



**SCULLY DESIGN
BUILD, INC**
BUILDING FOR ETERNITY

INVITATION FOR BID

CONSTRUCTION REMODEL OF THE OLD FORD BUILDING 202 1st Ave E, Williston ND

ACCEPTANCE DATE: Prior to 4:00 p.m. January 13, 2025
PROJECT: RFQ-01

ACCEPTANCE PLACE: Scully Design Build, Inc
PO Box 1883
Williston, ND 58802
scullydesignbuild@gmail.com
701-609-2745

PROJECT DESCRIPTION:

The 28,500 SF building is under construction and is being remodeled in its' entirety. All scopes excluding electrical are invited to bid.

The project address above is open to walk through and can be coordinated by calling: 701-609-2745.

Thank you for your consideration to bid!
Requests for information related to this Invitation should be directed to:

Tess Scully
701-609-2745
E-mail address: scullydesignbuild@gmail.com
Architect: EAPC
[Brett Donat: Brett.Donat@eapc.net](mailto:Brett.Donat@eapc.net)
[Emily Kreil: Emily.Kreil@eapc.net](mailto:Emily.Kreil@eapc.net)

Issue Date: December 20, 2024

GREAT NORTHERN

EVENT CENTER - BP#3

202 1ST AVE E

WILLISTON, ND 58801

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LOCATION MAP



REGISTRATIONS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Architect under the laws of the State of North Dakota.
 Signature: *[Signature]*
 Date: 12/8/2024 REG. NO. : 1718



PROJECT IMAGE



Architecture Engineering
 Interior Design Industrial
 TELE 701.609.5290 FAX 701.609.5290*51
 313 Main Street, Suite 308, Williston ND 58801
 www.eapc.net

CLIENT
 SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
 GREAT NORTHERN

CITY WILLISTON
 STATE ND

ISSUE DATES

CD	CONFORMED SET	6/21/2024
MARK	DESCRIPTION	DATE

PROJECT NO: 20236130
 DRAWN BY: EK
 CHECKED BY: BD

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DRAWING TITLE
 COVER SHEET

G001

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

2	BID PACKAGE #3	12/18/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024
MARK	DESCRIPTION	DATE

PROJECT NO: **20236130**
DRAWN BY: **EK/MG**
CHECKED BY: **BD**

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Signature: *[Signature]*
Date: **12/8/2024** REG. NO. : **1718**

DRAWING TITLE
CODE PLAN - BASEMENT

KEYNOTE LEGEND:

◊ ◊ ◊ INDICATES KEYNOTE ON PLAN

EGRESS PATHS

PATH NAME	PATH LENGTH
TRAVEL DISTANCE TO EXIT	
TDX-1	81'-6"
TDX-2	92'-7"
TDX-3	140'-2"
TDX-4	138'-7"
TDX-5	146'-5"
TDX-6	173'-5"
TDX-7	86'-1"
TDX-8	76'-6"
TDX-9	75'-1"
TDX-10	58'-7"
TDX-11	83'-11"
TDX-12	58'-4"
TDX-13	38'-7"
TDX-14	41'-8"
TDX-15	48'-5"
TDX-16	48'-7"
TDX-17	69'-6"
TDX-18	69'-0"

OCCUPANCY LEGEND

◻ VIP EVENT SPACE

LIFE SAFETY LEGEND

- 1 HOUR FIRE BARRIER
- EXIT/EXIT DISCHARGE
- CLEAR WIDTH IN INCHES
- OCCUPANT CAPACITY
- COMMON PATH TRAVEL DISTANCE (CPTD)
- EXIT ACCESS (EXA)
- TRAVEL DISTANCE TO EXIT (TDX)
- FIRE-RATED SHAFT / CHUTE / HOISTWAY, RATINGS VARY - SEE PLAN
- ⊗ OCCUPANT LOAD IN A GIVEN ROOM OR AREA
- FEC FIRE EXTINGUISHER CABINET
- FE FIRE EXTINGUISHER
- ⊕ ILLUMINATED EXIT SIGN

REMOVE ITEMS FROM THE LEGEND NOT USED ON THE SHEET. IF NEEDED, DUPLICATE AND MODIFY THE LEGEND FOR MULTIPLE SHEETS

CODE ANALYSIS

PROJECT DESCRIPTION
RENOVATION OF 2 STORY AUTO DEALERSHIP FACILITY OF TYPE III B CONSTRUCTION INTO A FULLY SPRINKLED NON-SEPARATED MIXED OCCUPANCY EVENT CENTER WITH RETAIL AND DINING

FLOOR DESCRIPTION
RENOVATION OF BASEMENT INTO FULLY SPRINKLED A-2 OCCUPANCY

REFERENCE CODES
2021 INTERNATIONAL BUILDING CODE

OCCUPANCY
GROUP A-2 ASSEMBLY/DINING IBC 303.3
GROUP M MERCANTILE/RETAIL IBC 309.1
NON-SEPARATED MIXED USE IBC 508.3

ALLOWABLES USING MOST RESTRICTIVE OCCUPANCY
MAX HEIGHT 75'-0" IDK IBC TABLE 504.3
MAX # STORIES 3 IDK IBC TABLE 504.4
MAX AREA A = 28,500 SF IDK 20,241 SF IBC TABLE 506.2

CONSTRUCTION TYPE
TYPE III B NON-RATED/ 2-HR EXT. BEARING WALLS IBC TABLE 601

FIRE RESISTANCE
2-HR EXT. BEARING WALLS IBC TABLE 601
1-HR FIRE BARRIER IBC 207
SHAFT AND IDK ENCL. <4 STORIES IBC 713.4
INTERIOR EXIT STAIR ENCL. <4 STORIES IBC 509.4.2

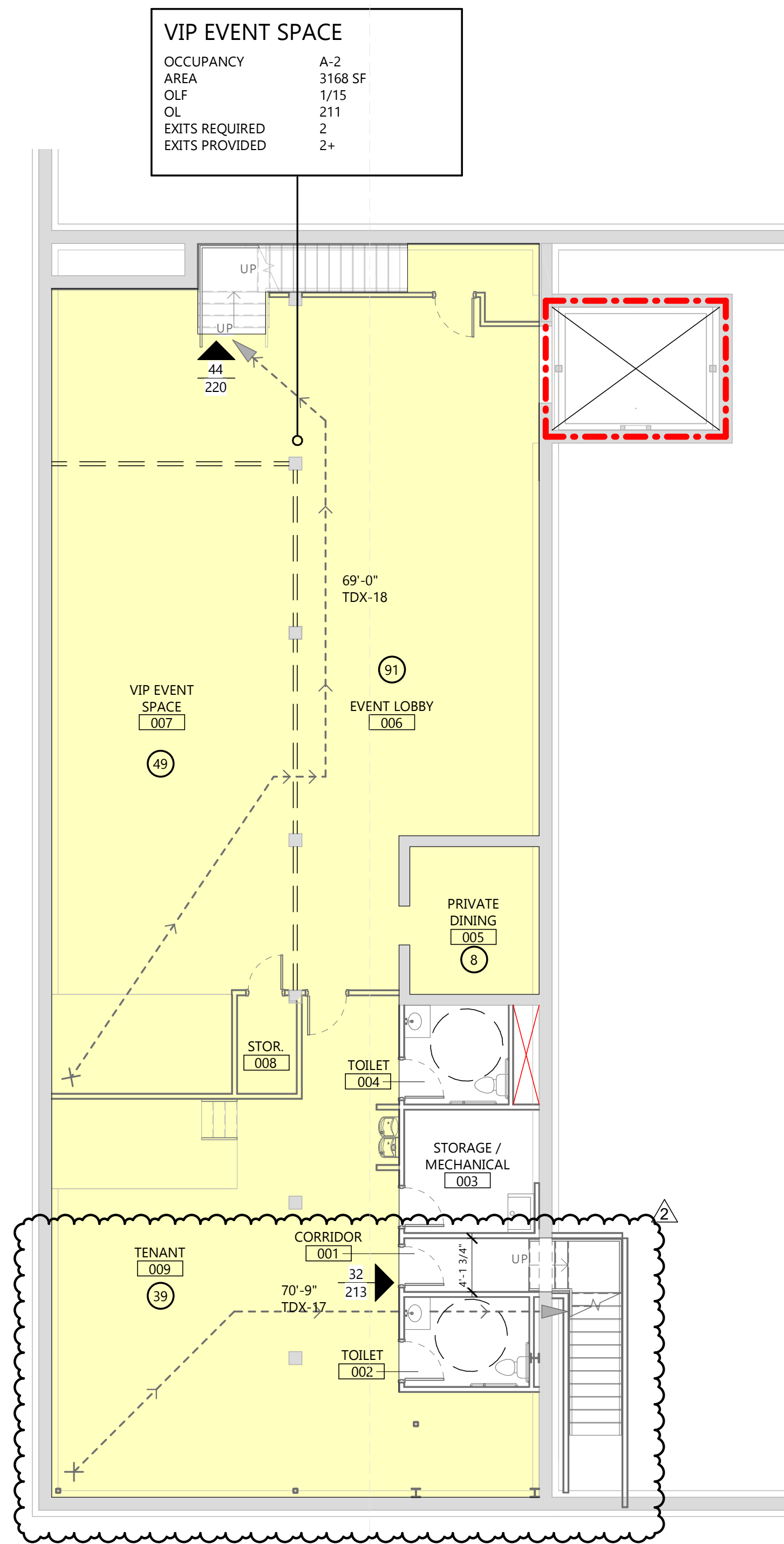
SMOKE PARTITIONS
INCIDENTAL USE/IDK CONTENTS IBC 710 IBC 509.4.2

FIRE PROTECTION
NFPA 13 IDK FIRE SPRINKLER IBC 903.2.1.3
SYSTEM WILL BE INSTALLED IN BUILDING IBC 903.2.1.3 IBC 903.3.1.1

