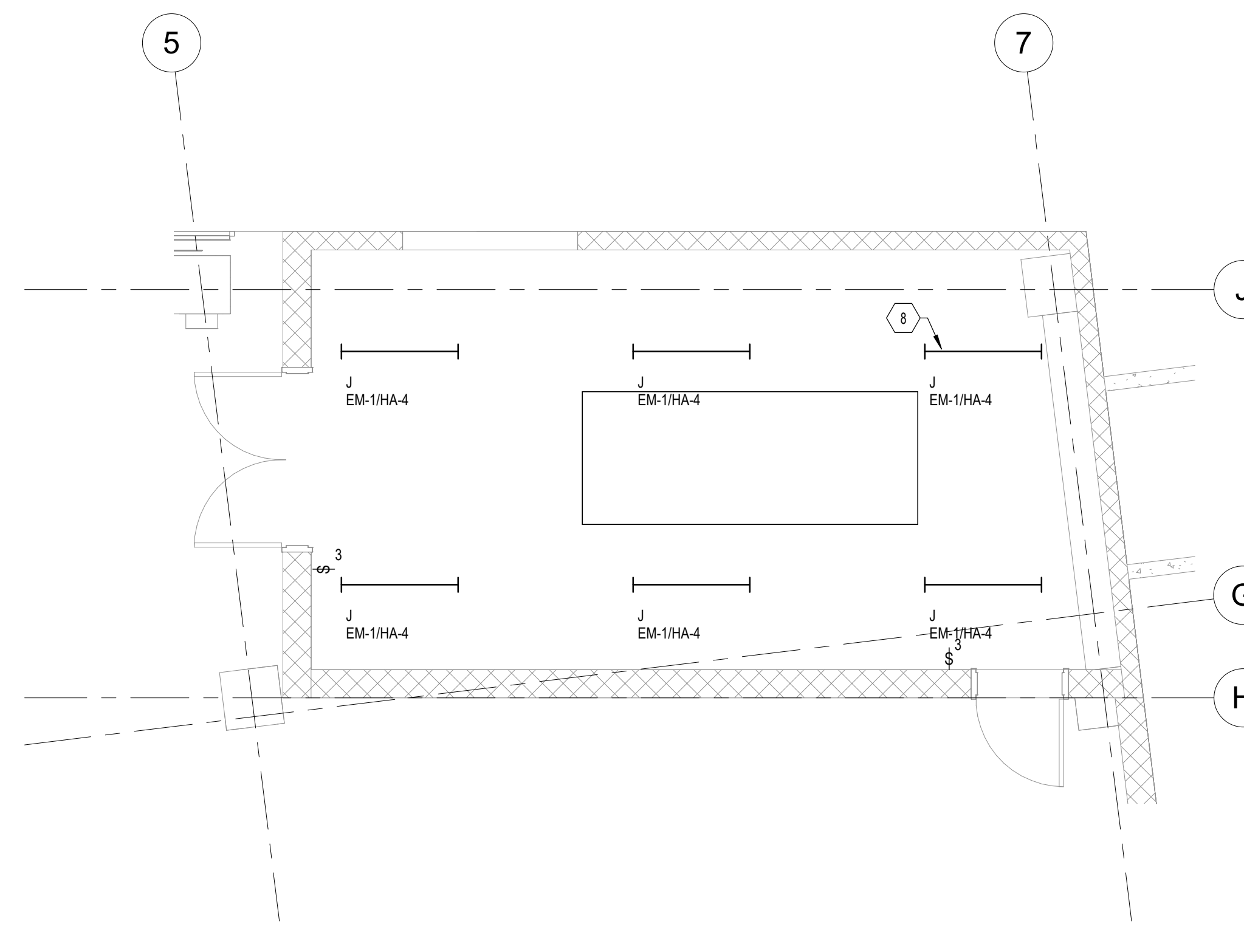
C3 ENLARGED POWER & SYSTEMS
GENERATOR ROOM LEVEL TWO
PLAN
1/4" = 1'-0"



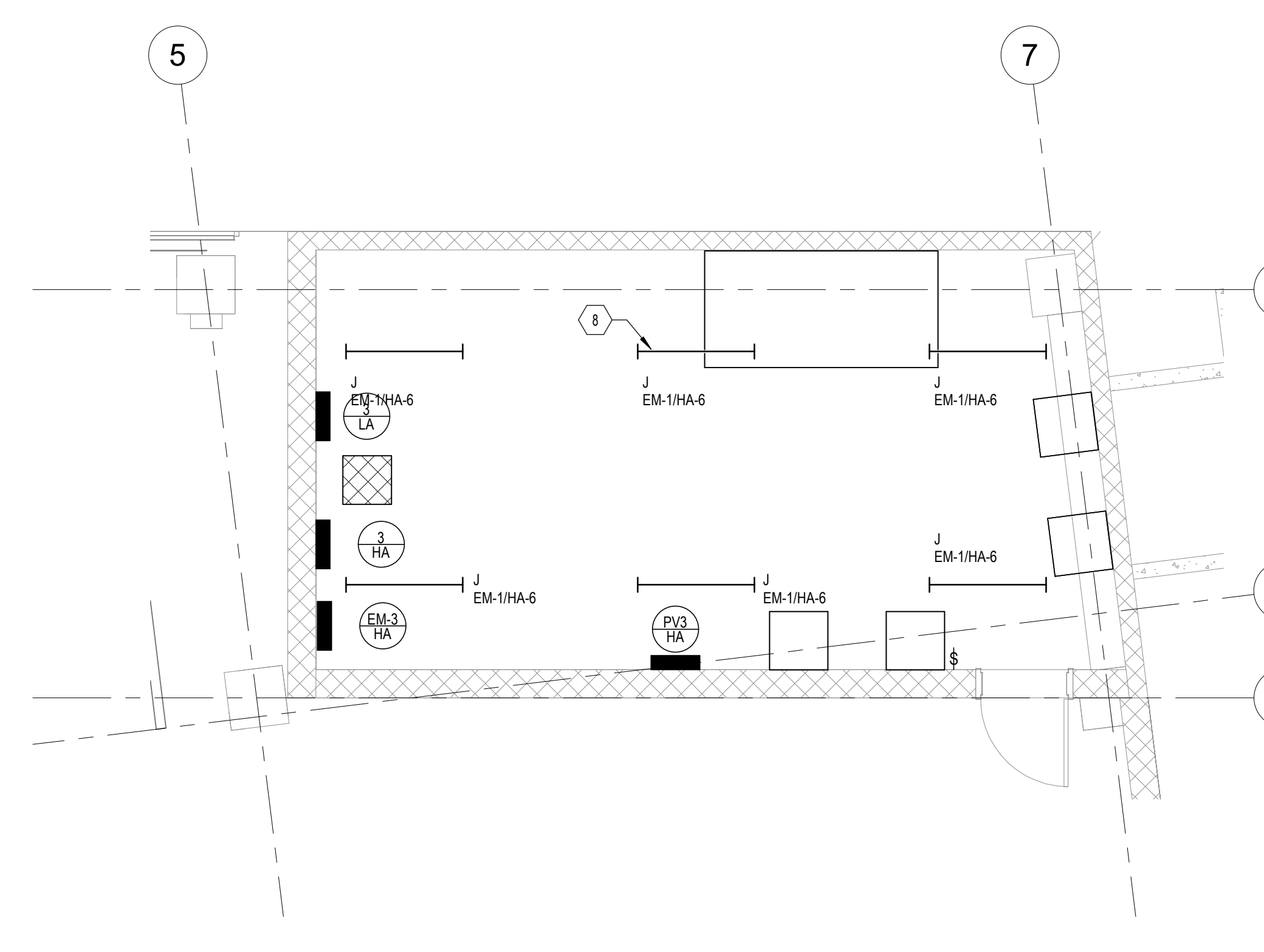
C5 ENLARGED POWER & SYSTEMS
ELECTRICAL ROOM LEVEL THREE
PLAN
1/4" = 1'-0"



B1 ENLARGED LIGHTING MAIN ELECTRICAL LEVEL ONE PLAN
1/4" = 1'-0"



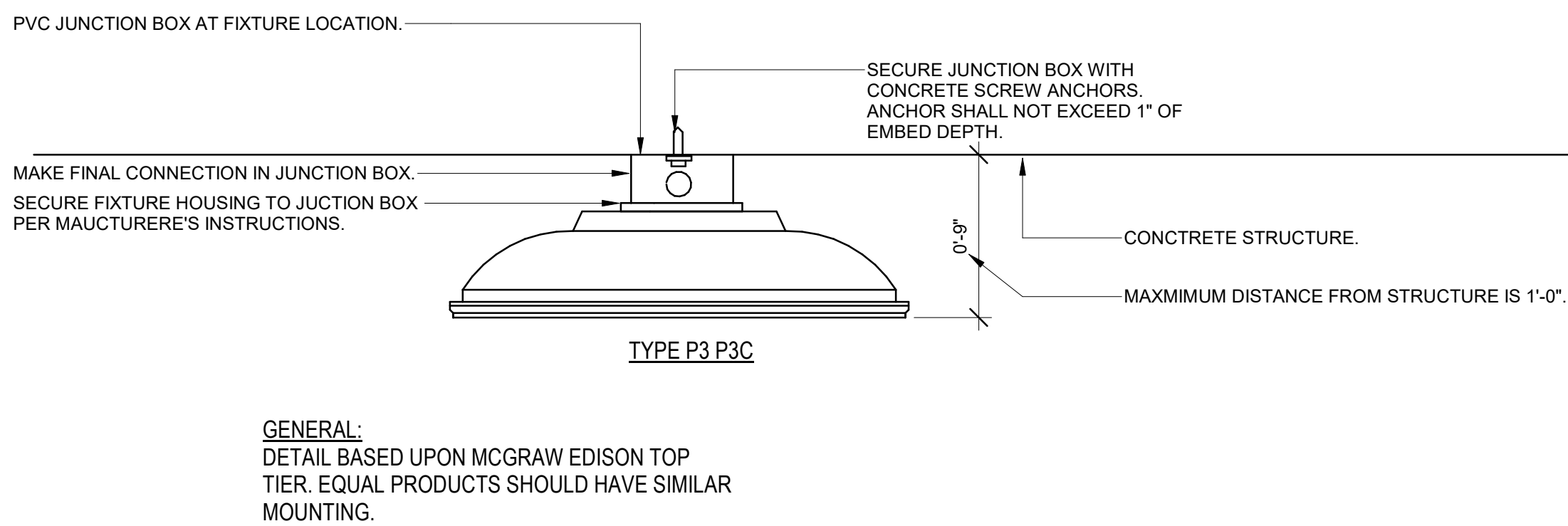
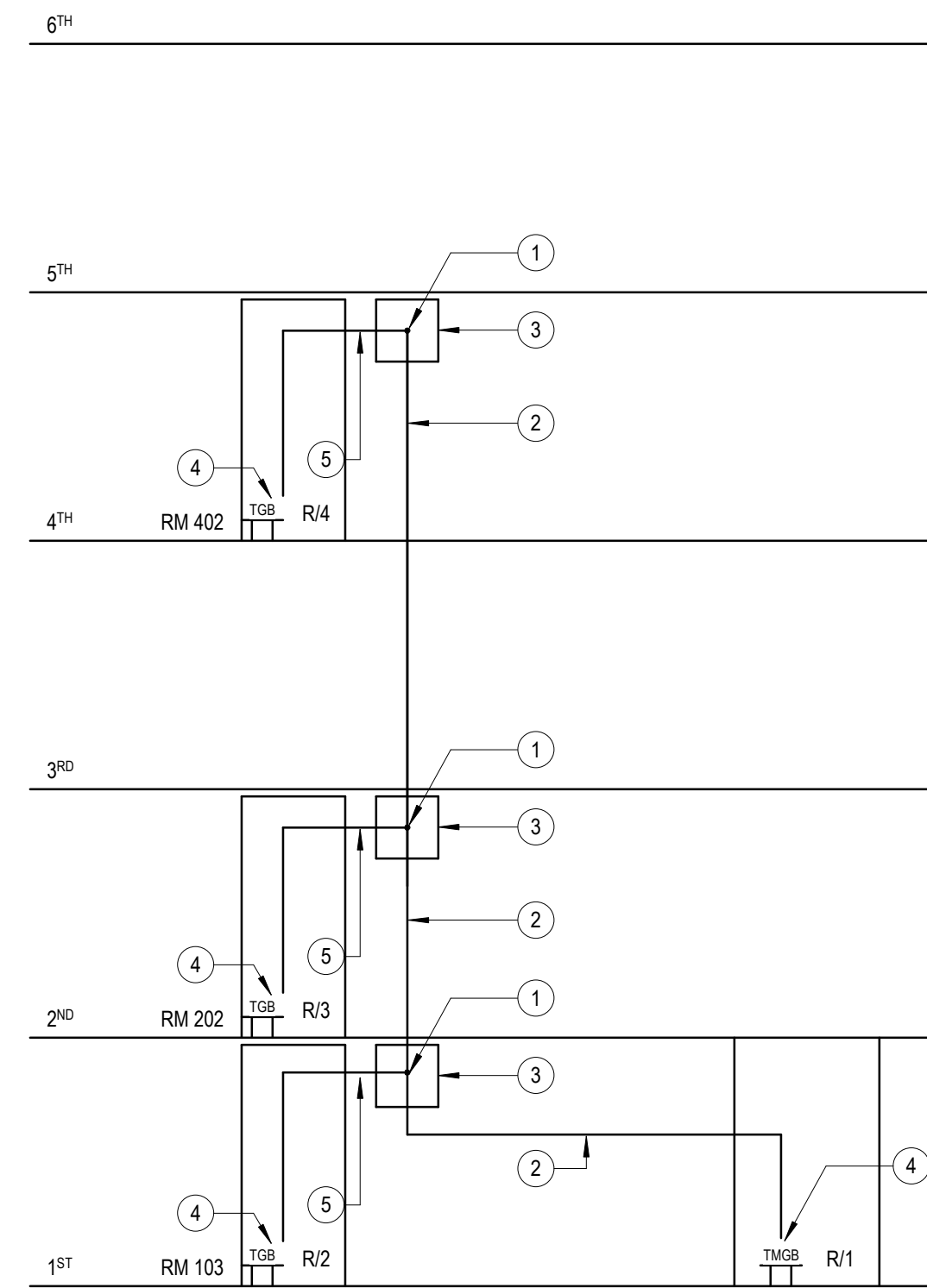
B3 ENLARGED LIGHTING GENERATOR ROOM LEVEL TWO PLAN
1/4" = 1'-0"



B5 ENLARGED LIGHTING ELECTRICAL ROOM LEVEL THREE PLAN
1/4" = 1'-0"

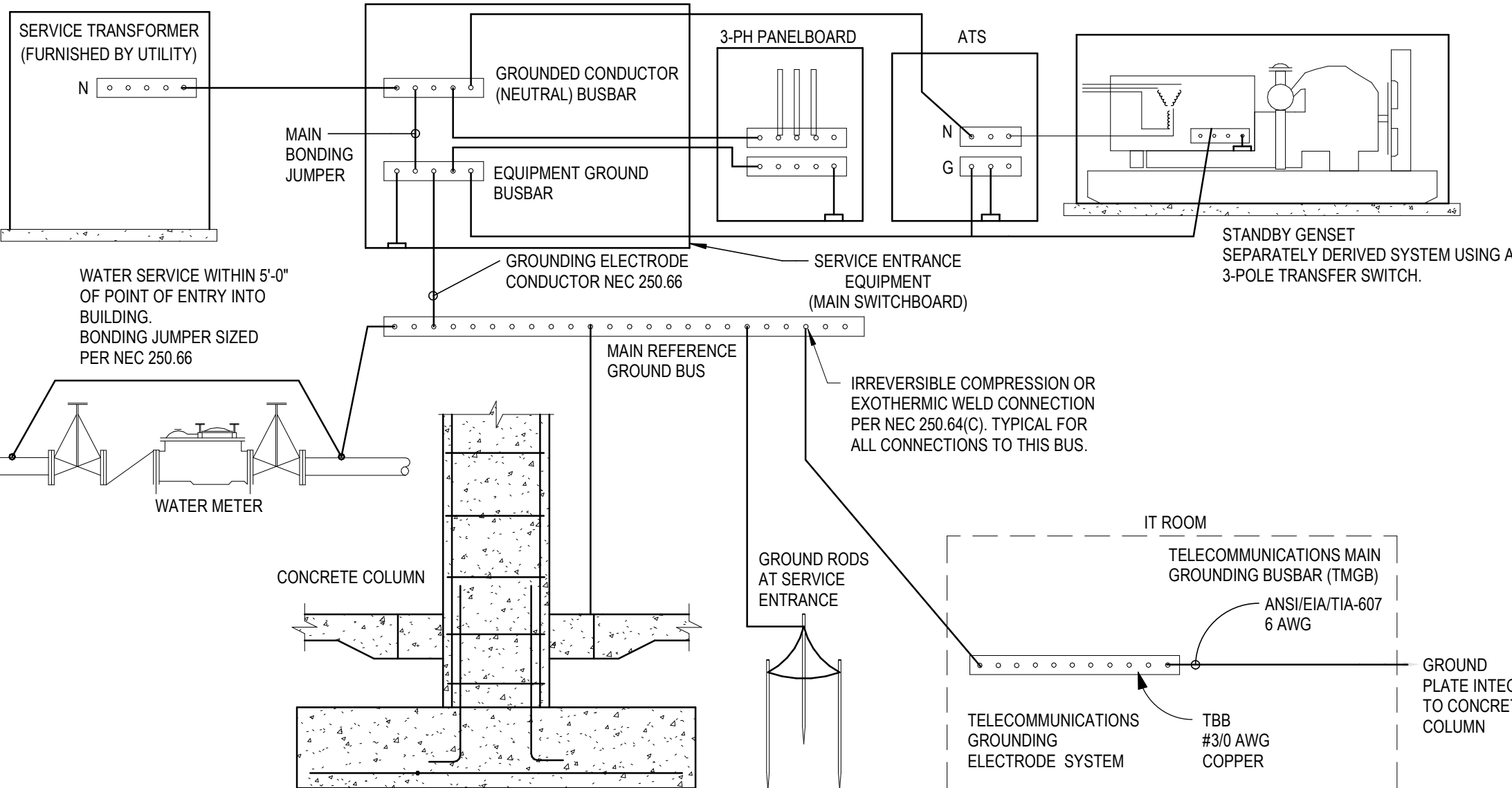


- 1 PROVIDE IRREVERSIBLE HIGH COMPRESSION TAP FITTING WITH TAP CONDUCTOR CONNECTING THE CABINET TO THE GROUNDING BACKBONE. GROUNDING BACKBONE SHALL NOT BE INTERCONNECTED (DAISY CHAINED) BUT RATHER SHALL BE CONTINUOUS.
- 2 PROVIDE #30 AWG GROUNDING BACKBONE CABLING INITIATING FROM TMGB. ALL GROUNDING CONDUCTORS TO BE ROUTED IN 1" CONDUIT.
- 3 PROVIDE 12x12x6" NEMA 4X STAINLESS STEEL BOX FOR HOUSING GROUNDING BACKBONE TAP FOR GROUNDING THE TAP CONDUCTOR TO THE GROUNDING BACKBONE.
- 4 #30 AWG GROUNDING CONDUCTOR TO BE BONDED TO THE INTERIOR OF THE TELECOMMUNICATIONS RACK UTILIZING #30 COMPRESSION LUGS. SEE DETAILS B5 AND AS ON SHEET E502.
- 5 PROVIDE #30 AWG GROUNDING BACKBONE CABLING INITIATING FROM GROUNDING BACKBONE. ALL GROUNDING CONDUCTORS TO BE ROUTED IN 1" CONDUIT.

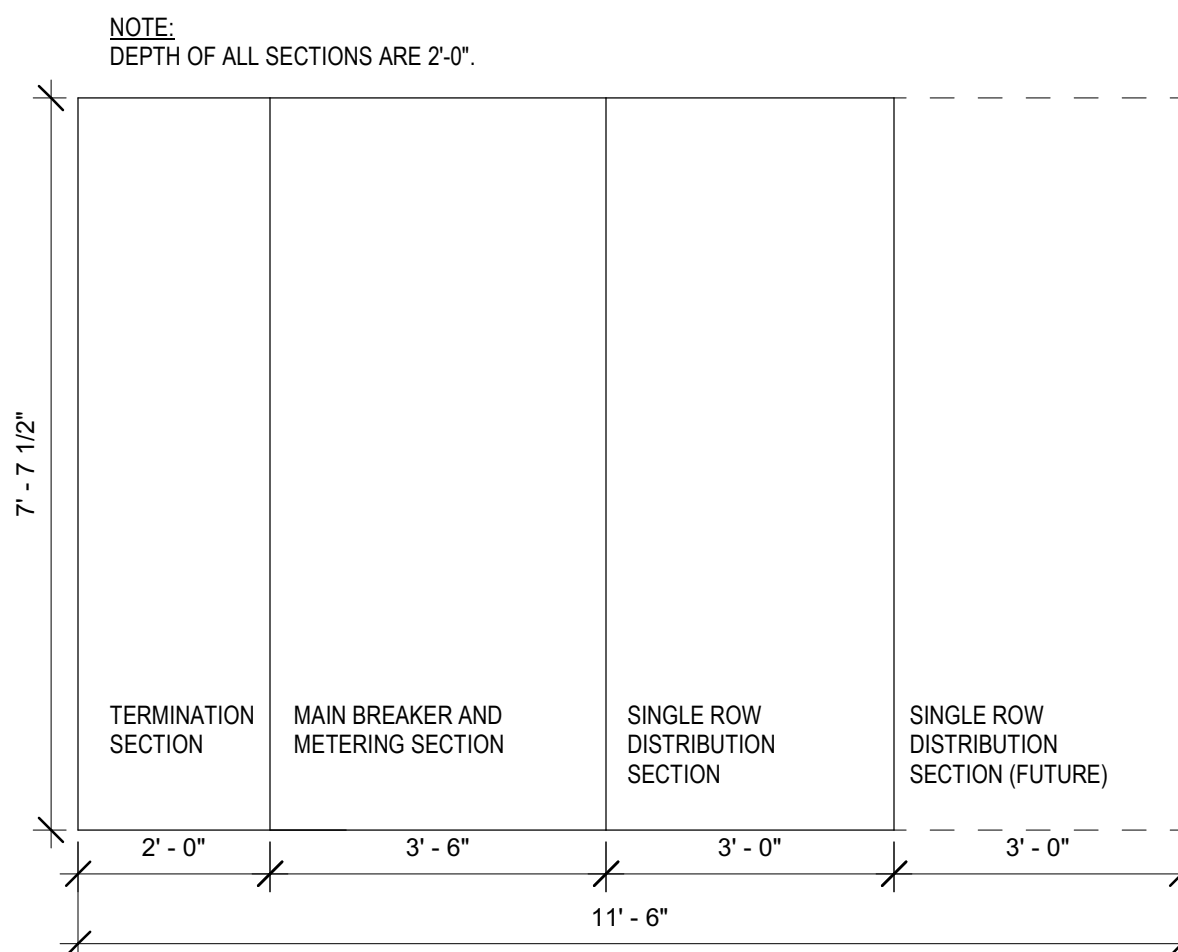


C1 GROUNDING RISER
3" = 1'-0"

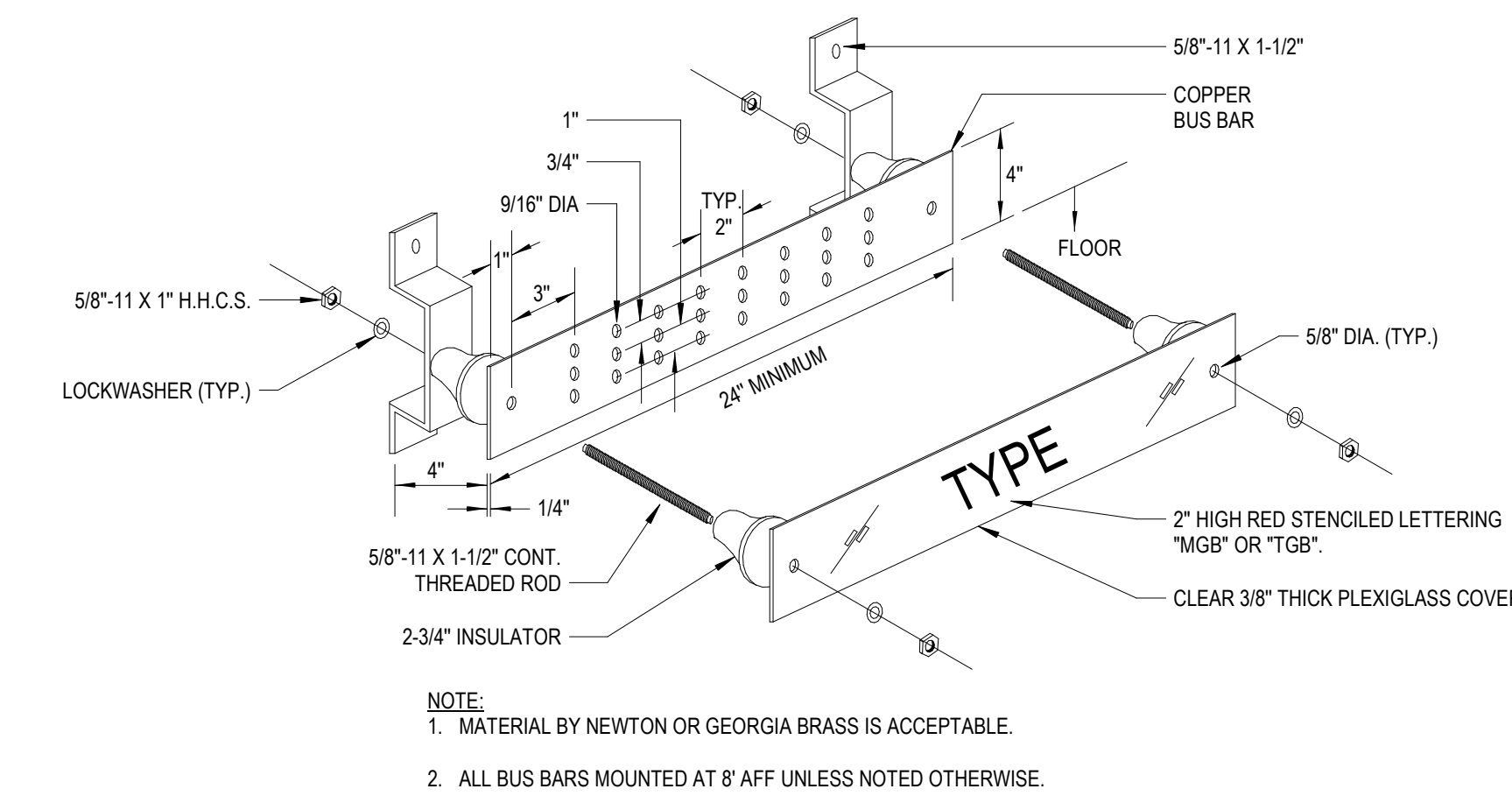
C2 LIGHT FIXTURE MOUNTING DETAIL
NOT TO SCALE



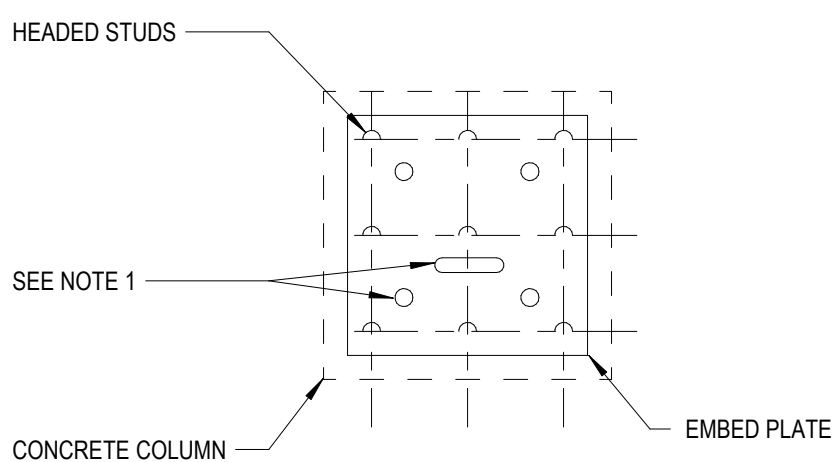
B1 GROUNDING RISER DIAGRAM
12" = 1'-0"



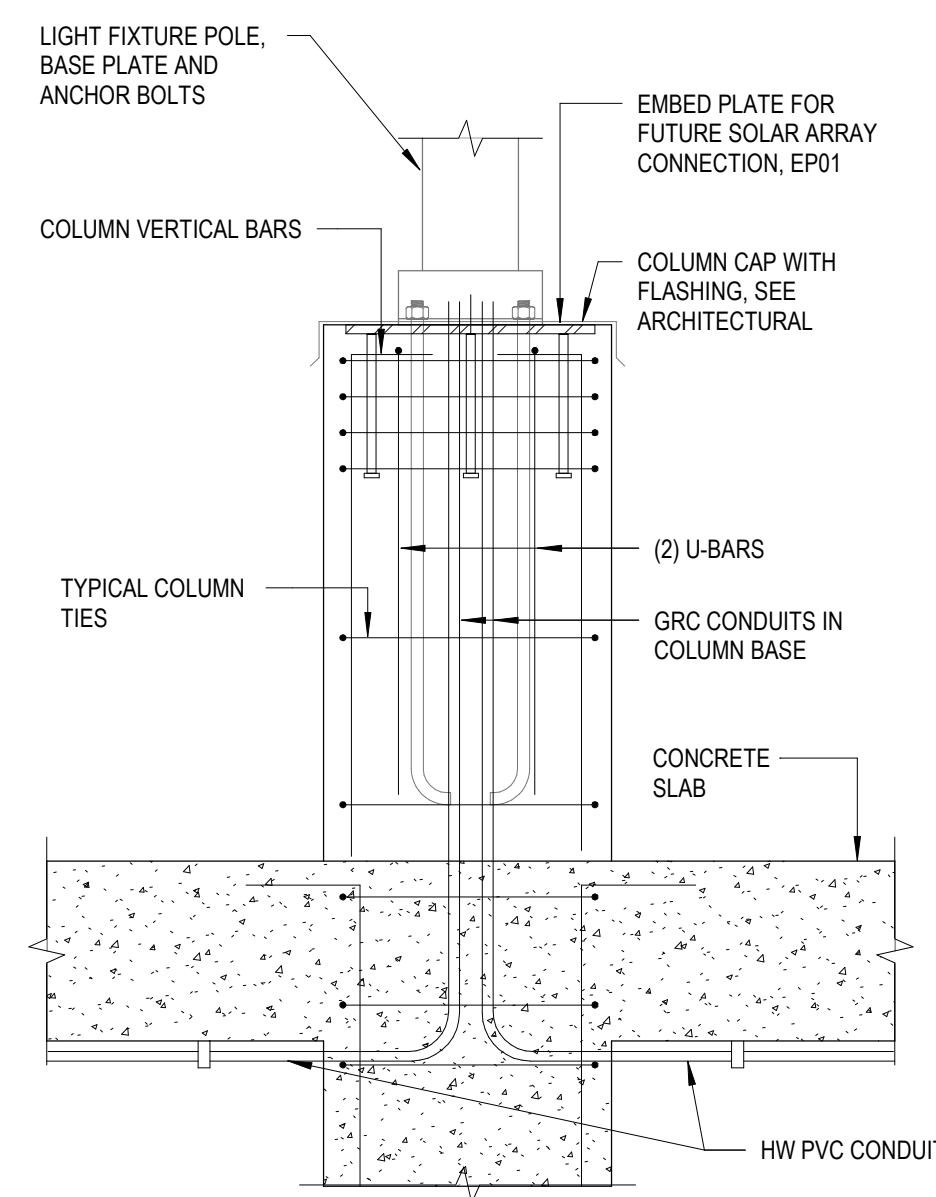
B3 MAIN SWITCHBOARD MSB/HA - ELEVATION
NOT TO SCALE



B4 GROUND BUS
NTS



PLAN DETAIL

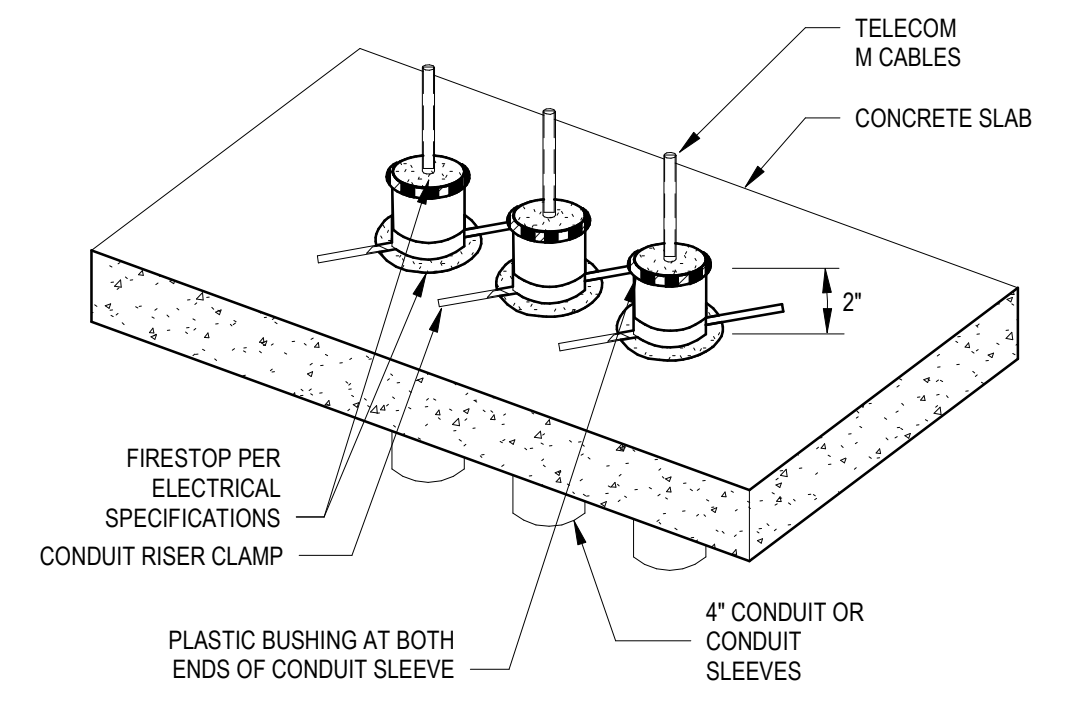


SECTION AT TOP OF COLUMN

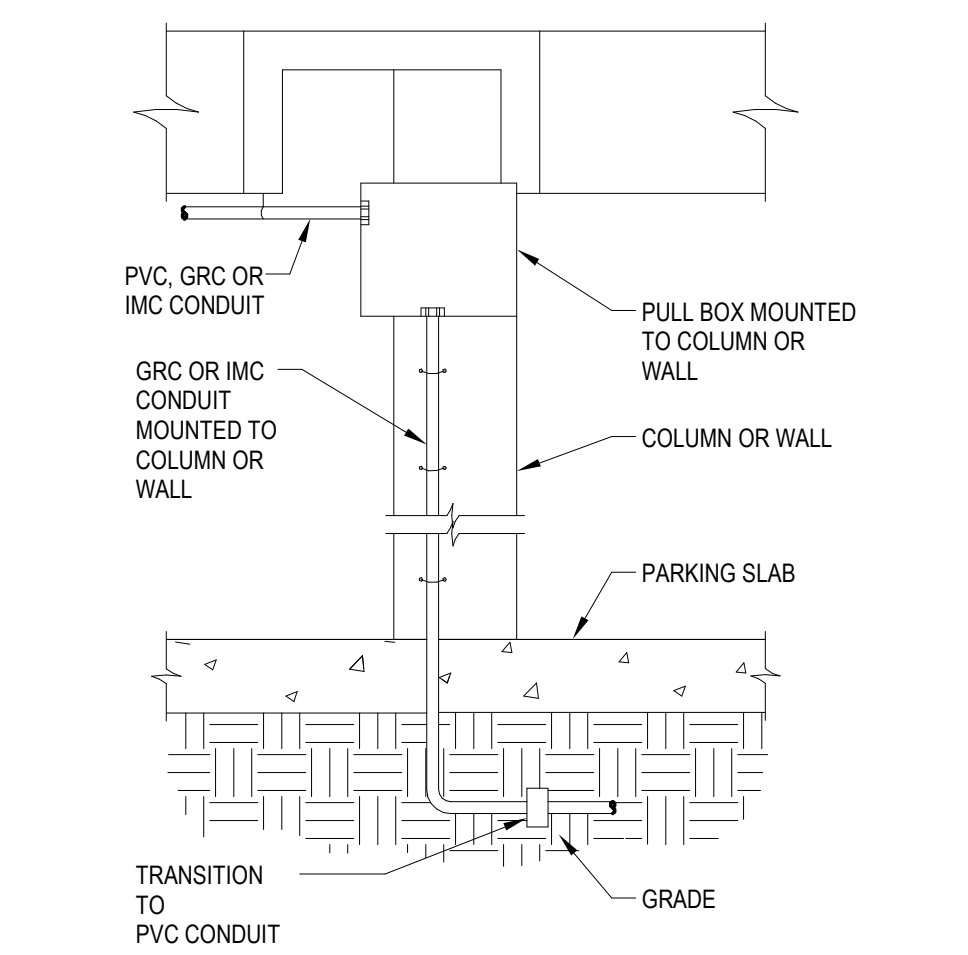
NOTE 1:
COORDINATE SIZES AND LOCATIONS OF HOLES WITH STRUCTURAL SUBCONTRACTOR.