EGRESS
FOR SPECIFIC AREAS AND TENANTS, SEE PLAN

VIP EVENT SPACE

OCCUPANCY A-2
AREA 3168 SF
OLF 1/15
OL 211
EXITS REQUIRED 2
EXITS PROVIDED 2+



1 LIFE SAFETY - BASEMENT
G100 1/8" = 1'-0"

**FLOOR PLAN LAYOUT SUBJECT TO CHANGE
BASED ON TENANT & SPACE REQUIREMENTS**

MERCANTILE	
OCCUPANCY	M
AREA	6631 SF
OLF	1/60
OL	111
EXITS REQUIRED	2
EXITS PROVIDED	2+

WOODFIRE PIZZA	
OCCUPANCY	A-2
AREA	1714 SF
OLF	1/15
OL	114
EXITS REQUIRED	2
EXITS PROVIDED	2

WINERY	
OCCUPANCY	A-2
AREA	1612 SF
OLF	1/15 SF
OL	108
EXITS REQUIRED	2
EXITS PROVIDED	2

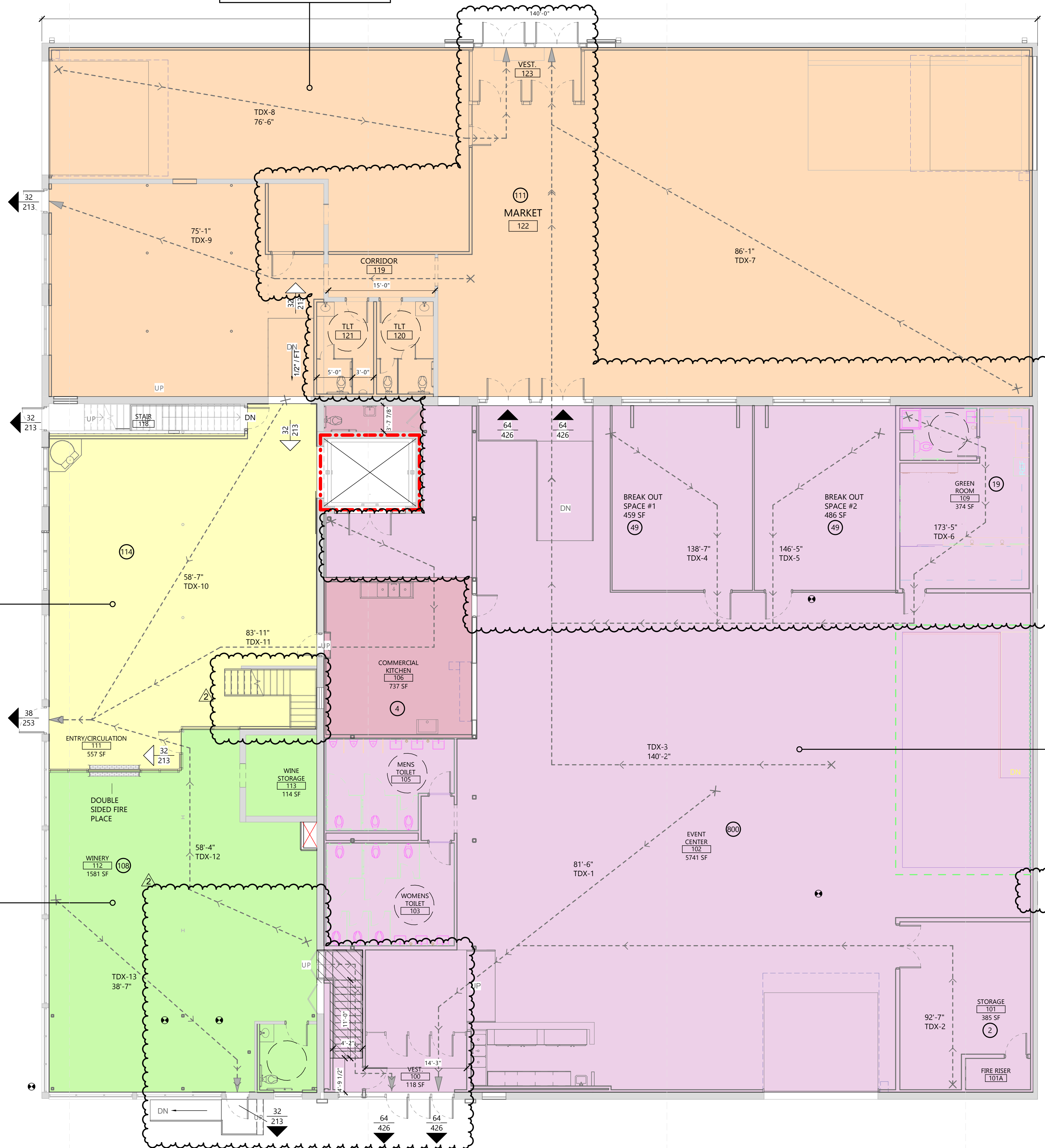
EGRESS PATHS	
PATH NAME	PATH LENGTH
TRAVEL DISTANCE TO EXIT	
TDX-1	81'-6"
TDX-2	92'-7"
TDX-3	140'-2"
TDX-4	138'-7"
TDX-5	146'-5"
TDX-6	173'-5"
TDX-7	86'-1"
TDX-8	76'-6"
TDX-9	75'-1"
TDX-10	58'-7"
TDX-11	83'-11"
TDX-12	58'-4"
TDX-13	38'-7"
TDX-14	41'-8"
TDX-15	48'-5"
TDX-16	48'-7"
TDX-17	69'-6"
TDX-18	69'-0"

OCCUPANCY LEGEND	
	VIP EVENT SPACE
	MERCANTILE
	EVENT CENTER
	WINERY
	COMMERCIAL KITCHEN

LIFE SAFETY LEGEND

- 1 HOUR FIRE BARRIER
- EXIT/EXIT DISCHARGE CLEAR WIDTH IN INCHES OCCUPANT CAPACITY
- COMMON PATH TRAVEL DISTANCE (CPTD) EXIT ACCESS (EXA) TRAVEL DISTANCE TO EXIT (TDX)
- FIRE-RATED SHAFT / CHUTE / HOISTWAY, RATINGS VARY - SEE PLAN
- OCCUPANT LOAD IN A GIVEN ROOM OR AREA
- FIRE EXTINGUISHER CABINET
- FIRE EXTINGUISHER
- ILLUMINATED EXIT SIGN

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EVENT CENTER	
OCCUPANCY	A-2
AREA	8317 SF
OLF	1/7
OL	800 MAX
EXITS REQUIRED	4
EXITS PROVIDED	4
TRAVEL DISTANCES	
COMMON PATH	59'-6"
EXIT ACCESS	103'-0"

CODE ANALYSIS

PROJECT DESCRIPTION
RENOVATION OF 2 STORY AUTO DEALERSHIP FACILITY OF TYPE IIIIB CONSTRUCTION INTO A FULLY SPRINKLED NON-SEPARATED MIXED OCCUPANCY EVENT CENTER WITH RETAIL AND DINING

FLOOR DESCRIPTION
RENOVATION OF 1ST FLOOR INTO FULLY SPRINKLED 20,241 SF NON-SEPARATED M AND A-2 OCCUPANCIES EVENT CENTER

REFERENCE CODES
2021 INTERNATIONAL BUILDING CODE

OCCUPANCY	ASSEMBLY/DINING	IBC 303.3
GROUP A-2	MERCANTILE/RETAIL	IBC 309.1
GROUP M		
NON-SEPARATED MIXED USE		IBC 508.3

ALLOWABLES USING MOST RESTRICTIVE OCCUPANCY

MAX HEIGHT	75'-0" IDK	IBC 508.3.2
MAX # STORIES	3 IDK	IBC TABLE 504.3
MAX AREA	A = 28,500 SF IDK 20,241 SF	IBC TABLE 506.2

CONSTRUCTION TYPE
TYPE IIIIB NON-RATED/ 2-HR EXT. BEARING WALLS IBC TABLE 601

FIRE RESISTANCE

2-HR EXT. BEARING WALLS	IBC TABLE 601
1-HR FIRE BARRIER	IBC 207
SHAFT AND IDK ENCL. <4 STORIES	IBC 713.4
INTERIOR EXIT STAIR ENCL. <4 STORIES	IBC 509.4.2

SMOKE PARTITIONS
INCIDENTAL USE/ IDK CONTENTS IBC 710 IBC 509.4.2

FIRE PROTECTION
NFPA 13 IDK FIRE SPRINKLER IBC 903.2.1.3
SYSTEM WILL BE INSTALLED IN BUILDING IBC 903.2.1.3 IBC 903.3.1.1

EGRESS
FOR SPECIFIC AREAS AND TENANTS, SEE PLAN

EAPC

Architecture Engineering
Interior Design Industrial

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GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

2	BID PACKAGE #3	12/18/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

PROJECT NO: **20236130**
DRAWN BY: **EK/MG**
CHECKED BY: **BD**

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Signature: *[Signature]*
Date: **12/8/2024** REG. NO. **1718**

DRAWING TITLE
CODE PLAN - FIRST FLOOR

G101

2 LIFE SAFETY PLAN - FIRST FLOOR
G101 1/8" = 1'-0"

CLIENT
SCULLY DESIGN BUILD, INC.

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GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

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DRAWING TITLE
CODE PLAN - SECOND FLOOR

G102

EGRESS PATHS	
PATH NAME	PATH LENGTH
TRAVEL DISTANCE TO EXIT	
TDX-1	81'-6"
TDX-2	92'-7"
TDX-3	140'-2"
TDX-4	138'-7"
TDX-5	146'-5"
TDX-6	173'-5"
TDX-7	86'-1"
TDX-8	76'-6"
TDX-9	75'-1"
TDX-10	58'-7"
TDX-11	83'-11"
TDX-12	58'-4"
TDX-13	38'-7"
TDX-14	41'-8"
TDX-15	48'-5"
TDX-16	48'-7"
TDX-17	69'-6"
TDX-18	69'-0"

OCCUPANCY LEGEND	
	STORAGE / MECHANICAL
	OFFICE
	WINERY
	STORAGE / MECHANICAL
	GREEN ROOM

LIFE SAFETY LEGEND

- 1 HOUR FIRE BARRIER
- EXIT/EXIT DISCHARGE
- CLEAR WIDTH IN INCHES
- OCCUPANT CAPACITY
- COMMON PATH TRAVEL DISTANCE (CPTD)
- EXIT ACCESS (EXA)
- TRAVEL DISTANCE TO EXIT (TDX)
- FIRE-RATED SHAFT / CHUTE / HOISTWAY, RATINGS VARY - SEE PLAN
- OCCUPANT LOAD IN A GIVEN ROOM OR AREA
- FIRE EXTINGUISHER CABINET
- FIRE EXTINGUISHER
- ILLUMINATED EXIT SIGN

REMOVE ITEMS FROM THE LEGEND NOT USED ON THE SHEET.
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CODE ANALYSIS

PROJECT DESCRIPTION
RENOVATION OF 2 STORY AUTO DEALERSHIP FACILITY OF TYPE III B CONSTRUCTION INTO A FULLY SPRINKLERED NON-SEPARATED MIXED OCCUPANCY EVENT CENTER WITH RETAIL AND DINING

FLOOR DESCRIPTION
RENOVATION OF 2ND FLOOR INTO FULLY SPRINKLERED OFFICE SPACE ALONG WITH EXISTING STORAGE AND NEW MECHANICAL ROOM

REFERENCE CODES
2021 INTERNATIONAL BUILDING CODE

OCCUPANCY		
GROUP A-2	ASSEMBLY/DINING	IBC 303.3
GROUP M	MERCANTILE/RETAIL	IBC 309.1
NON-SEPARATED MIXED USE		IBC 508.3

ALLOWABLES USING MOST RESTRICTIVE OCCUPANCY

MAX HEIGHT	75'-0" IDK	IBC 508.3.2
MAX # STORIES	3 IDK	IBC TABLE 504.3
MAX AREA	A = 28,500 SF IDK 20,241 SF	IBC TABLE 504.4
		IBC TABLE 506.2

CONSTRUCTION TYPE
TYPE III B NON-RATED/
2-HR EXT. BEARING WALLS IBC TABLE 601

FIRE RESISTANCE

2-HR EXT. BEARING WALLS	IBC TABLE 601
1-HR FIRE BARRIER	IBC 207
SHAFT AND IDK ENCL. <4 STORIES	IBC 713.4
INTERIOR EXIT STAIR ENCL. <4 STORIES	IBC 509.4.2

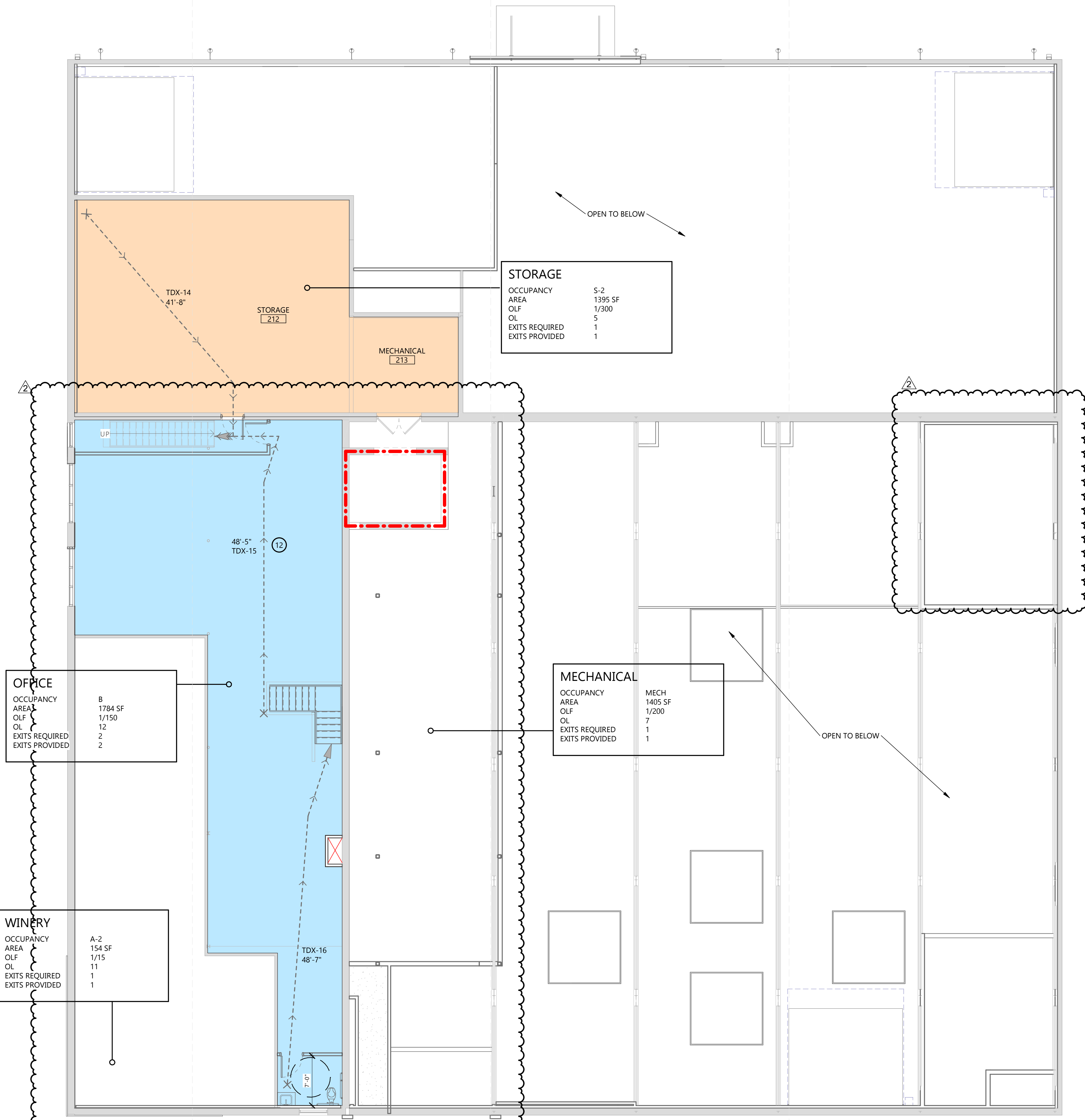
SMOKE PARTITIONS

INCIDENTAL USE/IDK CONTENTS	IBC 710
	IBC 509.4.2

FIRE PROTECTION

NFPA 13 IDK FIRE SPRINKLER	IBC 903.2.1.3
SYSTEM WILL BE INSTALLED IN BUILDING	IBC 903.2.1.3
	IBC 903.3.1.1

EGRESS
FOR SPECIFIC AREAS AND TENANTS, SEE PLAN



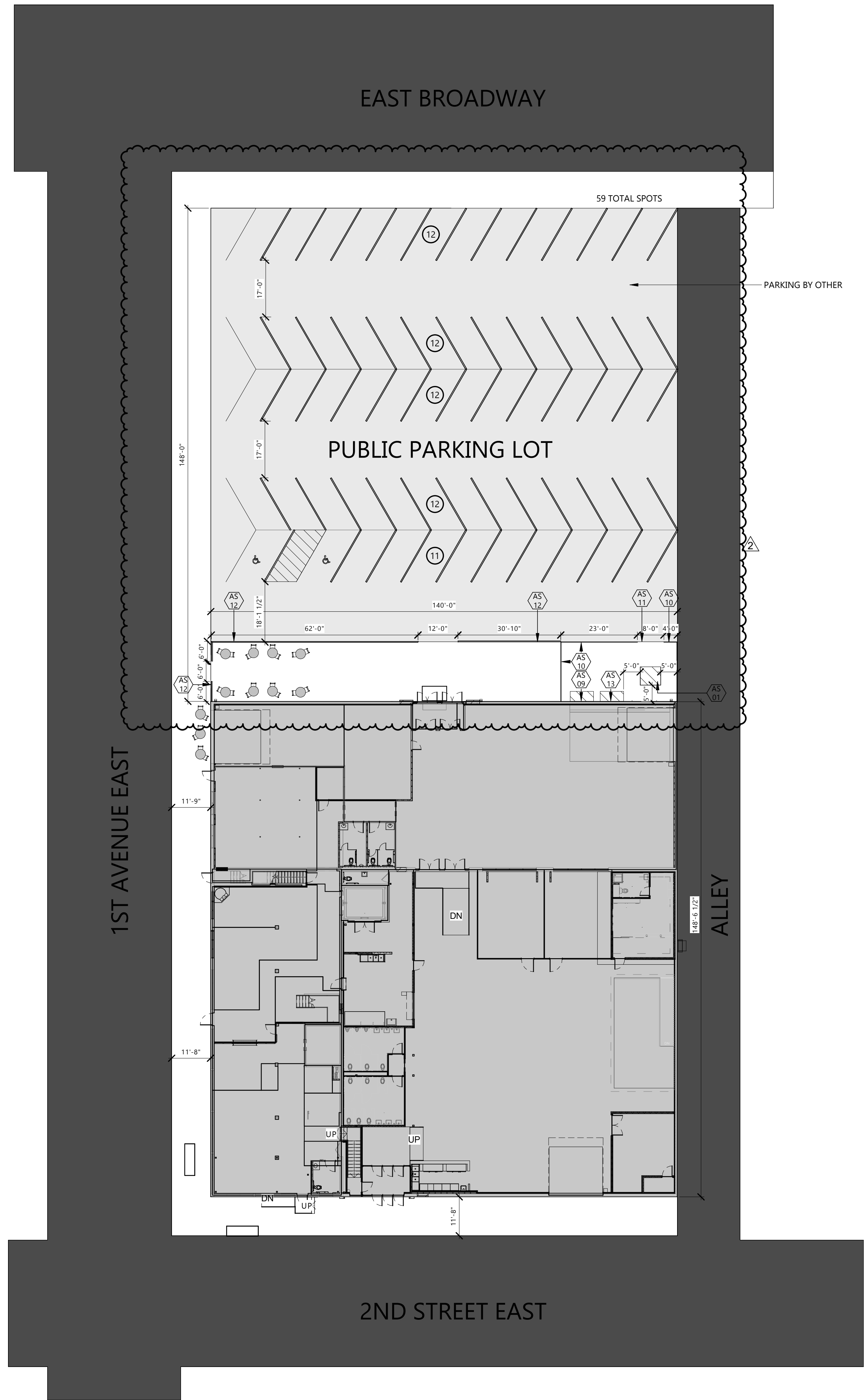
STORAGE
OCCUPANCY S-2
AREA 1395 SF
OLF 1/300
OL 5
EXITS REQUIRED 1
EXITS PROVIDED 1

MECHANICAL
OCCUPANCY MECH
AREA 1405 SF
OLF 1/200
OL 7
EXITS REQUIRED 1
EXITS PROVIDED 1

OFFICE
OCCUPANCY B
AREA 1784 SF
OLF 1/150
OL 12
EXITS REQUIRED 2
EXITS PROVIDED 2

WINERY
OCCUPANCY A-2
AREA 154 SF
OLF 1/15
OL 11
EXITS REQUIRED 1
EXITS PROVIDED 1

1 LIFE SAFETY PLAN - SECOND FLOOR
G102 1/8" = 1'-0"



KEYNOTE LEGEND:

<<< INDICATES KEYNOTE ON PLAN

AS 01 ELECTRICAL TRANSFORMER - SEE ELEC.

AS 09 7'-0" GAS METER BANK

AS 10 8'-0" FENCE AROUND UTILITIES

AS 11 (2) 4'-0" WIDE GATES

AS 12 DECORATIVE FENCE - BY OWNER

AS 13 CT CABINET/METER SOCKET - MOUNT TO WALL

EAPC

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Interior Design Industrial

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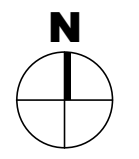
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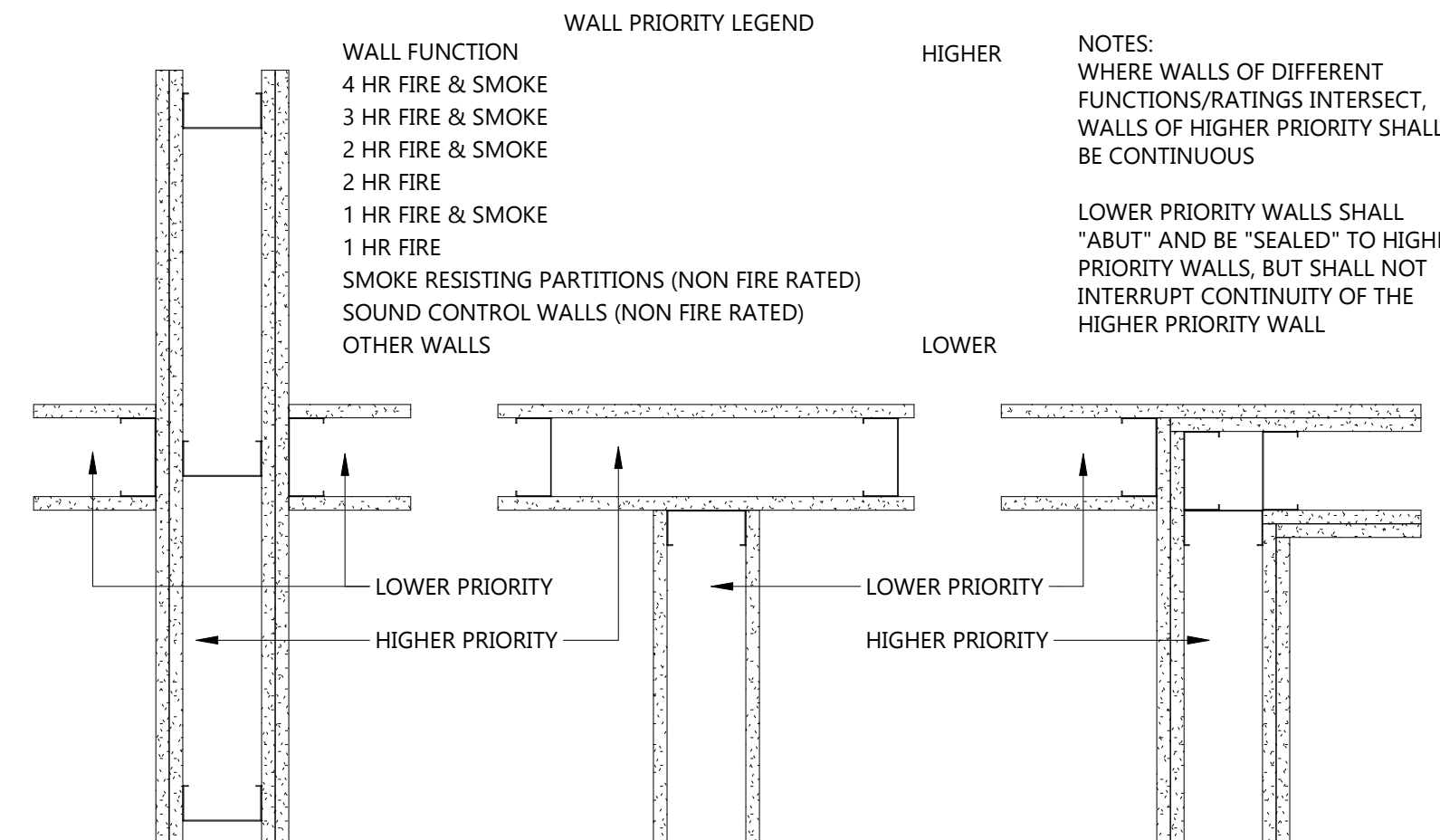
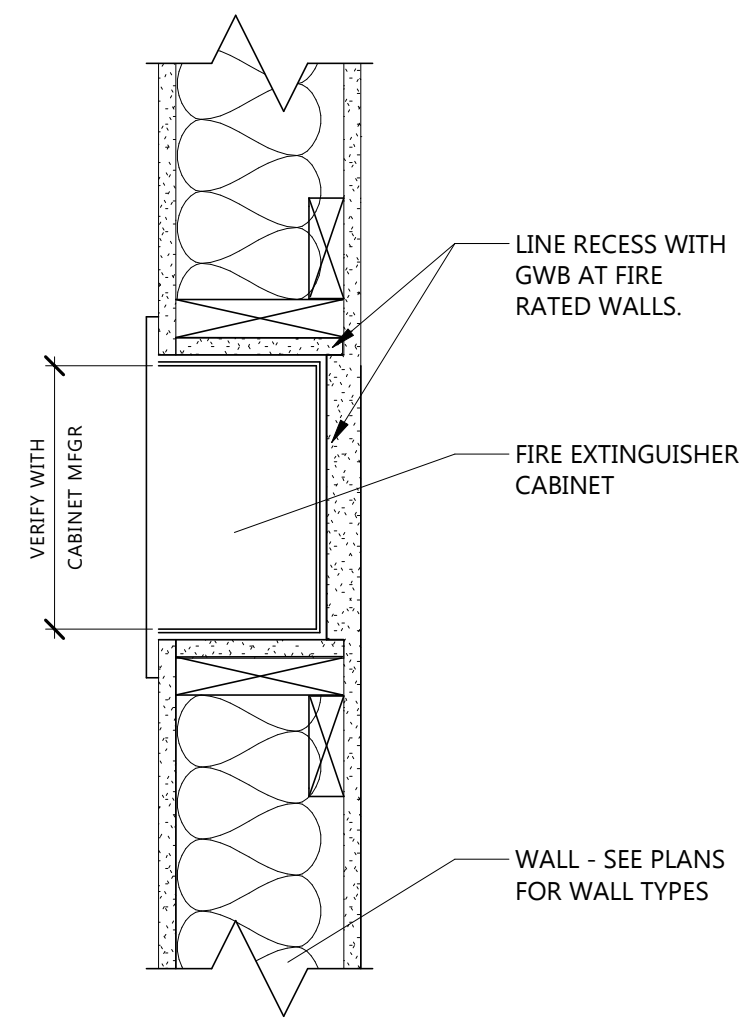
Signature: *[Signature]*
Date: 12/8/2024 REG. NO. 1718