LIGHT FIXTURE POLE COLUMN
BASE DETAIL

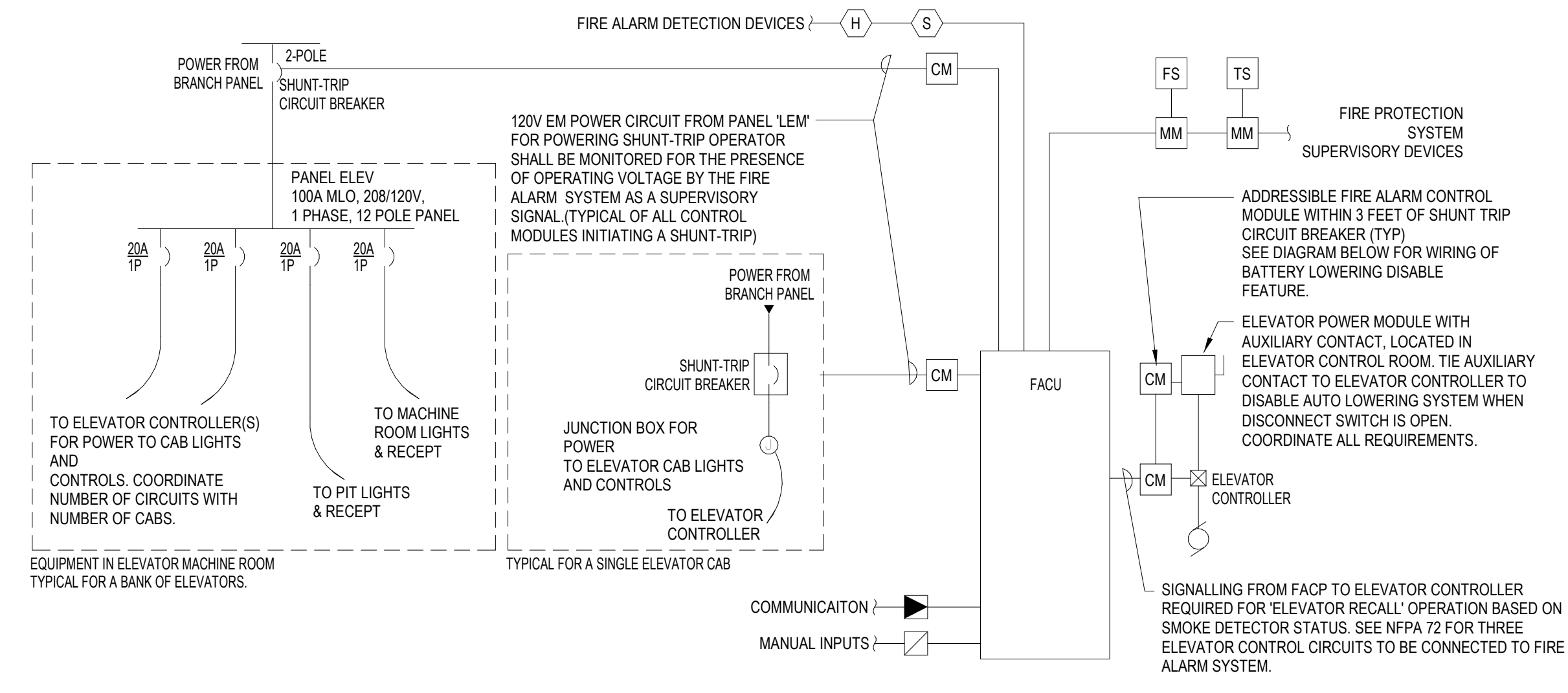
B6
NTS



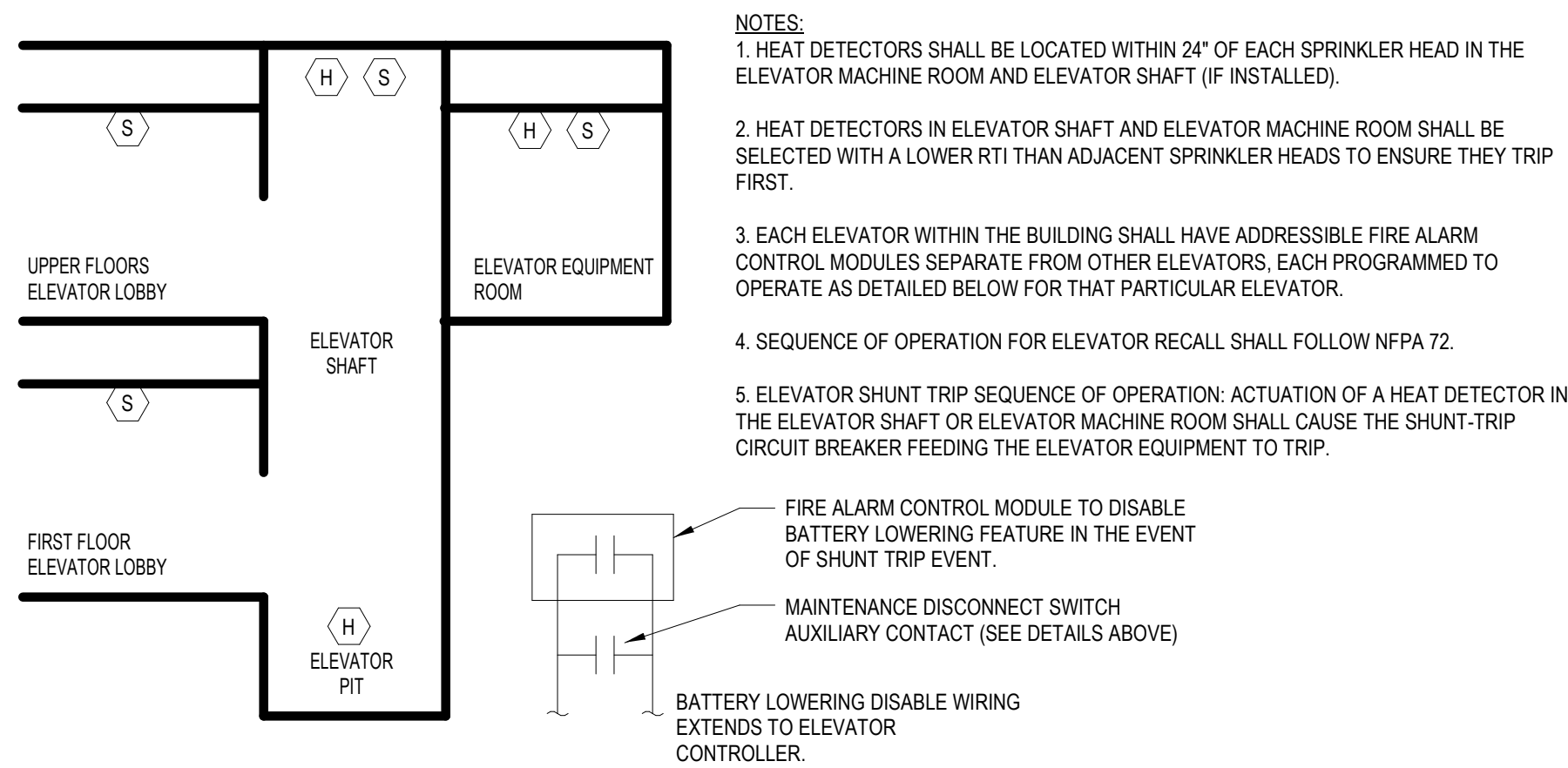
A1 CONDUIT THRU SLAB DETAIL
12" = 1'-0"



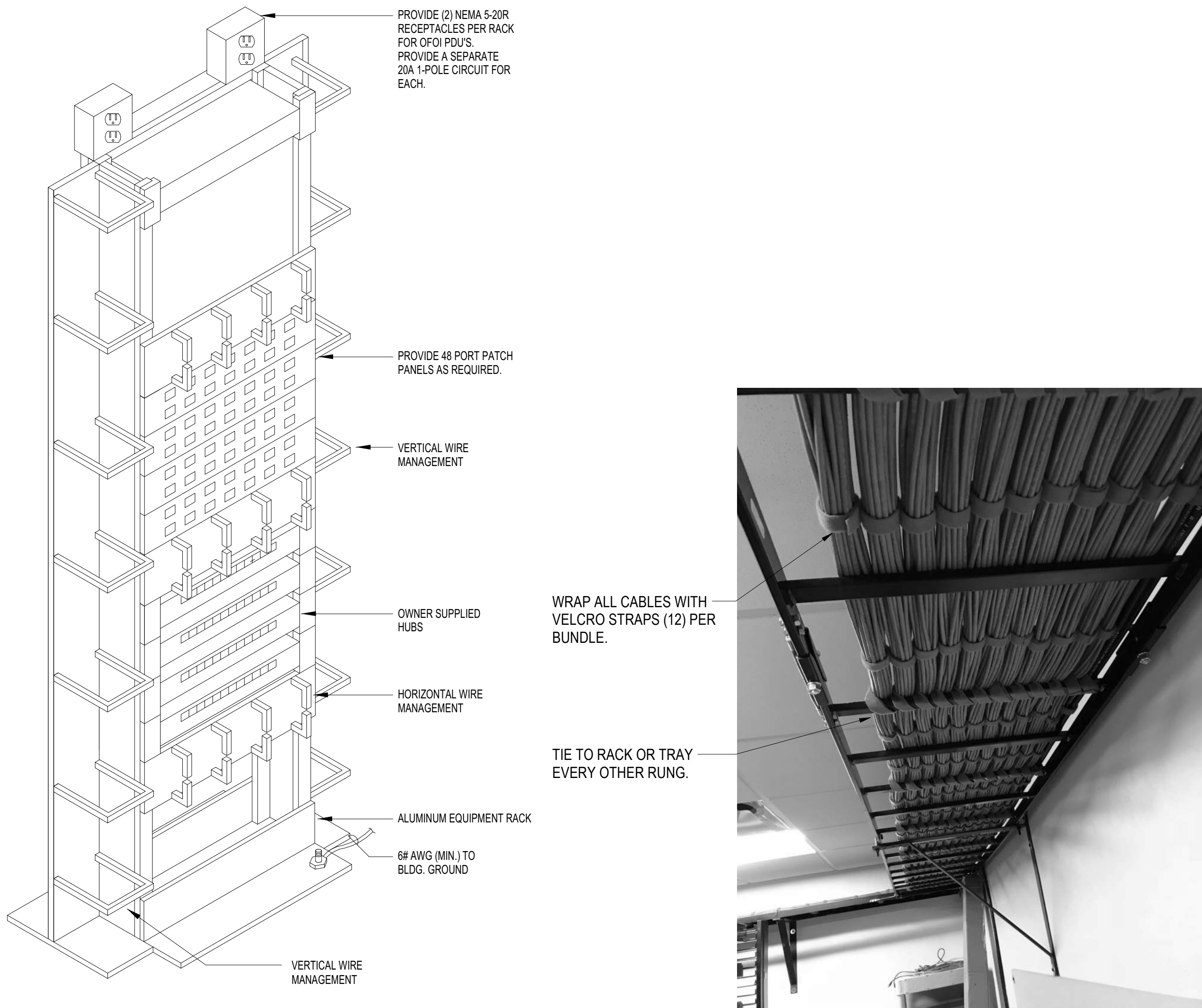
A2 CONDUIT TRANSITION DETAIL
12" = 1'-0"



A3 FIRE ALARM SYSTEM SCHEMATIC - ELEV - SHUNT TRIP
12" = 1'-0"



NOTES:
1. HEAT DETECTORS SHALL BE LOCATED WITHIN 24" OF EACH SPRINKLER HEAD IN THE ELEVATOR MACHINE ROOM AND ELEVATOR SHAFT (IF INSTALLED).
2. HEAT DETECTORS IN ELEVATOR SHAFT AND ELEVATOR MACHINE ROOM SHALL BE SELECTED WITH A LOWER RTI THAN ADJACENT SPRINKLER HEADS TO ENSURE THEY TRIP FIRST.
3. EACH ELEVATOR WITHIN THE BUILDING SHALL HAVE ADDRESSIBLE FIRE ALARM CONTROL MODULES SEPARATE FROM OTHER ELEVATORS. EACH PROGRAMMED TO OPERATE AS DETAILED BELOW FOR THAT PARTICULAR ELEVATOR.
4. SEQUENCE OF OPERATION FOR ELEVATOR RECALL SHALL FOLLOW NFPA 72.
5. ELEVATOR SHUNT TRIP SEQUENCE OF OPERATION: ACTUATION OF A HEAT DETECTOR IN THE ELEVATOR SHAFT OR ELEVATOR MACHINE ROOM SHALL CAUSE THE SHUNT-TRIP CIRCUIT BREAKER FEEDING THE ELEVATOR EQUIPMENT TO TRIP.
FIRE ALARM CONTROL MODULE TO DISABLE BATTERY LOWERING FEATURE IN THE EVENT OF SHUNT TRIP EVENT.
MAINTENANCE DISCONNECT SWITCH EXTENDS TO ELEVATOR CONTROLLER.
BATTERY LOWERING DISABLE WIRING EXTENDS TO ELEVATOR CONTROLLER.



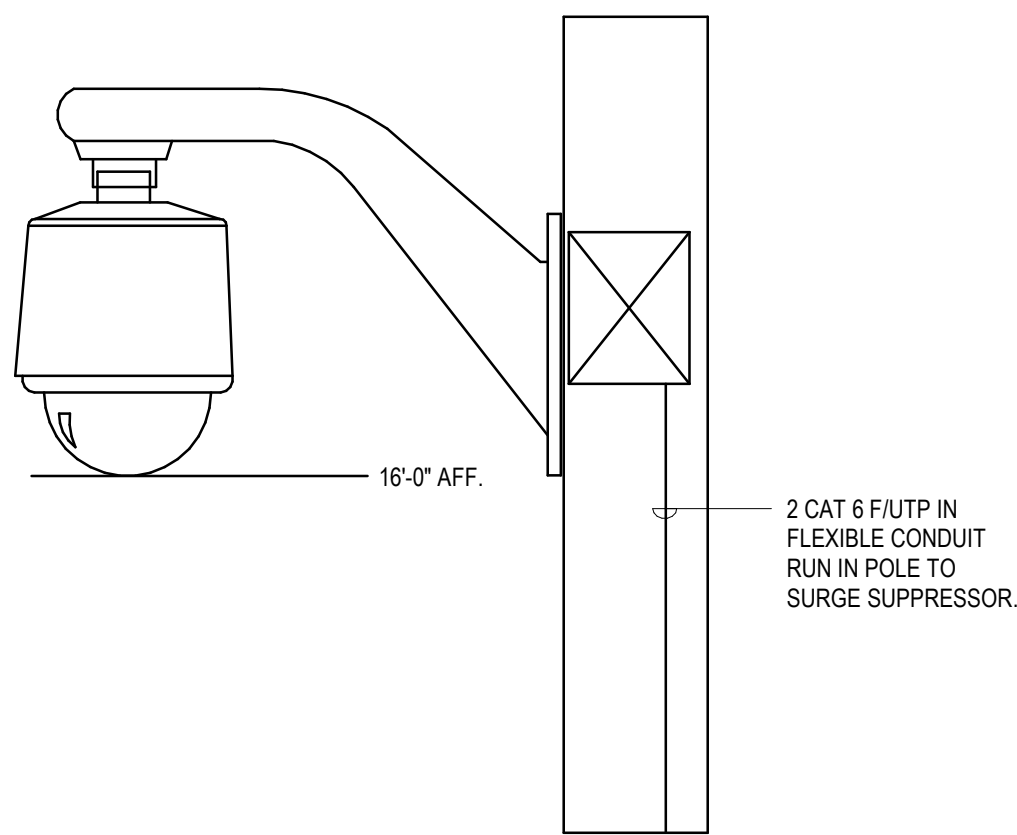
OPEN DATA COMMUNICATION
WIRING RACK

C1
NOT TO SCALE



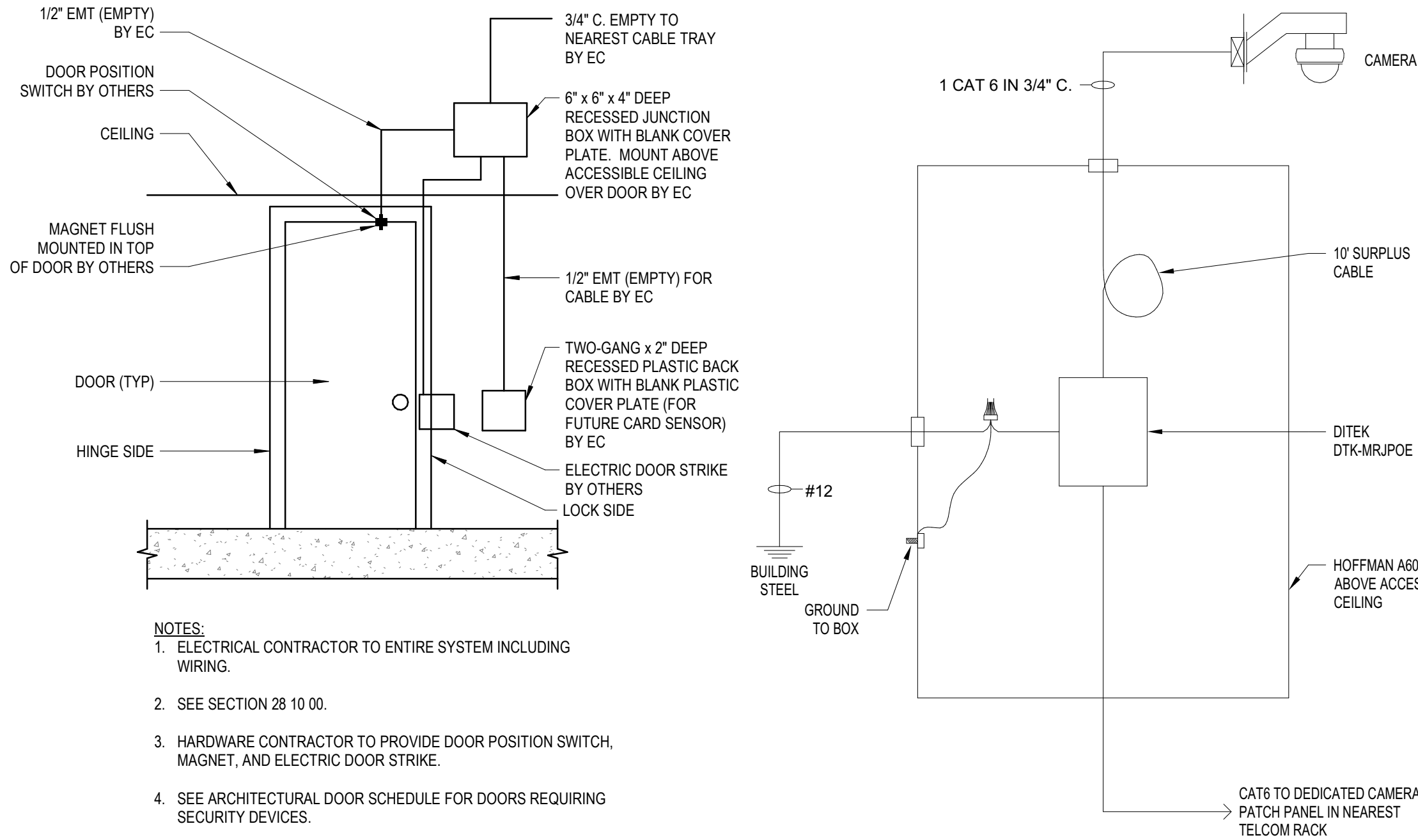
CABLE DRESSING DETAIL

C2
NOT TO SCALE



POLE MOUNTED PENDANT DOME

C4
NOT TO SCALE

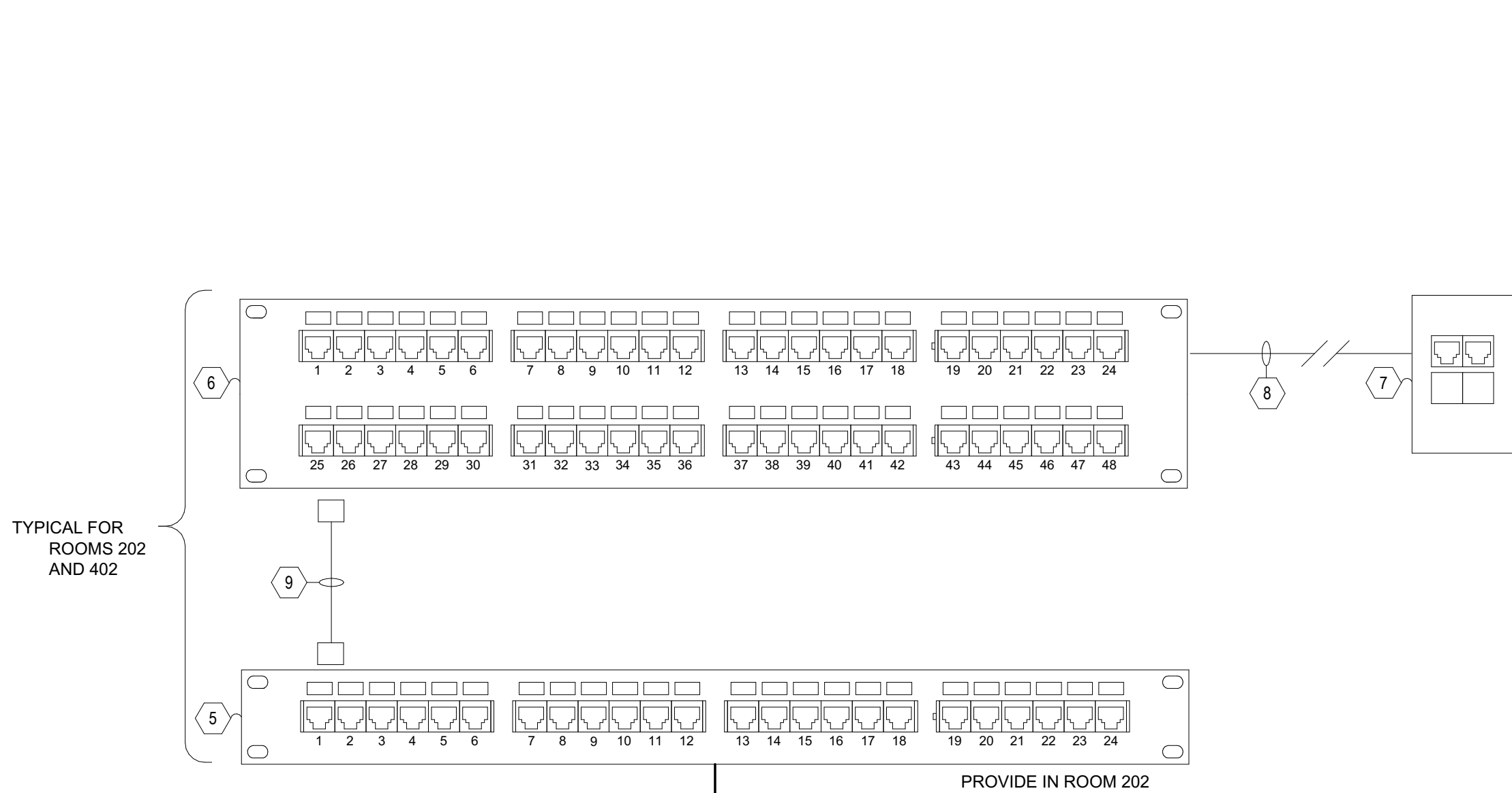


SECURITY SYSTEM DETAIL

C5
NTS

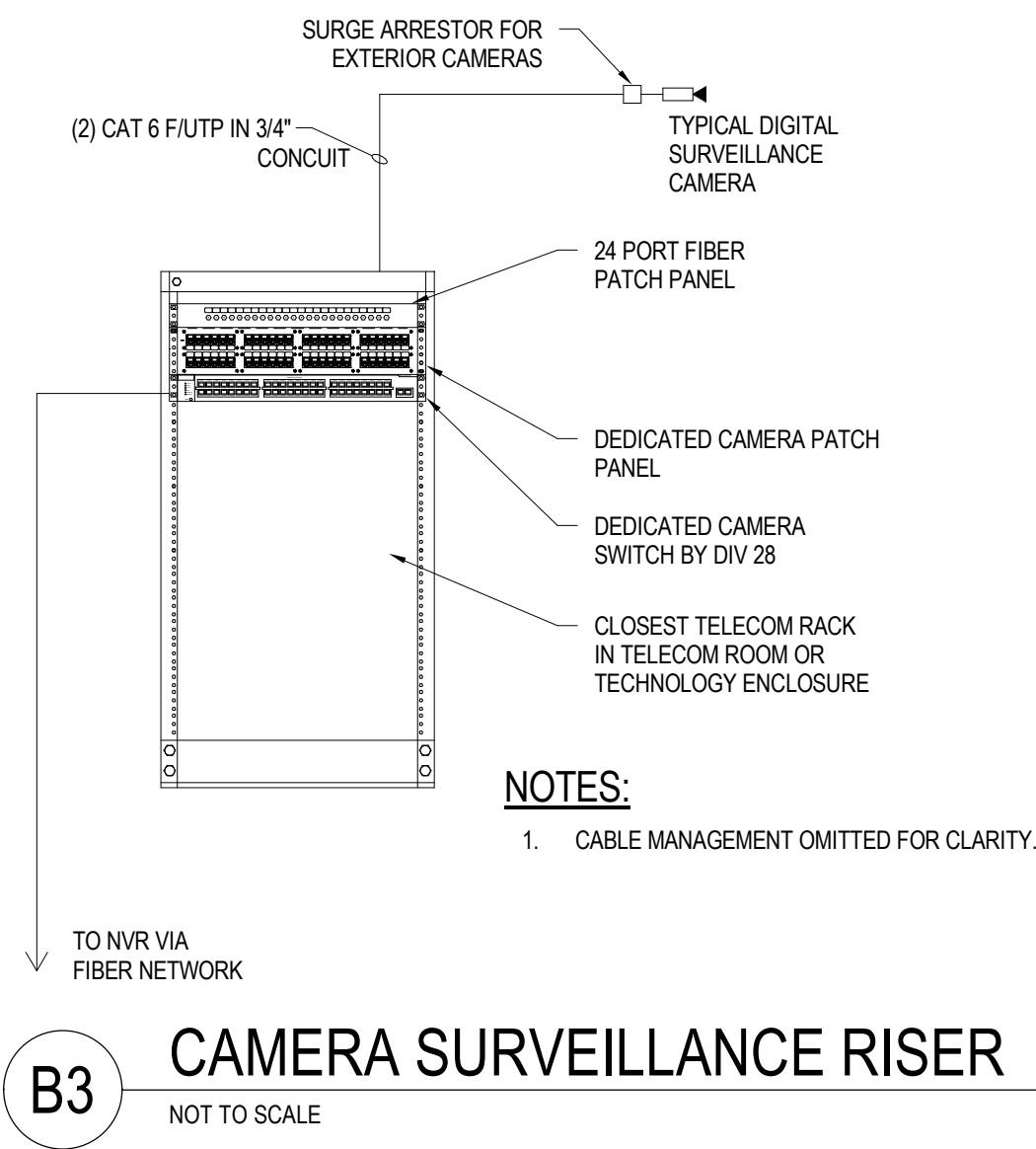
CAMERA SURVEILLANCE SURGE
PROTECTION

C6
NOT TO SCALE



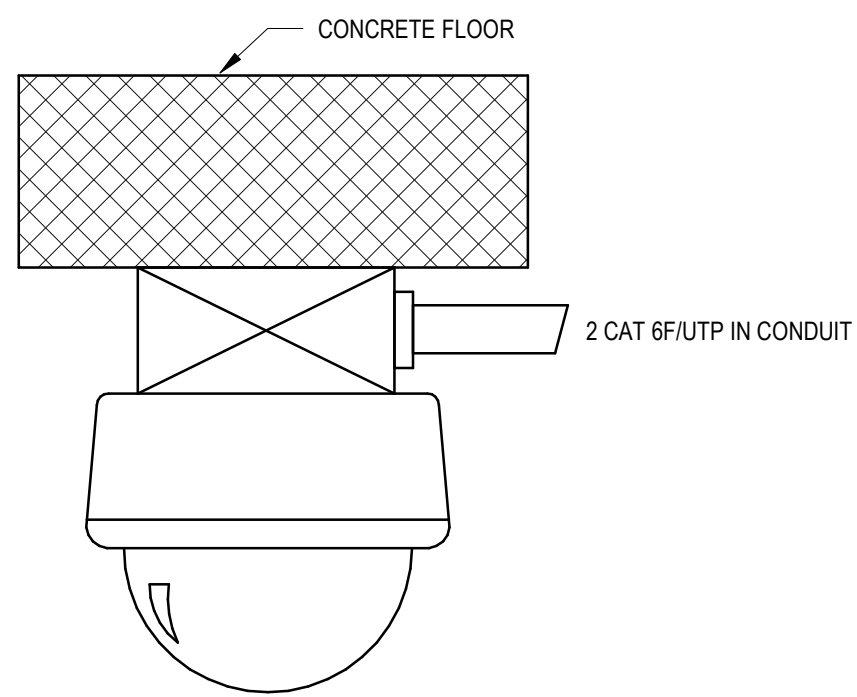
VOICE CHANNEL PANEL DETAIL

A1
NOT TO SCALE



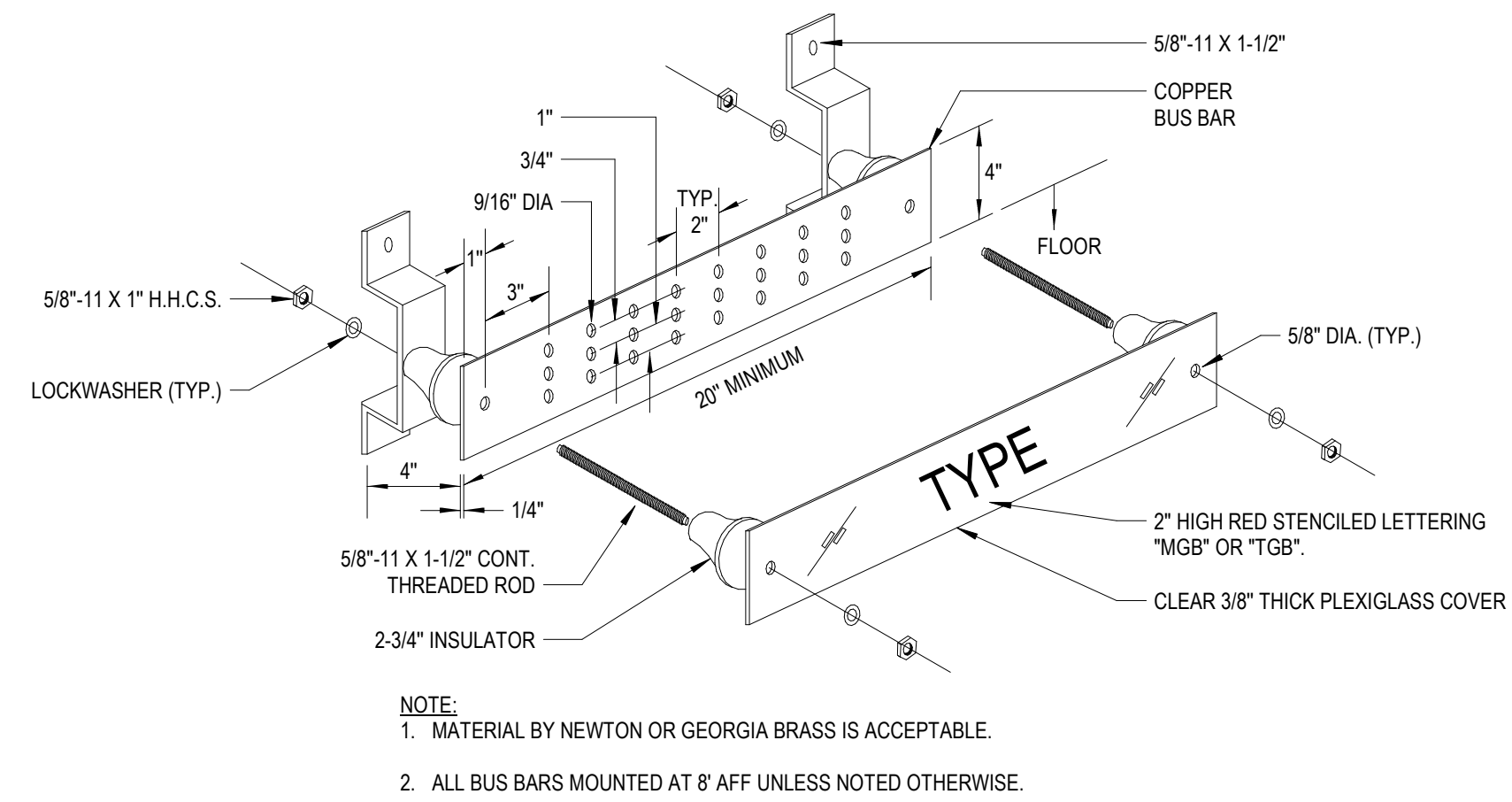
CAMERA SURVEILLANCE RISER

B3
NOT TO SCALE



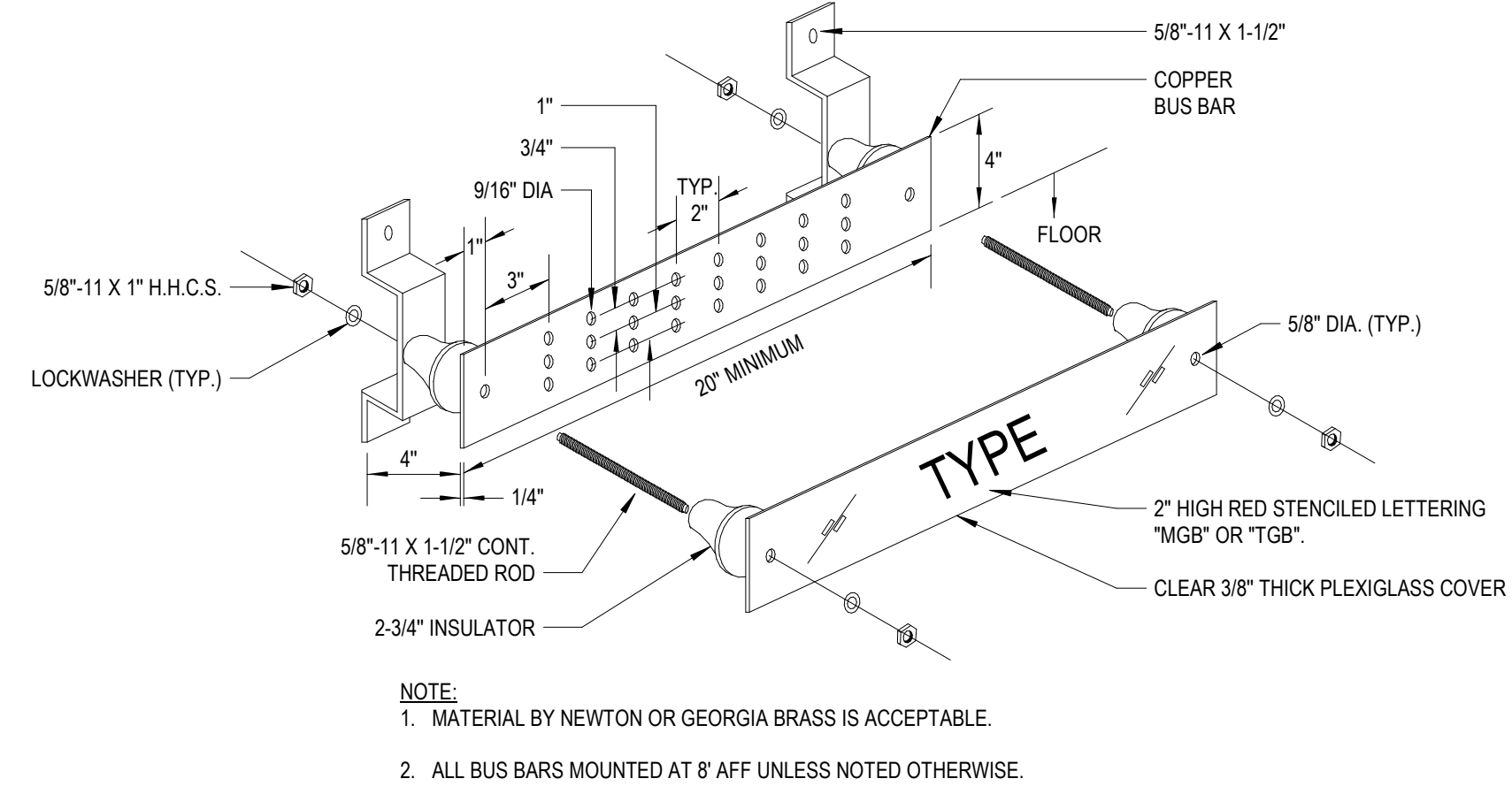
FIXED DOME CAMERA

B4
NOT TO SCALE



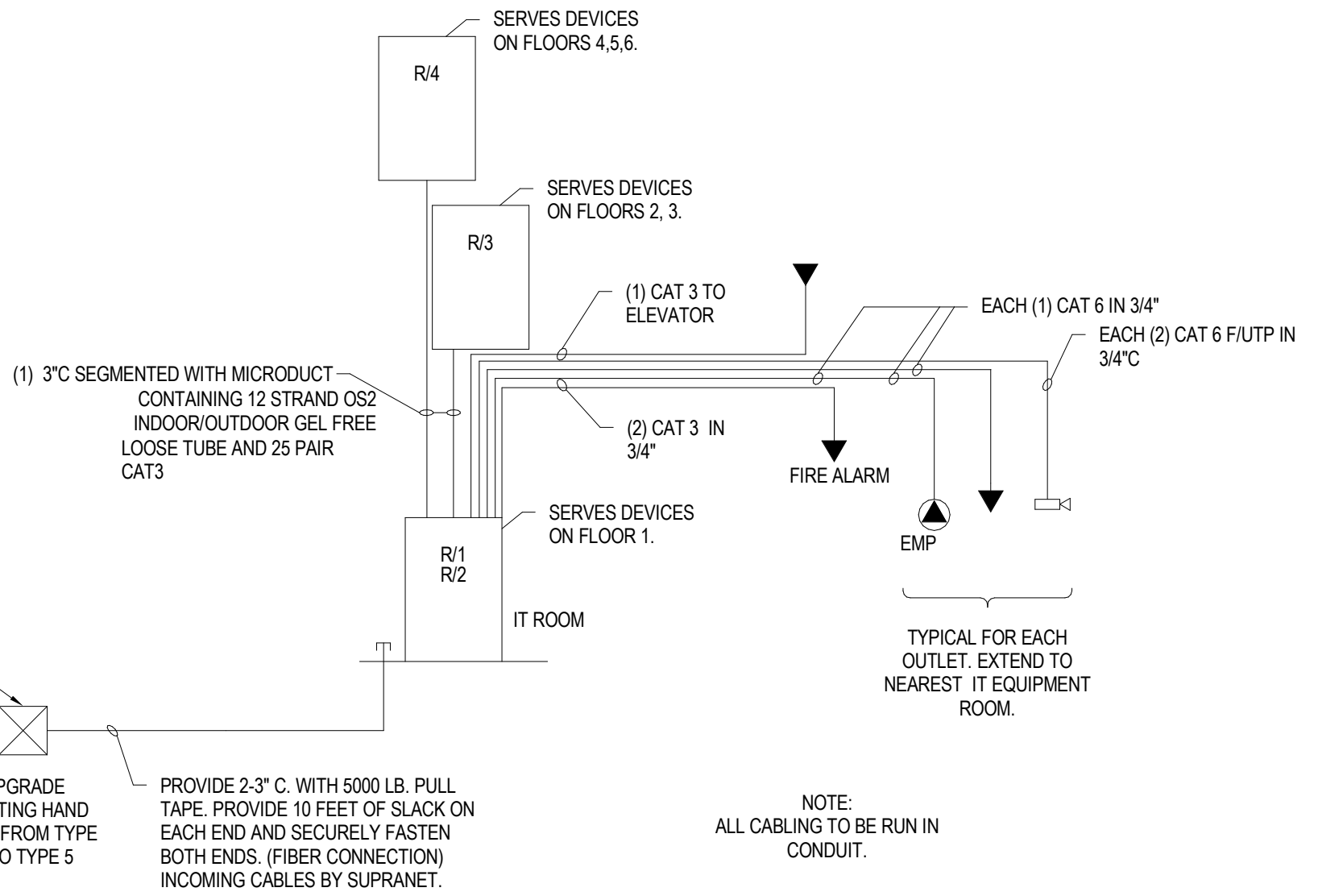
TELCOM GROUNDING BUS (TGB)

B5
NTS



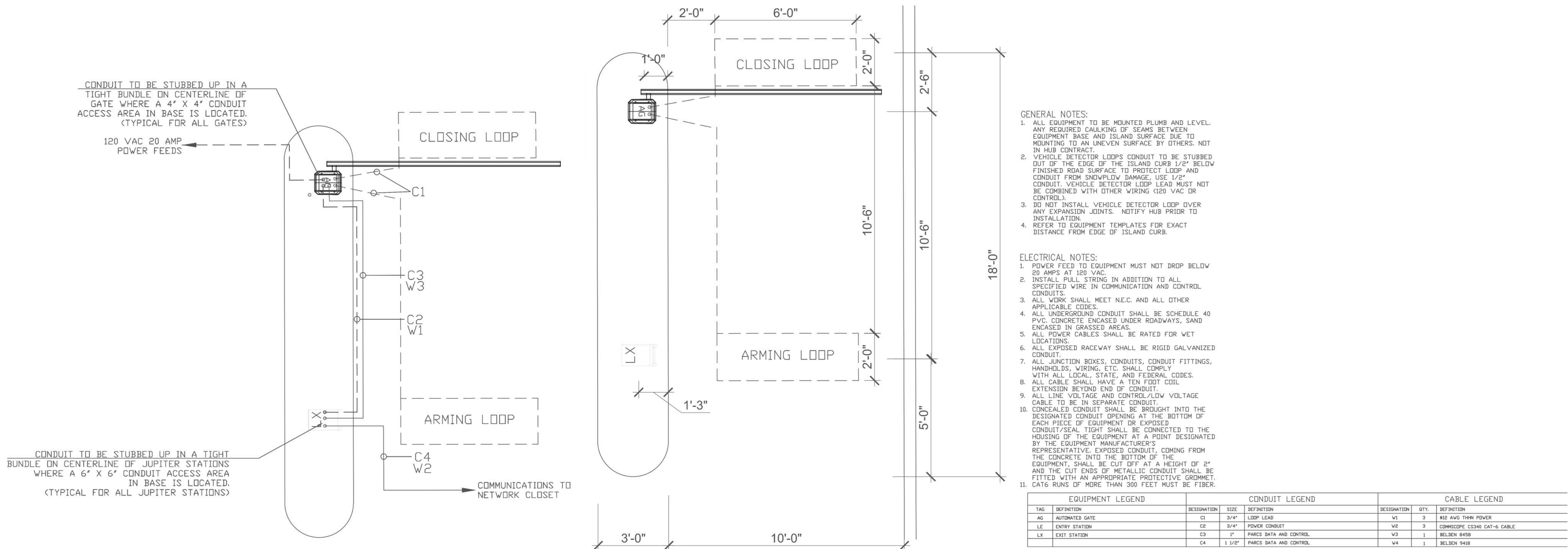
TELCOM MAIN GROUNDING BUS (TMGB)

A5
NTS



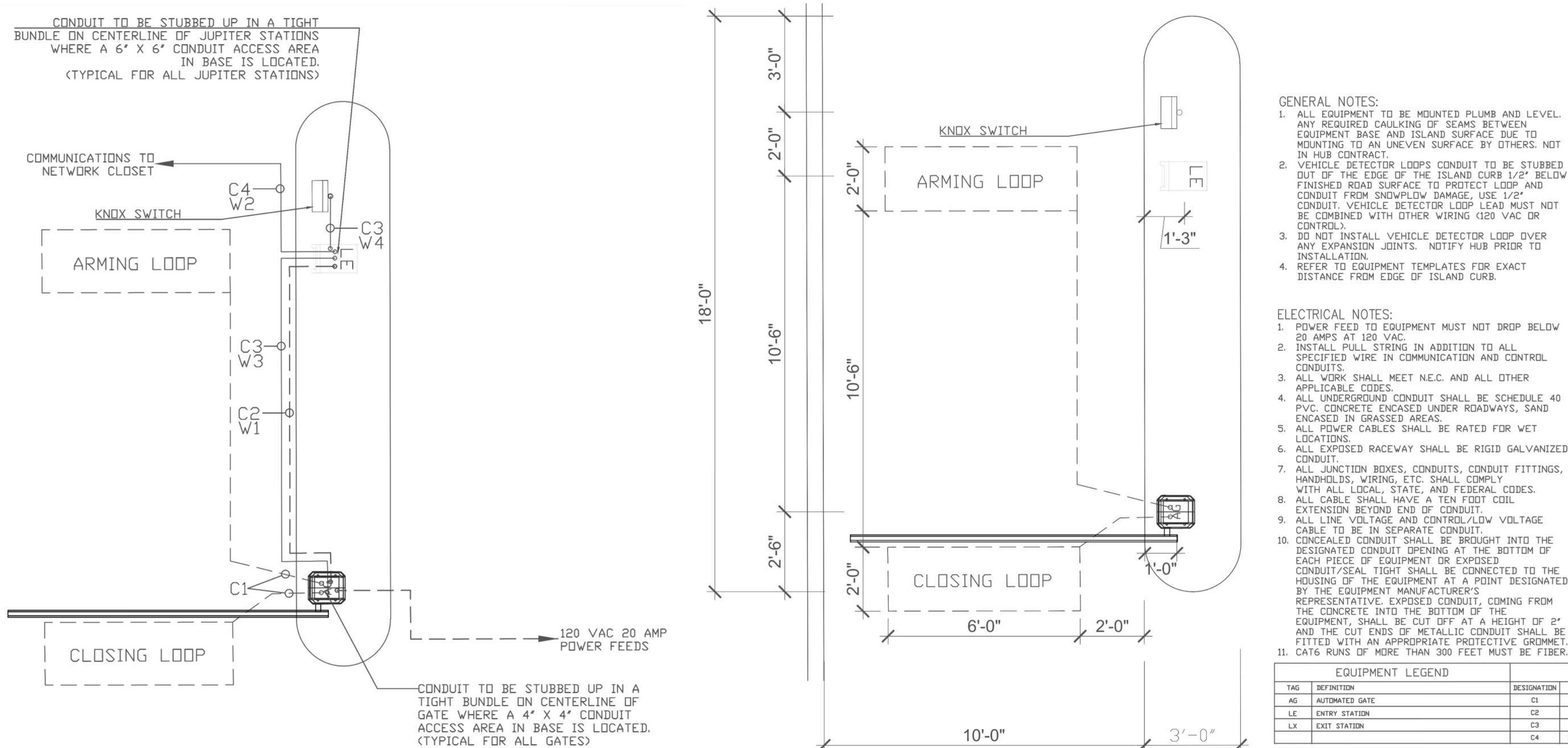
TELCOM RISER DIAGRAM

A3
NOT TO SCALE



C1 EXIT LANE DETAIL

NOT TO SCALE



A1 ENTRY LANE DETAIL

NOT TO SCALE

Autodesk Docs://20225013.00 - Village on Park Garage/2022-5013-E22.nt
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D