DRAWING TITLE
ARCHITECTURAL SITE
PLAN, DETAILS

A003

1 SITE PLAN
A003 1" = 20'-0"





GENERAL INTERIOR PARTITION NOTES

- SEE FLOOR PLANS FOR EXTENT OF EACH WALL
- ON ALL RESTROOM WALLS AND OTHER AREAS SCHEDULED TO RECEIVE FRP OR TILE FINISH, PROVIDE A MINIMUM OF MOISTURE-RESISTANT GYPSUM BOARD.
- ALL PARTITIONS CONTAINING PLUMBING OR HAVING AN EXTERIOR FACE SHALL BE INSULATED.
- WHERE GYPSUM BOARD EXTENDS TO UNDERSIDE OF STRUCTURE ABOVE, STOP GYPSUM BOARD 1/2" BELOW LINE OF STRUCTURE AND SEAL AS REQUIRED.
- REFERENCE FLOOR FINISH PLANS AND WALL FINISH PLANS FOR ADDITIONAL FINISHES NOT INDICATED ON PARTITION TYPES.
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF WALL PENETRATIONS. SEAL ALL OPENINGS WITH ACOUSTICAL SEALANT.
- PROVIDE FIRE-TREATED WOOD OR STEEL BACKING FOR ALL WALL-MOUNTED FINISH CARPENTRY, ARCHITECTURAL WOODWORK, TOILET PARTITIONS, ACCESSORIES AND OTHER SIMILAR ITEMS.

FIRE-RATED PARTITION NOTES:

- ALL PARTITIONS NOTED TO BE FIRE-RESISTANCE RATED SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FIRE RESISTANCE TESTS.
- FIRE-RATED PARTITIONS SHALL BE CONSTRUCTED BEFORE NON-RATED PARTITIONS.
- ALL FIRE-RATED PARTITIONS TO EXTEND FROM TOP OF UNFINISHED FLOOR TO UNDERSIDE OF STRUCTURE ABOVE. SEAL TOP, BOTTOM AND ALL PENETRATIONS WITH FIRE-RATED SEALANT.
- ALL PENETRATIONS IN FIRE-RATED PARTITIONS SHALL BE SEALED WITH MATERIALS, SEALANTS AND/OR ASSEMBLIES WHICH MAINTAIN THE FIRE-RESISTANCE RATING OF THE PARTITION

EAPC

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Interior Design Industrial

TELE 701.609.5290 FAX 701.609.5290*51
313 Main Street, Suite 308, Williston ND 58901

www.eapc.net

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024
MARK	DESCRIPTION	DATE

PROJECT NO: **20236130**

DRAWN BY: **EK**

CHECKED BY: **BD**

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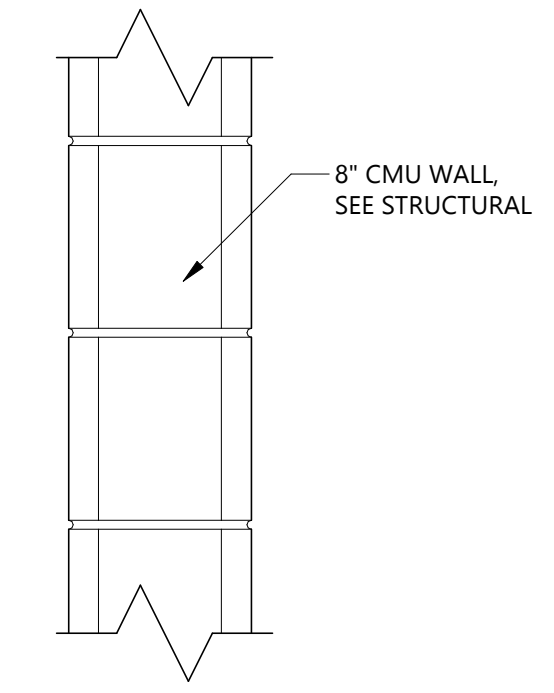
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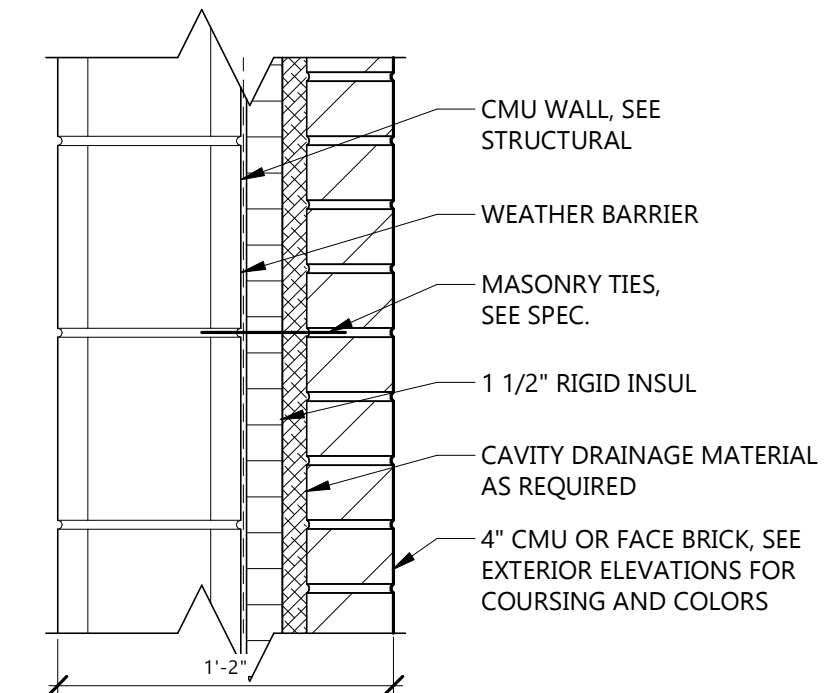
Signature: *[Signature]*
Date: **12/8/2024** REG. NO. **1718**

DRAWING TITLE
WALL, FLOOR AND ROOF TYPES

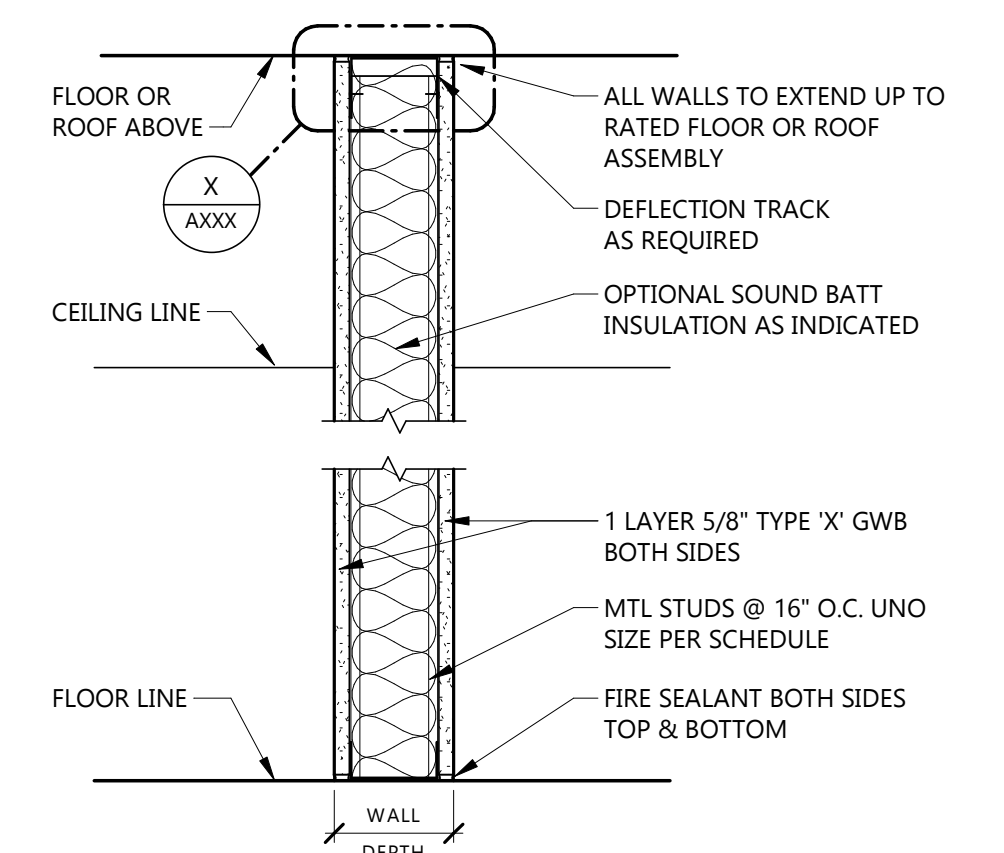
A021



M1 8" (DOUBLE) CMU WALL

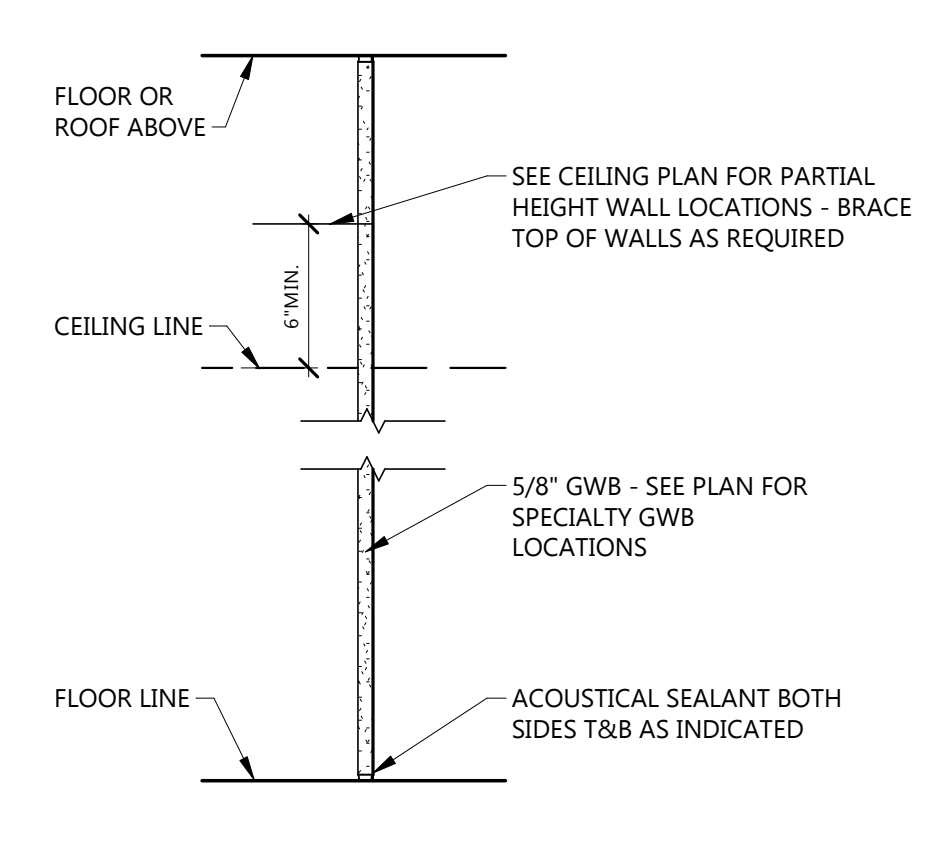


E1 EXTERIOR BRICK ON CMU BACKUP



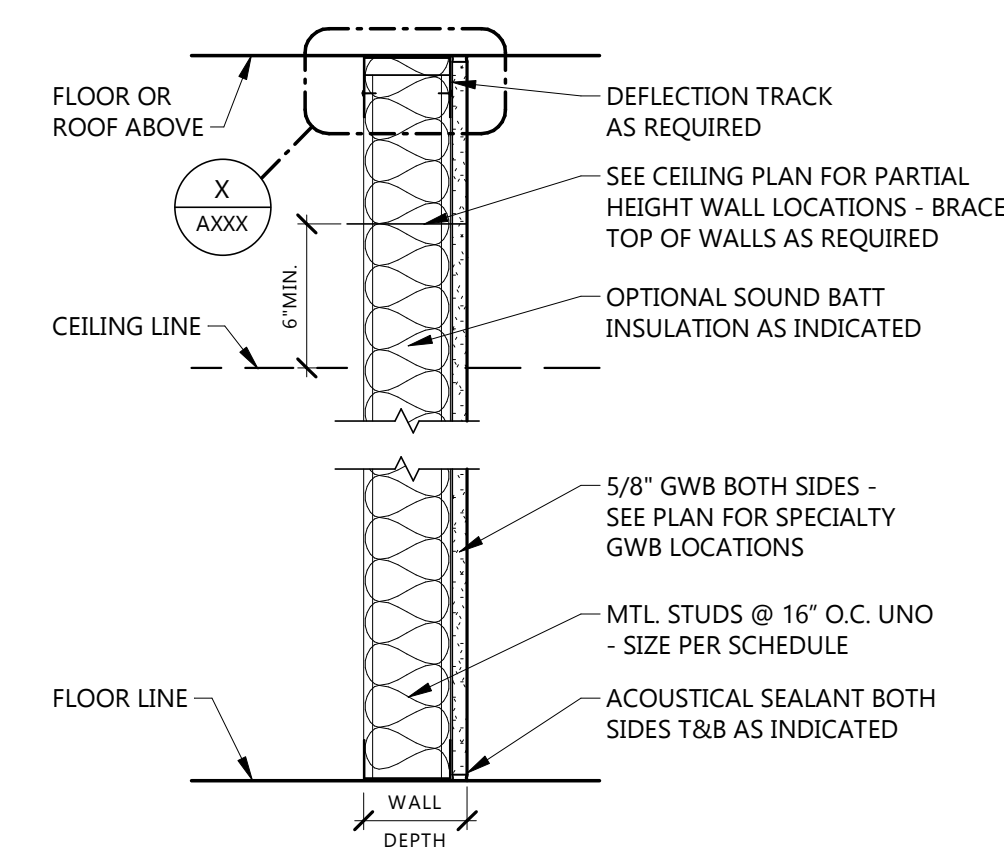
TYPE MARK	STUD SIZE	WALL DEPTH	FIRE RATING	FIRE TEST	SOUND ATTENUATION			NOTES
					SAB	STC	TEST	
C5	3 5/8"	4 7/8"	1-HR FB	U450, U465	3 1/2"	48	TL99-103	

SEE LIFE SAFETY PLAN FOR 1-HOUR F.R. ASSEMBLY TYPES AND LOCATIONS
C 1-HOUR RATED GWB ON MTL STUDS



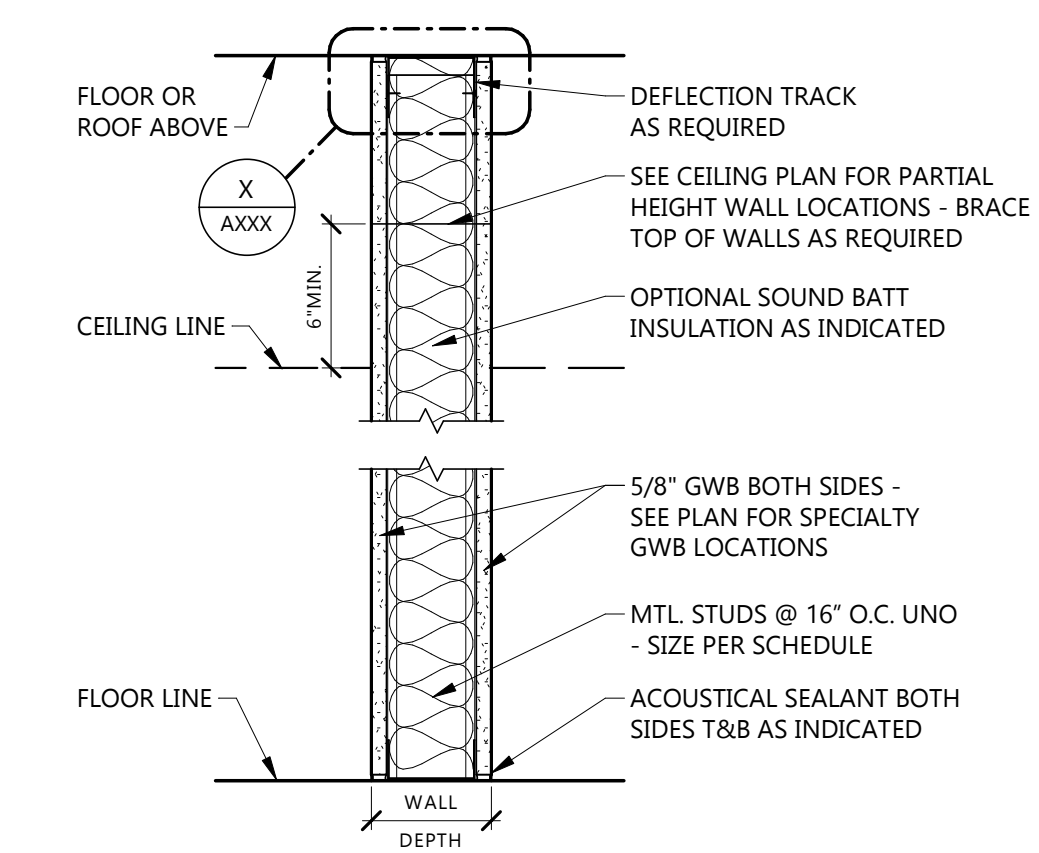
TYPE MARK	STUD SIZE	WALL DEPTH	FIRE RATING	FIRE TEST	SOUND ATTENUATION			NOTES
					SAB	STC	TEST	
Z1	-	5/8"	NR	-	-	-	-	

SEE LIFE SAFETY PLAN FOR N.R. SMOKE-RESISTIVE WALL LOCATIONS
Z NON-RATED GWB ON METAL STUDS



TYPE MARK	STUD SIZE	WALL DEPTH	FIRE RATING	FIRE TEST	SOUND ATTENUATION			NOTES
					SAB	STC	TEST	
J4	3 5/8"	4 1/4"	NR	-	-	-	-	

SEE LIFE SAFETY PLAN FOR N.R. SMOKE-RESISTIVE WALL LOCATIONS
J NON-RATED GWB ON METAL STUDS



TYPE MARK	STUD SIZE	WALL DEPTH	FIRE RATING	FIRE TEST	SOUND ATTENUATION			NOTES
					SAB	STC	TEST	
A3	1 5/8"	2 7/8"	NR	-	-	-	-	
A5	3 5/8"	4 7/8"	NR	-	3 1/2"	-	-	
A7	6"	7 1/4"	NR	-	3 1/2"	-	-	
A9	8"	9 1/4"	NR	-	3 1/2"	-	-	