C

B

A

CAMERA SCHEDULE													
ABBREVIATIONS:													
PoE = POWER OVER ETHERNET PTZ = PAN-TILT-ZOOM													
GENERAL NOTE:													
A. CAMERAS, HOUSINGS (DOMES), LENS AND MOUNTING BRACKETS PROVIDED BY OWNER UNDER SEPARATE CONTRACT. THIS CONTRACTOR TO PROVIDE CONDUIT AND CAT 6...													
NOTE:													
1. ***													
CAMERA NO.	LOCATION	MOUNT	FIXED	PTZ	VIEWING OBJECTIVE	POE	ENVIRONMENTAL	WALL MOUNT BRACKET	CORNER BRACKET	KEYBOARD & JOY STICK	MID-SPAN POE POWER	SEE NOTE	
1	LEVEL ONE	WALL			180 DEG								
2	LEVEL ONE	CEILING			360 DEG								
3	LEVEL ONE	CEILING			90 DEG								
4	LEVEL ONE	CEILING			90 DEG								
5	LEVEL ONE	CEILING			360 DEG								
6	LEVEL ONE	CEILING			360 DEG								
7	LEVEL ONE	CEILING			90 DEG								
8	LEVEL ONE	WALL			180 DEG								
9	LEVEL ONE	WALL			90 DEG								
10	ELEVATOR	WALL			360 DEG								
11	LEVEL ONE	WALL			180 DEG								
12	LEVEL ONE	WALL			180 DEG								
13	LEVEL TWO	CEILING			360 DEG								
14	LEVEL TWO	CEILING			360 DEG								
15	LEVEL TWO	CEILING			360 DEG								
16	LEVEL TWO	CEILING			90 DEG								
17	LEVEL THREE	CEILING			360 DEG								
18	LEVEL THREE	CEILING			360 DEG								
19	LEVEL THREE	CEILING			360 DEG								
20	LEVEL THREE	CEILING			90 DEG								
21	LEVEL FOUR	CEILING			360 DEG								
22	LEVEL FOUR	CEILING			360 DEG								
23	LEVEL FOUR	CEILING			360 DEG								
24	LEVEL FOUR	CEILING			90 DEG								
25	LEVEL FIVE	CEILING			360 DEG								
26	LEVEL FIVE	CEILING			360 DEG								
27	LEVEL FIVE	CEILING			360 DEG								
28	LEVEL FIVE	CEILING			90 DEG								
29	LEVEL SIX	CEILING			360 DEG								
30	LEVEL SIX	CEILING			360 DEG								
31	LEVEL SIX	CEILING			360 DEG								
32	LEVEL SIX	WALL			90 DEG								
33	ROOF POLES	CEILING			360 DEG								
34	ROOF POLES	CEILING			360 DEG								

LIGHT FIXTURE SCHEDULE													
GENERAL NOTES:													
A. SEE SPECIFICATION SECTION FOR ADDITIONAL INFORMATION REGARDING FIXTURE AND INSTALLATION REQUIREMENTS.													
B. MANUFACTURERS LISTED AS ACCEPTABLE SHALL MEET ALL REQUIREMENTS AND FEATURES INDICATED. ACCEPTABLE MANUFACTURERS MUST MEET THE PHOTOMETRIC PERFORMANCE OF THE LISTED UNIT. ELECTRICAL CONTRACTOR SHALL ENSURE THE FIXTURE DEPTH / HEIGHT WILL COMPLY WITH ADA REQUIREMENTS AND WILL NOT INTERFERE WITH OTHER TRADES WITHIN THE CEILING CAVITY.													
C. ELECTRICAL CONTRACTOR SHALL COORDINATE T-GRID, WOOD AND SPECIALTY CEILING SYSTEMS WITH ARCHITECT PRIOR TO ORDERING.													
D. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED PARTS AND PIECES FOR A COMPLETE INSTALLATION.													
E. ALL REMOTE DRIVERS SHALL BE LOCATED IN AN ACCESSIBLE LOCATION THAT MEETS THE AMBIENT TEMPERATURE REQUIREMENTS OF THE DRIVER. ELECTRICAL CONTRACTOR SHALL VERIFY WITH SUBMITTED SHOP DRAWING WIRING DIAGRAMS THAT ALL DRIVER LOCATIONS ARE WITHIN MANUFACTURER'S RECOMMENDED DISTANCE REQUIREMENTS.													
NOTES:													
1. CHAIN HANG LIGHT FIXTURES AS CLOSE TO UNDERSIDE OF EXPOSED STRUCTURE AS POSSIBLE. COORNDINATE EXACT LOCATION WITH PIPING AND DUCTWORK.													
TAG	PERFORMANCE & ELECTRICAL DATA				LIGHT FIXTURE PROPERTIES				OPTIONS & ACCESSORIES				
	LUMENS	KELVIN TEMP	LOAD	FIXTURE VOLTAGE	DESCRIPTION	MANUFACTURER	CATALOG SERIES	DEPTH OR HEIGHT	DRIVER LOCATION	SENSOR TYPE	NO EQUALS	ACCEPTABLE MANUFACTURERS	SEE NOTE
B1	128	5000K	35 VA	120	LED STAINLESS STEEL 8" DIAMETER 43" TALL BOLLARD	FC LIGHTING	FCB460AUNV43AM1LSSLID	3' - 0"	I	-	■		
B2	1000	4000K	10 VA	120	LED LIGHT COLUMN BOLLARD BUBBLES 360 STAINLESS STEEL	FORMS+SURFACES	LSBCO-604-BUBBLES-360-4000K-STEEL	3' - 0"	I	-	■		
C1	3300	5000K	30 VA	277	4" LED DOWNLIGHT WET LOCATION	INDY	LLP4-33LM-50K-277-G4-80CRI-ZT-NLTAIRER3	0' - 3"	I	-		GOTHAMPORFOLIO	
F1	6000	4000K	57 VA	277	VANDAL RESISTANT LINEAR STAIRWAY SURFACE MOUNT	LUMINAIRE LED	TSL9-46IN-50W-40K-277-OP-WHT-PC-FAM7	0' - 6"	I	M		KENALLINEW STAR	
F2	6000	4000K	57 VA	277	VANDAL RESISTANT LINEAR ELEVATOR WALL MOUNT	FAIL-SAFE	HVL8-4-LD4-2STD-40-UNV-O-EDD1-S-VRSD	0' - 8"	I	-		KENALLINEW STAR	
G1	2000	4000K	20 VA	277	4" LINEAR LED WALL WASH	COOPER LIGHTING SOLUTIONS	GRZ-05L-940-10X10FR-OD-UNV-S-ADJ-STD-4F	0' - 3"	I	-		CREE/LITHONIA/GARDCO	
J	4000	4000K	35 VA	277	4" LED INDUSTRIAL STRIP SURFACE MOUNT	METALUX	4-SNLED-LDS-41SL-LN-UNV-L&D	0' - 6"	I	-		PEERLESS/FINELITE	1
L1	9000	5000K	56 VA	120	LED DECORATIVE LIGHT POLE TYPE 5 OPTICS	HOLOPHANE	WAES-P30-50K-MVOLT-MS-GL5-BK-SK-TBK-RS-BOR&FC	0' - 0"	I	-	■		
L2	11000	5000K	188 VA	120	LED LIGHT POLE TWO HEADS TYPE 3 OPTICS	LITHONIA	KAD LED 40C 700 50K R3 MVOLT	1' - 0"	I	-	■		
L3	14000	4000K	127 VA	277	SINGLE HEAD LED POLE MOUNTING - 15' POLE	MCGRAW-EDISON	VTS-E05-LED-E1-T4-BK-P/277/MS/X-L20	1' - 0"	I	M		CREE/LITHONIA/GARDCO	
L4	14000	4000K	255 VA	277	TWIN HEAD LED POLE MOUNTING - 15' POLE	MCGRAW-EDISON	VTS-E05-LED-E1-T4-BK-P/277/MS/X-L20	1' - 0"	I	M		CREE/LITHONIA/GARDCO	
P3	6000	4000K	48 VA	277	PARKING GARAGE LUMINAIRE	MCGRAW-EDISON	TT-D3-740-U-WQ-BK-SPB2	0' - 5 1/2"	I	M		CREE/LITHONIA/GARDCO	
P3C	6000	4000K	150 VA	277	PARKING GARAGE LUMINAIRE	MCGRAW-EDISON	TT-D8-740-U-CQ-BK-SPB2	0' - 5 1/2"	I	M		CREE/LITHONIA/GARDCO	
W1	2000	5000K	15 VA	277	LED WALL PACK COMFORT FORWARD OPTIC	LITHONIA	WDGE1 LED P2 50K VF	0' - 9"	I	-		CREE/LUMARK	
W2	6000	5000K	49 VA	277	LED WALL PACK COMFORT FORWARD OPTIC	LITHONIA	WDGE2 LED P5 50K VF	0' - 9"	I	-		CREE/LUMARK	
X1	-	-	3 VA	277	ONE SIDED EXIT SIGN CEILING MOUNT	ISOLITE	MAX-AS-R-S-WH-MTEB	1' - 0 1/2"	I	-		LITHONIA/THOMAS & BETTS	
X2	-	-	3 VA	277	ONE SIDED EXIT SIGN PERPENDICULAR WALL MOUNT	ISOLITE	MAX-AC-R-S-WH-MTEB	1' - 0 1/2"	I	-		LITHONIA/THOMAS & BETTS	
X3	-	-	3 VA	277	ONE SIDED EXIT SIGN PARALLEL WALL MOUNT	ISOLITE	MAX-AC-R-S-WH-MB	0' - 2"	I	-		LITHONIA/THOMAS & BETTS	

MOTOR WIRING SCHEDULE															
GENERAL NOTES:															
A. OBTAIN SUPPLIERS SHOP DRAWINGS/WIRING DIAGRAMS TO VERIFY LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN.															
B. FURNISH HACR TYPE BREAKERS FOR ALL HVAC EQUIPMENT.															
NOTE:															
1. INSTALL WIRE BETWEEN IU-# AND OU-#. WIRE IS FURNISHED BY HVAC CONTRACTOR AND INSTALLED BY EC. EC TO PROVIDE 3/4" CONDUIT FOR WIRE.															
2. SEE ONE-LINE FOR WIRE AND CIRCUIT BREAKER INFORMATION															
TAG	DRIVING	POWER			FEED FROM		BREAKER		WIRING				SEE NOTE		
		SPECIFIED SIZE	VOLTAGE	PHASE	ELECTRICAL LOAD	PANEL	CIRCUIT	SIZE	POLES	PHASE & NEUTRAL QTY	NEUTRAL SIZE	GROUND SIZE		COND.	
EF-1	EXHAUST FAN	1/4 HP	120 V	1	696 VA	1/LA	26	15	1	2	12	12	3/4"		
EF-2	EXHAUST FAN	1/2 HP	120 V	1	1176 VA	1/LA	2	20	1	2	12	12	3/4"		
EF-3	EXHAUST FAN	1/2 HP	120 V	1	1176 VA	1/LA	4	20	1	2	12	12	3/4"		
EF-4	EXHAUST FAN	1/4 HP	120 V	1	696 VA	3/LA	9	15	1	2	12	12	3/4"		
EF-5	EXHAUST FAN	1/2 HP	120 V	1	1176 VA	3/LA	6	20	1	2	12	12	3/4"		
EL-1	ELEVATOR	10.2 HP	480 V	3	17451 VA	SEE	ONELINE	-	-	-	-	-	-	2	
FP	FIRE PUMP	61.5 HP	480 V	3	79776 VA	SEE	ONELINE	-	-	-	-	-	-	2	
IU-1	VRF INDOOR UNIT	-	208 V	1	0 VA	1/LA	13.15	20	2	2	-	-	-	1	
IU-2	VRF INDOOR UNIT	-	208 V	1	0 VA	1/LA	22.24	20	2	2	-	-	-	1	
IU-3	VRF INDOOR UNIT	-	208 V	1	0 VA	3/LA	23.25	20	2	2	-	-	-	1	
IU-4	VRF INDOOR UNIT	-	208 V	1	0 VA	3/LA	5.7	20	2	2	-	-	-	1	
JP	JOCKEY PUMP	7.5 HP	480 V	3	9141 VA	SEE	ONELINE	-	-	-	-	-	-	2	
OU-1	VRF OUTDOOR UNIT	-	208 V	1	2300 VA	1/LA	13.15	20	2	2	12	12	3/4"	1	
OU-2	VRF OUTDOOR UNIT	-	208 V	1	2300 VA	1/LA	22.24	20	2	2	12	12	3/4"	1	
OU-3	VRF OUTDOOR UNIT	-	208 V	1	2300 VA	3/LA	23.25	20	2	2	12	12	3/4"	1	
OU-4	VRF OUTDOOR UNIT	-	208 V	1	2300 VA	3/LA	5.7	20	2	2	12	12	3/4"	1	
SP-1	SUMP PUMP	1/3 HP	120 V	1	864 VA	1/LA	17	15	1	2	12	12	3/4"		

LIGHT FIXTURE SCHEDULE ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS INDICATED HERE ARE USED IN THE SCHEDULE AND MAY NOT APPLY TO CURRENT PROJECT.

ACCESSORIES / DOOR / REFLECTOR / TRIM TYPE

AS = ASYMMETRIC
B = Baffle REFLECTOR
CB = CONTINUOUS RUN
D = DIRECT
DID = DIRECT / INDIRECT
DG = DOUBLE GASKETED DOOR FRAME
EM = REMOTE EMERGENCY DRIVER
ID = INDIRECT
S = SYMMETRIC
SG = SINGLE GASKETED DOOR FRAME
SS = STAINLESS STEEL TRIM AND DOOR FRAME
SR = STANDARD REFLECTOR
TG = TRIPLE GASKETED DOOR FRAME, LENS AND BODY
VR = VANDAL RESISTANT
WG = WIRE GUARD
WW = WALL WASH

COLOR / FINISH

B = BLACK
BZ = BRONZE
C = CLEAR
CU = COPPER
CUS = CUSTOM PAINTED FINISH - COLOR AS SELECTED BY ARCHITECT
DBZ = DARK BRONZE
G = GOLD
GL = GLOSS
M = MATTE
NA = NATURAL ALUMINUM
RAL# = RAL NUMBER
S = SILVER
SSP = SEMI-SPECULAR / HAZE
W = WHITE

DIMMING TYPE

0-10-0.1 = 0-10 V 0.1%
0-10-1 = 0-10 V 1%
0-10-5 = 0-10 V 5%
0-10-10 = 0-10 V 10%
BL = BILEVEL / STEP
E = ELDOLED
FF = FORWARD PHASE
D = DALI
DX = DMX
L = LUTRON
N = NONE
O = OSRAM
P = PHASE
RF = REVERSE PHASE

DRIVER LOCATION

I = INTEGRAL
N = NONE
R = REMOTE

LENS TYPE

C = CLEAR
D = DROP DOWN
F = FLUSH
N = NON-REFLECTED
O = OPAL
P = POP UP
PA = PATTERN 12 ACRYLIC LENS - .125" MINIMUM THICKNESS



PANEL: 1/HA										New Construction													
VOLTAGE: 480Y/277V					BUS RATING: 250 A					FEED-THRU LUGS: NO													
PHASE / WIRE: 3P / 4W					MAIN TYPE: MLO					MOUNTING: SURFACE													
SVC. ENTRANCE LABEL: -					MAIN RATING: 0 A					ENCLOSURE: TYPE 1													
MINIMUM AIC: -					UPSTREAM BREAKER RATING: 0 A					200% NEUTRAL: -													
IS SERIES RATED ALLOWED: NO					SPD: NO					PANELBOARD TYPE: -													
CKT	DESCRIPTION	TRIP	POLE	CB TYPE	LOAD TYPE	LOAD	A		B		C		LOAD	LOAD TYPE	CB TYPE	POLE	TRIP	DESCRIPTION	CKT				
1	LTG PARKING LEVEL ONE	20 A	1		L	1266 VA	1266 VA	960 VA					960 VA	L		1	20 A	LTG PARKING LEVEL TWO	2				
3	LTG LEVEL ONE, TWO IT/STORAGE	20 A	1		L	245 VA			245 VA	384 VA			384 VA	L		1	20 A	LTG EXTERIOR WALL PACKS	4				
5	EWB-01	40 A	3		EQ	24000 VA					8000 VA	360 VA	360 VA	L		1	20 A	LTG STAIR 2 WALL GRAZE	6				
7	--	--	--	--	--	--	8000 VA	1000 VA					1000 VA	L		1	20 A	SG-2.3 ENTRANCE SIGNAGE	8				
9	--	--	--	--	--	--			8000 VA										10				
11																			12				
13																			14				
15																			16				
17																			18				
19																			20				
21																			22				
23	SPARE	20 A	1	--	--	--					0 VA	0 VA	--	--		1	20 A	SPARE	24				
25	SPARE	20 A	1	--	--	--	0 VA	0 VA					--	--		1	20 A	SPARE	26				
27	SPARE	20 A	1	--	--	--			0 VA	0 VA			--	--		1	20 A	SPARE	28				
29	SPARE	20 A	1	--	--	--					0 VA	0 VA	--	--		1	20 A	SPARE	30				
							11226 VA		8629 VA		8360 VA												
PANEL TOTALS						NOTES:						LOAD TYPE		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND					
TOTAL CONN. LOAD: 28215 VA						PROVIDE SQUARE D "POWERLINK" G3" SERIES PANELBOARD WITH REMOTELY OPERATED CIRCUIT BREAKERS OR APPROVED EQUAL. ALL CIRCUIT BREAKERS SUPPLYING LIGHTING LOADS SHALL BE INCLUDED IN OWNERS LIGHTING CONTROL PROGRAM. PROVIDE PROGRAMMING FOR ALL APPLICABLE CIRCUIT BREAKERS.						EQ		24000 VA		100.00%		24000 VA					
TOTAL EST. DEMAND: 29289 VA												L		4215 VA		125.00%		5289 VA					
TOTAL CONN. AMPS: 36 A																							
TOTAL EST. DEMAND AMPS: 35 A																							
CIRCUIT BREAKER TYPE ABBREVIATIONS:						LOAD TYPE ABBREVIATIONS:																	
GFCI = GROUND FAULT CIRCUIT INTERRUPTER						C = COOLING						F = FARM						R = RECEPTACLE					
HACR = HEATING AND AIR CONDITIONING RATED						ECD = ELECTRIC CLOTHES DRYER						GL1 = GENERAL LIGHTING - 2 W / SQ FT						SA = SMALL APPLIANCE					
HB = HAND-BLOCKING DEVICE						EL = ELEVATOR						GL2 = GENERAL LIGHTING - 3 W / SQ FT						T = TRANSFORMER					
L = LOCKABLE						EQ = EQUIPMENT						H = HEATING						V = VENTILATING					
ST = SHUNT TRIP						ER1 = ELECTRIC RANGE LESS THAN 3.5 KW						K = KITCHEN EQUIPMENT - NON-DWELLING UNIT						W = WELDING					
						ER2 = ELECTRIC RANGE 3.5 - 8.75 KW						L = LIGHTING						X = XRAY					
						EX = EXISTING						P = PANEL						YR = YEAR ROUND					

PANEL: EM-1/HA										New Construction									
VOLTAGE: 480Y/277V					BUS RATING: 250 A					FEED-THRU LUGS: -									
PHASE / WIRE: 3P / 4W					MAIN TYPE: MCB					MOUNTING: SURFACE									
SVC. ENTRANCE LABEL: -					MAIN RATING: 250 A					ENCLOSURE: TYPE 1									
MINIMUM AIC: -					UPSTREAM BREAKER RATING: 0 A					200% NEUTRAL: -									
IS SERIES RATED ALLOWED: NO					SPD: NO					PANELBOARD TYPE: FUSED PANEL									
CKT	DESCRIPTION	TRIP	POLE	CB TYPE	LOAD TYPE	LOAD	A	B	C	LOAD	LOAD TYPE	CB TYPE	POLE	TRIP	DESCRIPTION	CKT			
1	EM-2/HA	100 A	3		Spare: L	2712 VA	1740 VA	741 VA		741 VA	L		1	20 A	LTG STAIR 1	2			
3	--	--	--	--	--	--		348 VA	420 VA				1	20 A	LTG MAIN ELEC.	4			
5	--	--	--	--	--	--			624 VA	210 VA	L		1	20 A	LTG THIS ROOM	6			
7	LTG PARKING LEVEL ONE	20 A	1		L	534 VA	534 VA	336 VA		336 VA	L		1	20 A	LTG PARKING LEVEL TWO	8			
9	LTG EXIT SIGNS LEVEL ONE	20 A	1		L	12 VA		12 VA	36 VA	36 VA	L		1	20 A	LTG EXIT SIGNS STAIR 1	10			
11																12			
13																14			
15																16			
17																18			
19																20			
21																22			
23	SPARE	20 A	1	--	--				0 VA	0 VA	--	--		1	20 A	SPARE	24		
25	SPARE	20 A	1	--	--	0 VA	0 VA				--	--		1	20 A	SPARE	26		
27	SPARE	20 A	1	--	--			0 VA	0 VA		--	--		1	20 A	SPARE	28		
29	SPARE	20 A	1	--	--				0 VA	0 VA	--	--		1	20 A	SPARE	30		
							3351 VA	816 VA	834 VA										
PANEL TOTALS										NOTES:									
TOTAL CONN. LOAD: 5001 VA										LOAD TYPE									
TOTAL EST. DEMAND: 6251 VA										L									
TOTAL CONN. AMPS: 6 A										5001 VA									
TOTAL EST. DEMAND AMPS: 8 A										125.00%									
										6251 VA									

PANEL: OP-1/LA												New Construction											
VOLTAGE: 208Y/120V PHASE / WIRE: 3P / 4W SVC. ENTRANCE LABEL: - MINIMUM AIC: - IS SERIES RATED ALLOWED: NO						BUS RATING: 225 A MAIN TYPE: MCB MAIN RATING: 225 A UPSTREAM BREAKER RATING: 0 A SPD: NO						FEED-THRU LUGS: NO MOUNTING: SURFACE ENCLOSURE: TYPE 1 200% NEUTRAL L- PANELBOARD TYPE:											
CKT	DESCRIPTION	TRIP	POLE	CB TYPE	LOAD TYPE	LOAD	A	B	C	LOAD	LOAD TYPE	CB TYPE	POLE	TRIP	DESCRIPTION	CKT							
1	PAY STATION LOBBY	20 A	1		EQ	600 VA	600 VA	1200 VA		1200 VA	EQ		1	20 A	BA, ES, PS, AND BA	2							
3	BA, ES, PS, AND BA	20 A	1		EQ	1200 VA		1200 VA		720 VA	R		1	20 A	RCPT IT LEVEL ONE	4							
5	RCPT IT LEVEL ONE	20 A	1		R	720 VA			720 VA	720 VA	R		1	20 A	RCPT IT LEVEL TWO	6							
7	RCPT IT LEVEL TWO	20 A	1		R	720 VA	720 VA	720 VA		720 VA	R		1	20 A	RCPT IT LEVEL FOUR	8							
9	RCPT IT LEVEL FOUR	20 A	1		R	720 VA		720 VA	300 VA	300 VA	EQ		1	20 A	FACU	10							
11	EMP STAIR 1	20 A	1		EQ	600 VA			600 VA	600 VA	EQ		1	20 A	EMP STAIR 2	12							
13	SPARE	20 A	1	--	--	0 VA	0 VA			--	--		1	20 A	SPARE	14							
15	SPARE	20 A	1	--	--			0 VA	0 VA	--	--		1	20 A	SPARE	16							
17	SPARE	20 A	1	--	--				0 VA	0 VA	--	--	1	20 A	SPARE	18							
19	SPARE	20 A	1	--	--	0 VA	0 VA			--	--		1	20 A	SPARE	20							
21	ECL ELEVATOR CAB LIGHTS	20 A	1		EQ	100 VA		100 VA	0 VA	--	--		1	20 A	SPARE	22							
23	ECP ELEVATOR CAB POWER	20 A	1		EQ	100 VA			100 VA							24							
25																26							
27																28							
29																30							
31																32							
33																34							
35	PDU-1	30 A	2		EQ	2000 VA			1000 VA	1000 VA	2000 VA	EQ		2	30 A	PDU-2	36						
37	--	--	--	--	--	1000 VA	1000 VA			--	--	--	--	--	--	38							
39	PDU-3	30 A	2		EQ	2000 VA		1000 VA	1000 VA		2000 VA	EQ		2	20 A	PDU-4	40						
41	--	--	--	--	--	--	--		1000 VA	1000 VA	--	--	--	--	--	42							
							5240 VA	5040 VA	6740 VA														
PANEL TOTALS				NOTES:						LOAD TYPE		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND							
TOTAL CONN. LOAD: 17020 VA										EQ		12700 VA		100.00%		12700 VA							
TOTAL EST. DEMAND: 17020 VA										R		4320 VA		100.00%		4320 VA							
TOTAL CONN. AMPS: 47 A																							
TOTAL EST. DEMAND AMPS: 47 A																							
CIRCUIT BREAKER TYPE ABBREVIATIONS:						LOAD TYPE ABBREVIATIONS:																	
GFCI = GROUND FAULT CIRCUIT INTERRUPTER						C = COOLING						F = FARM						R = RECEPTACLE					
HACR = HEATING AND AIR CONDITIONING RATED						ECD = ELECTRIC CLOTHES DRYER						GL1 = GENERAL LIGHTING - 2 W / SQ FT						SA = SMALL APPLIANCE					
HB = HAND-BLOCKING DEVICE						EL = ELEVATOR						GL2 = GENERAL LIGHTING - 3 W / SQ FT						T = TRANSFORMER					
L = LOCKABLE						EQ = EQUIPMENT						H = HEATING						V = VENTILATING					
ST = SHUNT TRIP						ERI = ELECTRIC RANGE LESS THAN 3.5 KW						K = KITCHEN EQUIPMENT - NON-DWELLING UNIT						W = WELDING					
						ER2 = ELECTRIC RANGE 3.5 - 8.75 KW						L = LIGHTING						X = XRAY					
						EX = EXISTING						P = PANEL						YR = YEAR ROUND					

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1010 East Washington Avenue,
Suite 202
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CLIENT:

Community Development Authority of
the City of Madison



Madison Municipal Building
215 Martin Luther King Jr Blvd
Suite 161
Madison, WI 53703

PROJECT TITLE:

VILLAGE ON PARK PARKING STRUCTURE AND SITE IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/23

DRAWN BY: GB

CHECKED BY: RJ

APPROVED BY: RJ

SCALE: AS NOTED

SHEET TITLE:

PANEL SCHEDULES

SHEET NUMBER:

E611

Autodesk Docs://20225013.00 - Village on Park Garage/2022-5013-E22.nt
7/24/2023 12:16:00 PM



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215 Martin Luther King Jr Blvd
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VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00
DATE: 07/28/23
DRAWN BY: GB
CHECKED BY: RJ
APPROVED BY: RJ
SCALE: AS NOTED

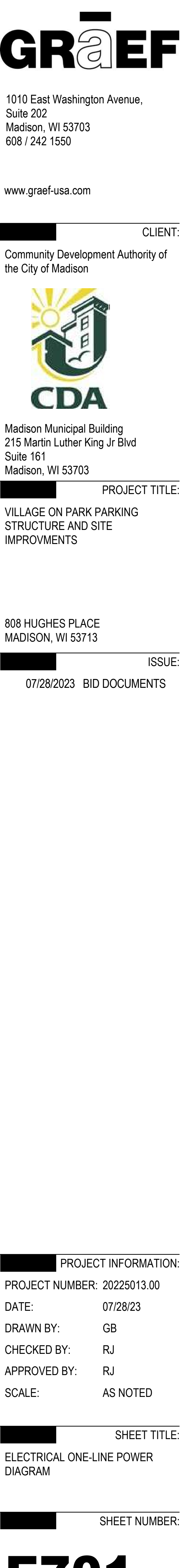
SHEET TITLE:

PANEL SCHEDULES

SHEET NUMBER:

E612

PANEL: PL										New Construction										
VOLTAGE: 208Y/120V					BUS RATING: 100 A					FEED-THRU LUGS:										
PHASE / WIRE: 3P / 4W					MAIN TYPE: MLO					MOUNTING: SURFACE										
SVC. ENTRANCE LABEL:					MAIN RATING: 0 A					ENCLOSURE: TYPE 1										
MINIMUM AIC:					UPSTREAM BREAKER RATING: 0 A					200% NEUTRAL:										
IS SERIES RATED ALLOWED:					SPD:					PANELBOARD TYPE:										
CKT	DESCRIPTION	TRIP	POLE	CB TYPE	LOAD TYPE	LOAD	A		B		C		LOAD	LOAD TYPE	CB TYPE	POLE	TRIP	DESCRIPTION	CKT	
1	LIGHTING - EXTERIOR	20 A	1		L	500 VA	500 VA	400 VA					400 VA	L		1	20 A	LIGHTING - EXTERIOR	2	
3	LIGHTING - EXTERIOR	20 A	1		L	400 VA			400 VA	200 VA			--	--		1	20 A	LIGHTING CONTROL PANEL	4	
5	RECEPTACLES ON LIGHT POLES	20 A	1		--	--					900 VA	336 VA	336 VA	L		1	20 A	LIGHTING - EXTERIOR EAST ENTRANCE	6	
7	LIGHTING - EXTERIOR CENTER GREEN POLE LIGHTS	20 A	1		L	504 VA	504 VA	376 VA					376 VA	L		1	20 A	LIGHTING - EXTERIOR EAST PARKING LOT	8	
9	LIGHTING - EXTERIOR CENTER GREEN BOLLARDS	20 A	1		L	120 VA			120 VA	980 VA			980 VA	L		1	20 A	LIGHTING - EXTERIOR CENTER GREEN BOLLARDS	10	
11	RCPT BOLLARDS CENTER GREEN	20 A	1		R	900 VA					900 VA	900 VA	900 VA	R		1	20 A	RCPT BOLLARDS CENTER GREEN	12	
13	RCPT BOLLARDS CENTER GREEN	20 A	1		R	1080 VA	1080 VA	0 VA					--	--		1	20 A	SPARE	14	
15	SPARE	20 A	1		--	--			0 VA	0 VA			--	--		1	20 A	SPARE	16	
17	SPARE	20 A	1		--	--					0 VA	0 VA	--	--		1	20 A	SPARE	18	
19	SPARE	20 A	1		--	--	0 VA	0 VA					--	--		1	20 A	SPARE	20	
21	SPARE	20 A	1		--	--			0 VA	0 VA			--	--		1	20 A	SPARE	22	
23	SPARE	20 A	1		--	--					0 VA	0 VA	--	--		1	20 A	SPARE	24	
25	SPARE	20 A	1		--	--	0 VA	0 VA					--	--		1	20 A	SPARE	26	
27	SPARE	20 A	1		--	--			0 VA	0 VA			--	--		1	20 A	SPARE	28	
29	SPARE	20 A	1		--	--					0 VA	0 VA	--	--		1	20 A	SPARE	30	
							2860 VA		1700 VA		3036 VA									
PANEL TOTALS					NOTES:					LOAD TYPE					CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND	
TOTAL CONN. LOAD: 7596 VA					ITALIC INDICATED EXISTING TO REMAIN CIRCUIT BREAKERS.					L					3616 VA		125.00%		4520 VA	
TOTAL EST. DEMAND: 8500 VA					BOLD INDICATES REUSE EXISTING CIRCUIT BREAKER TO SERVE NEW LOAD.					R					2880 VA		100.00%		2880 VA	
TOTAL CONN. AMPS: 21 A										Spare					1100 VA		100.00%		1100 VA	
TOTAL EST. DEMAND AMPS: 24 A																				






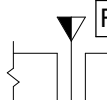
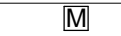
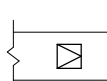

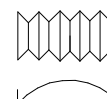



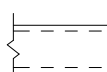
MECHANICAL SYMBOLS AND ABBREVIATIONS

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS INDICATED HERE ARE USED IN THE DRAWINGS AND MAY NOT
APPLY TO THIS PROJECT. ADDITIONAL SYMBOLS MAY BE INDICATED IN THE DRAWINGS.

MECHANICAL ABBREVIATIONS					
AC	-	AIR CONDITIONING UNIT/AIR COMPRESSOR	LAT	-	LEAVING AIR TEMPERATURE
ACC	-	AIR COOLED CONDENSER	LBHR	-	POUNDS PER HOUR
ACCU	-	AIR COOLED CONDENSING UNIT	LF	-	LINEAR FEET
ADU	-	AIR CONDITIONING UNIT	LP	-	LOUVERED PENTHOUSE
AD	-	ACCESS DOOR	LTG	-	LIGHTING
ADJ	-	ADJUSTABLE	LWT	-	LEAVING WATER TEMPERATURE
AFI	-	ABOVE FINISHED FLOOR	MAU	-	MAKE-UP AIR UNIT
AHU	-	AIR HANDLING UNIT	MAX	-	MAXIMUM
AL	-	ALUMINUM	MBH	-	THOUSANDS OF BTU PER HOUR
ALT	-	ALTERNATE	MC	-	MECHANICAL CONTRACTOR
AMD	-	AIR MIXING DEVICE	MCA	-	MINIMUM CIRCUIT AMPACITY
AP	-	ACCESS PANEL	MCC	-	MOTOR CONTROL CENTER
APD	-	AIR PRESSURE DROP	MCC	-	MOTOR CONTROL CENTER
APPROX	-	APPROXIMATE	MEP	-	MECHANICAL, ELECTRICAL AND PLUMBING
ARCH	-	ARCHITECTURAL	MER	-	MECHANICAL EQUIPMENT ROOM
ARU	-	AIR ROTATION UNIT	MEZ	-	MEZZANINE
AS	-	AIR SEPARATOR	MFR	-	MANUFACTURER
AT	-	AIR TERMINAL DEVICE	MIN	-	MINIMUM
AVG	-	AVERAGE	MISC	-	MISCELLANEOUS
			MOD	-	MOTOR OPERATED DAMPER
B	-	BOILER	NA	-	NOT APPLICABLE
BAS	-	BUILDING AUTOMATION SYSTEM	NC	-	NORMALLY CLOSED
BBS	-	BOILER BLOWDOWN SEPARATOR	NO	-	NOT IN CONTRACT
BC	-	BOOSTER COIL	NPS	-	NOMINAL PIPE SIZE
BFS	-	BOILER FEEDWATER SYSTEM	NPH	-	NET POSITIVE SUCTION HEAD
BOD	-	BOTTOM OF BEAM	NPT	-	NATIONAL PIPE THREAD
BOD	-	BOTTOM OF DUCT	NTS	-	NOT TO SCALE
BOP	-	BOTTOM OF PIPE			
BTU	-	BRITISH THERMAL UNITS			
BTUH	-	BRITISH THERMAL UNITS PER HOUR			
C	-	CONVECTOR	OC	-	ON CENTER
CAV	-	CONSTANT AIR VOLUME	OED	-	OPEN END DUCT
CC	-	COOLING COIL	OLP	-	OVERLOAD PROTECTION
CFH	-	CUBIC FEET PER HOUR	OV	-	OUTLET VELOCITY
CFM	-	CUBIC FEET PER MINUTE	P	-	PUMP
CH	-	CHILLER	PC	-	PLUMBING CONTRACTOR
CL	-	CENTERLINE	PCF	-	POUNDS PER CUBIC FOOT
CLG	-	CONDENSATE	PD	-	PRESSURE DROP
COND	-	CONDENSATE	PH	-	PHASE
CONTR	-	CONTRACTOR	PLBG	-	PLUMBING
COP	-	COEFFICIENT OF PERFORMANCE	POC	-	POINT OF CONNECTION
CP	-	CONDENSATE PUMP	PPH	-	POUNDS PER HOUR
CRU	-	CONDENSATE RETURN UNIT	PRV	-	PRESSURE RELIEF VALVE
CT	-	COOLING TOWER	PSF	-	POUNDS PER SQUARE FOOT
CU	-	COPPER	PSI	-	POUNDS PER SQUARE INCH
CUH	-	CABINET UNIT HEATER	PSIA	-	POUNDS PER SQUARE INCH ABSOLUTE
DAP	-	DUCT ACCESS PANEL	PVC	-	POLYVINYL CHLORIDE
DB	-	DRY BULB			
DC	-	DUST COLLECTOR	RAHU	-	ROOFTOP AIR HANDLING UNIT
DDC	-	DIRECT DIGITAL CONTROL	RCF	-	RADIANT CEILING PANEL
DEG	-	DEGREES	REF	-	REF EXHAUST FAN
DH	-	DEHUMIDIFIER	REQD	-	REQUIRED
DIA	-	DIAMETER	RF	-	ROOF
DM	-	DIMENSION	RF	-	RELIEF FAN
DN	-	DOWN	RH	-	RELATIVE HUMIDITY
DWG	-	DRAWING	RPM	-	REVOLUTIONS PER MINUTE
DK	-	DIRECT EXPANSION	RTU	-	ROOF TOP UNIT
			RV	-	ROOF VENTILATOR
EAT	-	ENTERING AIR TEMPERATURE	S/S	-	STAINLESS STEEL
EBB	-	ELECTRIC BASEBOARD	SA	-	SOUND ATTENUATOR
EC	-	ELECTRICAL CONTRACTOR	SCH	-	SCHEDULE
EDR	-	EQUIVALENT DIRECT RADIATION	SF	-	SUPPLY FAN
EF	-	EXHAUST FAN	SHT	-	SHEET
EFF	-	EFFICIENCY	SMD	-	SMOKE MOTORIZED DAMPER
EH	-	EXHAUST HOOD	SP	-	STATIC PRESSURE
EJ	-	EXPANSION JOINT	SPC	-	SPECIFICATION
ELEC	-	ELECTRICAL	SQ	-	SQUARE
ELEV	-	ELEVATION	STD	-	STANDARD
EM	-	EMERGENCY	STRUCT	-	STRUCTURAL
ESP	-	EXTERNAL STATIC PRESSURE			
ET	-	EXPANSION TANK			
ETR	-	EXISTING TO REMAIN			
EUH	-	ELECTRIC UNIT HEATER			
EWT	-	ENTERING WATER TEMPERATURE			
EXH	-	EXHAUST			
EXIST	-	EXISTING			
EXP	-	EXPANSION			
F	-	FAHRENHEIT	T STAT	-	THERMOSTAT
F	-	FILTER	TAP	-	TEMPERATURE AND PRESSURE
F&T	-	FLOAT AND THERMOSTATIC	TBR	-	TO BE REMOVED
FC	-	FORWARD CURVED	TCP	-	TEMPERATURE CONTROL
FCU	-	FAN COIL UNIT	TEMP	-	TEMPERATURE
FD	-	FLOOR DRAIN	TMB	-	TOP OF BEAM
FLA	-	FULL LOAD AMPS	TOD	-	TOP OF DUCT
FLR	-	FLOOR	TOP	-	TOP OF PIPE
FM	-	FACTORY MUTUAL	TOS	-	TOP OF SLAB
FOP	-	FUEL OIL PUMP	TSP	-	TOTAL STATIC PRESSURE
FOT	-	FUEL OIL TANK	TXY	-	THERMAL EXPANSION VALVE
FPD	-	FLUID PRESSURE DROP	TYP	-	TYPICAL
FPI	-	FINS PER INCH	UC	-	UNDERCUT DOOR
FPM	-	FEET PER MINUTE	UH	-	UNIT HEATER
FPS	-	FEET PER SECOND	UN	-	UNLESS OTHERWISE NOTED
FT	-	FEET	UGS	-	UNDERGROUND STORAGE TANK
FTG	-	FOOTING	UV	-	UNIT VENTILATOR
FTIR	-	FIN TUBE RADIATION			
GA	-	GAUGE	V	-	VOLTS
GAL	-	GALLON	V	-	VALVE
GALV	-	GALVANIZED	VA	-	VALVE
GBO	-	GRAVITY BACKDRAFT DAMPER	VAV	-	VARIABLE AIR VOLUME
GC	-	GENERAL CONTRACTOR	VEL	-	VELOCITY
GF	-	GAS FURNACE	VFD	-	VENTILATION FAN
GPH	-	GALLONS PER HOUR	VFL	-	VARIABLE FREQUENCY DRIVE
GPM	-	GALLONS PER MINUTE	VP	-	VELOCITY PRESSURE
GV	-	GRAVITY VENTILATOR	VPR	-	VACUUM PUMP
			VTR	-	VENT THROUGH ROOF
H	-	HUMIDIFIER	W	-	WITH
HC	-	HEATING COIL	WO	-	WITHOUT
HP	-	HEAT PUMP	WB	-	WET BULB
HP	-	HORSEPOWER	WC	-	WATER COLUMN
HRC	-	HEAT RECOVERY COIL	WG	-	WATER GAUGE
HRC	-	HEAT RECLAIM DEVICE			
HX	-	HEAT EXCHANGER	X	-	EXISTING
I	-	INTAKE AIR HOOD			
ID	-	INSIDE DIAMETER			
IE	-	INVERT ELEVATION			
IF	-	INLINE FAN			
IFH	-	INFRARED HEATER			
IN	-	INCHES			


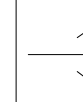




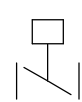
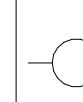
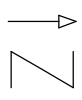












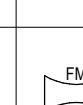
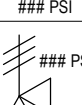


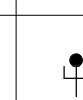
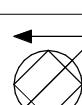
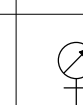


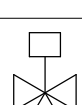
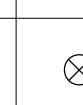