SEE LIFE SAFETY PLAN FOR N.R. SMOKE-RESISTIVE WALL LOCATIONS
A NON-RATED GWB ON METAL STUDS

GENERAL DEMO NOTES

- PATCH OR REPAIR ALL HOLES @ FLOORS, WALLS AND CEILINGS WHERE NEW FINISHES ARE INDICATED ON ROOM FINISH SCHEDULE OR AS NECESSARY TO MATCH EXISTING ADJACENT SURFACES TO INCLUDE GROUTING, LEVELING FLOOR, PLASTER PATCHING WALLS, CARPET PATCHING, OR ANY OTHER ADJACENT SURFACES PRESENT.
- REMOVE FINISHES ON EXISTING FLOORS, WALLS, AND CEILINGS WHERE NEW FINISHES ARE INDICATED ON ROOM FINISH SCHEDULE, UNLESS NOTED OTHERWISE.
- THE OWNER RESERVES THE RIGHT TO SALVAGE ANY OR ALL ITEMS SUBJECT TO DEMOLITION - WHEN ITEMS ARE REQUESTED TO BE TURNED OVER TO THE OWNER, THE OWNER WILL MAKE NECESSARY ARRANGEMENTS FOR TRANSPORTATION TO THE STORAGE LOCATION - ANY & ALL ITEMS NOT REQUESTED FOR OWNER SALVAGE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.
- SEE STRUCTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS FOR ADDITIONAL DEMOLITION. COORDINATE WITH OTHER CONTRACTORS AS NECESSARY TO CONDUCT WORK. GENERAL CONTRACTOR SHALL CUT, PATCH, & REPAIR TO RESTORE SURFACES TO BE READY FOR FINISHES, UNLESS NOTED OTHERWISE.
- OBJECTS SHOWN ON DEMOLITION PLANS WITH A "DASHED" LINE ARE TO BE REMOVED IN THEIR ENTIRETY BACK TO SOUND STRUCTURE. COORDINATE WITH ALL DEMOLITION NOTES.
- CONTRACTORS SHOULD NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES IN THE DRAWINGS REGARDING THE REMOVAL OF WORK DOCUMENTED AND DETAILED AS SUCH. THESE DEMOLITION PLAN DRAWINGS WERE CREATED FROM EXISTING WORKING DRAWINGS AND ARE INTENDED TO SHOW THE GENERAL CONDITIONS WHICH ARE EXPECTED TO OCCUR. VERIFY ALL CONDITIONS BEFORE THE START OF DEMOLITION. REPORT ANY DIFFERENCES TO THE ARCHITECT AND SECURE INSTRUCTIONS BEFORE PROCEEDING IN THE AFFECTED AREA.
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- THE CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES/ROOMS BY DEMOLITION WORK.
- ALL MATERIALS TO BE REMOVED ARE TO BE PROPERLY & LEGALLY DISPOSED OF OFF-SITE.
- WHERE DEMOLITION WORK OCCURS ADJACENT TO OR INTEGRAL WITH EXISTING FINISHES WHICH ARE NOTED TO REMAIN, THE CONTRACTOR SHALL PERFORM THE WORK IN A NEAT & CAREFUL FASHION SO THAT PATCHING & REPAIR, TO BE DONE BY OTHERS, CAN BE REASONABLY ACCOMPLISHED.
- ALL EQUIPMENT TO BE REMOVED/RELOCATED BY THE OWNER.
- SEE PROPOSED NEW FLOOR PLAN DETAILS ON A201
- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION. COORDINATE WITH PLUMBING AND ELECTRICAL CONTRACTORS AS NECESSARY TO CONDUCT WORK. CUT, PATCH & REPAIR TO RESTORE SURFACES TO BE READY FOR FINISHES, UNLESS OTHERWISE NOTED.

KEYNOTE LEGEND:

- ◊ ◊ ◊ ◊ INDICATES KEYNOTE ON PLAN
- AD 02 REMOVE EXISTING FLOORING / BASE
- AD 04 REMOVE EXISTING PLUMBING FIXTURES
- AD 05 REMOVE EXISTING DOOR, FRAME & HARDWARE
- AD 06 REMOVE LIGHT FIXTURES
- AD 07 REMOVE INTERIOR WALLS
- AD 08 REMOVE EXISTING WINDOWS
- AD 12 REMOVE EXISTING LIFT EQUIPMENT
- AD 13 REMOVE EXISTING OVERHEAD DOOR
- AD 14 REMOVE EXISTING STAIR & RAILING
- AD 20 VERIFY EXTENT OF CONCRETE CUTTING FOR STRUCTURAL FOOTINGS
- AD 21 VERIFY EXTENT OF CONCRETE CUTTING FOR PLUMBING
- AD 22 REMOVE CONCRETE FLOOR FOR RAMP
- AD 24 REMOVE EXISTING CONCRETE RAMP

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
2	BID PACKAGE #3	12/18/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

PROJECT NO: 20236130
DRAWN BY: EK
CHECKED BY: BD

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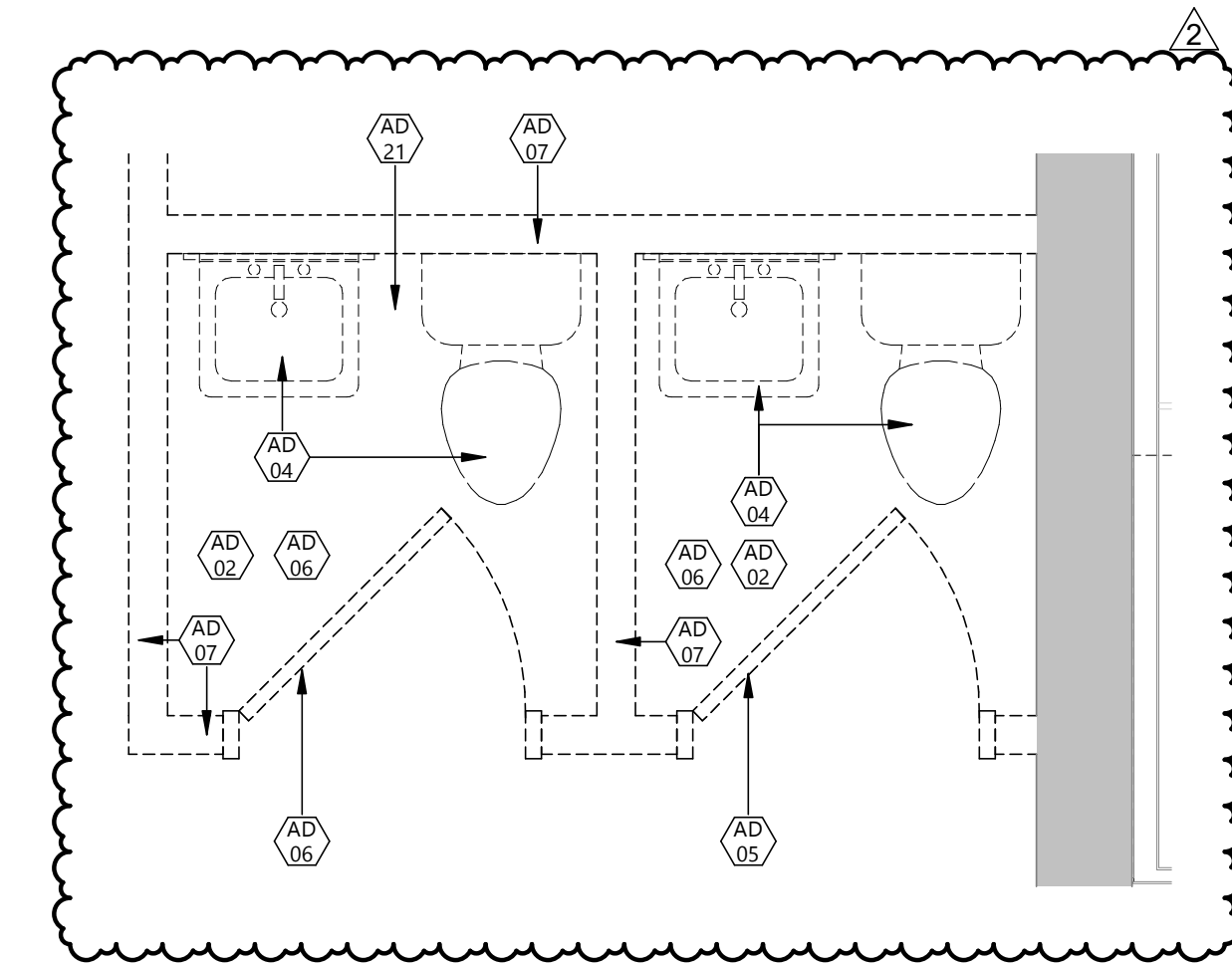
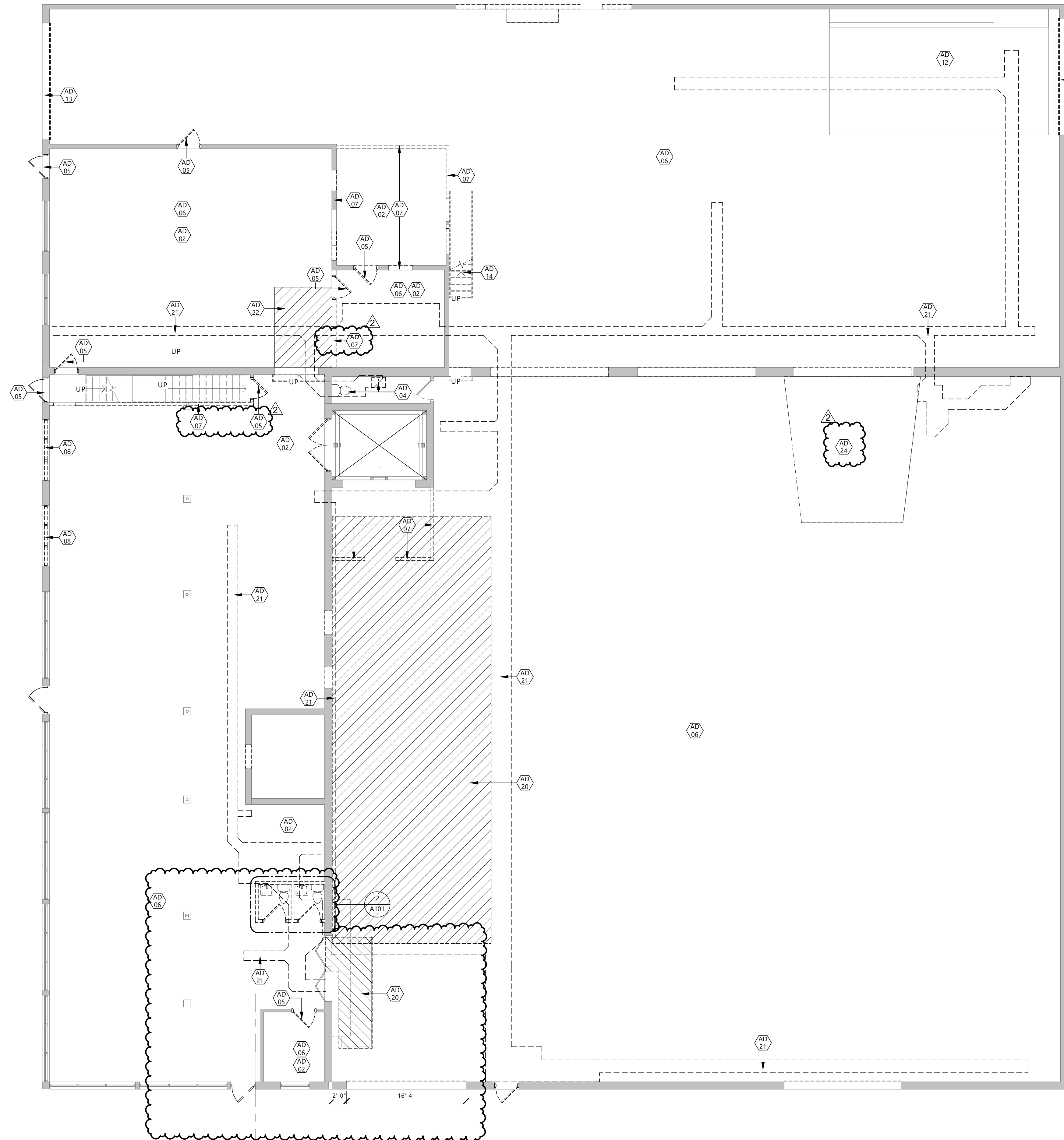
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Signature: *[Signature]*
Date: 12/8/2024 REG. NO. 1718

DRAWING TITLE
FIRST FLOOR PLAN - DEMOLITION

A101



1 FIRST FLOOR PLAN DEMOLITION PLAN Copy 1
A101 1/8" = 1'-0"

2 SHOW ROOM BATHROOM DEMOLITION PLAN 1
A101 1/2" = 1'-0"

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DRAWING TITLE
BASEMENT & SECOND FLOOR PLAN - DEMOLITION

A102

KEYNOTE LEGEND:

◊ ◊ ◊ INDICATES KEYNOTE ON PLAN

AD 02 REMOVE EXISTING FLOORING / BASE

AD 03 REMOVE EXISTING MECH. EQUIPMENT - SEE MECH.

AD 04 REMOVE EXISTING PLUMBING FIXTURES

AD 05 REMOVE EXISTING DOOR, FRAME & HARDWARE

AD 06 REMOVE LIGHT FIXTURES

AD 07 REMOVE INTERIOR WALLS

AD 08 REMOVE EXISTING WINDOWS

AD 11 REMOVE EXISTING FLOOR

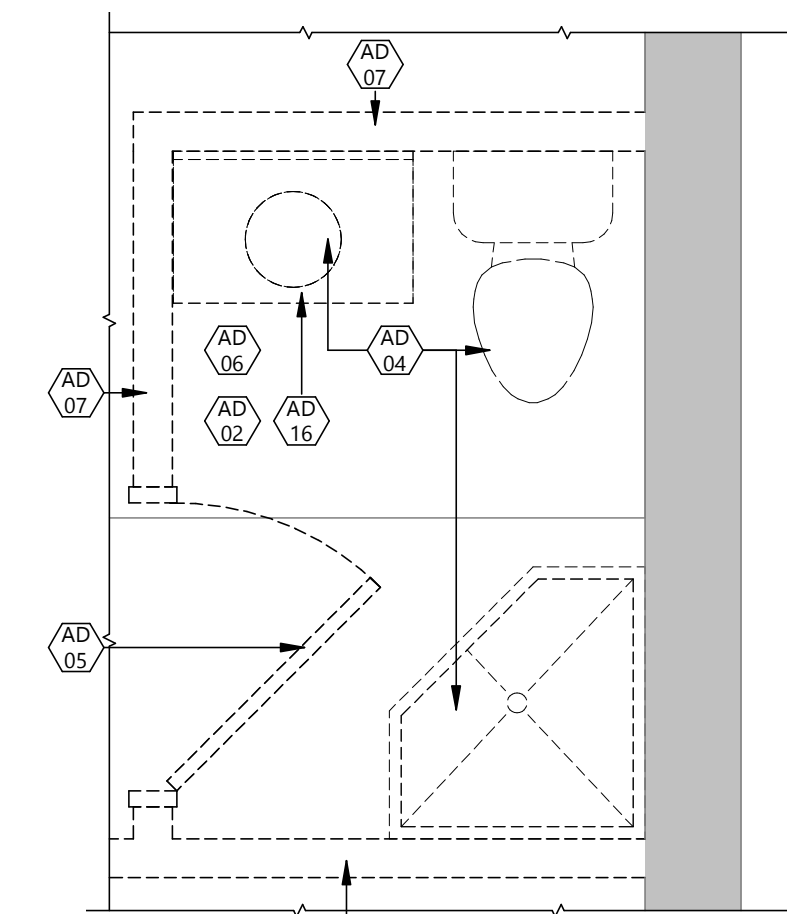
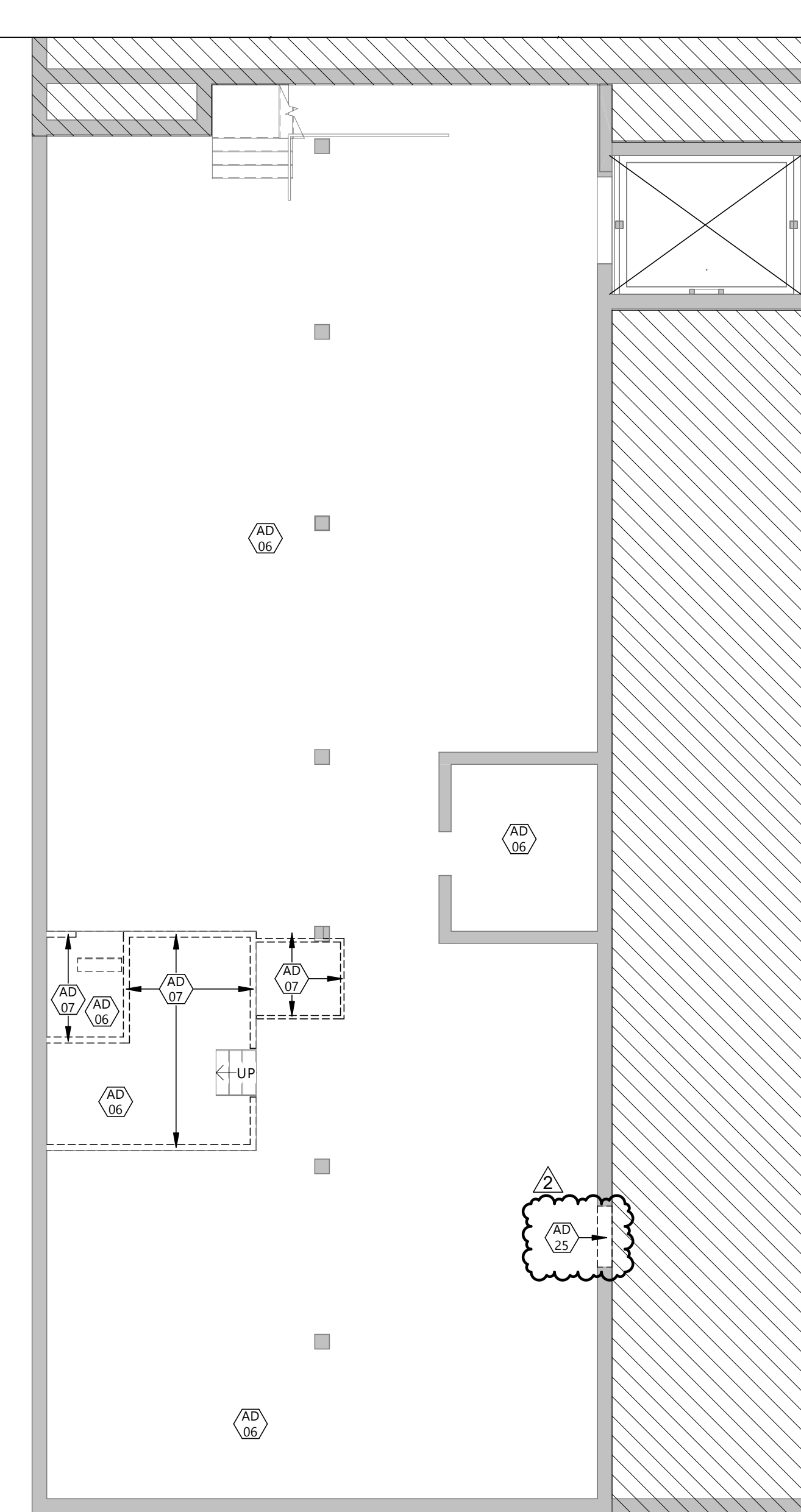
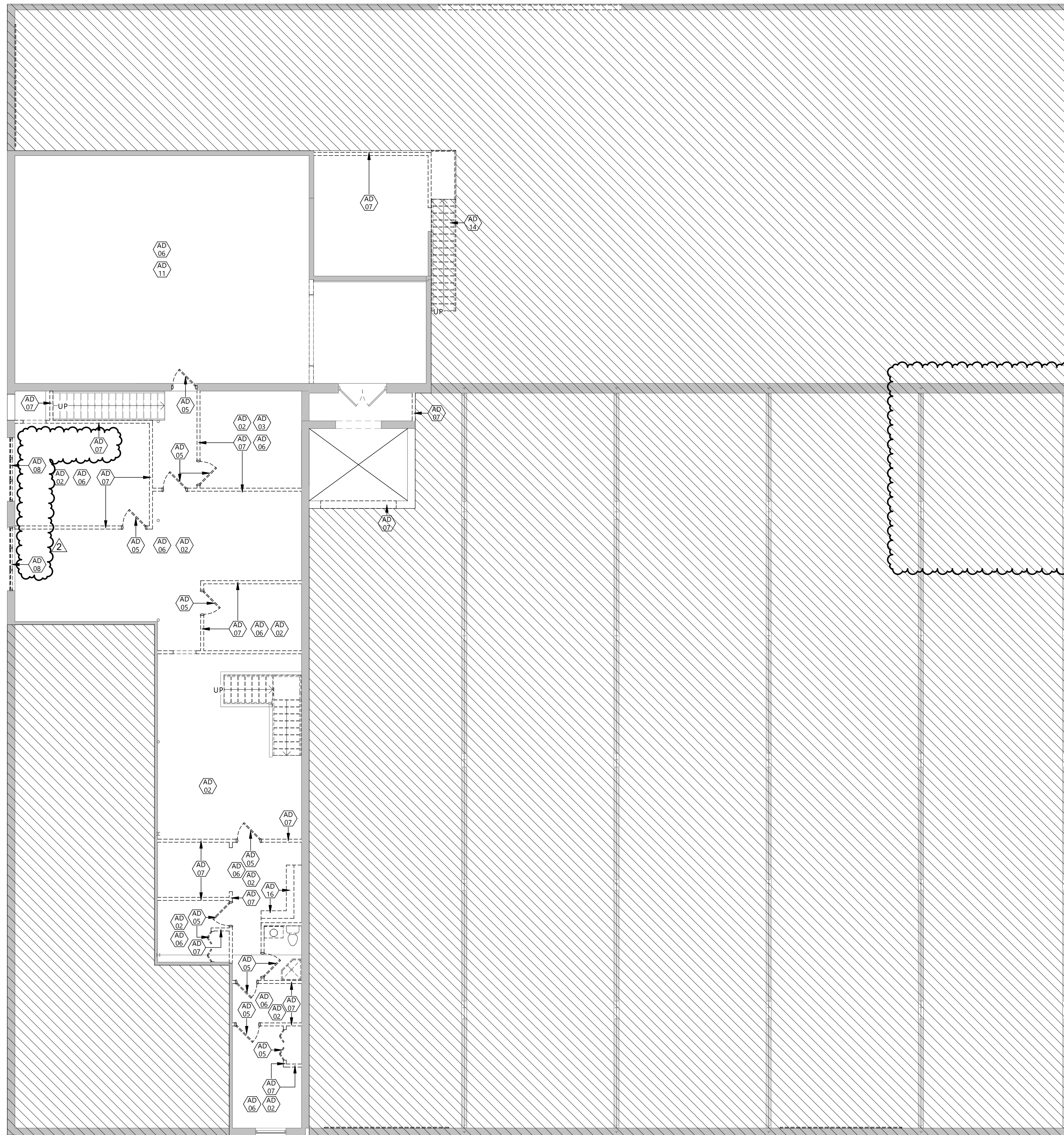
AD 14 REMOVE EXISTING STAIR & RAILING

AD 16 REMOVE EXISTING COUNTER / SHELVING / CASEWORK

AD 25 REMOVE EXISTING BASEMENT WALL/FOUNDATION - SEE STRUCT.