MECHANICAL SYSTEM ABBREVIATIONS			
PIPING SYSTEMS		DUCT SYSTEMS	
CA	- COMPRESSED AIR	EA	- EXHAUST AIR
CWS	- CONDENSER WATER SUPPLY	OA	- OUTSIDE AIR
CWR	- CONDENSER WATER RETURN	RA	- RETURN AIR
CHWS	- CHILLED WATER SUPPLY	SA	- SUPPLY AIR
CHWR	- CHILLED WATER RETURN	TA	- TRANSFER AIR
D	- DRAIN LINE		
PW	- POTABLE WATER		
FOF	- FUEL OIL FILL		
FOS	- FUEL OIL SUPPLY		
FOR	- FUEL OIL RETURN		
FOV	- FUEL OIL VENT		
HPS	- HEAT PUMP WATER SUPPLY		
HPR	- HEAT PUMP WATER RETURN		
HWS	- HOT WATER SUPPLY		
HWR	- HOT WATER RETURN		
HPS	- HIGH PRESSURE STEAM		
HPC	- HIGH PRESSURE STEAM CONDENSATE		
HS	- HYDRONIC SUPPLY (DUAL TEMPERATURE SYSTEM)		
HR	- HYDRONIC RETURN (DUAL TEMPERATURE SYSTEM)		
LPS	- LOW PRESSURE STEAM		
LPC	- LOW PRESSURE STEAM CONDENSATE		
NG	- NATURAL GAS		
NPW	- NON-POTABLE WATER		
PC	- PUMPED CONDENSATE		
RHG	- REFRIGERANT HOT GAS		
RL	- REFRIGERANT LIQUID		
RS	- REFRIGERANT SUCTION		
V	- VENT LINE		
(X) ABBV	- EXISTING SYSTEM		










GRILLE, REGISTER, AND DIFFUSER NOTATION					
GRD TAG (SEE SCHEDULE SHEET FOR FURTHER INFORMATION)					
TYPICAL DESIGNATIONS: CEILING SUPPLY DIFFUSER (CD) SUPPLY GRILLE (SG) LINEAR SLOT (LS) RETURN GRILLE (RG) EXHAUST GRILLE (EG) TRANSFER GRILLE (TG) SUPPLY REGISTER (SR) (SEE SCHEDULE FOR NECK SIZE)					
	-	RECTANGULAR SUPPLY GRILLE, REGISTER, OR DIFFUSER (HORIZONTAL MOUNT)		-	SUPPLY GRILLE, REGISTER, OR DIFFUSER (VERTICAL MOUNT)
	-	ROUND SUPPLY GRILLE, REGISTER, OR DIFFUSER (HORIZONTAL MOUNT)		-	RETURN OR EXHAUST GRILLE OR REGISTER (VERTICAL MOUNT)
	-	RECTANGULAR RETURN GRILLE OR REGISTER (HORIZONTAL MOUNT)		-	DOOR TRANSFER GRILLE
	-	RECTANGULAR EXHAUST GRILLE OR REGISTER (HORIZONTAL MOUNT)		-	UNDERCUT DOOR

MECHANICAL DUCTWORK SPECIALTIES					
	-	MANUAL VOLUME DAMPER		-	COMBINATION FIRE/SMOKE DAMPER
	-	MOTORIZED DAMPER		-	DUCT ACCESS DOOR
	-	BACKDRAFT DAMPER		-	FLEX DUCT (DOUBLE & SINGLE LINE)
	-	FIRE DAMPER		-	IN-DUCT HEATING / COOLING COIL
	-	SMOKE DAMPER		-	LINED DUCTWORK

GENERAL SYMBOLS	
	- REVISION CLOUD WITH TAG
	- VIEW CALLOUT
	- SECTION VIEW
	- VIEW REFERENCE
	- ELEVATION MARKER
	- POINT OF CONNECTION
	- POINT OF DISCONNECTION
	- KEYED NOTE - HEXAGON = NEW CONSTRUCTION - CIRCLE = DEMOLITION
	- MECHANICAL EQUIPMENT TAG
	- PIPE OR DUCT TAG
	- PIPING, DUCTWORK, EQUIPMENT, DEVICES, ETC. TO BE DEMOLISHED
	- EXISTING PIPING, DUCTWORK, OR EQUIPMENT TO REMAIN
	- NEW PIPING, DUCTWORK, OR EQUIPMENT
	- BREAK LINE
	- AIRFLOW DIRECTION ARROW
	- FLOW DIRECTION ARROW

DUCTWORK FITTINGS & SYMBOLS			
	RECTANGULAR / ROUND BRANCH TAKEOFF		TEE (FOR LOW PRESSURE SUPPLY AIR DUCTWORK ONLY)
	ECCENTRIC TRANSITION		CONCENTRIC TRANSITION
	SUPPLY AIR OR OUTSIDE AIR RISE		SUPPLY AIR OR OUTSIDE AIR DROP
	RETURN AIR RISE		RETURN AIR DROP
	EXHAUST AIR RISE		EXHAUST AIR DROP
	RADIUS ELBOW		SQUARE ELBOW
	DUCT CROSSING		DUCT SLOPE IN DIRECTION OF RISE

MECHANICAL PIPING FITTINGS, VALVES, AND SPECIALTIES					
	-	BALANCING VALVE		-	PIPE ELBOW DOWN
	-	BALL VALVE		-	PIPE ELBOW UP
	-	BUTTERFLY VALVE		-	PIPE TEE DOWN
	-	BUTTERFLY VALVE WITH ACTUATOR		-	PIPE TEE UP
	-	CHECK VALVE		-	PIPE UNION
	-	DRAIN VALVE WITH CAPPED END		-	AUTOMATIC AIR VENT
	-	GATE VALVE		-	MANUAL AIR VENT
	-	GLOBE VALVE		-	BALL JOINT
	-	ISOLATION (SHUTOFF) VALVE		-	EXPANSION JOINT
	-	PIPE STRAINER		-	FLEX CONNECTION
	-	PRESSURE REDUCING VALVE		-	FLOW METER
	-	PRESSURE RELIEF VALVE		-	FLOW SWITCH
	-	PUMP		-	PETES PLUG
	-	TRIPLE DUTY VALVE		-	PRESSURE GAUGE
	-	2-WAY CONTROL VALVE		-	PRESSURE SWITCH
	-	3-WAY CONTROL VALVE		-	STEAM TRAP (XX) IB = INVERTED BUCKET T = THERMOSTATIC TAB = FLOAT AND THERMOSTATIC
	-	CAPPED PIPE		-	THERMOMETER
	-	FLOW SENSOR		-	TEMPERATURE SENSOR

MECHANICAL CONTROLS					
	-	SPACE THERMOSTAT/TEMPERATURE SENSOR WITH ASSOCIATED EQUIPMENT TAG		-	CARBON MONOXIDE SENSOR
	-	SPACE HUMIDISTAT		-	CARBON DIOXIDE SENSOR
	-	PRESSURE SENSOR		-	NITROGEN DIOXIDE SENSOR
	-	DUCT SMOKE DETECTOR			
	-	SPEED SWITCH			
	-	STARTER			

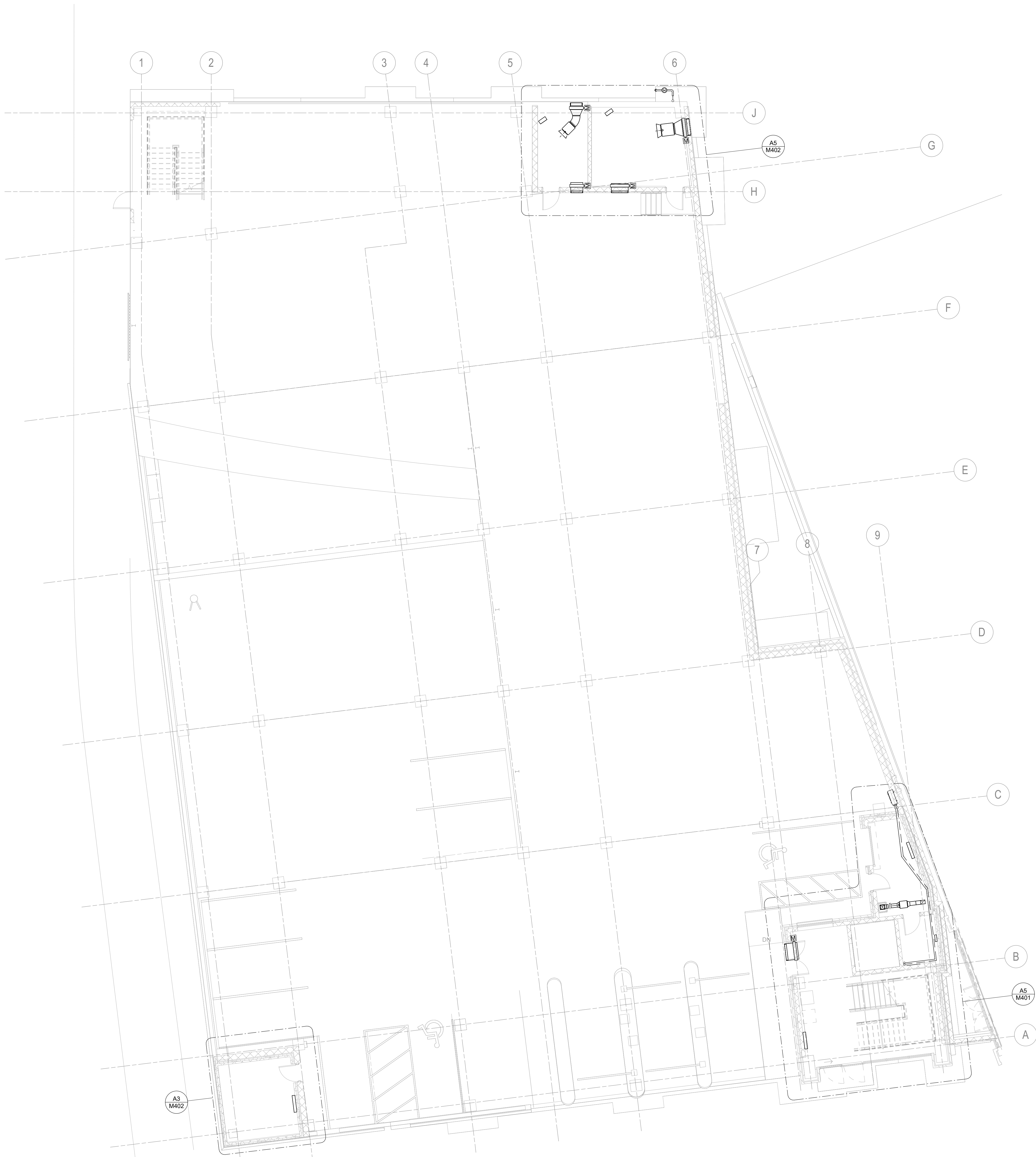
VIEW ORGANIZATION					
D1	D2	D3	D4	D5	D6
C1	C2	C3	C4	C5	C6
B1	B2	B3	B4	B5	B6
A1	A2	A3	A4	A5	A6

MECHANICAL SHEET INDEX	
M001	MECHANICAL SYMBOLS & ABBREVIATIONS
M101	LEVEL ONE PLAN - MECHANICAL
M102	LEVEL TWO PLAN - MECHANICAL
M103	LEVEL THREE PLAN - MECHANICAL
M104	LEVEL FOUR PLAN - MECHANICAL
M105	LEVEL FIVE PLAN - MECHANICAL
M106	LEVEL SIX PLAN - MECHANICAL
M107	LEVEL SEVEN PLAN - MECHANICAL
M101	ENLARGED START TOWER PLANS
M102	ENLARGED PLANS
M101	MECHANICAL SCHEDULES AND DETAILS

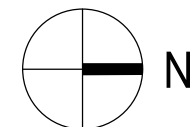
GENERAL PROJECT NOTES	
1.	ALL WORK SHALL COMPLY WITH THE 2015 INTERNATIONAL BUILDING CODE, WISCONSIN MECHANICAL CODE AND ALL APPLICABLE STANDARDS.
2.	DIMENSIONS SHALL BE FIELD-VERIFIED AND COORDINATED PRIOR TO PROCUREMENT OR FABRICATION. COORDINATE THE WORK WITH OTHER TRADES INVOLVED. FIELD MODIFICATIONS SUCH AS OFFSETS IN PIPING OR DUCTWORK (INCLUDING DIVIDED DUCTWORK) NEEDED DUE TO OBSTRUCTIONS OR INTERFERENCES SHALL BE PROVIDED AT NO ADDITIONAL COST. FOR PROJECTS INVOLVING RENOVATION, COORDINATE NEW WORK WITH EXISTING ELEMENTS SUCH AS THE BUILDING STRUCTURE AND ARCHITECTURAL FEATURES, SPRINKLER PIPING, LIGHTS, PLUMBING, AND ELECTRICAL CONDUIT.
3.	DRAWINGS ARE DIAGRAMMATIC IN NATURE. COORDINATE EXACT LOCATION OF ALL CEILING MOUNTED EQUIPMENT SO ALL SERVICEABLE COMPONENTS CAN BE EASILY ACCESSED BY REMOVING CEILING TILES ONLY. REMOVAL OR RELOCATION OF LIGHTING FIXTURES FOR SERVICE ACCESS IS NOT ACCEPTABLE. THE CONTRACTOR SHALL RE-INSTALL EQUIPMENT THAT HAS INADEQUATE OR UNSAFE ACCESSIBILITY. PROVIDE ALL TRANSITIONS, TURNING VANES, ELBOWS, FITTINGS, ETC., TO ALLOW SMOOTH FLOWS. ALL SPLIT DUCT FITTINGS SHALL TRANSITION TO FULL SIZE OF THE SUM OF BOTH BRANCHES, UPSTREAM OF SPLIT. REFER TO TYPICAL DETAILS FOR PIPING AND INSTALLATION OF EQUIPMENT.
4.	PRIOR TO BID, COORDINATE ALL MECHANICAL WORK WITH ELECTRICAL WORK AND OTHER TRADES. SEE SPECIFICATIONS FOR REQUIREMENTS.
5.	GENERAL CONTRACTOR IS RESPONSIBLE TO HAVE QUALIFIED SUBCONTRACTORS PERFORMING ALL WORK. CONTRACTORS AND FOREMEN PERFORMING WORK UNDER THIS DIVISION SHALL MEET THE SPECIFIED MINIMUM QUALIFICATIONS AND LICENSE REQUIREMENTS. QUALIFICATIONS SHALL BE SUBMITTED FOR REVIEW BY A/E PRIOR TO SHOP DRAWING PHASE AND PRIOR TO ANY WORK BEING PERFORMED BY CONTRACTOR. NO PAYMENTS WILL BE AUTHORIZED BY ENGINEER FOR WORK PERFORMED BY SUBCONTRACTING FIRMS OR FOREMEN THAT DO NOT MEET THE MINIMUM QUALIFICATIONS.
6.	WHERE CROWDED LOCATIONS EXIST OR WHERE THERE IS A POSSIBILITY OF CONFLICT BETWEEN TRADES, CONTRACTOR SHALL PREPARE COMPOSITE DRAWINGS SHOWING THE EXACT LOCATION OF PIPES, DUCTS, CONDUIT AND EQUIPMENT. DRAWINGS SHALL BE BASED ON FIELD MEASUREMENTS AND, AFTER CONSULTATION AND AGREEMENT BETWEEN THE TRADES, SHALL BE APPROVED BY THE ARCHITECT/ENGINEER BEFORE INSTALLATION OF THE WORK.
7.	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ENGINEER AND GENERAL CONTRACTOR ON REQUIREMENTS FOR STRUCTURAL SUPPORT

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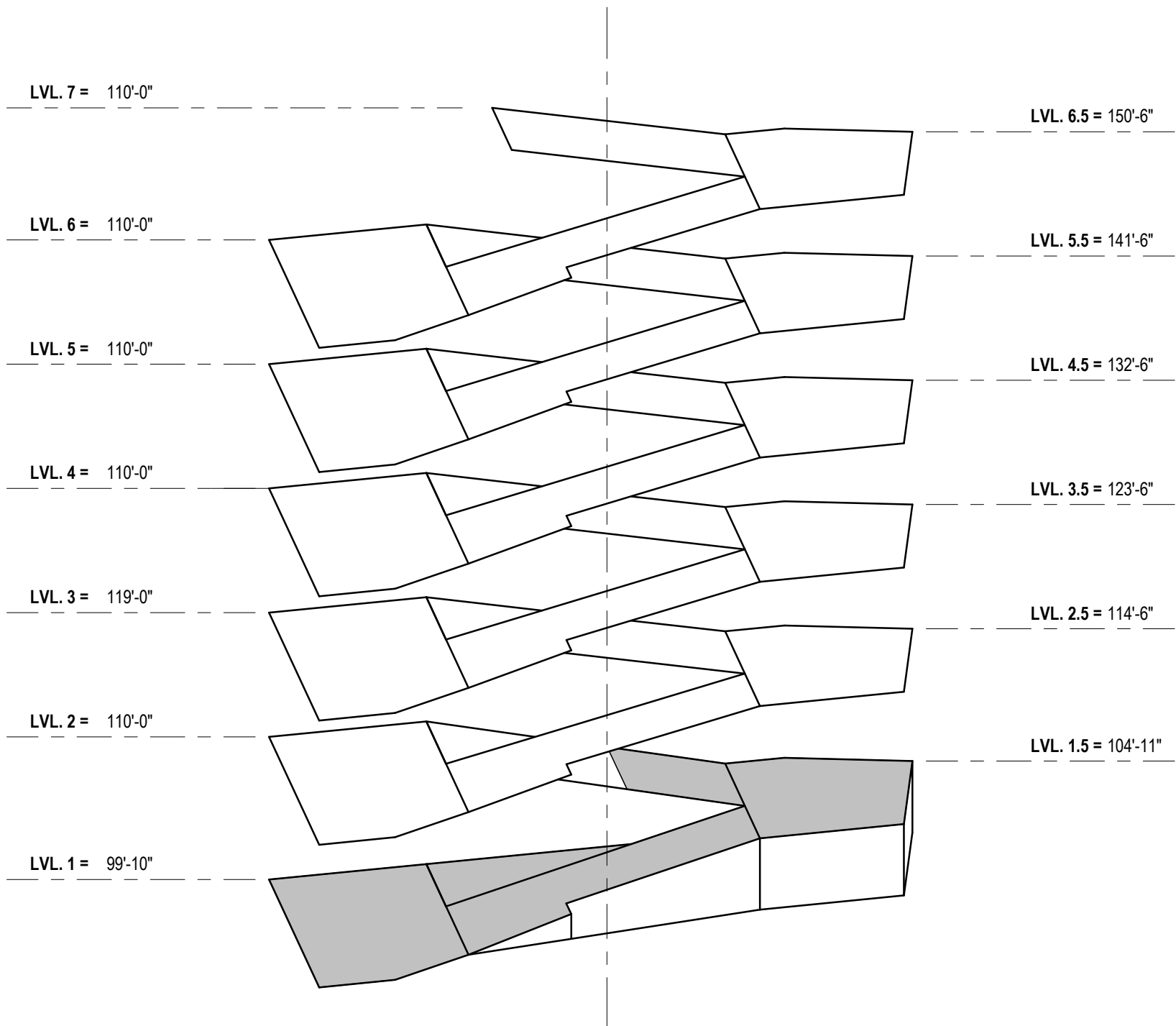
123456



A1 LEVEL ONE PLAN - MECHANICAL
1/8" = 1'-0"



LEVEL ONE KEY PLAN
NTS



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PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: JGB

CHECKED BY: JLC

APPROVED BY: JLC

SCALE: AS NOTED

SHEET TITLE:

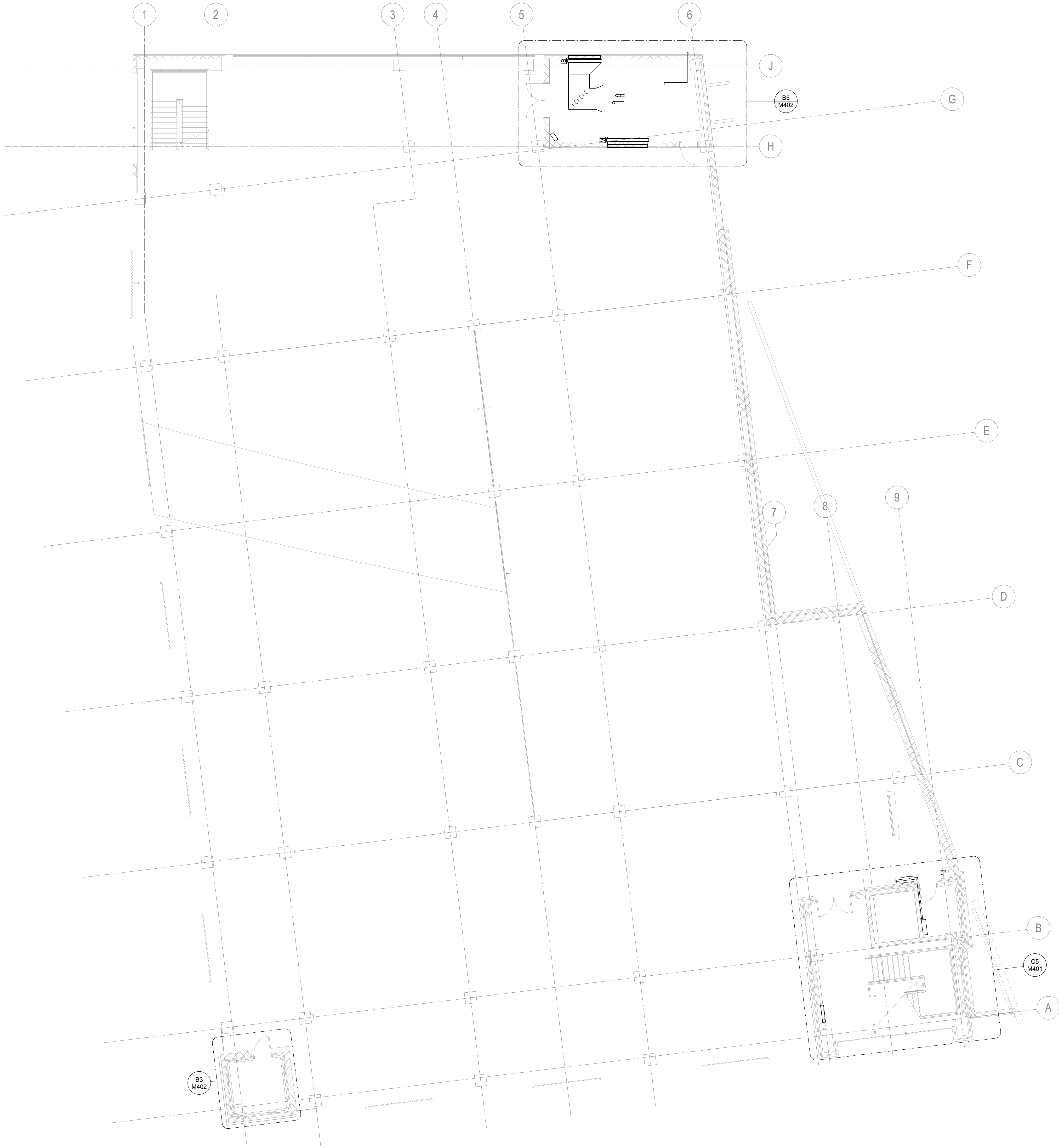
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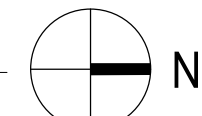
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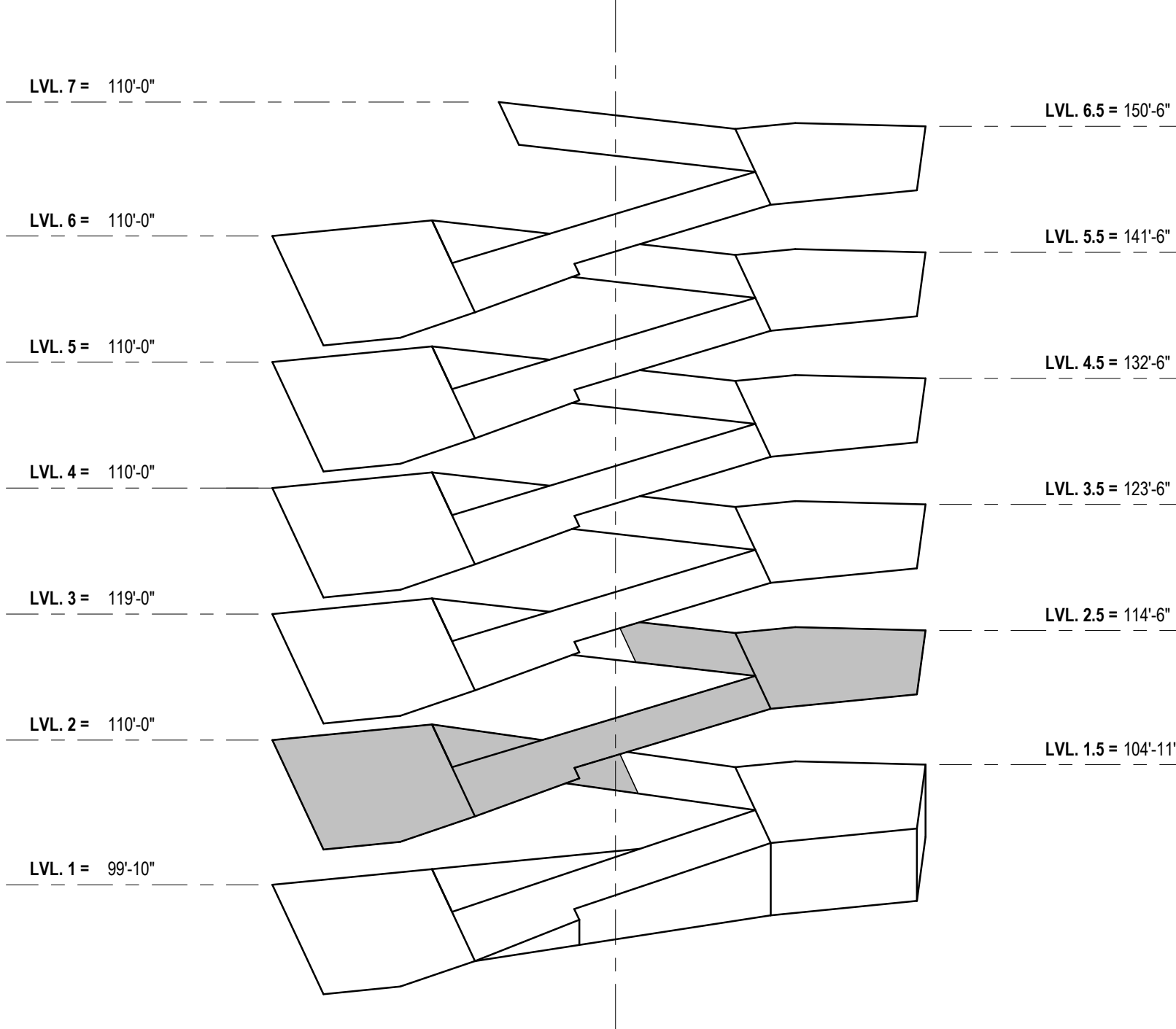
123456



A1 LEVEL TWO PLAN - MECHANICAL
1/8" = 1'-0"



LEVEL TWO KEY PLAN
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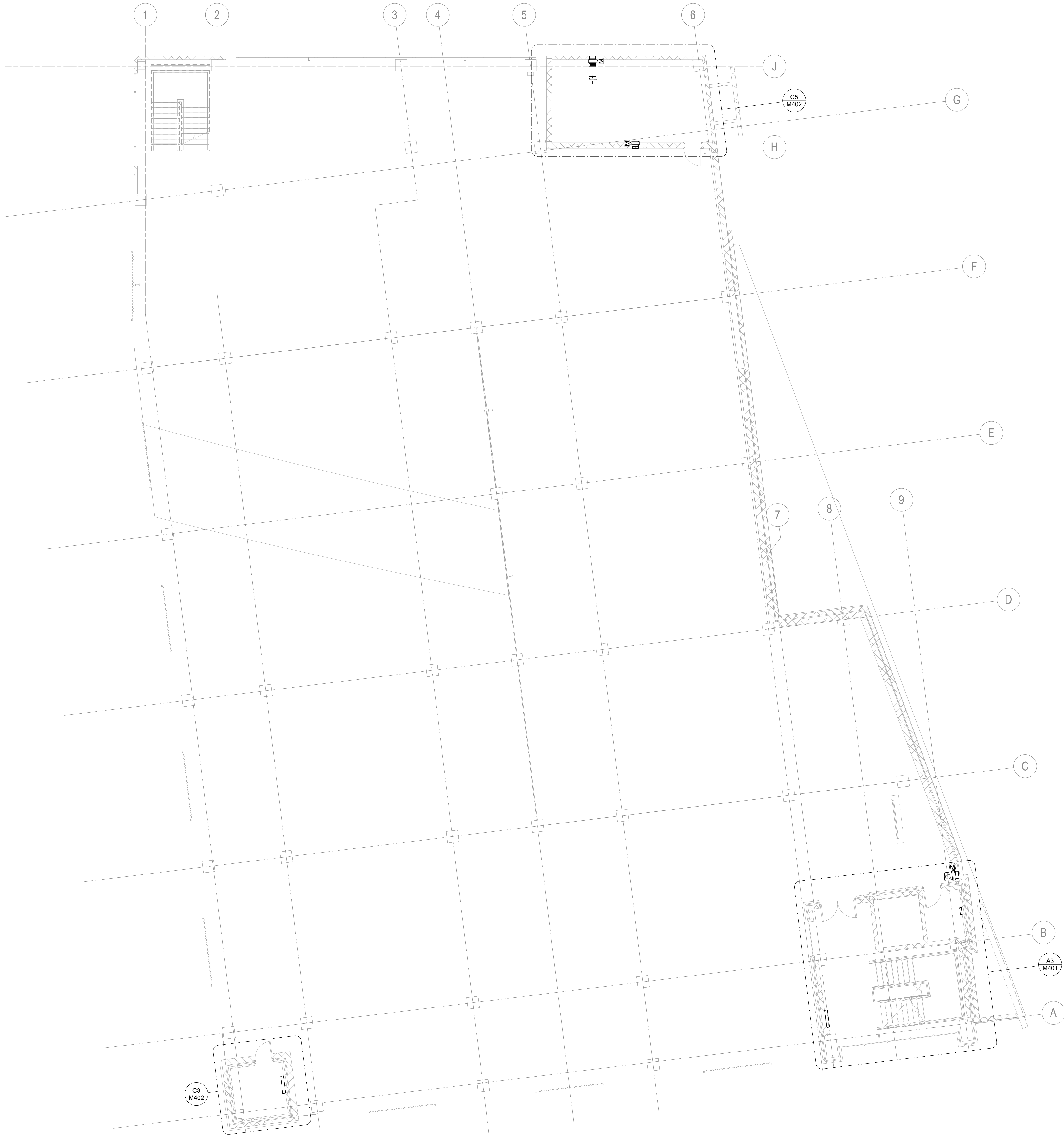
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LEVEL TWO PLAN - MECHANICAL

SHEET NUMBER:

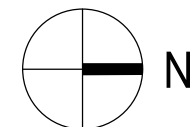
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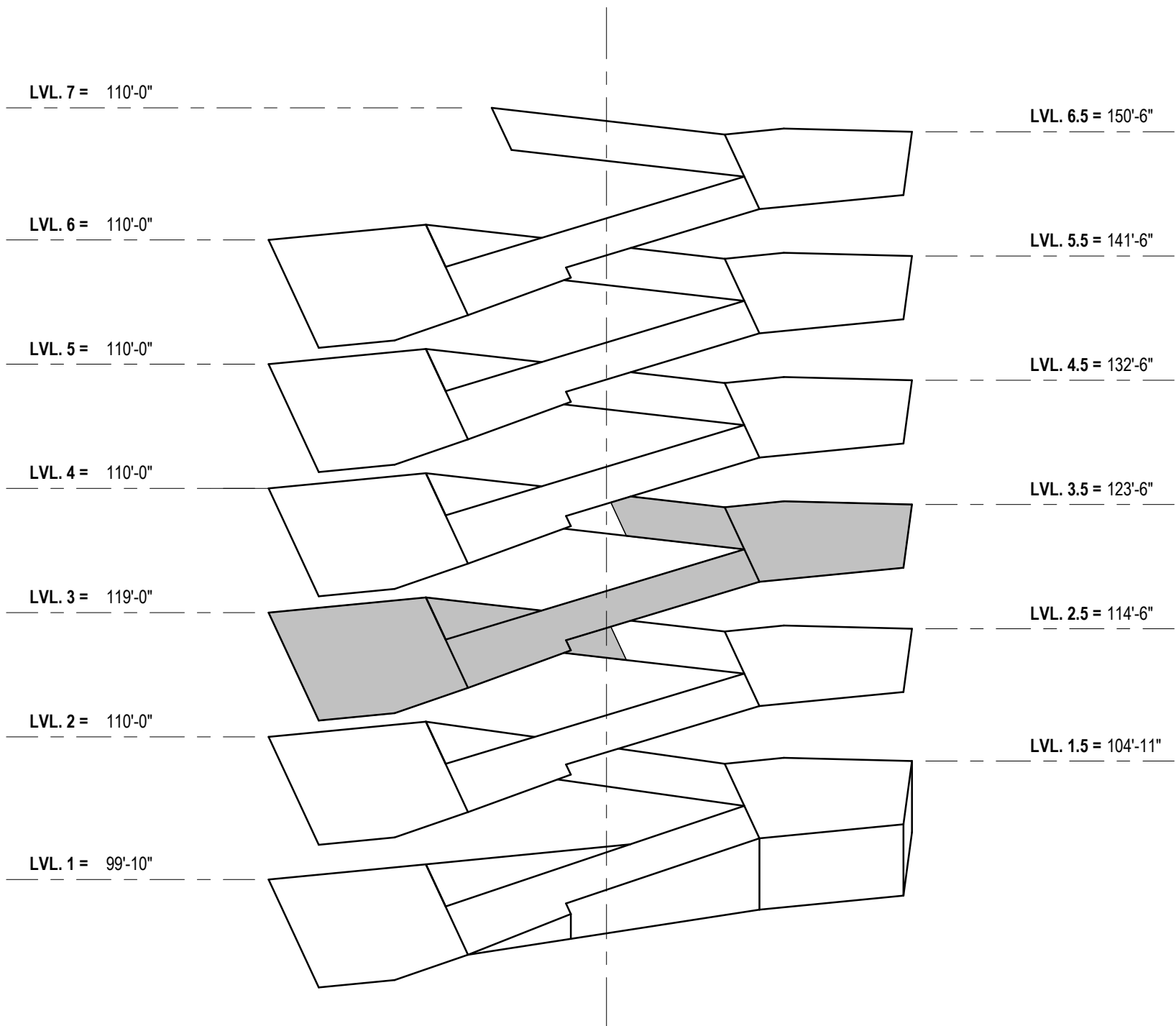
123456



A1 LEVEL THREE PLAN - MECHANICAL
1/8" = 1'-0"



LEVEL THREE KEY PLAN
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SCALE: AS NOTED

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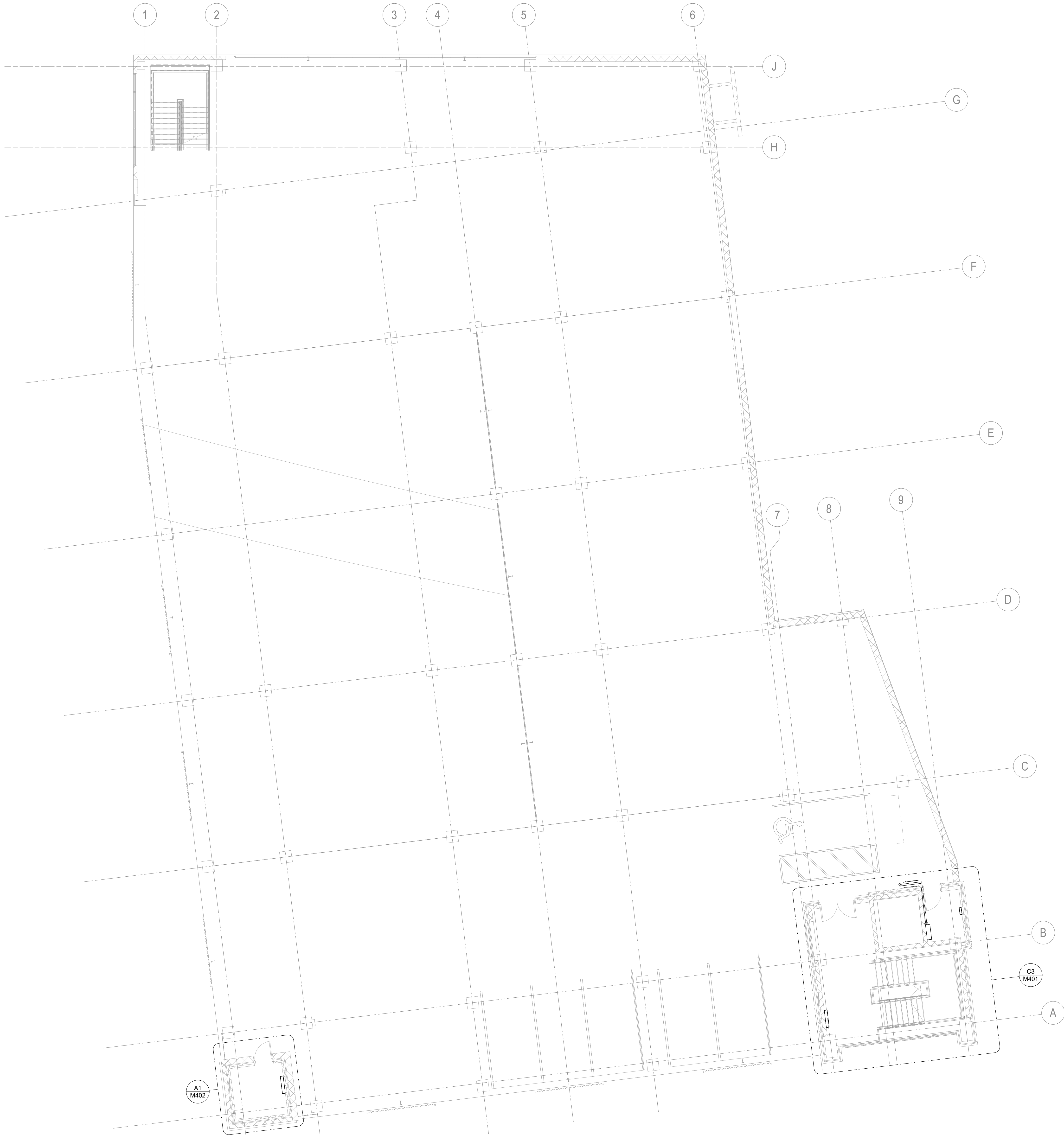
LEVEL THREE PLAN - MECHANICAL

SHEET NUMBER:

M103

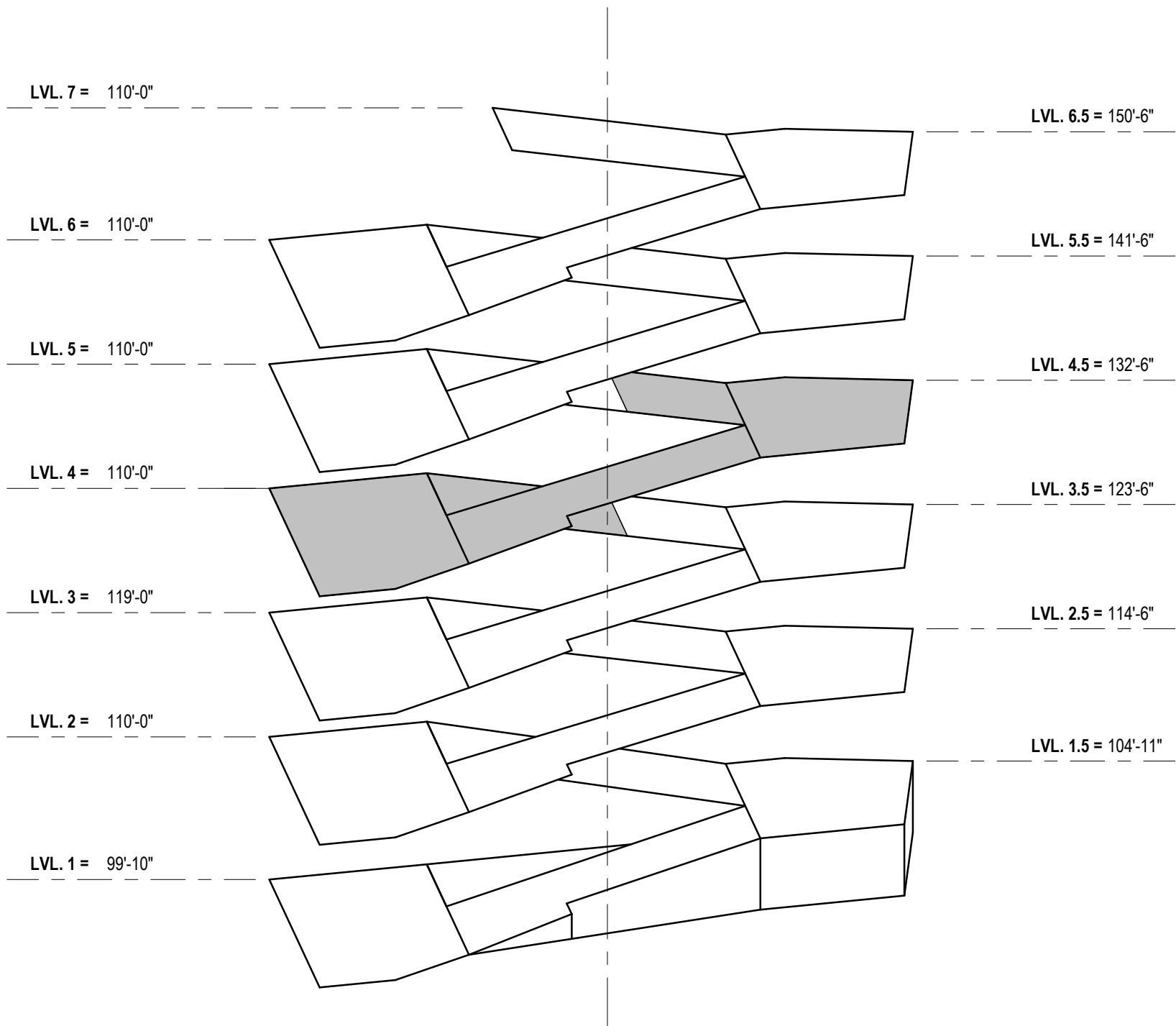
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123456



A1 LEVEL FOUR PLAN - MECHANICAL
1/8" = 1'-0"

LEVEL FOUR KEY PLAN
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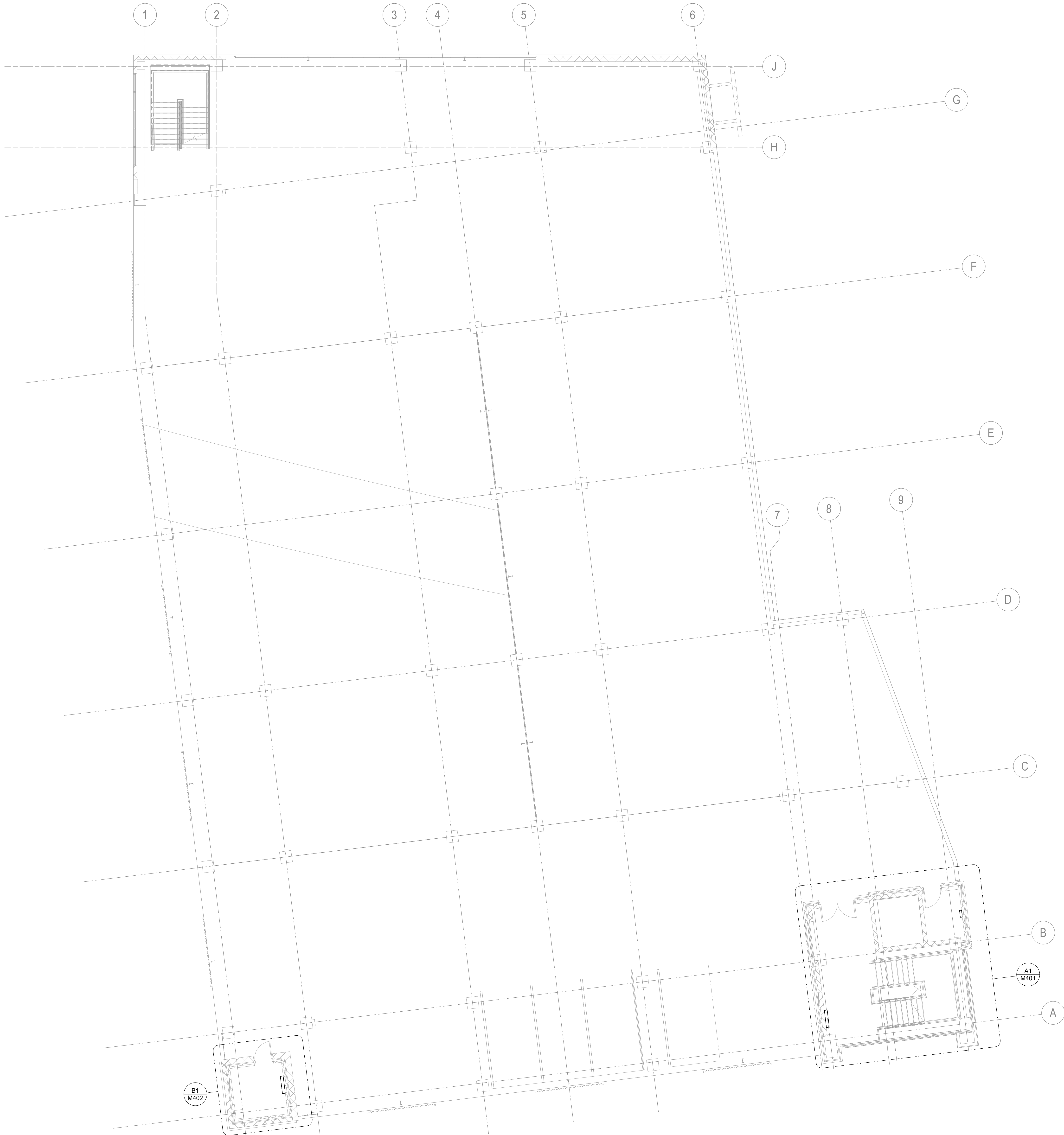
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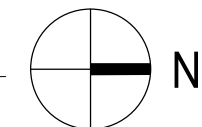
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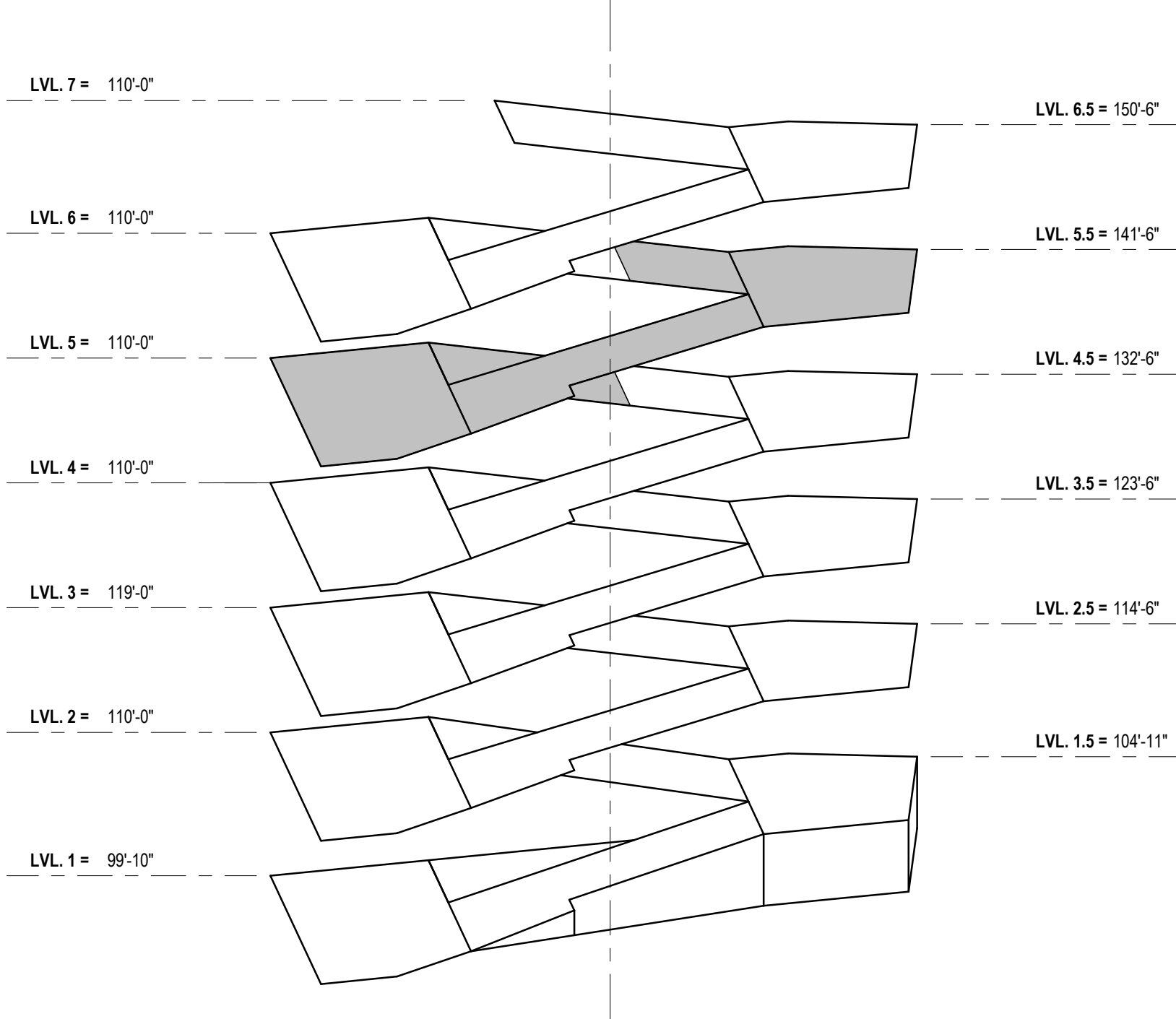
123456



A1 LEVEL FIVE PLAN - MECHANICAL
1/8" = 1'-0"



LEVEL FIVE KEY PLAN
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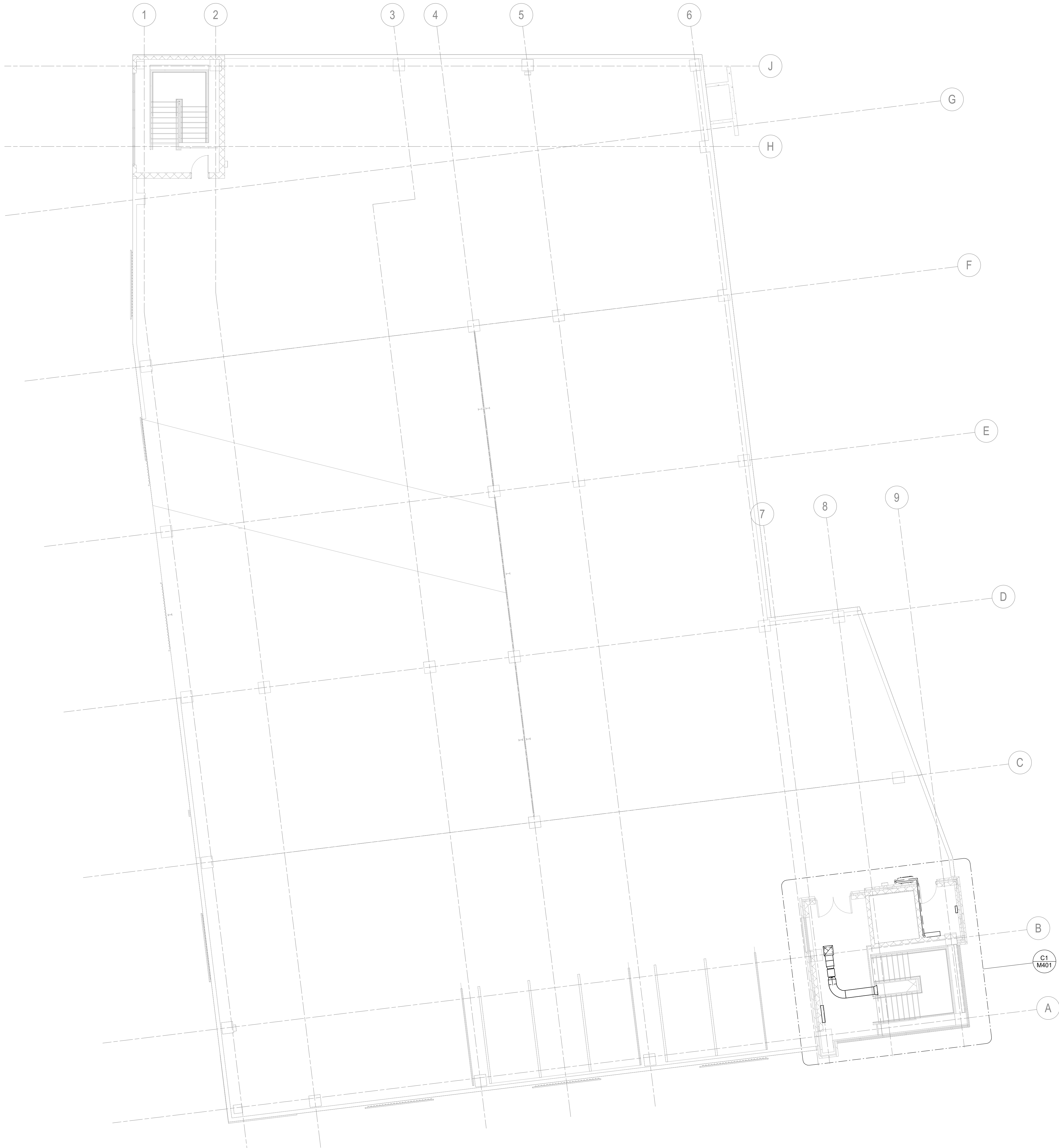
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SHEET NUMBER:

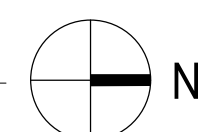
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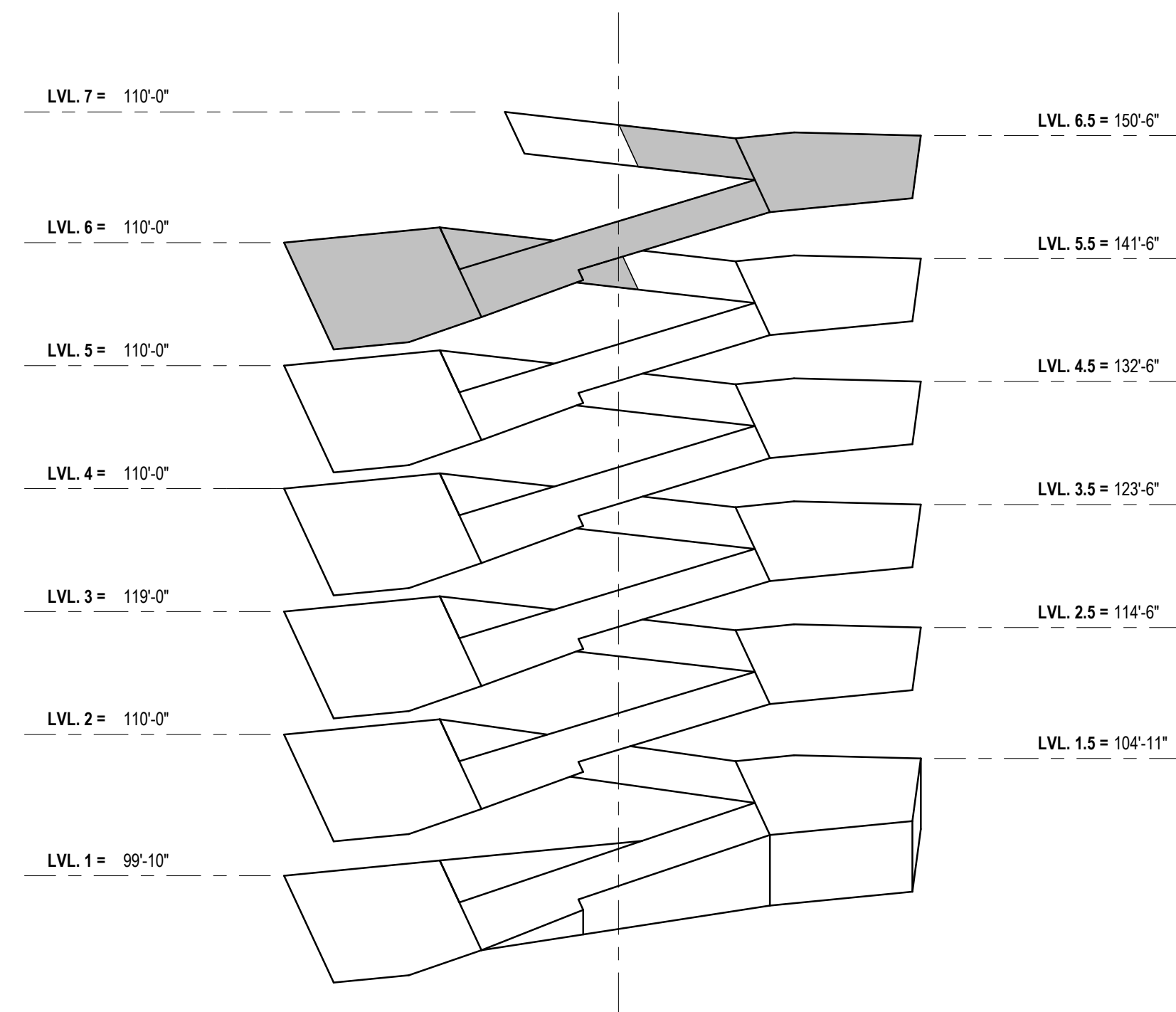
123456



A1 LEVEL SIX PLAN - MECHANICAL
1/8" = 1'-0"



LEVEL SIX KEY PLAN
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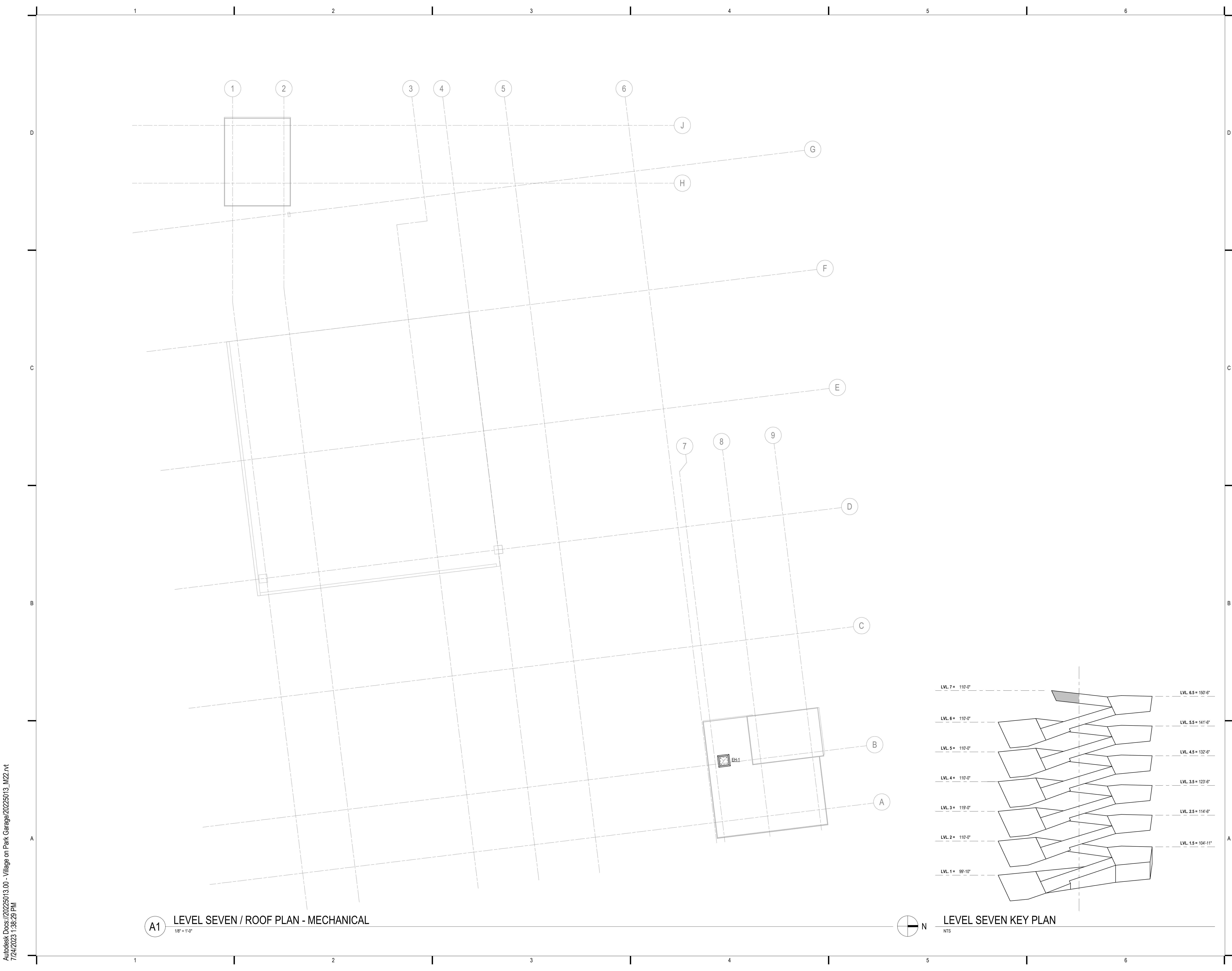
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DATE: 07/28/2023
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SCALE: AS NOTED

SHEET TITLE:
LEVEL SIX PLAN - MECHANICAL

SHEET NUMBER:

M106

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SCALE: AS NOTED

SHEET TITLE:

LEVEL SEVEN PLAN - MECHANICAL

SHEET NUMBER:

M107

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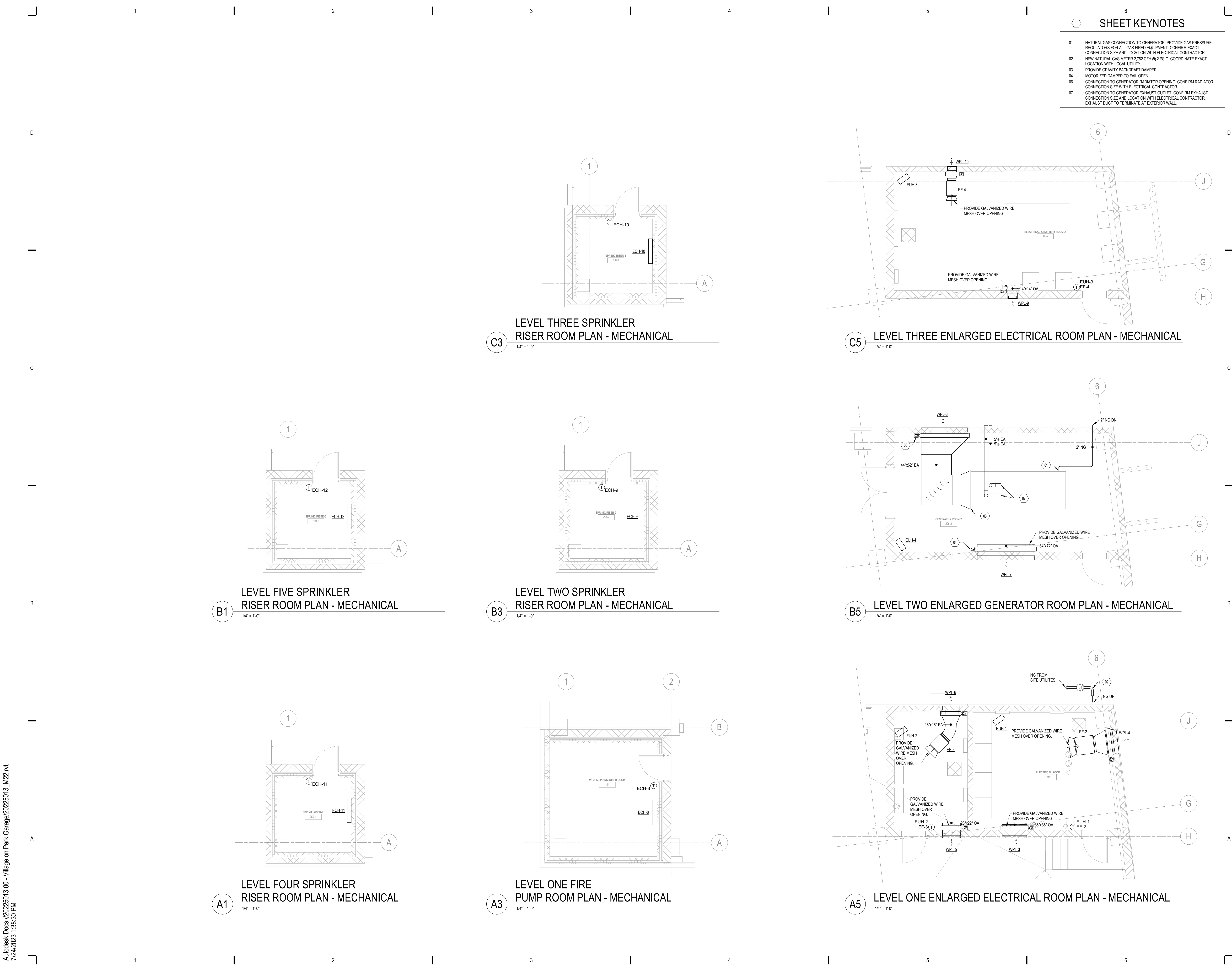
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PROJECT NUMBER: 20225013.00
DATE: 07/28/2023
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CHECKED BY: JLC
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SCALE: AS NOTED

SHEET TITLE:
ENLARGED STAIR TOWER PLANS

SHEET NUMBER:

M401

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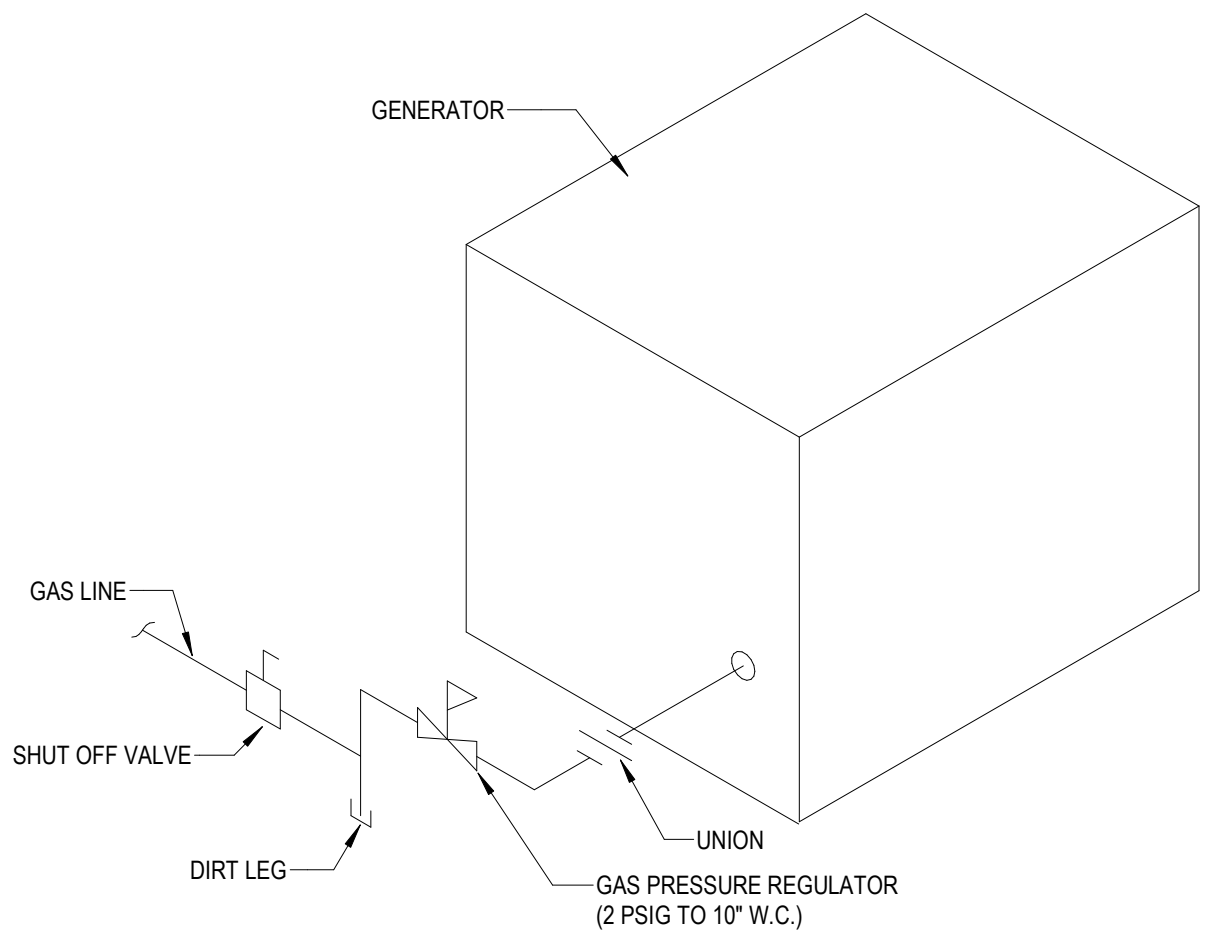
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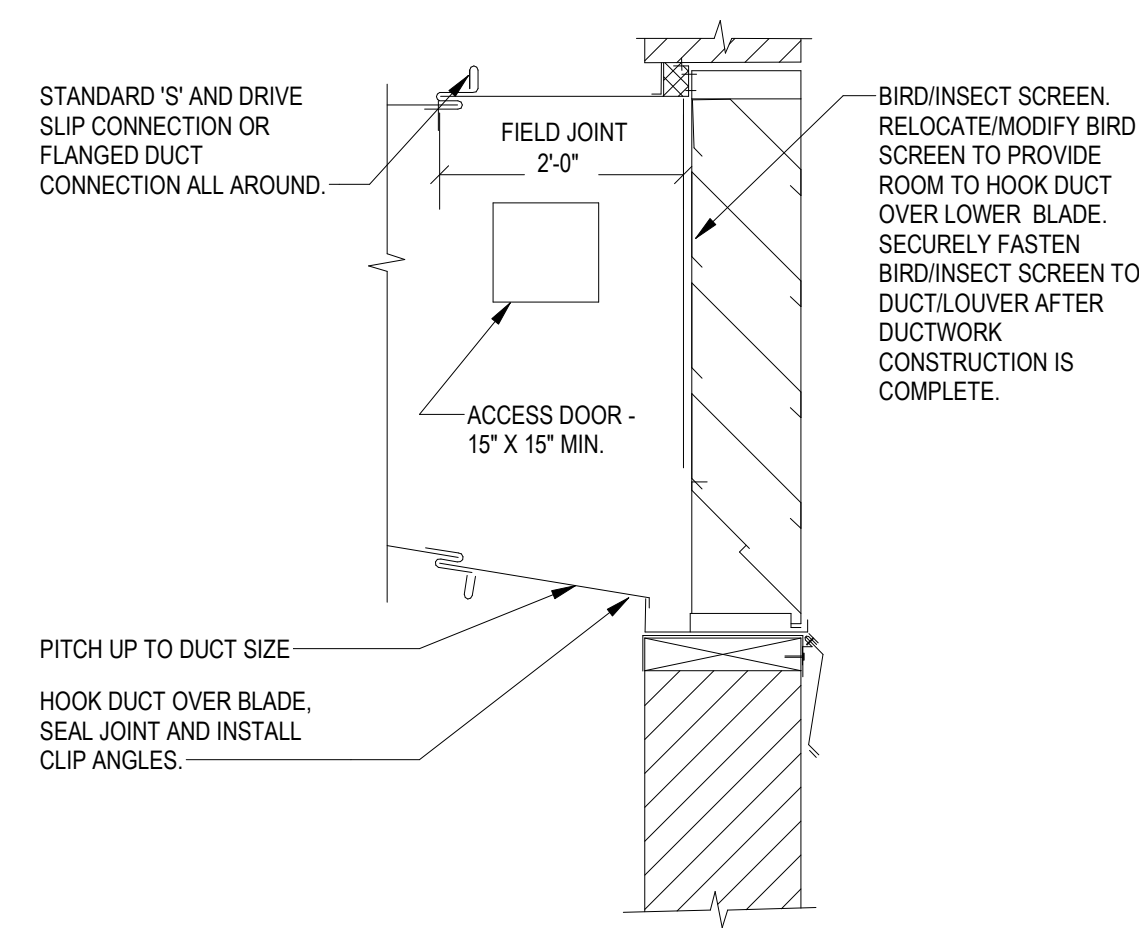
ENLARGED PLANS

SHEET NUMBER:

M402

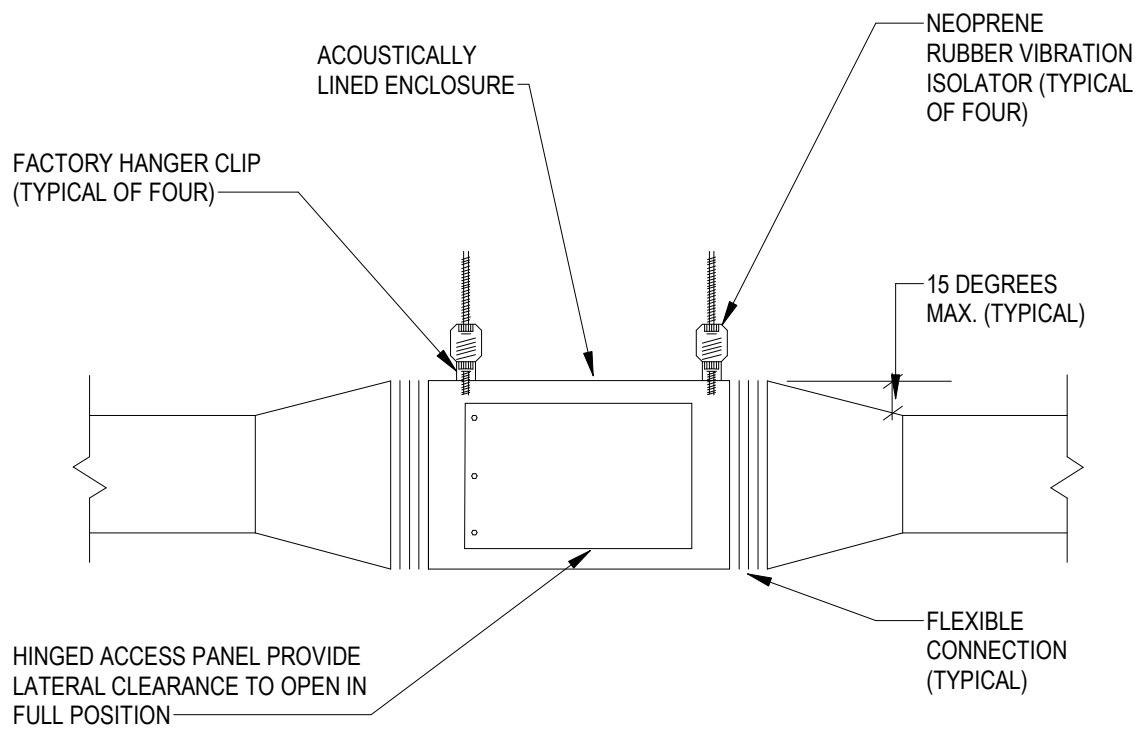


D1 NATURAL GAS TO GENERATOR DETAIL

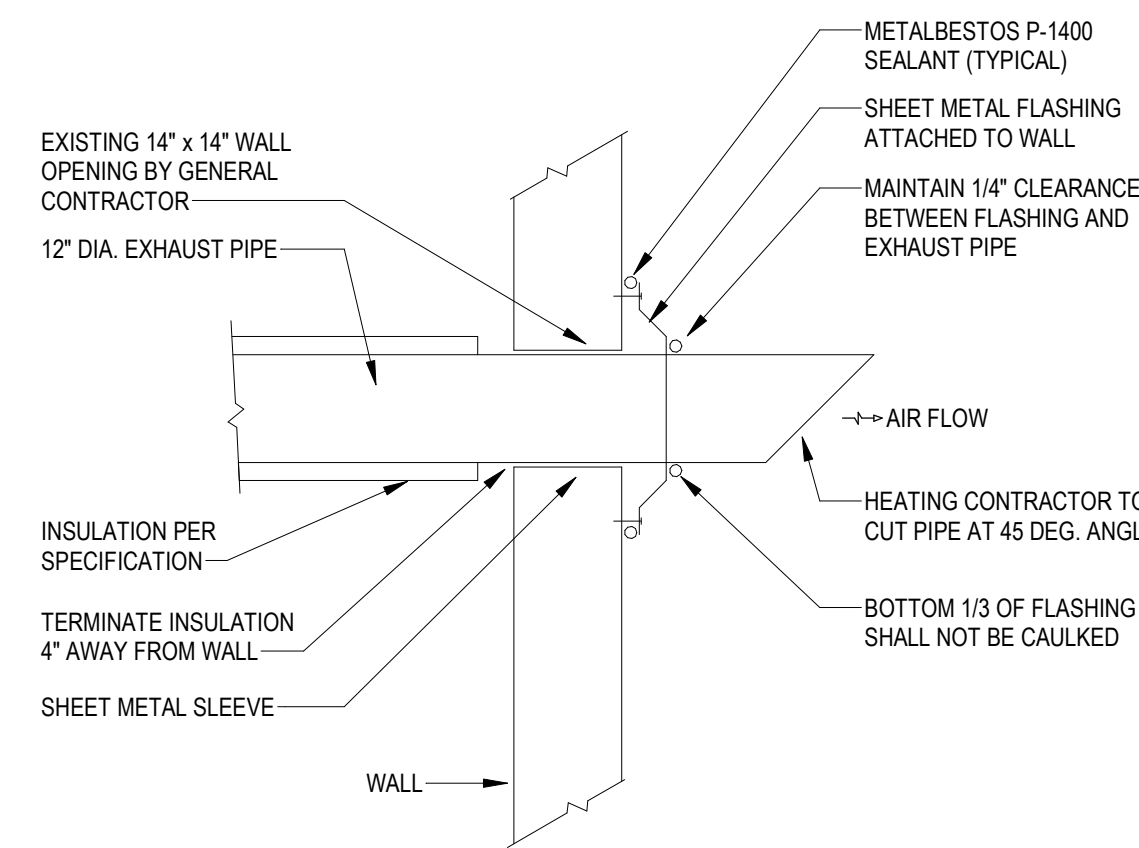


NOTES:
1. SEAL ALL DUCT JOINTS, CORNERS AND SEAMS WATERTIGHT USING SEALANT AND OR SOLDERING. REFER TO SPECIFICATION SECTION 23.31.00 FOR ACCEPTABLE SEALANTS TO BE UTILIZED IN DUCT SYSTEMS

C1 LOUVER DETAIL

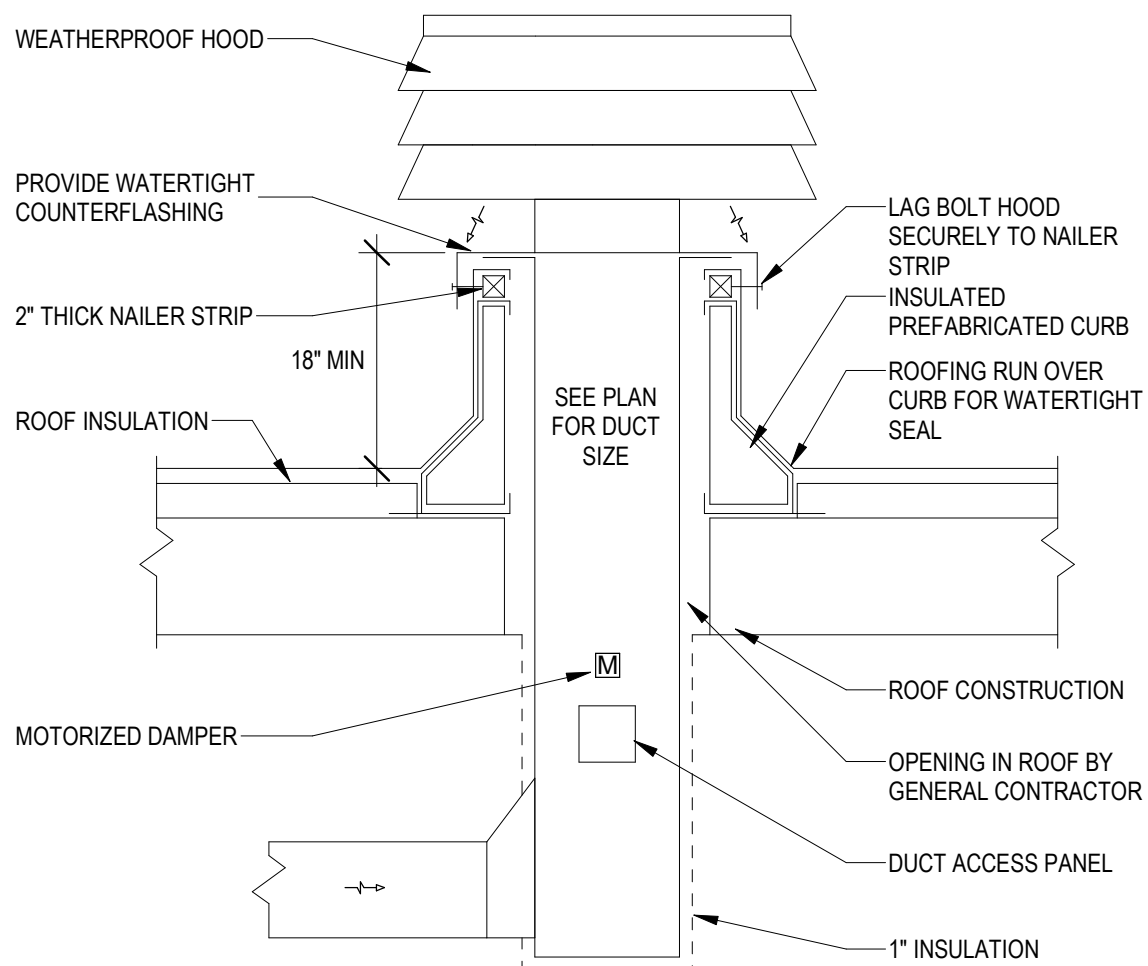


B1 IN-LINE CENTRIFUGAL FAN DETAIL



A1 EXHAUST PIPING THROUGH WALL

ELECTRICAL COORDINATION INFORMATION																												
NOTES:																												
1. NONE																												
TAG	CIRCUIT 1					STARTER												STARTER UNIT / CONTROL			DISCONNECT		COMMENTS					
	VOLTAGE	PHASE	HORSEPOWER	FULL LOAD AMPS	MIN. CURRENT AMPS	TYPE		LOCATION		FURNISHED BY		ACCESSORIES		STARTER UNIT / CONTROL		DISCONNECT												
						COMBINATION / MAGNETIC	REDUCED VOLTAGE	TWO SPEED	VFD	NEAR UNIT ON / IN UNIT	REMOIE	ELECTRICAL CONTRACTOR EQUIPMENT MANUFACTURER	MECHANICAL CONTRACTOR	HAND OFF - AUTO SWITCH	ON - OFF SWITCH	PILOT LIGHT	PUSHBUTTON SWITCH	BUILDING AUTOMATION SYSTEM	INTERLOCK WITH	INTERLOCK WITH								
																					MANUAL	MANUAL						
ECH-1	208	1		25.4		X			X		X					X												
ECH-2	208	1		25.4		X			X		X																	
ECH-3	208	1		20.6		X			X		X																	
ECH-4	208	1		20.6		X			X		X																	
ECH-5	208	1		25.4		X			X		X																	
ECH-6	208	1		25.4		X			X		X																	
ECH-7	208	1		25.4		X			X		X																	
ECH-8	208	1		11		X			X		X																	
ECH-9	208	1		11		X			X		X																	
ECH-10	208	1		11		X			X		X																	
ECH-11	208	1		11		X			X		X																	
ECH-12	208	1		11		X			X		X																	
EF-1	120	1	0.1				X			X									X									
EF-2	120	1	0.75																									
EF-3	120	1	0.5																									
EF-4	120	1	0.25																									
EF-5	120	1	0.5				X			X										X								
EUH-1	208	1		18.4		X				X		X								X								
EUH-2	208	1		18.4		X				X		X								X								
EUH-3	208	1		11.2		X				X		X								X								
EUH-4	208	1		11.2		X				X		X								X								
EW-1	208	1		5.8		X				X		X								X								
EW-2	208	1		5.8		X				X		X								X								
EW-3	208	1		5.8		X				X		X								X								
EW-4	208	1		5.8		X				X		X								X								
EW-5	208	1		5.8		X				X		X								X								
EW-6	208	1		5.8		X				X		X								X								
IU-1	208	1	0.19	1	X					X		X								X								
IU-2	208	1	0.19	1	X					X		X								X								
IU-3	208	1	0.19	1	X					X		X								X								
IU-4	208	1	0.19	1	X					X		X								X								
OU-1	208	1	0.5	11	X					X		X								X								
OU-2	208	1	0.5	11	X					X		X								X								
OU-3	208	1	0.5	11	X					X		X								X								
OU-4	208	1	0.5	11	X					X		X								X								



A2 TYPICAL WEATHERPROOF HOOD DETAIL

HEAT PUMP / VRF INDOOR UNIT (IU) SCHEDULE													
NOTES:													
1. MOUNT BOTTOM OF UNIT AT 7'-8" AFF.													
2. MOUNT BOTTOM OF UNIT AT 6'-8" AFF.													
TAG	DESCRIPTION	OUTDOOR UNIT	REFRIGERANT	COOLING CAPACITY (BTUH)	AIRFLOW (CFM)	SOUND PRESSURE (SBA)	VOLTAGE	PHASE	MCA	MODEL	MANUFACTURER	NOTES	
IU-1	WALL MOUNTED HEAT PUMP	OU-1	R410A	12000	265	34	208	1	1	TPKA0A0121LA00A	TRANE MITSUBISHI	1	
IU-2	WALL MOUNTED HEAT PUMP	OU-2	R410A	12000	265	34	208	1	1	TPKA0A0121LA00A	TRANE MITSUBISHI	2	
IU-3	WALL MOUNTED HEAT PUMP	OU-3	R410A	12000	265	34	208	1	1	TPKA0A0121LA00A	TRANE MITSUBISHI	2	
IU-4	WALL MOUNTED HEAT PUMP	OU-4	R410A	12000	265	34	208	1	1	TPKA0A0121LA00A	TRANE MITSUBISHI	2	

HEAT PUMP / VRF OUTDOOR UNIT (OU) SCHEDULE													
NOTES:													
1. UNIT TO BE HUNG ON WALL 6'-8" AFF.													
TAG	INDOOR UNIT(S)	REFRIGERANT	COOLING CAPACITY (BTUH)	SEER	EER	VOLTAGE	PHASE	MCA	MODEL	MANUFACTURER	NOTES		
OU-1	IU-1	R410A	12000.0	21	13.3	208	1	11	TRUYA-121KA70BA	TRANE MITSUBISHI	1		
OU-2	IU-3	R410A	12000.0	21	13.3	208	1	11	TRUYA-121KA70BA	TRANE MITSUBISHI	1		
OU-3	IU-3	R410A	12000.0	21	13.3	208	1	11	TRUYA-121KA70BA	TRANE MITSUBISHI	1		
OU-4	IU-4	R410A	12000.0	21	13.3	208	1	11	TRUYA-121KA70BA	TRANE MITSUBISHI	1		

GRILLE, REGISTER, AND DIFFUSER SCHEDULE													
NOTES:													
1. NONE													
TAG	DESCRIPTION	DUCT CONNECTION SIZE		FRAME/MODULE SIZE		MAX NC	MATERIAL	MANUFACTURER	MODEL	NOTES			
EG-1	DUCT MOUNTED, 0 DEGREE CORE	WIDTH	HEIGHT	WIDTH	HEIGHT	30	ALUMINUM	PRICE	80				

EXHAUST HOOD (EH) SCHEDULE													
NOTES:													
1. NONE													
TAG	SERVICE	THROAT VELOCITY (FPM)	MAX AIRFLOW (CFM)	THROAT WIDTH	THROAT LENGTH	HOOD WIDTH	HOOD LENGTH	HOOD HEIGHT	MODEL	MANUFACTURER	NOTES		
EH-1	STAIR TOWER	452	1,200	20"	20"	34"	34"	24 1/4"	WRH-20x20	GREENHECK			

EXHAUST FAN (EF) SCHEDULE													
NOTES:													
1. NONE													
TAG	SERVICE	AIRFLOW (CFM)	EXTERNAL STATIC (in-wg)	FAN DRIVE TYPE	MOUNTING TYPE	ELECTRICAL			MODEL	MANUFACTURER	NOTES		
						HORSEPOWER	VOLTAGE	PHASE					
EF-1	STORAGE / JANITOR	280	0.50	DIRECT	INLINE	0.1	120	1	SQ-80-VG	GREENHECK			
EF-2	LEVEL ONE ELECTRICAL ROOM	2,400	0.50	DIRECT	INLINE	0.75	120	1	SQ-160-VG	GREENHECK			
EF-3	LEVEL ONE ELECTRICAL ROOM	1,200	0.50	DIRECT	INLINE	0.5	120	1	SQ-120-VG	GREENHECK			
EF-4	LEVEL THREE EXHAUST	150	0.50	DIRECT	INLINE	0.25	120	1	SQ-97-VG	GREENHECK			
EF-5	STAIR TOWER EXHAUST	1,200	0.50	DIRECT	INLINE	0.5	120	1	SQ-120-VG	GREENHECK			



FIRE PROTECTION SYMBOLS, ABBREVIATIONS, SCHEDULES & SHEET INDEX

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS INDICATED HERE ARE USED IN THE DRAWINGS AND MAY NOT APPLY TO THIS PROJECT. ADDITIONAL SYMBOLS MAY BE INDICATED IN THE DRAWINGS.

FIRE PROTECTION ABBREVIATIONS					
AFF	- ABOVE FINISHED FLOOR	E	- EXISTING	ID	- INSIDE DIAMETER
ARCH	- ARCHITECTURAL	EC	- ELECTRICAL CONTRACTOR	IE	- INVERT ELEVATION
ATM	- ATMOSPHERE	EEW	- EMERGENCY EYE WASH	IN	- INCHES
AVG	- AVERAGE	EEWES	- EMERGENCY EYE WASH / SHOWER	INSL	- INSULATION
BFP	- BACKFLOW PREVENTER	ELEC	- ELECTRICAL	IWH	- INTERIOR WALL HYDRANT
BLDG	- BUILDING	ELEV	- ELEVATION	LF	- LINEAR FOOT
BOB	- BOTTOM OF BEAM	EQUIP	- EQUIPMENT	LPM	- LITERS PER MINUTE
BOP	- BOTTOM OF PIPE	ES	- EMERGENCY SHOWER	M	- METER
BOT	- BOTTOM	ETR	- EXISTING TO REMAIN	MAX	- MAXIMUM
BV	- BALL VALVE	EWI	- ELECTRIC WATER HEATER	MECH	- MECHANICAL
BWV	- BACKWATER VALVE	F	- FAHRENHEIT	MEZZ	- MEZZANINE
CI	- CAST IRON	FA	- FIRE ALARM	MFR	- MANUFACTURER
CLG	- CEILING	FACP	- FIRE ALARM CONTROL PANEL	MIN	- MINIMUM OR MINUTES
CO	- CLEANOUT	FD	- FLOOR CLEANOUT	MISC	- MISCELLANEOUS
COL	- COLUMN	FDG	- FIRE DEPARTMENT CONNECTION	NA	- NOT APPLICABLE
CONC	- CONCRETE	FFE	- FINISHED FLOOR ELEVATION	N.C.	- NORMALLY CLOSED
CONN	- CONNECTION	FH	- FUME HOOD	NIC	- NOT IN CONTRACT
CONTR	- CONTRACTOR	FLR	- FLOOR	NO	- NUMBER
CTR	- CENTER	FP	- FIRE PROOF	N.O.	- NORMALLY OPEN
CU	- COPPER	FU	- FIXTURE UNITS	NPS	- NOMINAL PIPE SIZE
CV	- CHECK VALVE	GAL	- GALLON	NTS	- NOT TO SCALE
DCV	- DOUBLE CHECK VALVE	GCO	- GRADE OR GROUND CLEANOUT	OC	- ON CENTER
DET	- DETAIL	GPH	- GALLONS PER HOUR	OD	- OUTSIDE DIAMETER
DIA	- DIAMETER	GPM	- GALLONS PER MINUTE	PBV	- PRESSURE BALANCING VALVE
DN	- DOWN	GTU	- GATE VALVE	PC	- PLUMBING CONTRACTOR
DS	- DOWNSPOUT OR RAIN LEADER DESIGNATION	HB	- HOSE BIBB	PG	- PRESSURE GAUGE
DWG	- DRAWING	HD	- HUB DRAIN	PLBG	- PLUMBING
		HR	- HOUR	POC	- POINT OF CONNECTION
		HS	- HOSE STATION	PP	- POLYPROPYLENE
		HYD	- HYDRAULIC	PRESS	- PRESSURE

DESIGN CRITERIA	
WATER SUPPLY INFORMATION	WATER SUPPLY SYSTEM HYDRANT AT INTERSECTION OF HUGHES PL & S PARK ST STATIC = 70 PSI RESIDUAL = 57 PSI DATE = 8/16/2022 FLOW TEST BY: MADISON WATER UTILITY
APPLICABLE CODES	1. 2015 INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS 2. 2009 INTERNATIONAL FIRE CODE WITH LOCAL AMENDMENTS 3. NFPA 1, 2015 EDITION 4. NFPA 13, 2013 EDITION 5. NFPA 14, 2013 EDITION 6. NFPA 24, 2013 EDITION 7. NFPA 72, 2013 EDITION 8. NFPA 101, 2015 EDITION WITH LOCAL AMENDMENTS 9. 2013 ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS
FIRE MARSHALL CONTACT INFORMATION	CHRIS CARBON CITY OF MADISON FIRE DEPARTMENT ADDRESS CITY, STATE, ZIP CODE CCARBON@CITYOFMADISON.COM (608) 266-6564

FIRE PROTECTION SHEET INDEX	
F001	FIRE PROTECTION SYMBOLS, SCHEDULES, & ABBREVIATIONS
F101	LEVEL ONE PLAN - FIRE PROTECTION
F102	LEVEL TWO PLAN - FIRE PROTECTION
F103	LEVEL THREE PLAN - FIRE PROTECTION
F104	LEVEL FOUR PLAN - FIRE PROTECTION
F105	LEVEL FIVE PLAN - FIRE PROTECTION
F106	LEVEL SIX PLAN - FIRE PROTECTION

FIRE PROTECTION GENERAL NOTES	
1. SPRINKLER CONTRACTOR IS RESPONSIBLE FOR THE EXECUTION OF THIS WORK AND SHALL BECOME THOROUGHLY FAMILIAR WITH THE PROJECT SPECIFICATIONS BEFORE COMMENCING ANY WORK. THE PROJECT SPECIFICATIONS AND DRAWINGS FORM THE BASIS OF THE CONTRACT REQUIREMENTS AND INCLUDE THE TYPE AND GRADE OF MATERIALS TO BE INSTALLED. EQUIPMENT TO BE FURNISHED. THE MANNER BY WHICH TO BE INSTALLED AND WHERE TO BE LOCATED.	
2. SPRINKLER CONTRACTOR SHALL COORDINATE LOCATION OF ALL SPRINKLER HEADS AND PIPING WITH STRUCTURAL ELEMENTS, MECHANICAL PLUMBING, ELECTRICAL EQUIPMENT AND CEILING CONFIGURATION INDICATED ON DRAWINGS. WHERE NECESSARY SPRINKLER CONTRACTOR SHALL PROVIDE ADDITIONAL SPRINKLERS TO ASSURE REQUIRED DISCHARGE PATTERNS AROUND OBSTRUCTIONS AND DIFFERENT CEILING ELEVATIONS TO YIELD A PROPER DENSITY FOR THE DESIGNED HAZARD.	
3. SPRINKLER LOCATIONS SHOWN ON THESE PLANS ARE SUGGESTED LOCATIONS FOR COORDINATION PURPOSES AND DO NOT RELIEVE THE SPRINKLER CONTRACTOR FROM PROVIDING NECESSARY SPRINKLER QUANTITIES AND LOCATIONS FOR A FULLY SPRINKLED BUILDING. LOCATIONS INDICATED SHALL BE FOLLOWED, AND SPRINKLER CONTRACTOR SHALL PROVIDE ADDITIONAL SPRINKLER LOCATIONS, QUANTITIES AND SPACING AS REQUIRED TO PROVIDE A FULLY SPRINKLED BUILDING ACCORDING TO REQUIREMENTS OF NFPA 13. MADISON FIRE MARSHAL AND OTHER APPLICABLE CODES.	
4. ALL PIPING, FITTINGS AND JOINTS IN SPRINKLER AND STANDPIPE SYSTEMS SHALL CONFORM TO NFPA 13 & 14. NON-METALLIC PIPE AND FITTINGS ARE UNACCEPTABLE.	
5. VALVES WILL BE READILY ACCESSIBLE FROM A SAFE HEIGHT AND ARE TO BE CLEAR OF ALL OBSTRUCTIONS AND THEIR OPERATION SHALL NOT BE ENCUMBERED BY ANY DEVICE OR EQUIPMENT.	
6. INSTALL ALL OVERHEAD HANGERS AND SUPPORTS PRIOR TO SPRAY FIREPROOFING OR DRYWALL CEILING.	
7. PROTECT ELEVATOR MACHINE ROOMS AND ELEVATOR SHAFTS.	
8. SPRINKLER SYSTEM ZONES ARE SHOWN ON DRAWINGS FOR COORDINATION PURPOSES. SPRINKLER CONTRACTOR SHALL FOLLOW ZONING AS CLOSELY AS POSSIBLE, AND SHALL REQUEST IN WRITING ANY VARIATION FROM INDICATED ZONING.	
9. THE SPACE ABOVE THE CEILING IS LIMITED AND THE INSTALLATION OF WORK WILL BE TIGHT. DUE TO THIS, IT IS IMPORTANT THAT THE SPRINKLER CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THEIR WORK WITH THE CEILING SYSTEM HEIGHT AND CONSTRUCTION OF THE STRUCTURAL SYSTEM. THE LIGHTING FIXTURES, THE SPRINKLER HEADS/MAINS AND THE PLUMBING PIPES, ROUTE PIPING AS HIGH AS POSSIBLE. MAINTAIN PROPER SERVICE ACCESS CLEARANCES. ACCURATE SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FIELD INSTALLATION.	
10. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT SHOW EXACT ROUTING OR ALL REQUIRED OFFSETS, ACCESSORIES OR APPURTENANCES. CONTRACTOR SHALL PROVIDE AS REQUIRED TO INSTALL A COMPLETE AND COORDINATED JOB, INCLUDING ANY ADDITIONAL ITEMS REQUIRED TO MEET ACTUAL FIELD CONDITIONS AND EQUIPMENT SELECTED.	
11. SPRINKLER PROTECTION FOR ELECTRICAL ROOMS, TELECOM ROOMS AND ANY ASSOCIATED ROOM PRIMARILY WITH ELECTRICAL EQUIPMENT SHALL BE PROTECTED WITH SIDEWALL SPRINKLER HEADS. SPRINKLER PIPING SHALL NOT BE ROUTED OVERHEAD THROUGH ANY OF THESE ROOMS. STUB INTO ROOMS FOR SIDEWALL HEADS.	
12. PROVIDE UPRIGHT SPRINKLER HEADS WITH HEAD GUARDS UNDER ALL EXPOSED DUCTWORK GREATER THAN 48" IN WIDTH.	
13. WHERE ACOUSTICAL CEILING TILES ARE PROVIDED, ALL SPRINKLERS SHALL BE INSTALLED IN CENTER OF CEILING TILES +/- 1/2 INCH.	
14. SPRINKLER CONTRACTOR SHALL HYDROSTATICALLY TEST ALL SPRINKLER AND STANDPIPE PIPING IN ACCORDANCE WITH NFPA 13 AND NFPA 14 REQUIREMENTS. NEW SPRINKLER AND STANDPIPE PIPING SHALL BE TESTED.	
15. SPRINKLER CONTRACTOR SHALL PERFORM ANY FIRESTOPPING ASSOCIATED WITH HIS WORK. FIRESTOPPING REQUIREMENTS ARE INDICATED IN DIVISION 07 SPECIFICATIONS.	

FIRE PROTECTION SYMBOLS					
	ANGLE VALVE (AV)		DRY PIPE VALVE		POST INDICATOR VALVE
	BACKFLOW PREVENTER (BFP or RP2)		FIRE DEPARTMENT CONNECTION		PREACTION VALVE
	BALANCING VALVE (BV)		FIRE DEPARTMENT HOSE VALVE		PRESSURE GAUGE WITH VALVE (PG)
	BALL VALVE		FIRE DEPARTMENT VALVE		PRESSURE SWITCH (PS)
	BUTTERFLY VALVE (BFV)		FIRE HOSE CABINET		PRESSURE-REDUCING VALVE (PRV)
	CAP ON END OF PIPE		FLOW SWITCH		PUMP (SCHEMATIC)
	CHECK VALVE (CV)		FLUSH FIRE PUMP TEST HEADER		RISER DOWN (ELBOW)
	CONTROL VALVE		FREE-STANDING FIRE DEPARTMENT CONNECTION (FIRE HYDRANT)		RISER UP (ELBOW)
	DRY PIPE VALVE		FREE-STANDING FIRE PUMP TEST HEADER		ROTATING BEACON
	FIRE DEPARTMENT CONNECTION		GAS VALVE (GV)		SOLENOID VALVE (SV)
	FIRE DEPARTMENT HOSE VALVE		GATE VALVE (GV)		THERMOSTATIC MIXING VALVE
	FIRE DEPARTMENT VALVE		GLOBE VALVE (GLV)		UNION (SCREWED)
	FIRE HOSE CABINET		OS&Y VALVE		VALVE
SPRINKLER HEAD TYPES					
	CONCEALED SPRINKLER HEAD		SEMI RECESSED SPRINKLER HEAD		SECURITY PENDENT SPRINKLER HEAD
	PENDENT ON/OFF SPRINKLER HEAD		SIDEWALL SPRINKLER HEAD		CONCEALED SIDEWALL SPRINKLER HEAD
	PENDENT SPRINKLER HEAD		UPRIGHT SPRINKLER HEAD		

VIEW LOCATION LEGEND						
D1	D2	D3	D4	D5	D6	
C1	C2	C3	C4	C5	C6	
B1	B2	B3	B4	B5	B6	
A1	A2	A3	A4	A5	A6	

GENERAL SYMBOLS			
	REVISION CLOUD WITH TAG		INVERT ELEVATION
	VIEW CALLOUT (ENLARGED PLANS)		ELEVATION MARKER
	SECTION VIEW		POINT OF CONNECTION (POC)
	STACK REFERENCE		POINT OF DISCONNECTION
	VIEW REFERENCE (DETAIL TAGS)		PLAN KEYED NOTE
	ISOMETRIC TAG		PIPE TAG
	PIPING, EQUIPMENT, DEVICES, ETC. TO BE DEMOLISHED		
	EXISTING PIPING OR EQUIPMENT TO REMAIN		
	NEW PIPING OR EQUIPMENT		

FIRE PROTECTION SYSTEM LABELS			
	FIRE MAIN		SPRINKLER
	STANDPIPE		DRAIN PIPE
	COMBINATION SPRINKLER STANDPIPE		

FIRE PUMP SCHEDULE														
NOTES:														
1.	INSTALL WITH JOCKEY PUMP, SIZED PER MANUFACTURER'S RECOMMENDATIONS.													
TAG	MANUFACTURER	MODEL	TYPE	SUCTION SIZE (IN)	DISCHARGE SIZE (IN)	EFFICIENCY	HEAD PRESSURE (FT-H2O)	FLOW RATE (GPM)	OPERATING TEMPERATURE (°F)	RPM	ELECTRICAL			NOTES
											HORSEPOWER	VOLTAGE	PHASE	
FP-1	AC FIRE PUMP	6x6dF	SPLIT CASE	6"	6"	71	230.70	750	65	3,550	61.5	480	3	1

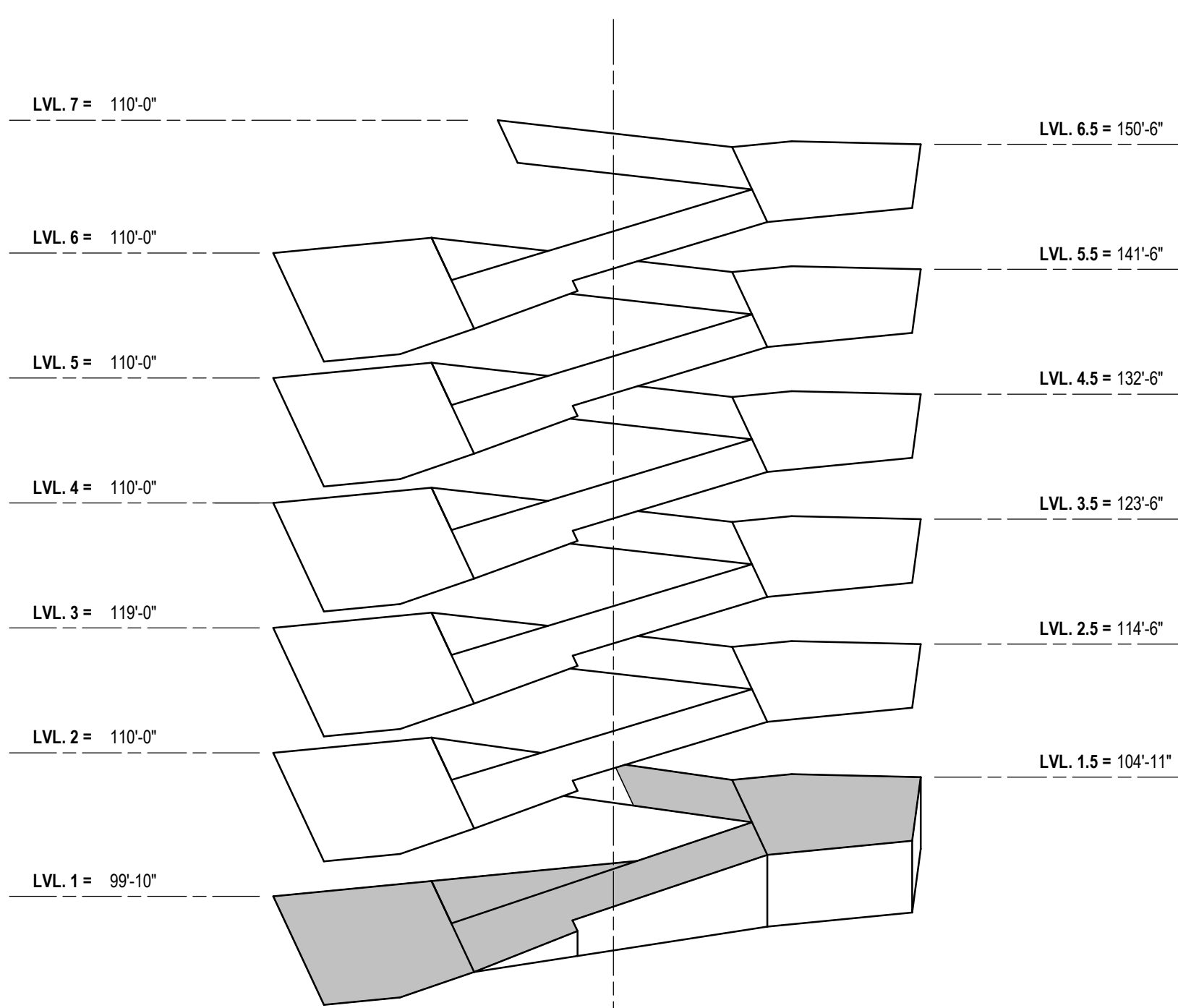
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A1 LEVEL ONE PLAN - FIRE PROTECTION

1/8" = 1'-0"

B5 ENLARGED FIRE PROTECTION PLAN

1/4" = 1'-0"



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CLIENT:

Community Development Authority of
the City of Madison



Madison Municipal Building
215 Martin Luther King Jr Blvd
Suite 161
Madison, WI 53703

PROJECT TITLE:

VILLAGE ON PARK IMPROVEMENTS
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

1 07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 20225013.00

DATE: 07/28/2023

DRAWN BY: AMM

CHECKED BY: JLC

APPROVED BY: JLC

SCALE: AS NOTED

SHEET TITLE:

LEVEL ONE PLAN - FIRE
PROTECTION

SHEET NUMBER:

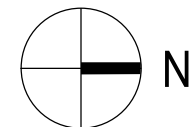
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A1

LEVEL TWO PLAN - FIRE PROTECTION

1/8" = 1'-0"



LEVEL TWO KEY PLAN

NTS

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PROJECT TITLE:

VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

1 07/28/2023 BID DOCUMENTS

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APPROVED BY: JLC

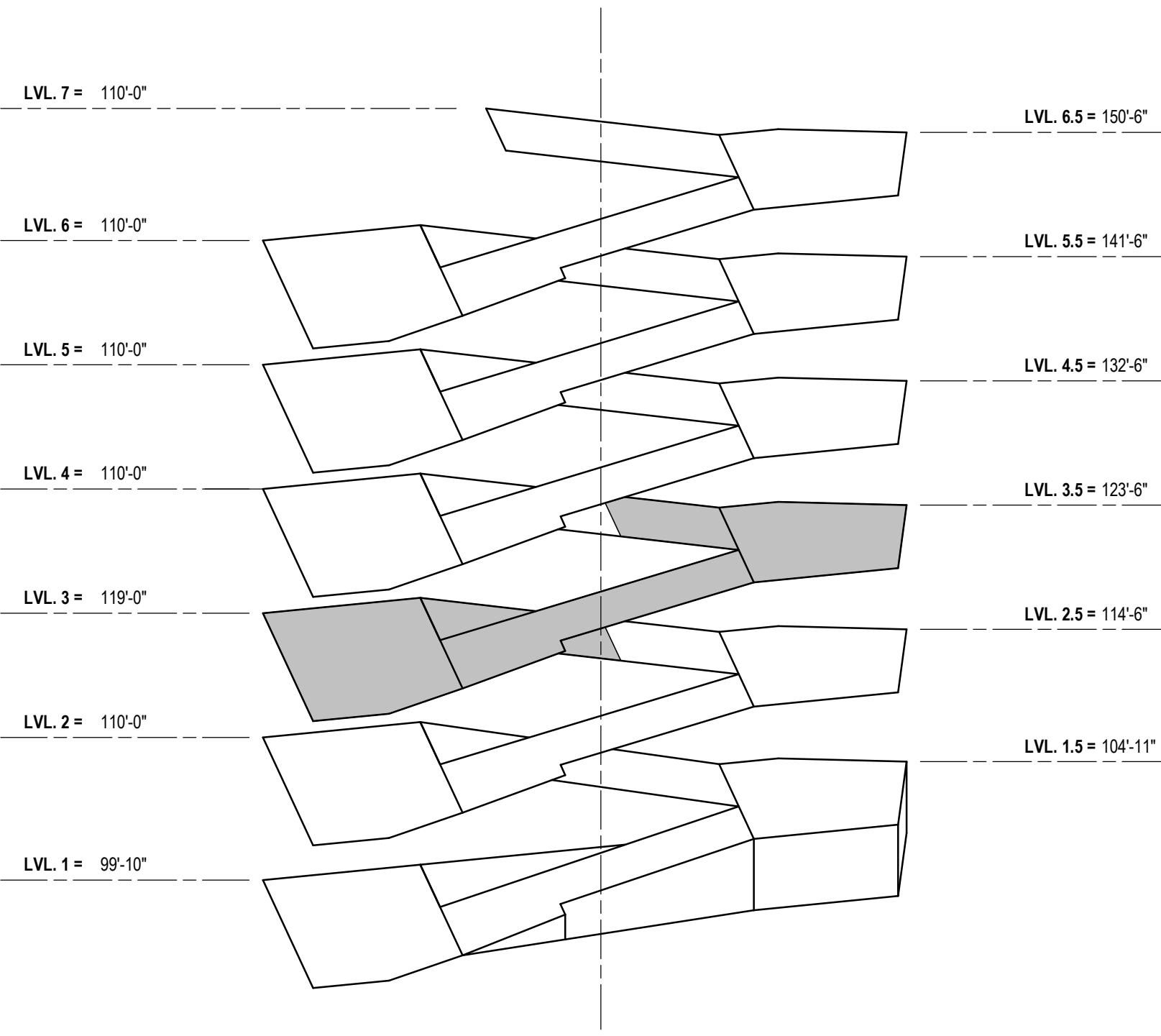
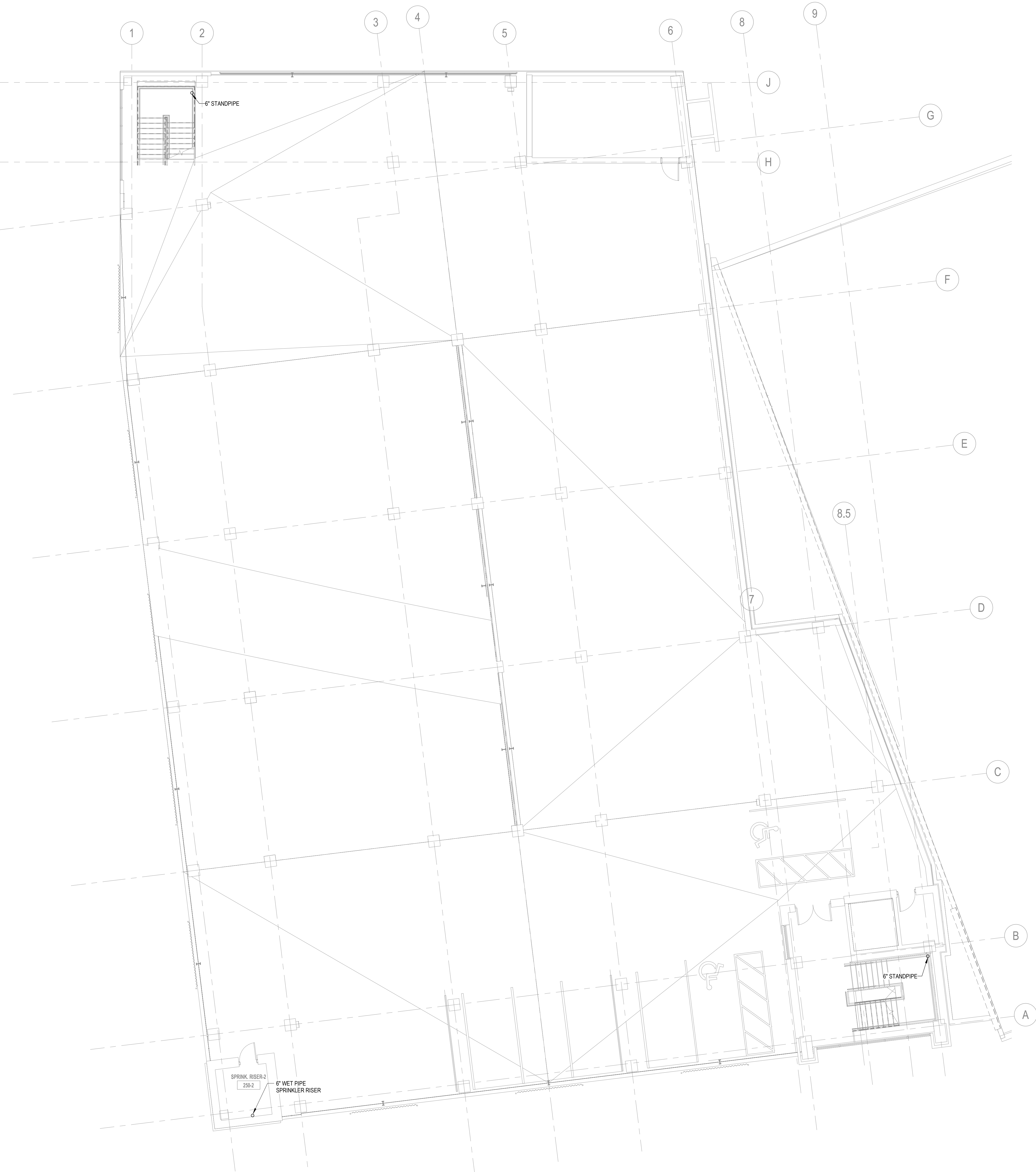
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SHEET TITLE:

LEVEL TWO PLAN - FIRE
PROTECTION

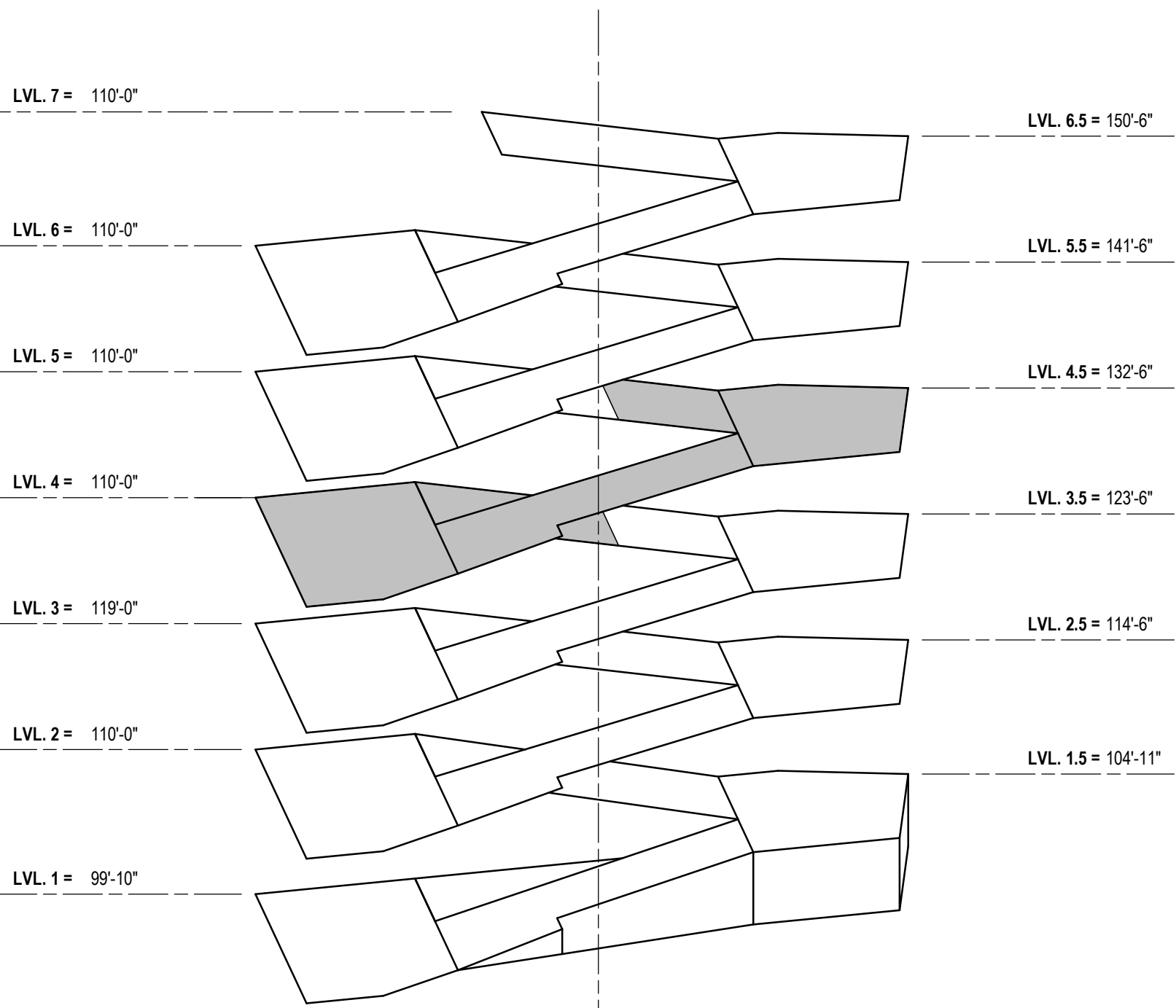
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F102



A1 LEVEL THREE PLAN - FIRE PROTECTION
1/8" = 1'-0"

LEVEL THREE KEY PLAN
NTS

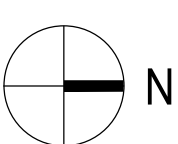


LEVEL FOUR KEY PLAN

NTS

A1 LEVEL FOUR PLAN - FIRE PROTECTION

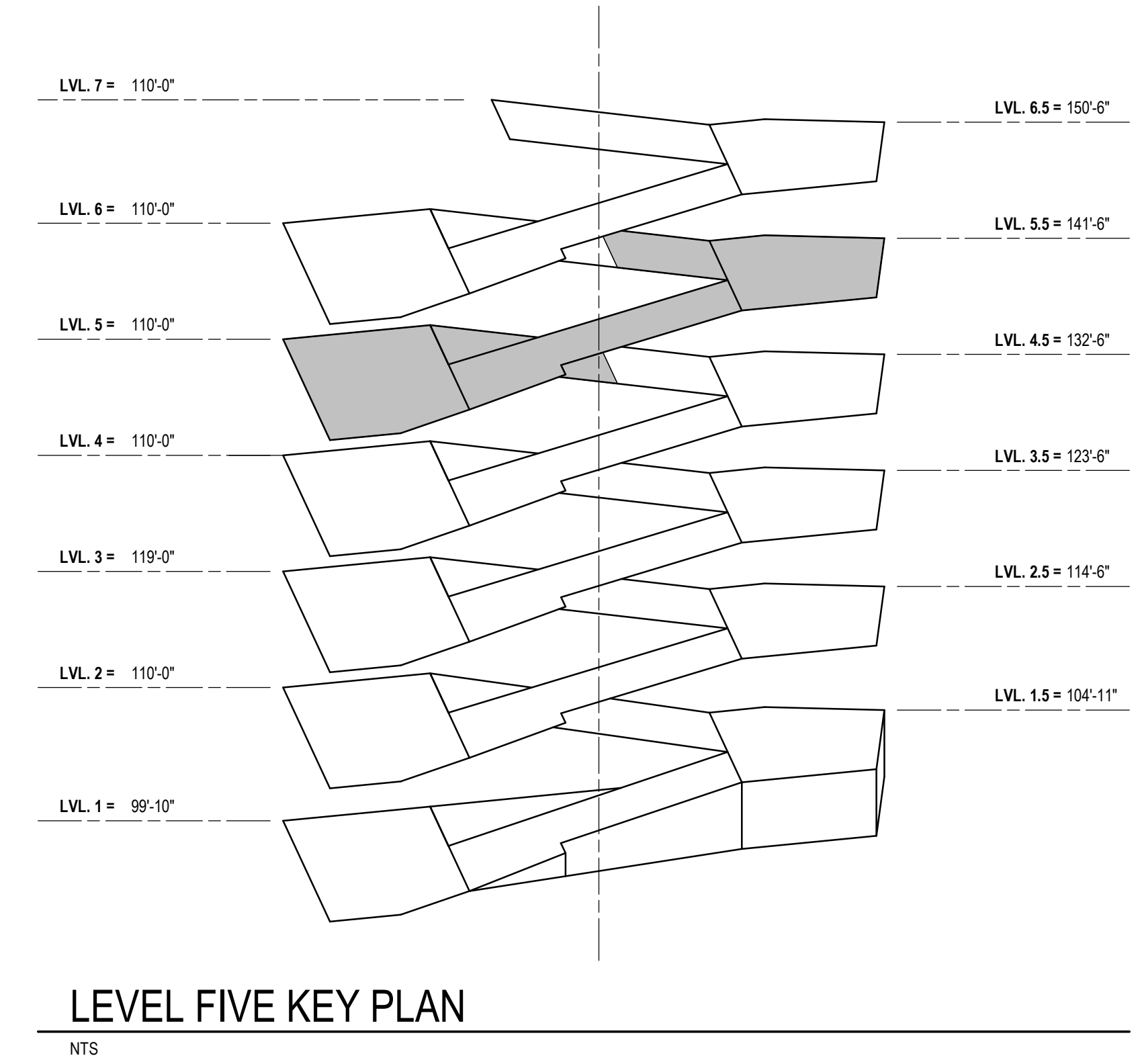
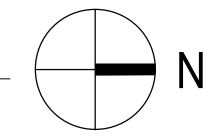
1/8" = 1'-0"



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A1 LEVEL FIVE PLAN - FIRE PROTECTION
1/8" = 1'-0"



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Madison, WI 53703

PROJECT TITLE:
VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

ISSUE:
1 07/28/2023 BID DOCUMENTS

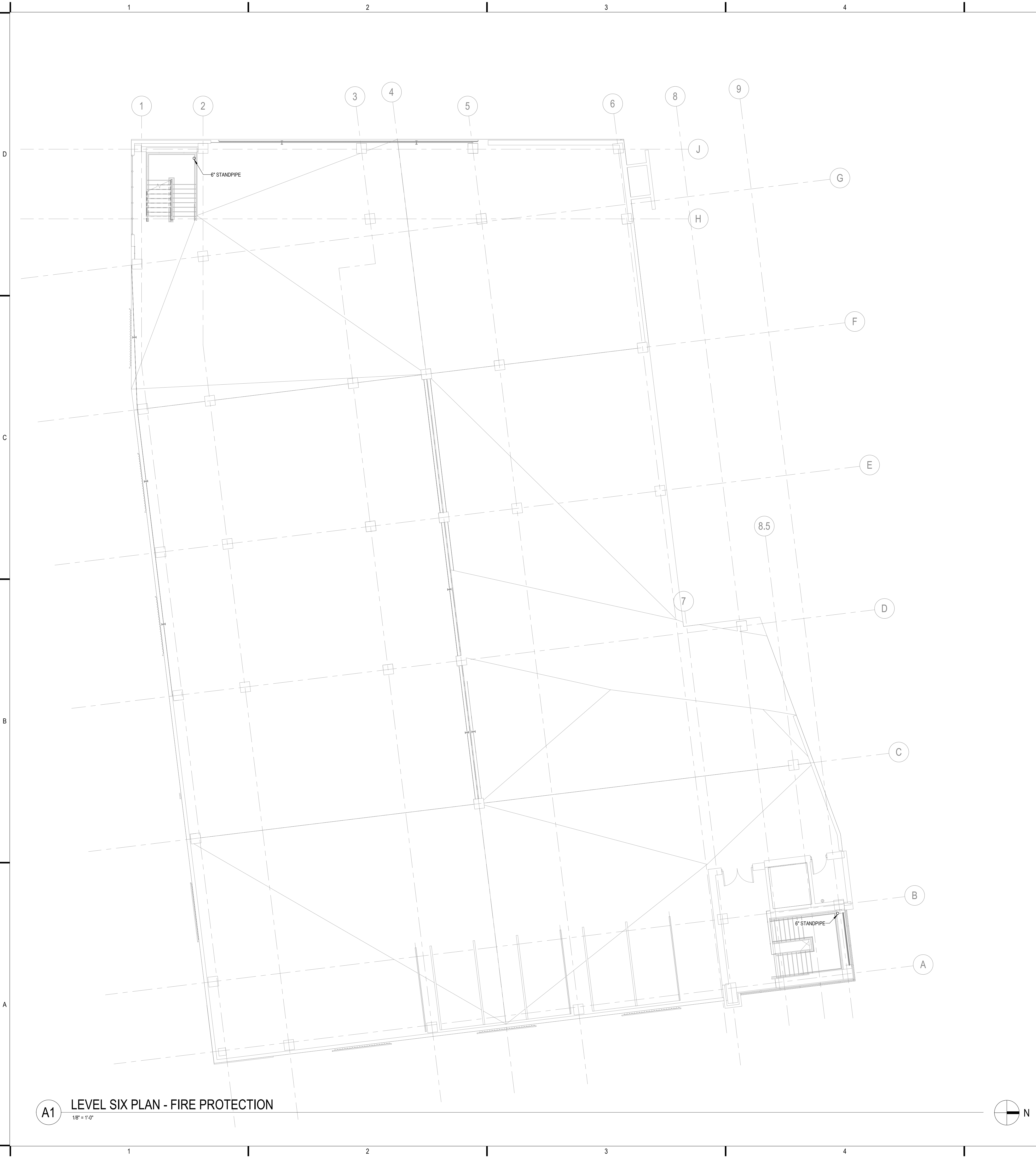
PROJECT INFORMATION:
PROJECT NUMBER: 20225013.00
DATE: 07/28/2023
DRAWN BY: AMM
CHECKED BY: JLC
APPROVED BY: JLC
SCALE: AS NOTED

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LEVEL FIVE PLAN - FIRE
PROTECTION

SHEET NUMBER:

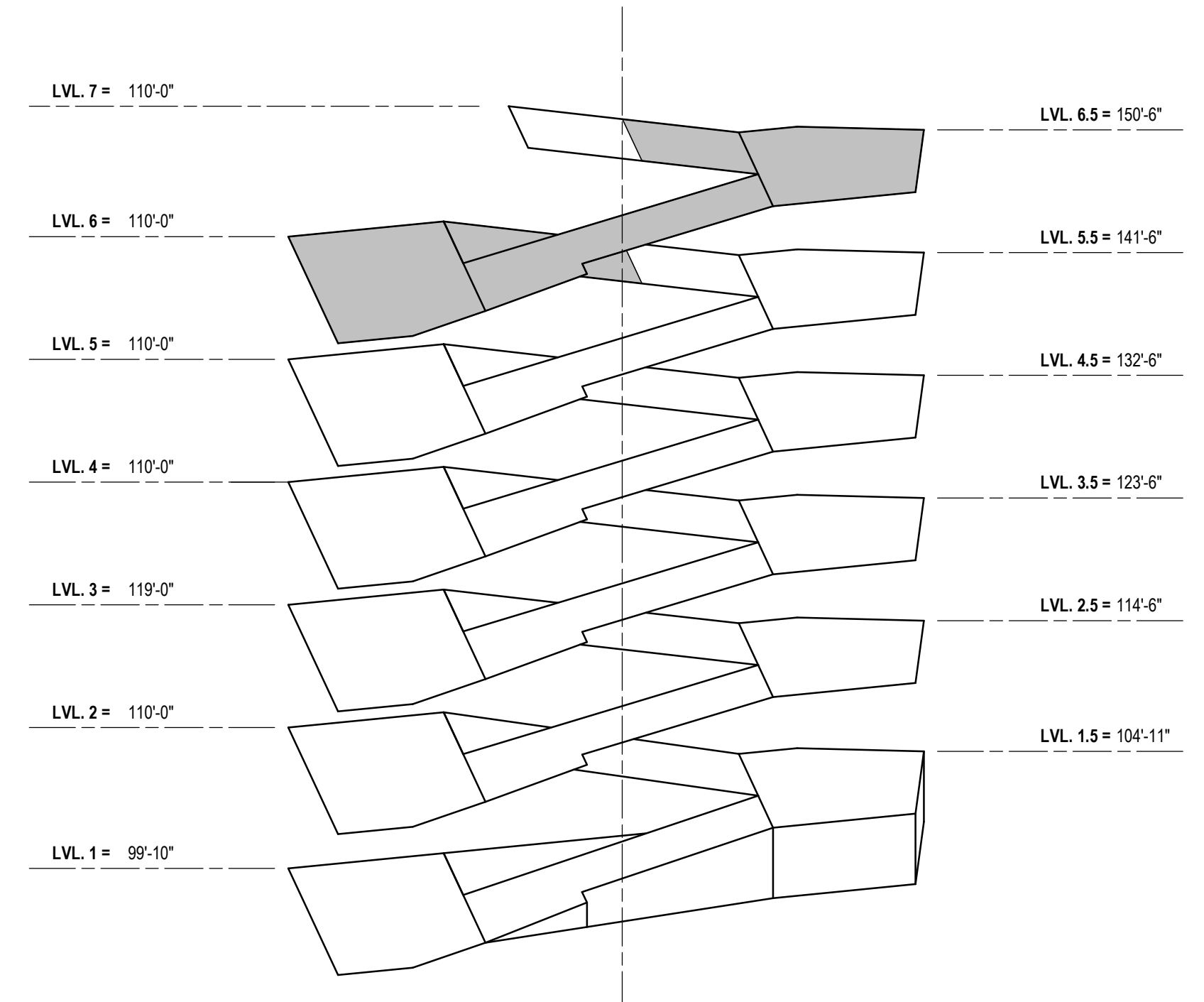
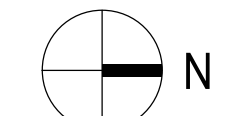
F105

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A1 LEVEL SIX PLAN - FIRE PROTECTION

1/8" = 1'-0"



LEVEL SIX KEY PLAN

NTS




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PROJECT TITLE:

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808 HUGHES PLACE
MADISON, WI 53713

ISSUE:

1 07/28/2023 BID DOCUMENTS

PROJECT INFORMATION:

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CHECKED BY: JLC

APPROVED BY: JLC

SCALE: AS NOTED

SHEET TITLE:

LEVEL SIX PLAN - FIRE
PROTECTION

SHEET NUMBER:

F106

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PLUMBING SYMBOLS, ABBREVIATIONS, SCHEDULES & SHEET INDEX

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS INDICATED HERE ARE USED IN THE DRAWINGS AND MAY NOT APPLY TO THIS PROJECT. ADDITIONAL SYMBOLS MAY BE INDICATED IN THE DRAWINGS.

PLUMBING ABBREVIATIONS			
AP - ACCESS PANEL	E1EX - EXISTING	M - METER	RD - ROOF DRAIN
AD - AREA DRAIN	E2EW - EMERGENCY EYE WASH	MAX - MAXIMUM	RI - ROUGH-IN
AFF - ABOVE FINISHED FLOOR	E2EW - EMERGENCY SHOWER / EYE WASH STATION	MB - MOP BASIN	RO - REVERSE OSMOSIS
AFG - ABOVE FINISHED GRADE	ELEV - ELEVATION	MECH - MECHANICAL	RCP - RECIRCULATION PUMP
ANB - ACID NEUTRALIZING BASIN	E2OD - EMERGENCY OVERFLOW DRAIN PIPING	MEP - MECHANICAL, ELECTRICAL, AND PIPING	RPM - REVOLUTIONS PER MINUTE
ARCH - ARCHITECTURAL	EQUIP - EQUIPMENT	MEZZ - MEZZANINE	RPZ - REDUCED PRESSURE ZONE VALE
B/S - BELOW SLAB	EXT - EXPANSION TANK	MFR - MANUFACTURER	RV - RELIEF VALVE
BFP - BACKFLOW PREVENTER	EWC - ELECTRIC WATER COOLER	MH - MANHOLE	RH - ROOF HYDRANT
BLDG - BUILDING	EWV - ELECTRIC WATER HEATER	MISC - MISCELLANEOUS	S - SINK
BOP - BOTTOM OF PIPE		MS - MOP SINK	SAN - SANITARY PIPING
BOT - BOTTOM	F - FAHRENHEIT	NA - NOT APPLICABLE	SCH - SCHEDULE
BV - BALL VALVE	FCD - FLOOR CLEANOUT	NO - NOT APPLICABLE	SD - SITE DRAIN
BWV - BACKWATER VALVE	FD - FLOOR DRAIN	N.C. - NORMALLY CLOSED	SE - SEWAGE EJECTOR
	FDC - FIRE DEPARTMENT CONNECTION	NIC - NOT IN CONTRACT	SF - SQUARE FOOT
CLG - CEILING	FH - FUME HOOD	NO - NUMBER	SH - SHOWER
CO - CLEANOUT	FS - FLOOR SINK	N.O. - NORMALLY OPEN	SL - SLOPE
COL - COLUMN	FT - FEET	NPWC - NON POTABLE COLD WATER	SP - SUMP PUMP
CONC - CONCRETE	FU - FIXTURE UNITS	NPWH - NON POTABLE HOT WATER	SP - STANDPIPE
CONN - CONNECTION	FV - FLUSH VALVE	NPWHR - NON POTABLE HOT WATER RETURN	SPEC - SPECIFICATION
CTR - CENTER	GAL - GALLON	NPS - NOMINAL PIPE SIZE	SS - SERVICE SINK
CJ - CUP	GCO - GRADE OR GROUND CLEANOUT	NTS - NOT TO SCALE	STD - STANDARD
CV - CHECK VALVE	GI - GREASE INTERCEPTOR		STM - STORM PIPING
CW - COLD WATER	GPM - GALLONS PER MINUTE	OBV - OIL BASIN VENT	T&P - TEMPERATURE AND PRESSURE
CWFU - COLD WATER FIXTURE UNITS	GPH - GALLONS PER HOUR	OC - ON CENTER	TD - TRENCH DRAIN
CPVC - CHLORINATED POLYVINYL CHLORIDE	GV - GATE VALVE	OI - OIL INTERCEPTOR	TEMP - TEMPERATURE
		OS&Y - OUTSIDE SCREW AND YOKE	TH - THERMOMETER
DCV - DOUBLE CHECK VALVE		ORD - EMERGENCY OVERFLOW ROOF DRAIN	TMV - THERMOSTATIC MIXING VALVE
DCW - DOMESTIC COLD WATER	HB - HOSE BIBB		TOP - TOP OF PIPE
DD - DECK DRAIN	HD - HUB DRAIN		TOS - TOP OF SLAB
DET - DETAIL	HR - HOUR	PBV - PRESSURE BALANCING VALVE	TYP - TYPICAL
DF - DRINKING FOUNTAIN	HS - HOSE STATION	PC - PLUMBING CONTRACTOR	U / UR - URINAL
DFU - DRAINAGE FIXTURE UNITS	HW - HOT WATER	PG - PRESSURE GAUGE	V - VENT
DHW - DOMESTIC HOT WATER	HWU - HOT WATER FIXTURE UNITS	PH - PHASE	VIF - VERIFY IN FIELD
DHW - DOMESTIC HOT WATER RETURN	HWR - HOT WATER RETURN	PITCH - PITCHES UP OR DOWN	VTR - VENT THROUGH ROOF
DI - DEIONIZED WATER	HYD - HYDRAULIC	PIV - POST INDICATOR VALVE	W - WATER
DIA - DIAMETER	HX - HEAT EXCHANGER	PLB - PLUMBING	W - WASTE
DN - DOWN	ID - INSIDE DIAMETER	POC - POINT OF CONNECTION	WHA - WATER HAMMER ARRESTOR
DS - DOWNSPOUT	IE - INVERT ELEVATION	PRESS - PRESSURE	WH - WALL HYDRANT
DT - DRAIN TILE	IM - ICE MACHINE	PRV - PRESSURE RELIEF VALVE	WCO - WALL CLEANOUT
DTW - DOMESTIC TEMPERED WATER	IN - INCHES	PSF - POUNDS PER SQUARE FOOT	WC - WATER CLOSET
DTW - DRAIN VALVE	INSUL - INSULATION	PSI - POUNDS PER SQUARE INCH	WF - WASH FOUNTAIN
DW - DRAIN WASH	IW - INDIRECT WASTE	PSIA - POUNDS PER SQUARE INCH ABSOLUTE	WM - WASHING MACHINE
DWG - DRAWING		PSIG - POUNDS PER SQUARE INCH GAUGE	WOB - WALL OUTLET BOX
DWH - DOMESTIC WATER HEATER	KW - KITCHEN WASTE	PVC - POLYVINYL CHLORIDE	WSFU - WATER SUPPLY FIXTURE UNITS
	L - LAVATORY	QTY - QUANTITY	YH - YARD HYDRANT
	LPM - LITERS PER MINUTE		
	LS - LAB SINK		
	LT - LAUNDRY TUB		
	LW - LAUNDRY WASTE OR LAB WASTE		

PLUMBING SYMBOLS			
	ANGLE VALVE (AV)		FLOOR DRAIN
	AQUASTAT		FLOOR SINK
	BACKFLOW PREVENTER (BFP or RPZ)		FLOW DIRECTION ARROW
	BALANCING VALVE (BV)		FLOW SWITCH (FS)
	BALL VALVE		GATE VALVE (GV)
	BRANCH, BOTTOM CONNECTION		GLOBE VALVE (GLV)
	BRANCH, TOP CONNECTION		HOSE BIBB OR WALL HYDRANT
	BUTTERFLY VALVE (BFV)		HUB DRAIN
	CAP ON END OF PIPE		PRESSURE GAUGE WITH VALVE (PG)
	CHECK VALVE (CV)		PRESSURE-REDUCING VALVE (PRV)
	CLEANOUT PLUG (CO)		PRESSURE SWITCH (PS)
	DOUBLE SANITARY TEE		PRESSURE TRANSMITTER
	DRAIN WITH P-TRAP		RECIRCULATION PUMP
	FLOOR/GRADE CLEANOUT (FOI/GCO)		RISER DOWN (ELBOW)
	RISER UP (ELBOW)		ROOF DRAIN
	SANITARY TEE		SOLENOID VALVE (SV)
	STRAINER		TEE BRANCH
	TEMPERATURE TRANSMITTER		THERMOMETER
	THERMOSTATIC MIXING VALVE		UNION (SCREWED)
	WALL CLEANOUT WITH SIZE (WCO)		WATER HAMMER ARRESTOR (WHA) WITH PDI SIZING
	WATER METER (WM)		WYE & 1/8TH BEND

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE TYPE	ADA	FIXTURE		FAUCET/VALVE		FLOW RATE	P-TRAP		DRAIN		ROUGH-IN SIZE				FIXTURE UNIT COUNT				NOTES	TAG
			MANUFACTURER	MODEL	MANUFACTURER	MODEL		MANUFACTURER	MODEL	MANUFACTURER	MODEL	SANITARY	VENT	DCW	DHW	DHW	DCW	TOTAL	DRAINAGE		
HB-1	COLD WATER HOSE BIBB	N/A	WOODFORD	MODEL 26	INTEGRAL	---		N/A	N/A	N/A	N/A			3/4"		0	4		0		HB-1
HB-2	FREEZELESS HOSE BIBB	N/A	WOODFORD	MODEL 17	INTEGRAL	---		N/A	N/A	N/A	N/A			3/4"		0	4		0		HB-2
S-1	SINGLE BASIN UTILITY SINK	YES	AMERICAN STANDARD	7666.008	AMERICAN STANDARD	8340.235	2 GPM	INTEGRAL	---	INTEGRAL	---	1 1/2"	1 1/2"	1/2"	1/2"	2	2	3	3		S-1

DRAIN AND CLEANOUT SCHEDULE

DRAIN AND CLEANOUT SCHEDULE										
TAG	MANUFACTURER	MODEL NO.	BODY MATERIAL	STRAINER		OUTLET SIZE (IN)	OPTIONS		NOTES	
				SIZE (IN)	FINISH		NUMBER NO.	MODEL NO.		
DD-1	ZURN	ZN637	CAST IRON	15"	NICKEL BRONZE	4"	---	---		
DD-2	ZURN	ZN637	CAST IRON	15"	NICKEL BRONZE	6"	---	---		
FD-1	<var186>	ZN415N	CAST IRON	7"	NICKEL BRONZE	3"	---	---		
HD-1	ZURN	Z1870	STAINLESS STEEL	N/A	N/A	3"	---	---		

DOMESTIC ELECTRIC WATER HEATER SCHEDULE

DOMESTIC ELECTRIC WATER HEATER SCHEDULE												
NOTES:												
1. [NOTE]												
TAG	MANUFACTURER	MODEL	INPUT POWER (KW)	LWT (°F)	ROUGH-IN SIZE		HEATING ELEMENT		ELECTRICAL INFORMATION			NOTES
					DCW	DHW	NUMBER	WATTAGE PER	VOLTAGE	PHASE	FULL LOAD AMPS	
EWH-1	EEMAX	ED02448072T	24	120	1/2"	1/2"	3	8	480 V	3	29 A	

PLUMBING PUMP SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	GPM	HP	HEAD (FEET)	ELECTRICAL REQUIREMENTS			COMMENTS
SP-1	LIBERTY PUMPS	ELV250HV	SIMPLEX ELEVATOR PIT PUMP	20	33	5	5.2	115	1	60

DESIGN CRITERIA

WATER SUPPLY INFORMATION	WATER SUPPLY SYSTEM
	HYDRANT AT INTERSECTION OF HUGHES PL & S PARK ST
	STATIC = 70 PSI RESIDUAL = 57 PSI DATE = 8/16/2022 FLOW TEST BY: MADISON WATER UTILITY
APPLICABLE CODES	1. 2015 WISCONSIN PLUMBING CODE 2. 2015 INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS 3. 2013 ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS

VIEW LOCATION LEGEND

D1	D2	D3	D4	D5	D6
C1	C2	C3	C4	C5	C6
B1	B2	B3	B4	B5	B6
A1	A2	A3	A4	A5	A6

GENERAL SYMBOLS

	REVISION CLOUD WITH TAG		INVERT ELEVATION
	VIEW CALLOUT (ENLARGED PLANS)		ELEVATION MARKER
	SECTION VIEW		POINT OF CONNECTION (POC)
	STACK REFERENCE		POINT OF DISCONNECTION
	VIEW REFERENCE (DETAIL TAGS)		PLAN KEYED NOTE
	ISOMETRIC TAG		PIPE TAG
--- PIPING, EQUIPMENT, DEVICES, ETC. TO BE DEMOLISHED			
--- EXISTING PIPING OR EQUIPMENT TO REMAIN			
--- NEW PIPING OR EQUIPMENT			

PLUMBING SYSTEM ABBREVIATIONS

DCW	DOMESTIC COLD WATER	ROCW	REVERSE OSMOSIS / DIONIZED COLD WATER
DHW	DOMESTIC HOT WATER	ROHW	REVERSE OSMOSIS / DIONIZED HOT WATER
DHWR	DOMESTIC HOT WATER RETURN	V	SANITARY VENT
DTW	DOMESTIC TEMPERED WATER (80°F)	SAN	SANITARY SEWER
DTWR	DOMESTIC TEMPERED WATER RETURN	ST	STORM SEWER
PCW	PROCESS COLD WATER (SOFTENED)	PV	PROCESS VENT
PHW	PROCESS HOT WATER (SOFTENED)	PSAN	PROCESS SANITARY
PHWR	PROCESS HOT WATER RETURN (SOFTENED)		

PLUMBING SHEET INDEX

P001	PLUMBING SYMBOLS, SCHEDULES, & ABBREVIATIONS
P100	BELOW SLAB PLAN - PLUMBING
P101	LEVEL ONE PLAN - PLUMBING
P102	LEVEL TWO PLAN - PLUMBING
P103	LEVEL THREE PLAN - PLUMBING
P104	LEVEL FOUR PLAN - PLUMBING
P105	LEVEL FIVE PLAN - PLUMBING
P106	LEVEL SIX PLAN - PLUMBING
P107	LEVEL SEVEN PLAN - PLUMBING
P501	PLUMBING DETAILS
P901	PLUMBING ISOMETRICS

PLUMBING GENERAL NOTES

- REFERENCE THE SPECIFICATIONS FOR MATERIAL AND EQUIPMENT INSTALLATION STANDARDS.
- VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. AT SITES.
- THE PLUMBING INSTALLATION SHALL COMPLY WITH ALL STATE AND LOCAL CODES.
- UTILITIES AND SERVICES INDICATED ARE TAKEN FROM VARIOUS OLD AND NEW SURVEYS, AS-BUILT RECORDS AND FIELD INVESTIGATIONS. UNFORESSEEN CONDITIONS MAY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING AND BURIAL DEPTHS, AS DETERMINED DURING CONSTRUCTION, WILL BE NECESSARY.
- INVERT ELEVATIONS IN THIS SET ARE REFERENCED TO BUILDING FIRST FLOOR DATUM.
- DRAWINGS OF ALL OTHER TRADES SHALL BE REVIEWED. COORDINATE THE INSTALLATION AND SCHEDULING OF THE WORK WITH OTHER TRADES TO PREVENT INTERFERENCE WITH THEIR RESPECTIVE INSTALLATION.
- PIPE ROUTING SHOWN IS DIAGRAMMATIC AND IS NOT INTENDED TO INDICATE EXACT ROUTING. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES. VERIFY STRUCTURAL, MECHANICAL AND ELECTRICAL INSTALLATIONS AND OTHER POTENTIAL OBSTRUCTIONS AND ROUTE PIPING TO AVOID INTERFERENCES.
- PROVIDE ALL OFFSETS AND FITTINGS AND MAKE CONNECTION TO SITE UTILITIES.
- CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BID OPENING. THE ENGINEER RESERVES THE RIGHT TO FINAL DECISION.
- CONCEAL PIPING ABOVE CEILINGS, WITHIN WALLS OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED.
- PROVIDE ACCESS PANELS FOR ALL VALVES CONCEALED IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS.
- SLEEVE AND/OR FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS, CEILINGS, AND FLOORS WITH ULL LISTED ASSEMBLIES. FIRESTOP ASSEMBLIES SHALL BE EQUAL TO OR EXCEED THE RATING OF THE WALL, CEILING OR FLOOR. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
- PROVIDE FOUNDATION PAD PENETRATION SLEEVES. ALLOW 1" MINIMUM CLEARANCE BETWEEN SLEEVE INSIDE SURFACE AND PIPE EXTERIOR.
- SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- PROVIDE AN AIR GAP, WHEN REQUIRED BY CODE, SERVING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES AND APPARATUS.
- ALL EXPOSED PIPE AND FITTINGS IN FINISHED AREAS SHALL BE CHROME PLATED.
- PROVIDE CLEANOUTS WITH COVER FLUSH TO FINISH SURFACE.
- COORDINATE EXACT FLOOR DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS. SET FLOOR DRAINS BELOW FINISHED FLOOR TO ALLOW FOR FLOOR SLOPING TO THE DRAIN.
- IT IS THE INTENT OF THESE DRAWINGS THAT A COMPLETE WORKING SYSTEM PROPERLY TESTED, WILL BE OPERATIONAL UPON COMPLETION OF INSTALLATION.
- COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL PANELS UNDER ANY CIRCUMSTANCES. ANY PIPING RUN OVER PANELS SHALL BE RE-ROUTED AT NO ADDITIONAL COST.
- PROVIDE SANITARY WASTE, VENT, DOMESTIC WATER, ETC. ROUGH-IN AND MAKE FINAL CONNECTIONS (TO INCLUDE PROVIDING ALL NECESSARY RELATED STOPS, VALVES, TRAPS, ETC. AND MAKE READY FOR USE) TO ALL EQUIPMENT, WHETHER FURNISHED BY THIS CONTRACTOR OR FURNISHED BY OTHERS.
- UNLESS NOTED OTHERWISE, ALL PIPING 3" AND LARGER SHALL BE INSTALLED AT A SLOPE OF 1/8" PER FOOT AND PIPING 2" AND SMALLER AT 1/4" PER FOOT.

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VILLAGE ON PARK PARKING
STRUCTURE AND SITE
IMPROVEMENTS

808 HUGHES PLACE
MADISON, WI 53713

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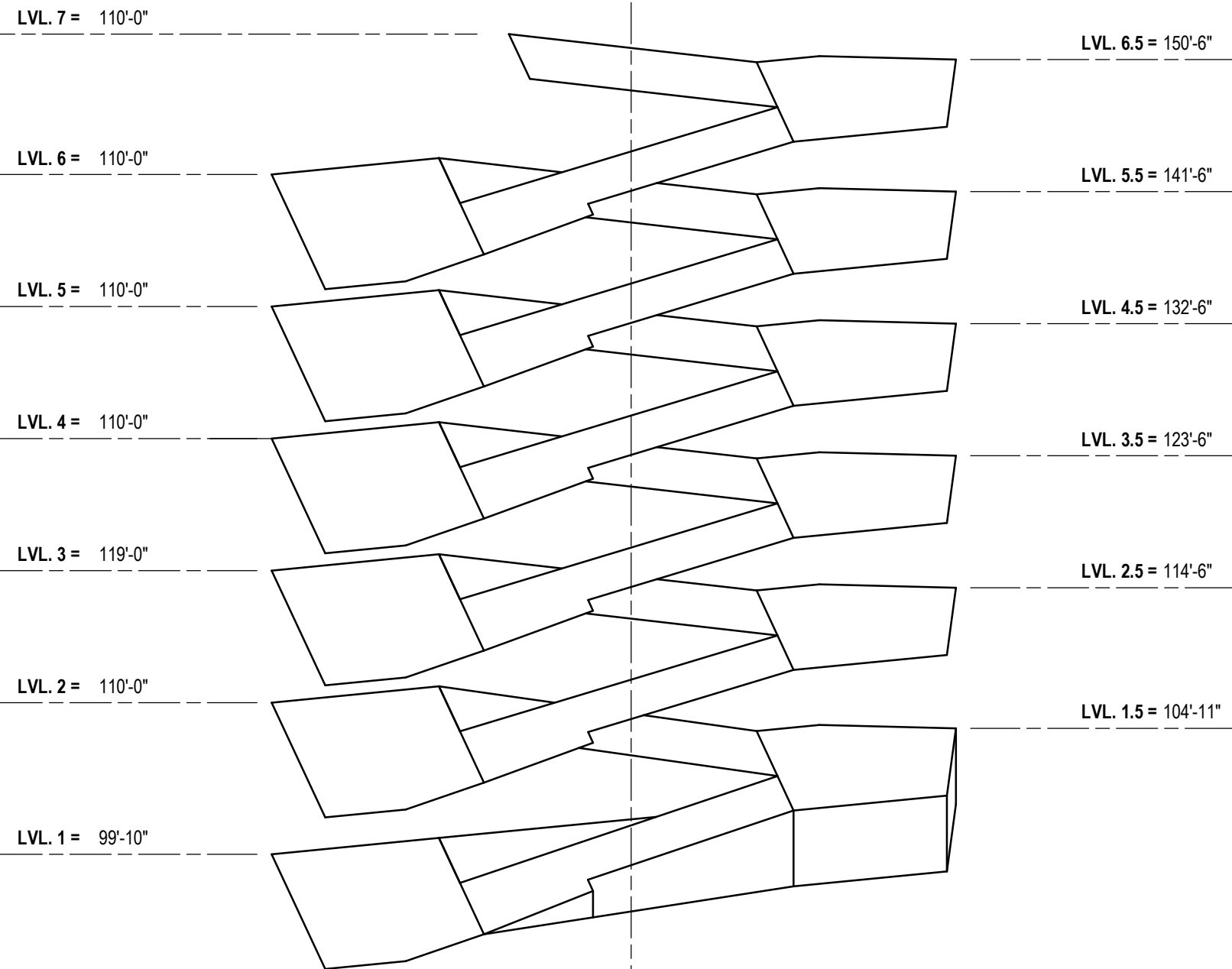
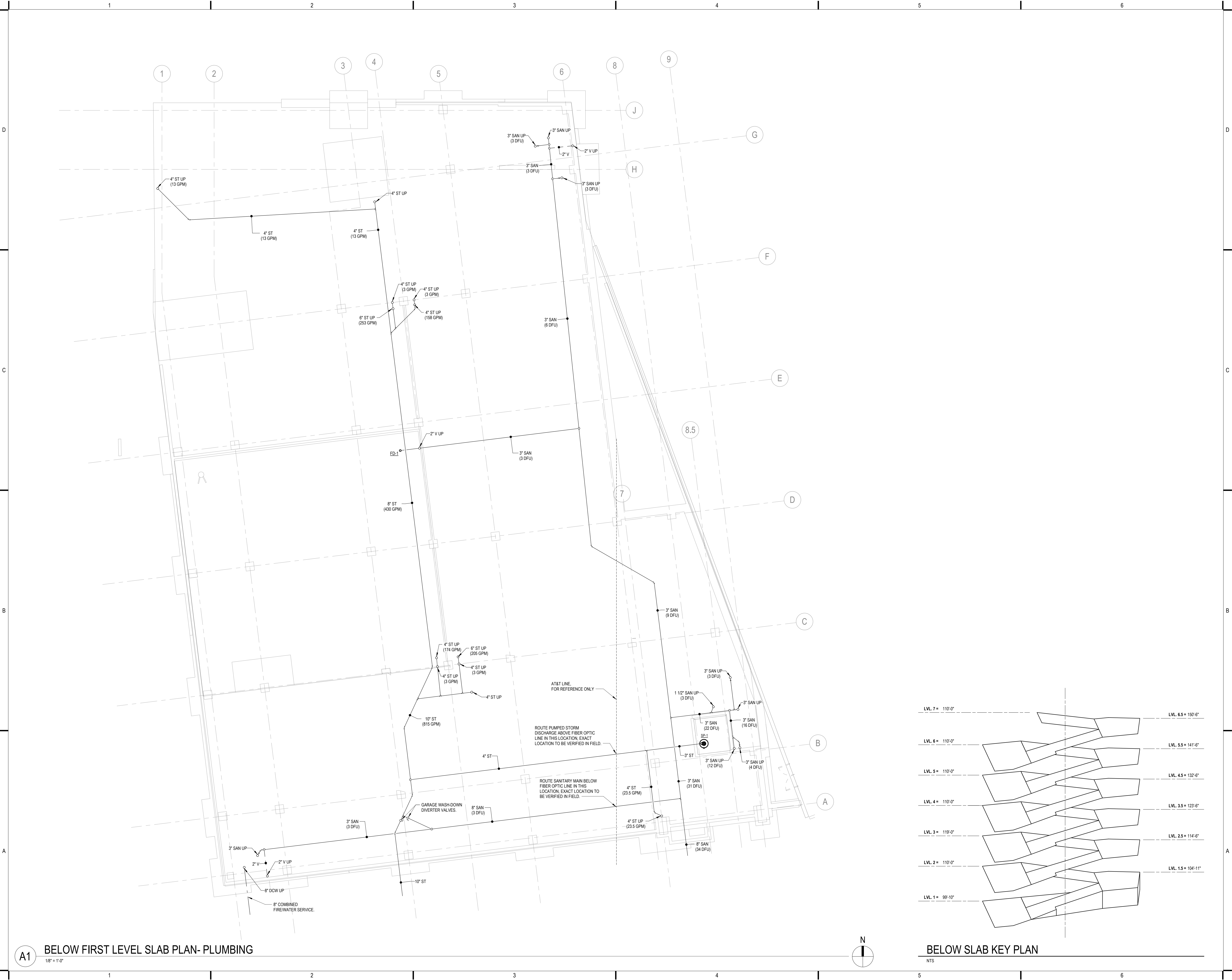
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SHEET TITLE:

PLUMBING SYMBOLS,
SCHEDULES, & ABBREVIATIONS

SHEET NUMBER:

P001



BELOW SLAB KEY PLAN

NTS

A1

BELOW FIRST LEVEL SLAB PLAN- PLUMBING

1/8" = 1'-0"

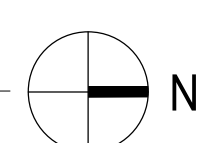


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A1

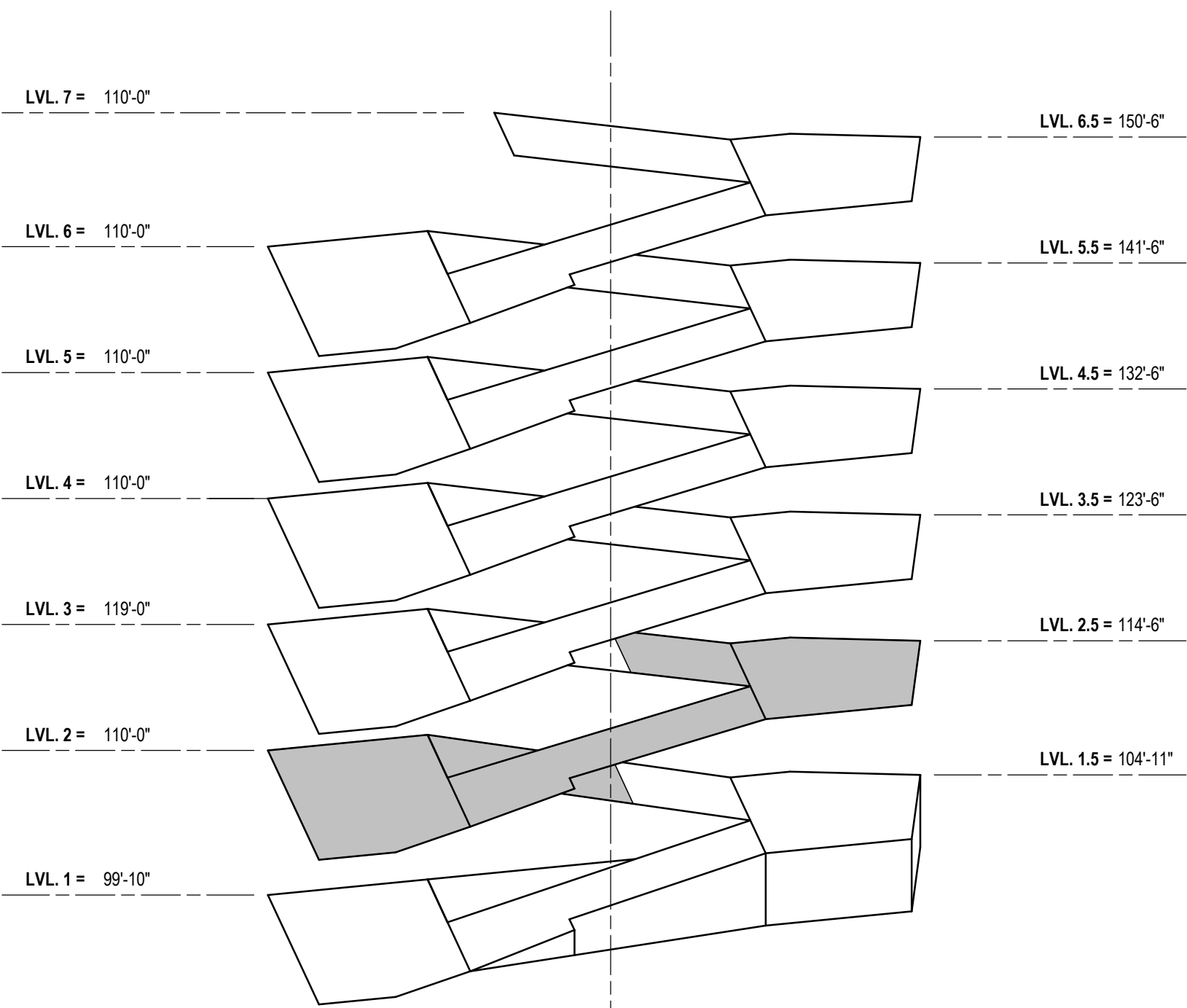
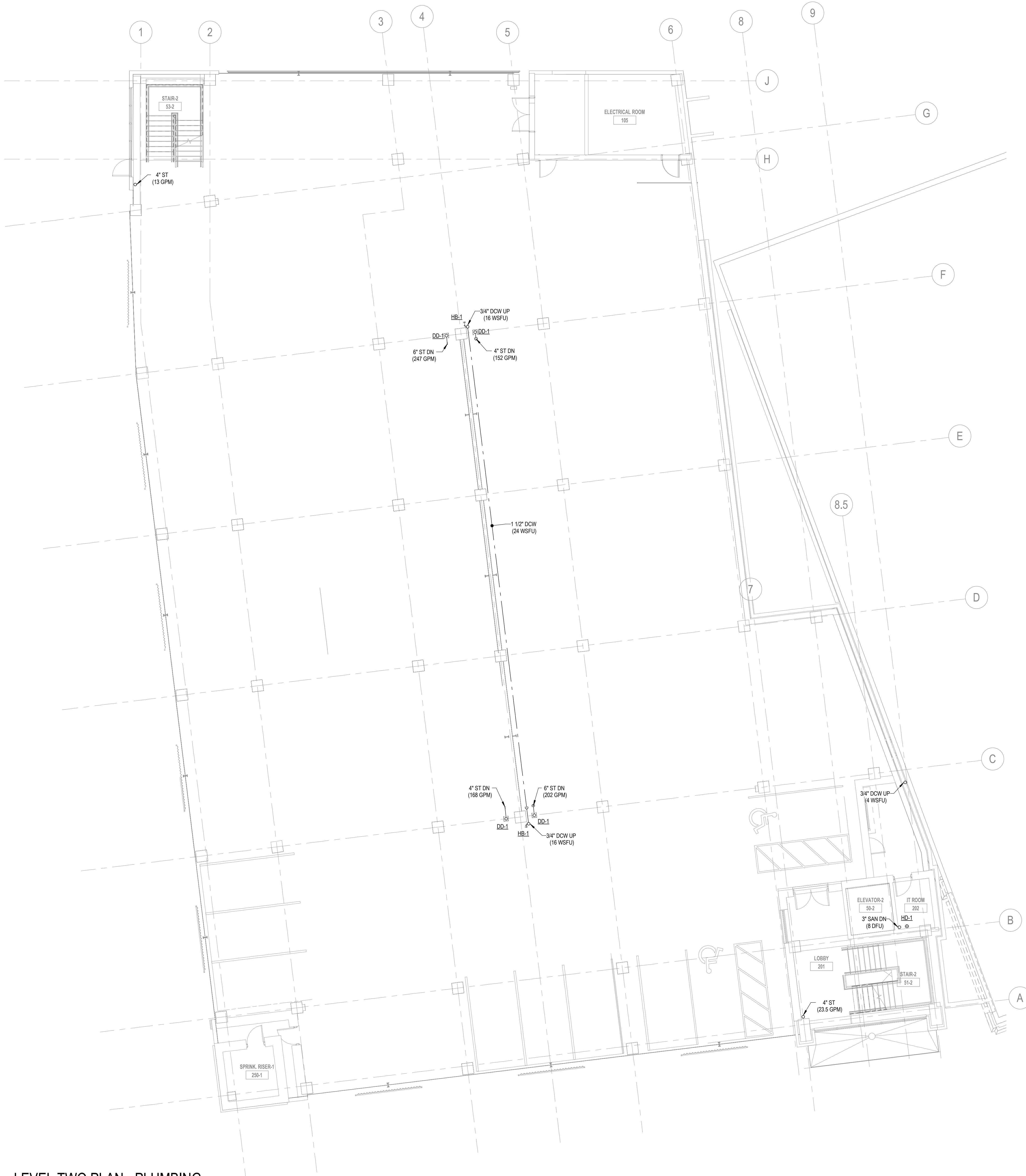
LEVEL ONE PLAN - PLUMBING

1/8" = 1'-0"



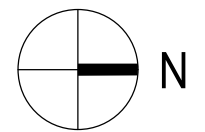
LEVEL ONE KEY PLAN

NTS



LEVEL TWO KEY PLAN

NTS



A1 LEVEL TWO PLAN - PLUMBING

1/8" = 1'-0"

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A1 LEVEL THREE PLAN - PLUMBING
1/8" = 1'-0"

LEVEL THREE KEY PLAN
NTS



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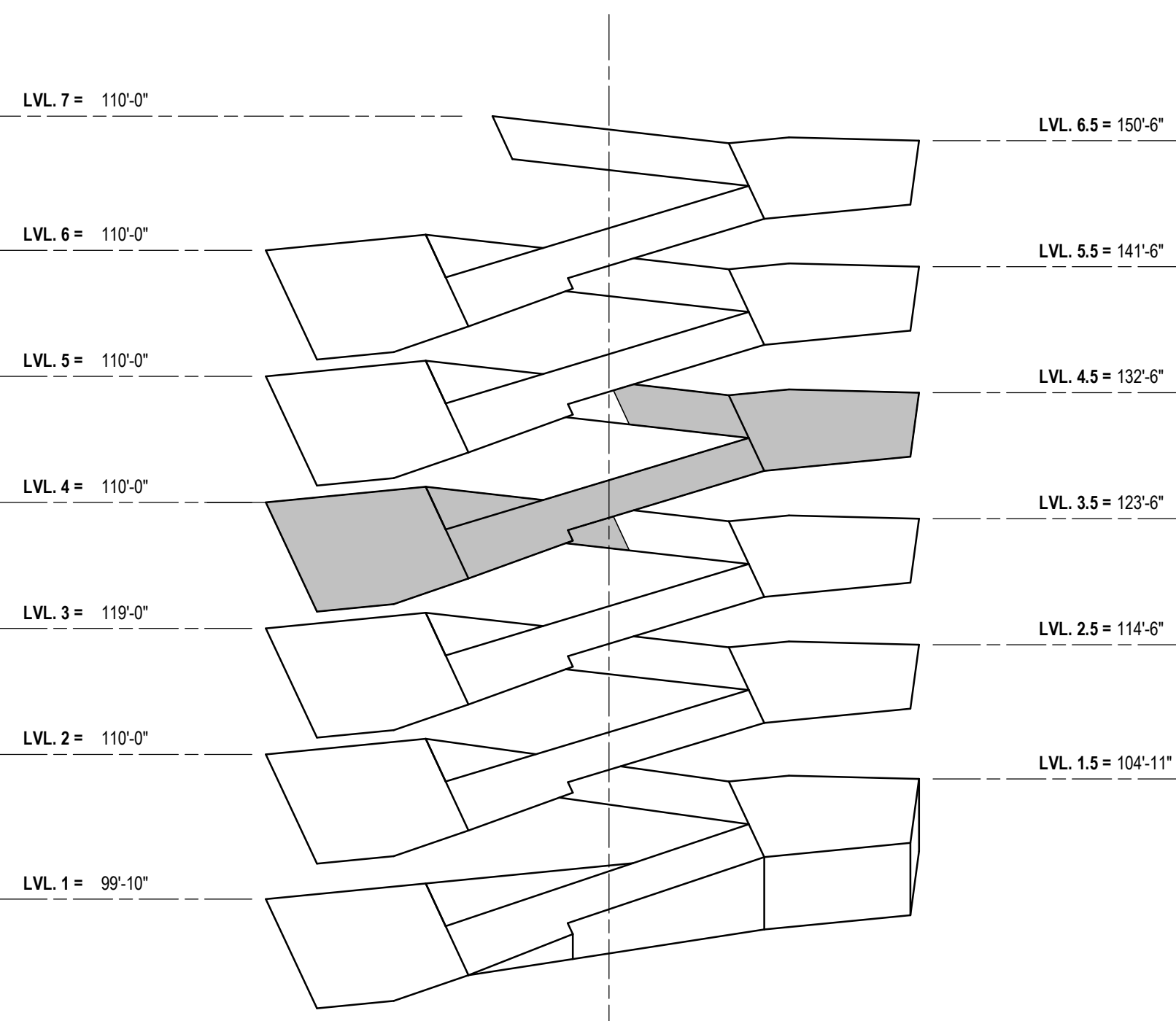
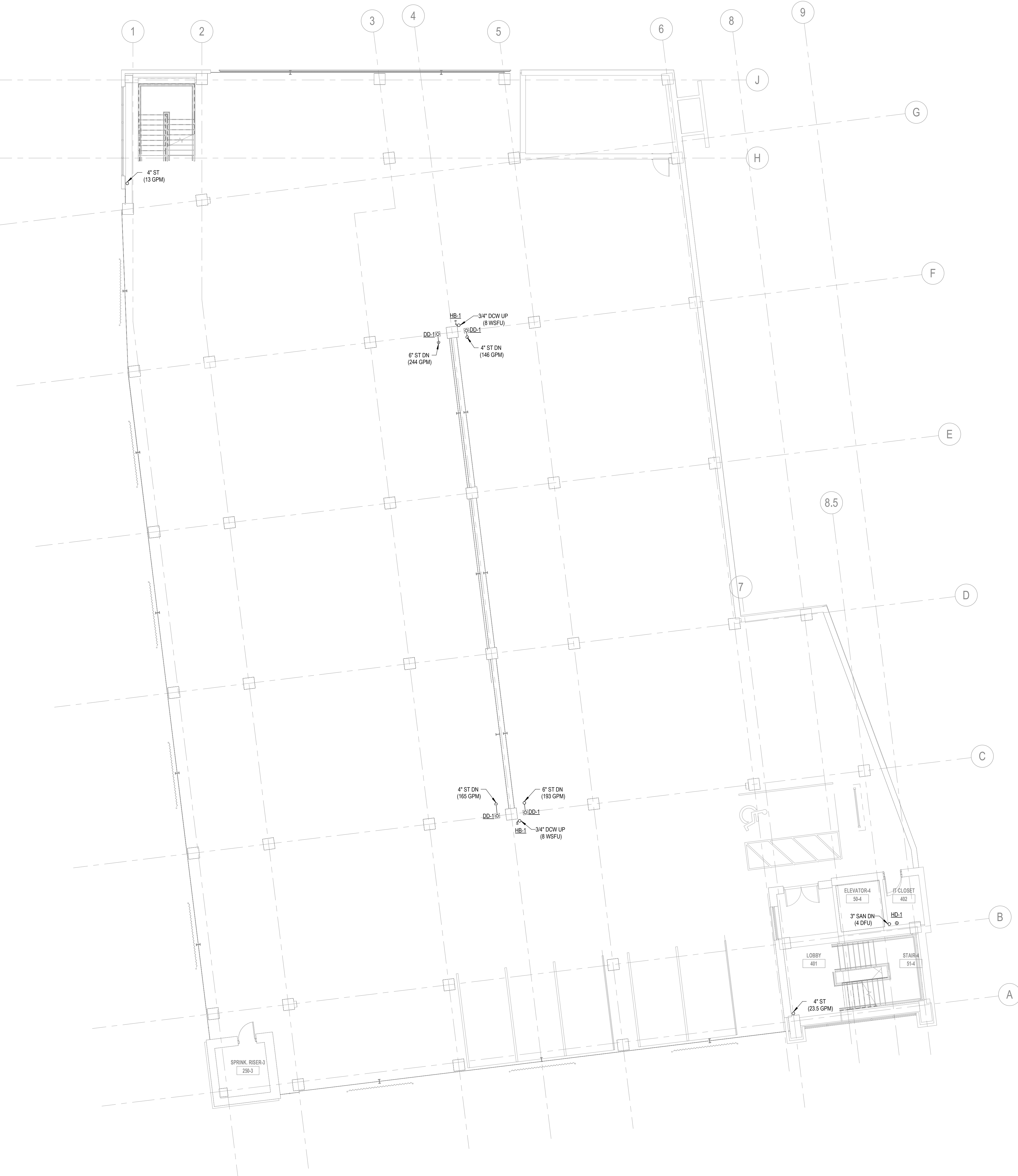
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LEVEL THREE PLAN - PLUMBING

SHEET NUMBER:

P103

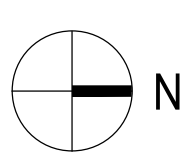


LEVEL FOUR KEY PLAN

NTS

A1 LEVEL FOUR PLAN - PLUMBING

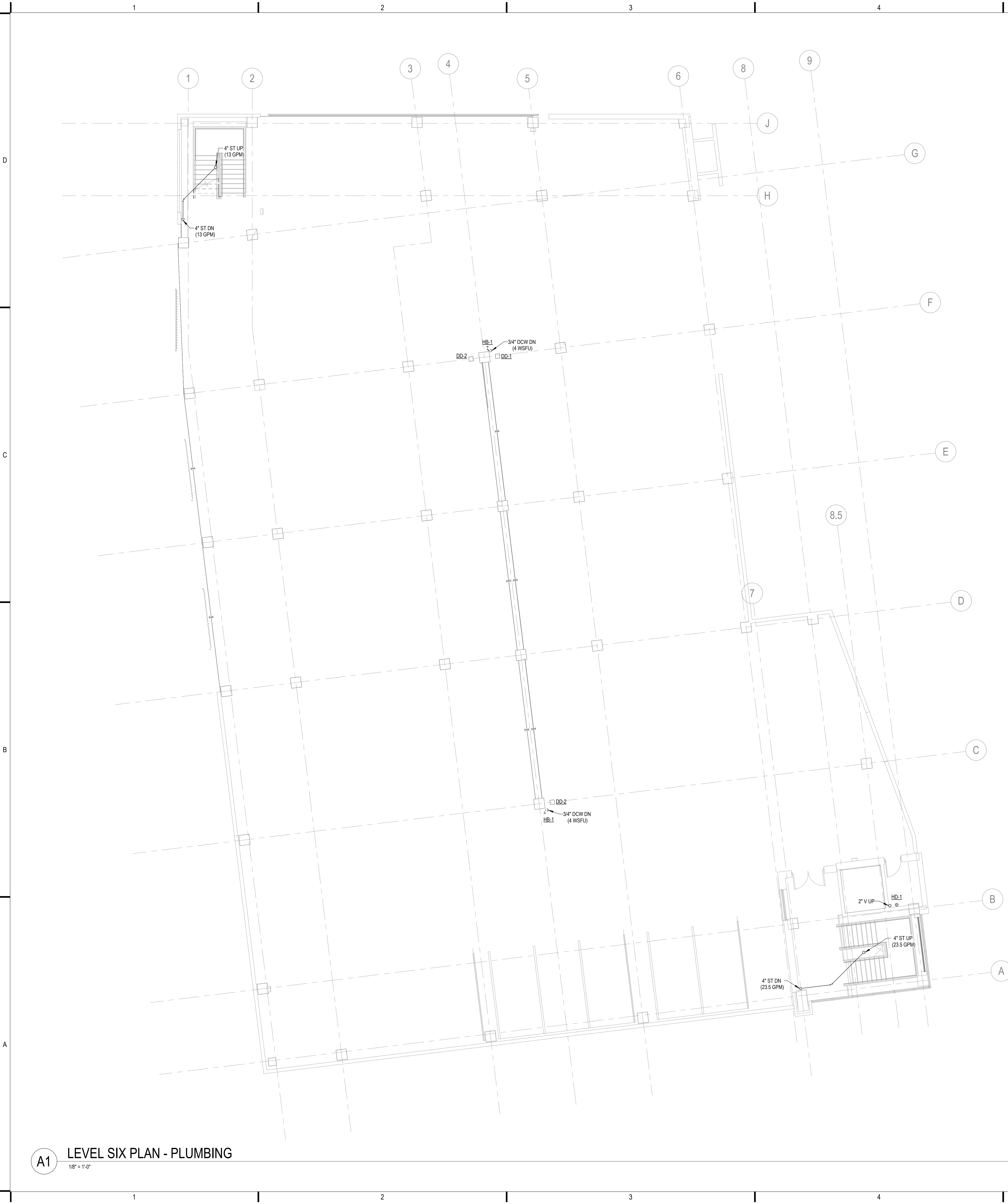
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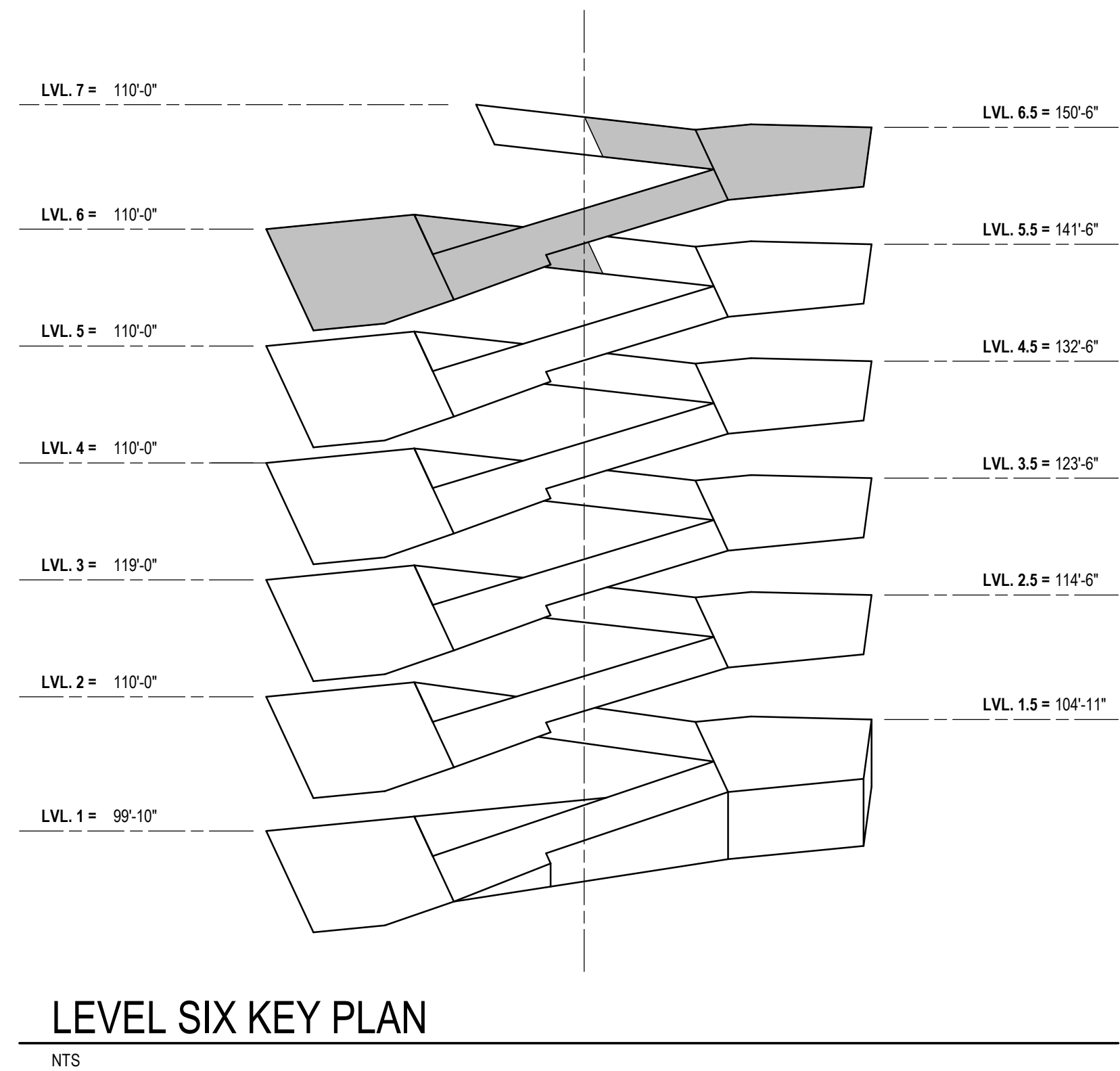


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A1 LEVEL SIX PLAN - PLUMBING
1/8" = 1'-0"



LEVEL SIX KEY PLAN
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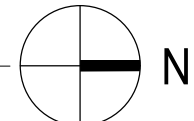
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A1

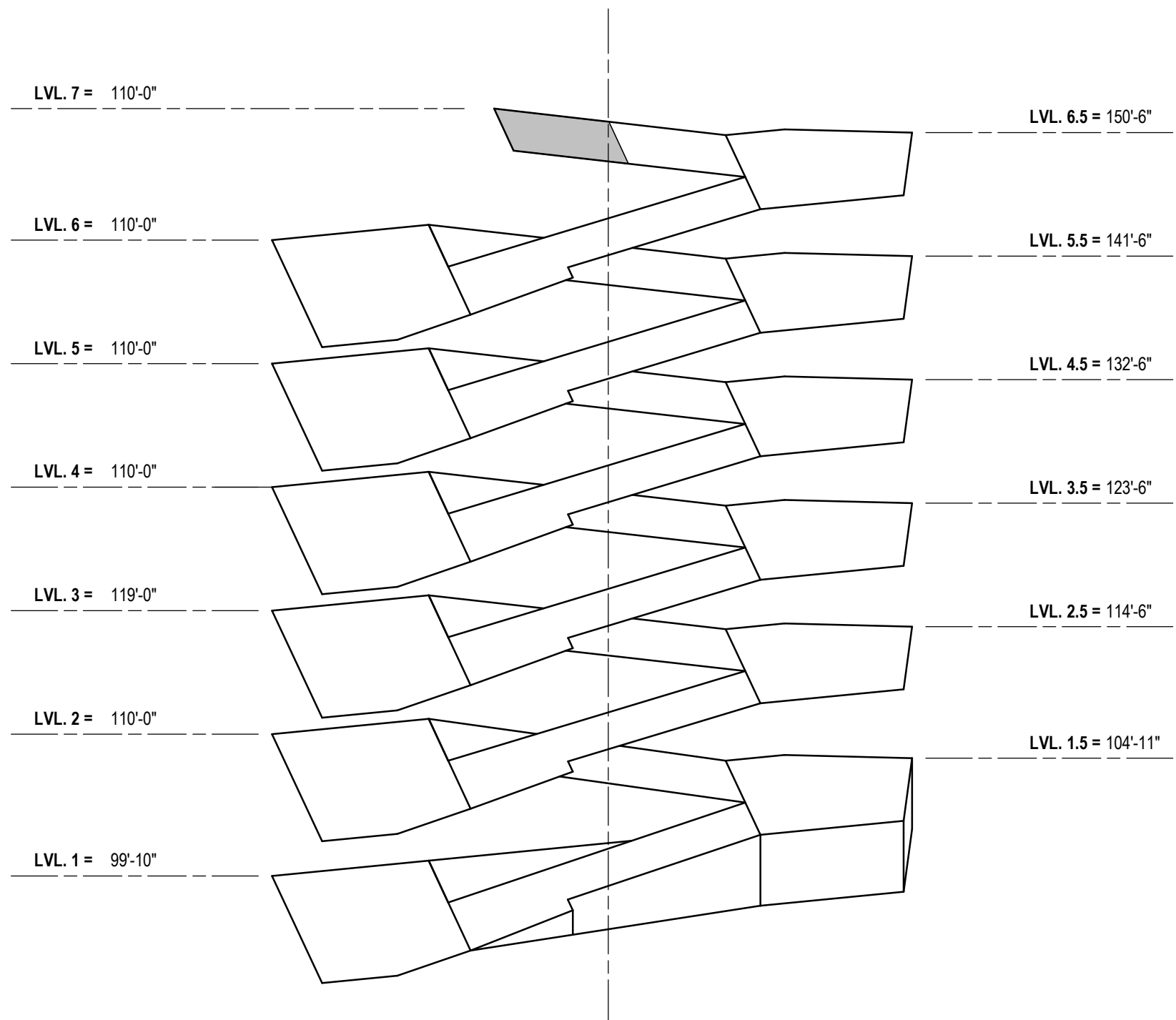
LEVEL SEVEN PLAN - PLUMBING

1/8" = 1'-0"



LEVEL SEVEN KEY PLAN

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SHEET TITLE:

LEVEL SEVEN PLAN - PLUMBING

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P107

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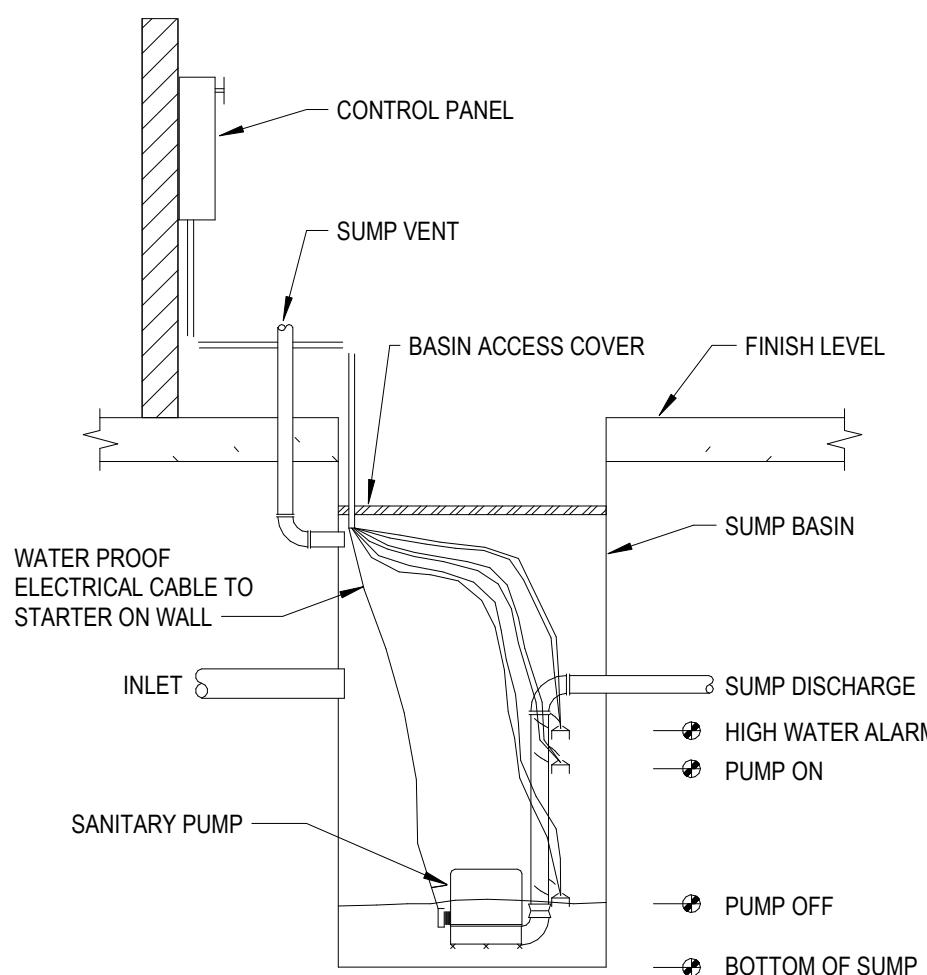
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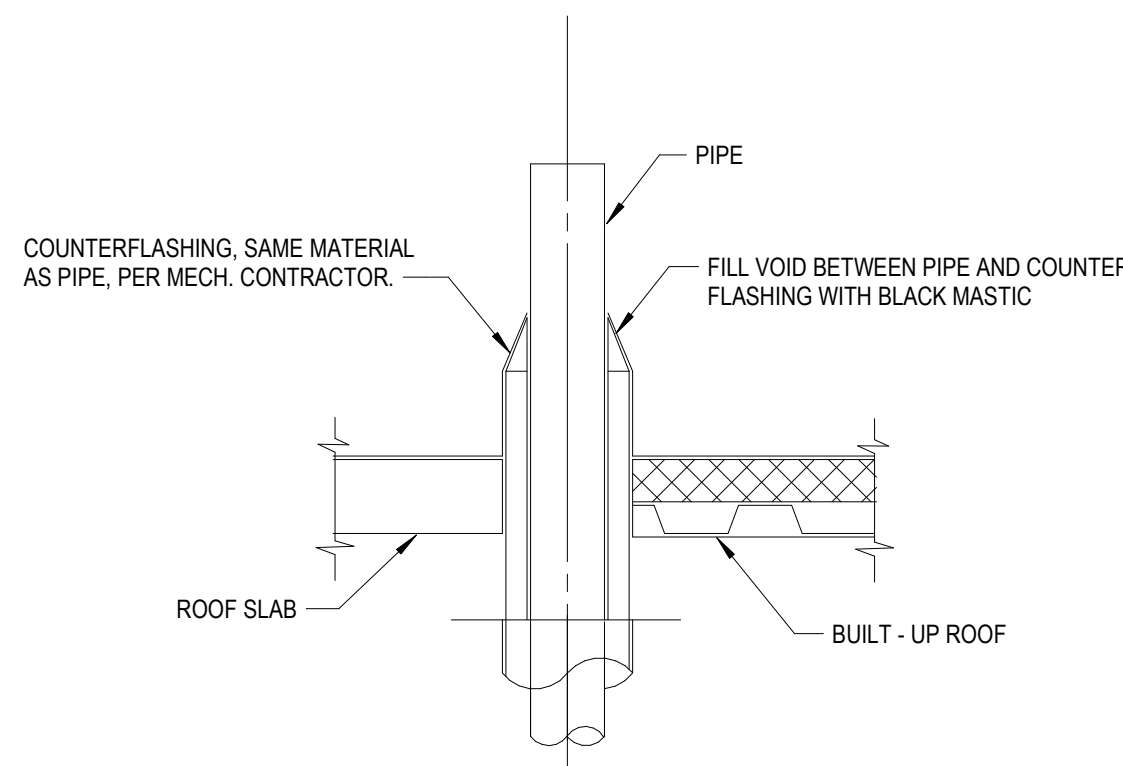
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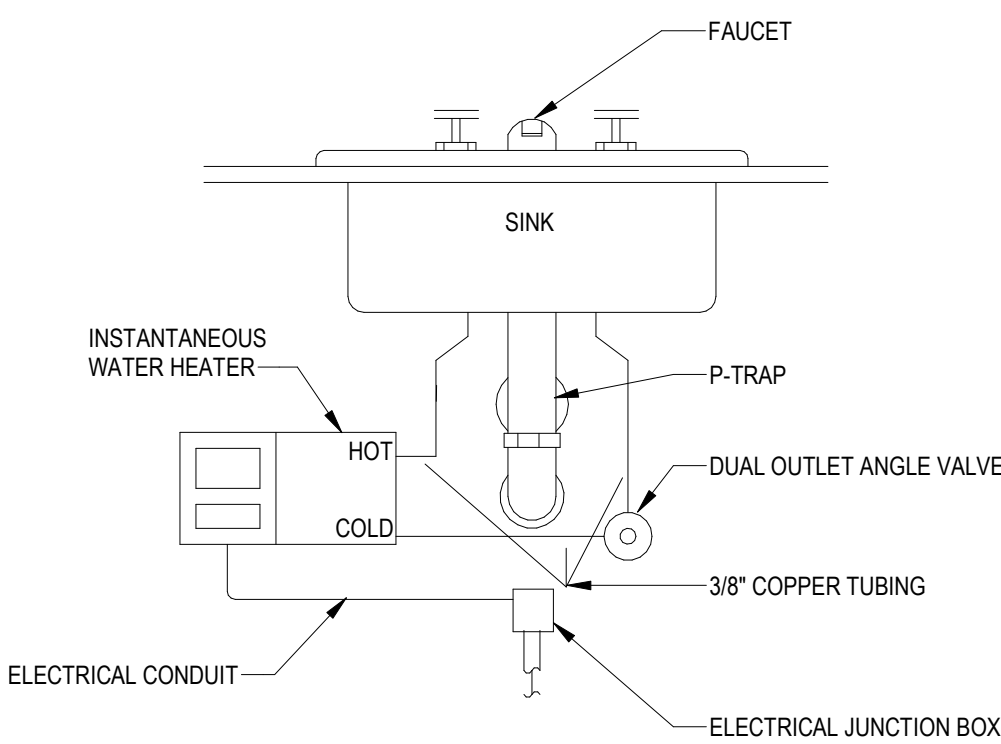
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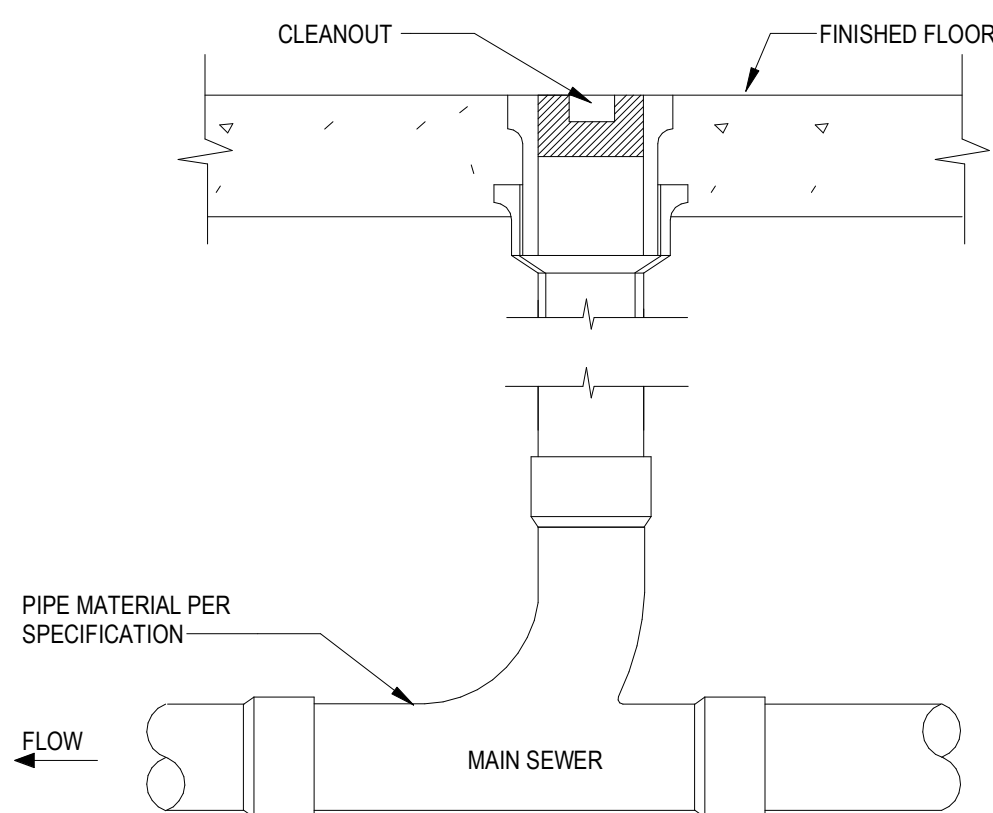
B3 SUMP PUMP - SIDE DISCHARGE
NTS



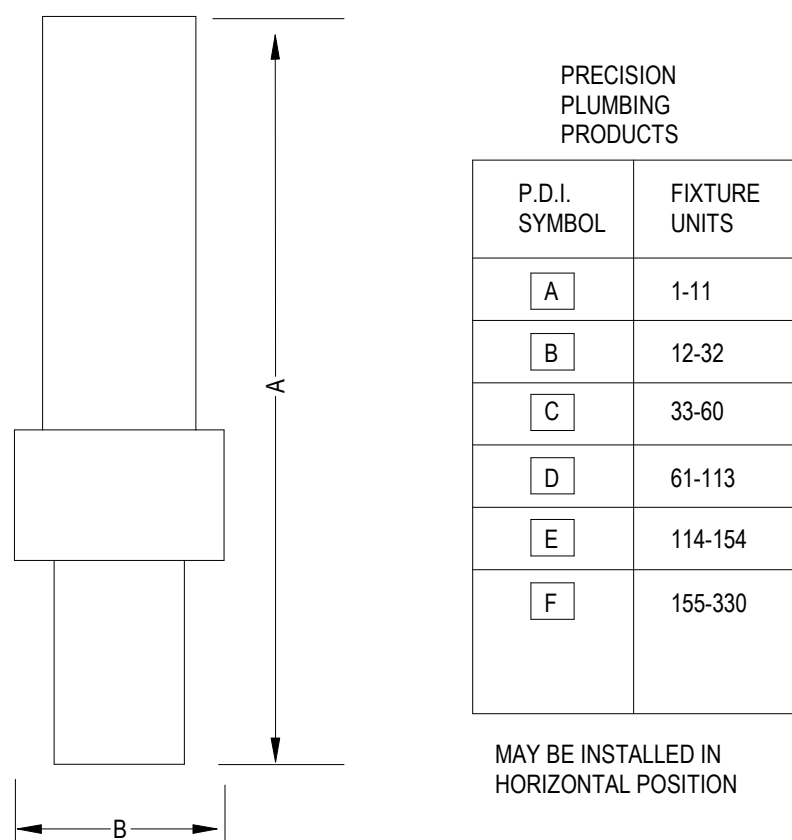
B4 VENT THROUGH ROOF
NTS



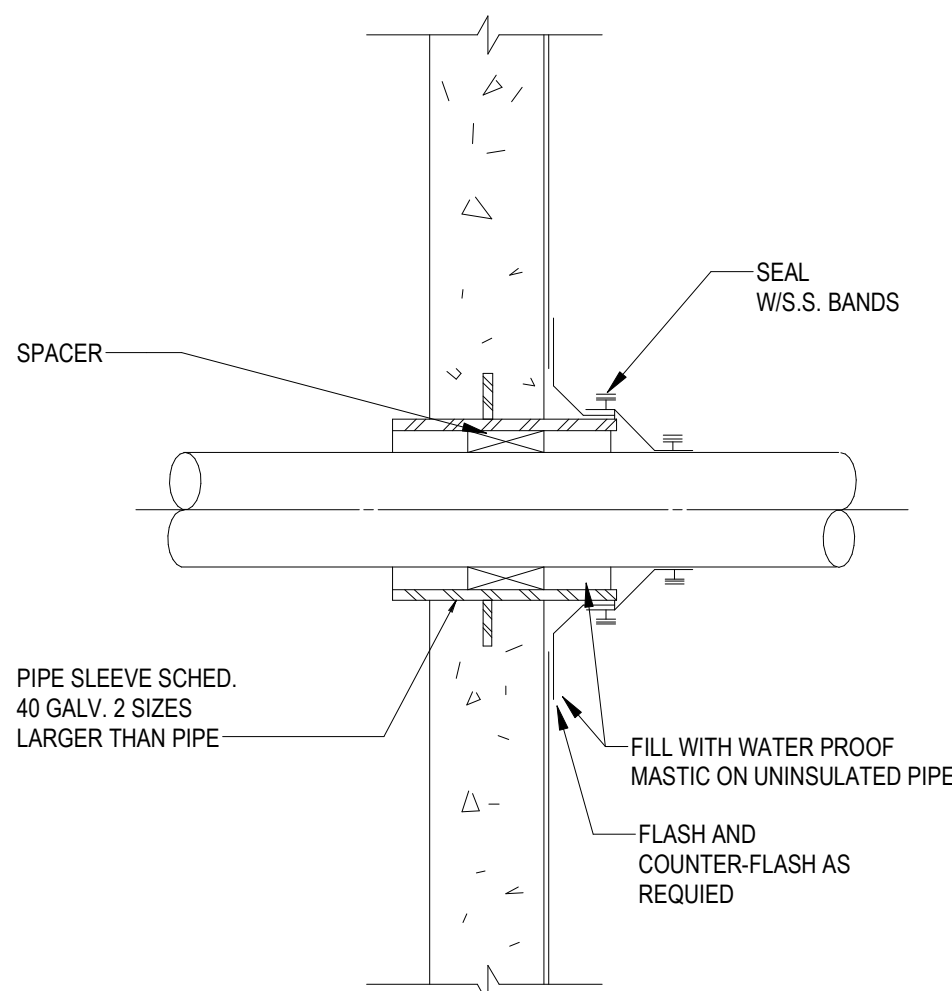
B5 ELECTRIC WATER HEATER
(INSTANT-FLOW)
NTS



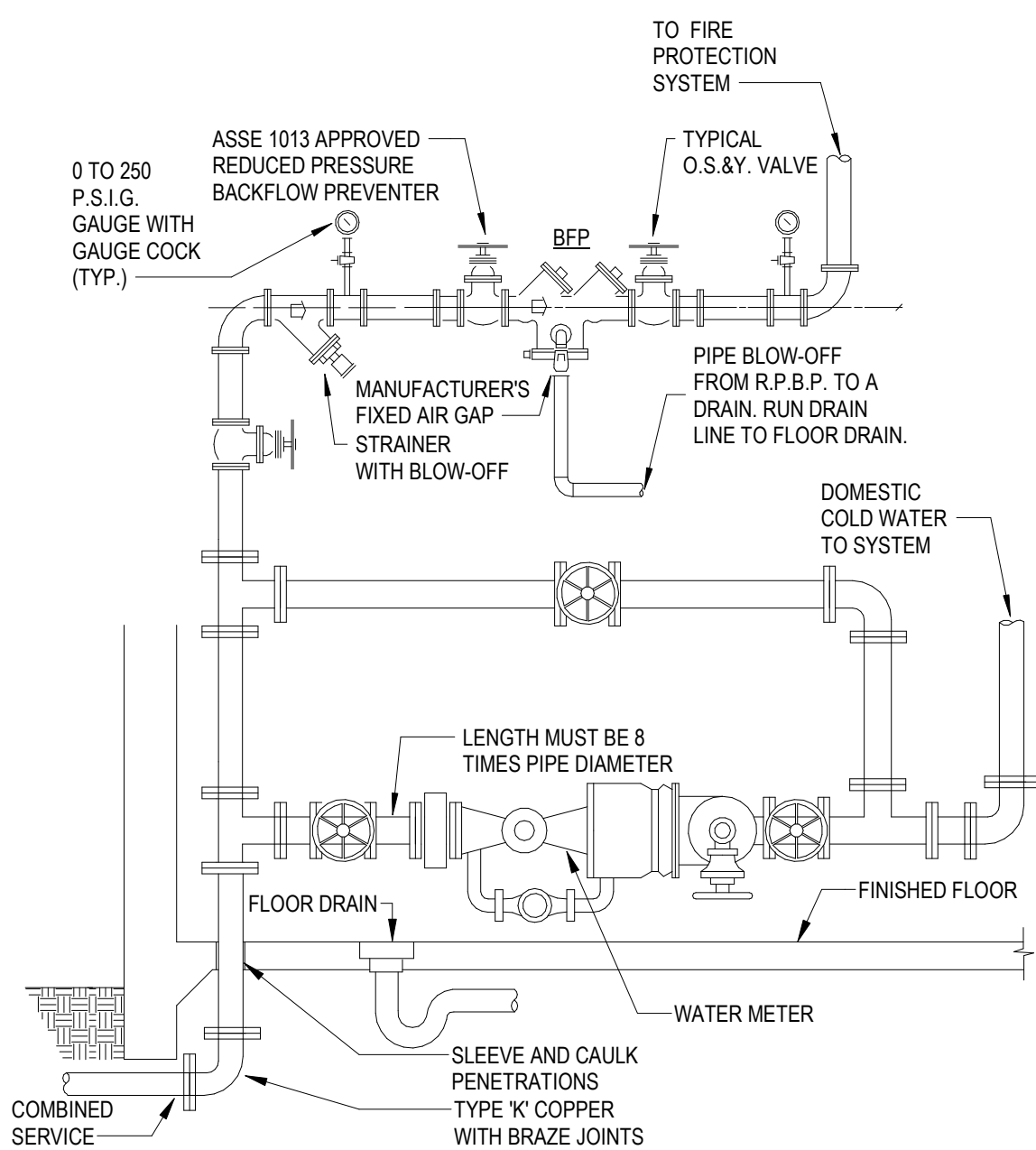
A2 FLOOR CLEANOUT
NTS



A3 WATER HAMMER
ARRESTOR
NTS



A4 PIPE PENETRATION
NTS



A5 DOMESTIC WATER ENTRY (COMBINATION SERVICE)
NTS



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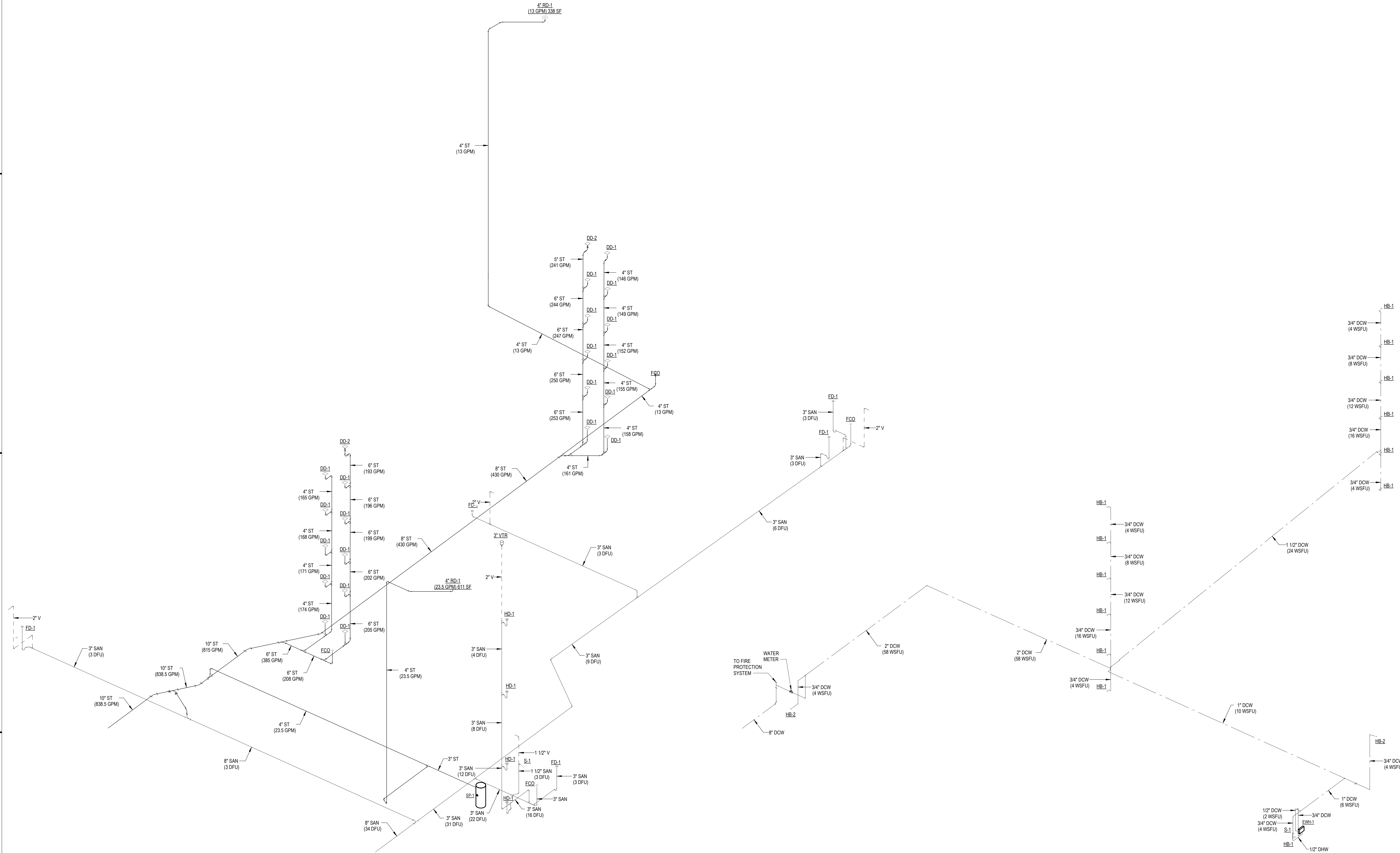
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PLUMBING ISOMETRICS

SHEET NUMBER:

P901



A1 PLUMBING ISOMETRIC - SANITARY, VENT, & STORM

A4 PLUMBING ISOMETRIC - DOMESTIC WATER