GENERAL DEMO NOTES

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1 SECOND FLOOR DEMOLITION PLAN
A102 1/8" = 1'-0"

2 BASEMENT DEMOLITION PLAN
A102 1/8" = 1'-0"

3 SECOND FLOOR TLT DEMO PLAN
A102 1/2" = 1'-0"

GENERAL NOTES

1. ALL EXTERIOR WINDOWS & DOORS TO BE REPLACED WITH NEW - SEE SHEET AB01 FOR DETAILS
2. FIELD MEASURE TO VERIFY ALL EXISTING OPENINGS WHERE INDICATED ON SHEET AB02

KEYNOTE LEGEND:

- << INDICATES KEYNOTE ON PLAN
- AD 05 REMOVE EXISTING DOOR, FRAME & HARDWARE
- AD 08 REMOVE EXISTING WINDOWS
- AD 10 REMOVE EXISTING EXTERIOR WALL
- AD 13 REMOVE EXISTING OVERHEAD DOOR
- AD 17 REMOVE EXISTING BRICK VENEER - VERIFY WITH OWNER IF BRICK IS TO BE SALVAGED
- AD 18 REMOVE EXISTING METAL PANEL



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INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
2	BID PACKAGE #3	12/18/2024
1	BP#1	4/26/2024
CD	CONFORMED SET	6/21/2024

PROJECT NO: 20236130
DRAWN BY: EK
CHECKED BY: BD

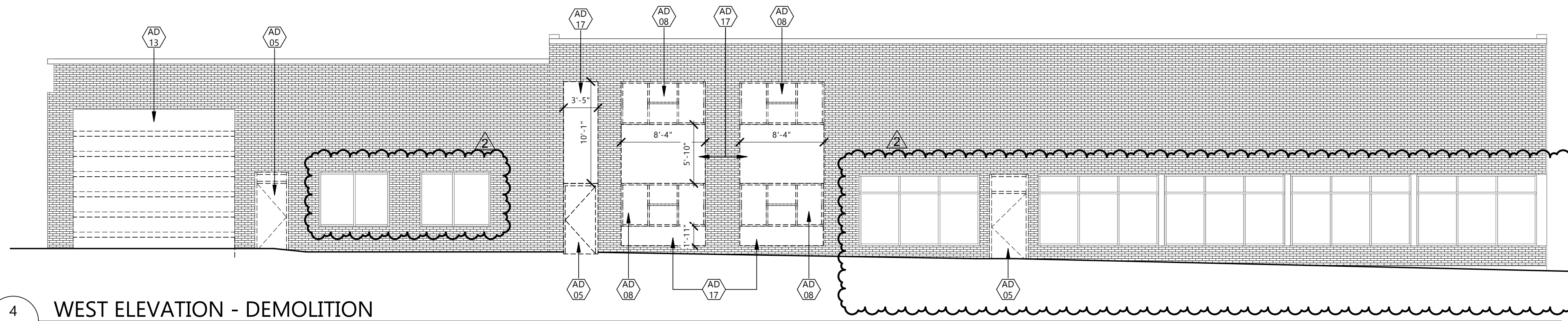
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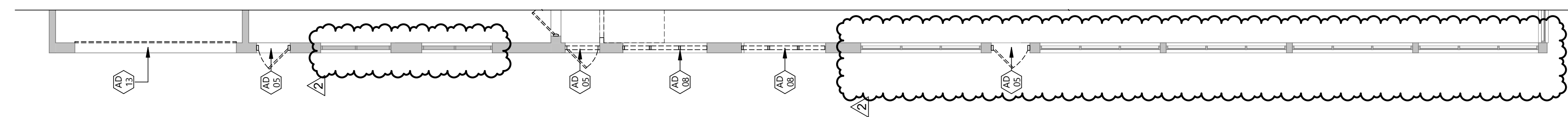
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DRAWING TITLE
FLOOR PLAN &
ELEVATIONS
DEMOLITION

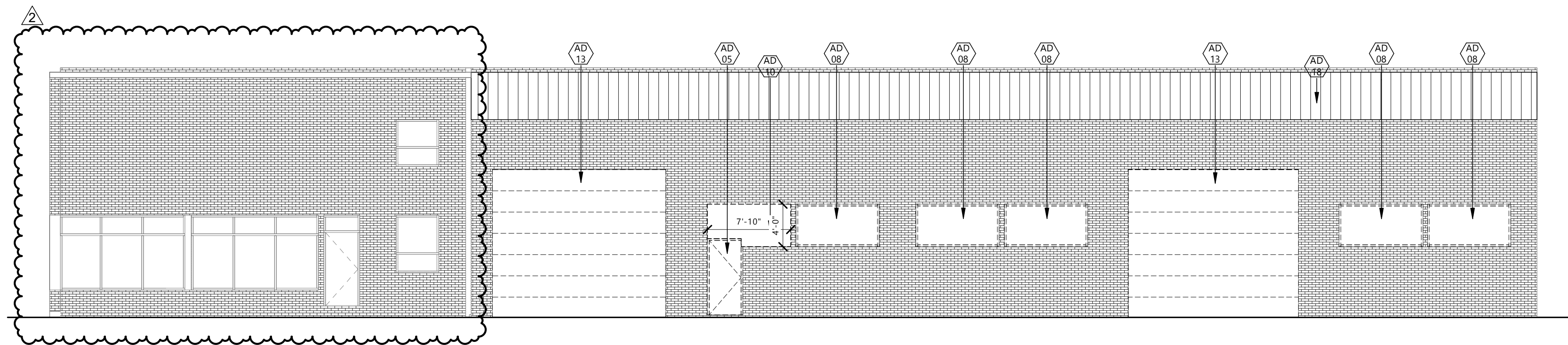
A105



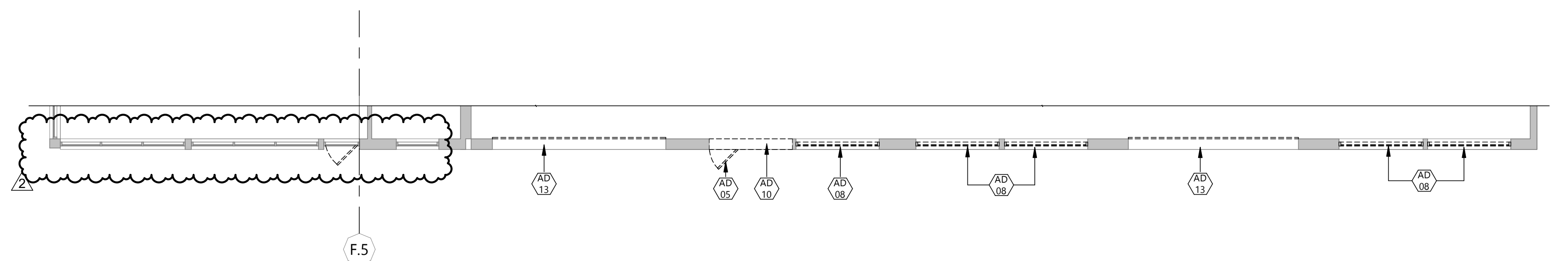
4 WEST ELEVATION - DEMOLITION
A105 1/8" = 1'-0"



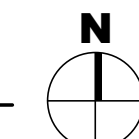
3 FIRST FLOOR DEMOLITION PLAN - WEST WALL
A105 1/8" = 1'-0"

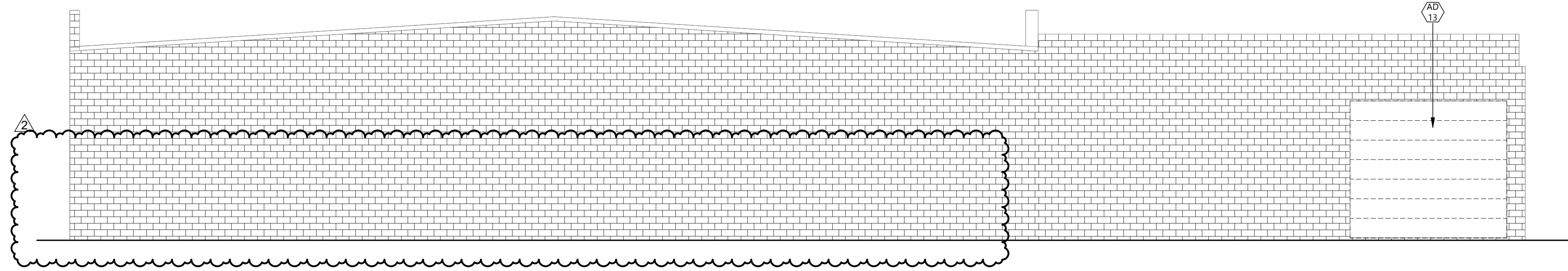


2 SOUTH ELEVATION - DEMOLITION
A105 1/8" = 1'-0"

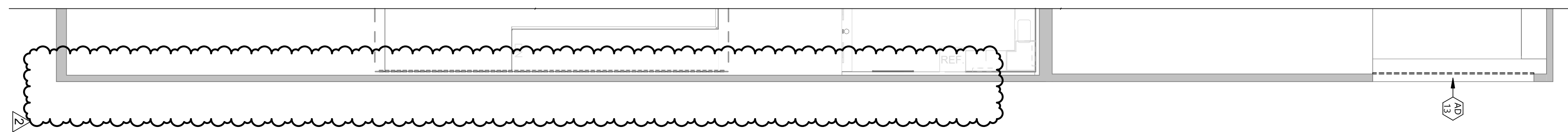


1 FIRST FLOOR DEMOLITION PLAN - SOUTH WALL
A105 1/8" = 1'-0"

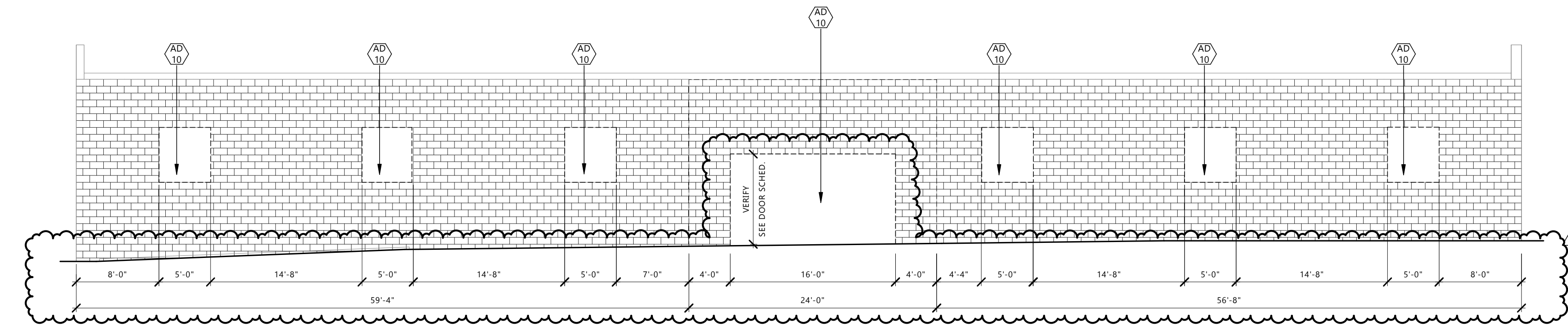




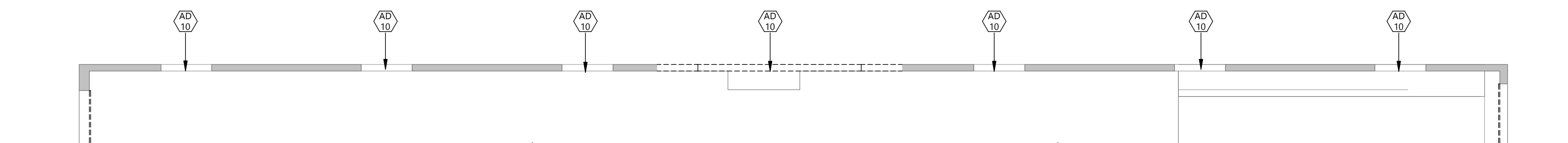
4 EAST ELEVATION - DEMOLITION
A106 1/8" = 1'-0"



3 FIRST FLOOR DEMOLITION PLAN - EAST WALL
A105 1/8" = 1'-0"



2 NORTH ELEVATION - DEMOLITION
A106 1/8" = 1'-0"



1 FIRST FLOOR DEMOLITION PLAN - NORTH WALL
A106 1/8" = 1'-0"

GENERAL NOTES

- ALL EXTERIOR WINDOWS & DOORS TO BE REPLACED WITH NEW - SEE SHEET A801 FOR DETAILS
- FIELD MEASURE TO VERIFY ALL EXISTING OPENINGS WHERE INDICATED ON SHEET A802

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- AD 10 REMOVE EXISTING EXTERIOR WALL
- AD 13 REMOVE EXISTING OVERHEAD DOOR



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DRAWING TITLE
FLOOR PLAN &
ELEVATIONS
DEMOLITION

A106

KEYNOTE LEGEND:

	<<< INDICATES KEYNOTE ON PLAN
AE 28	UTILITY SINK
AE 42	GLASS WALL WITH SLIDING DOOR - FUTURE BID PACKAGEE
AE 43	EXISTING ELEVATOR

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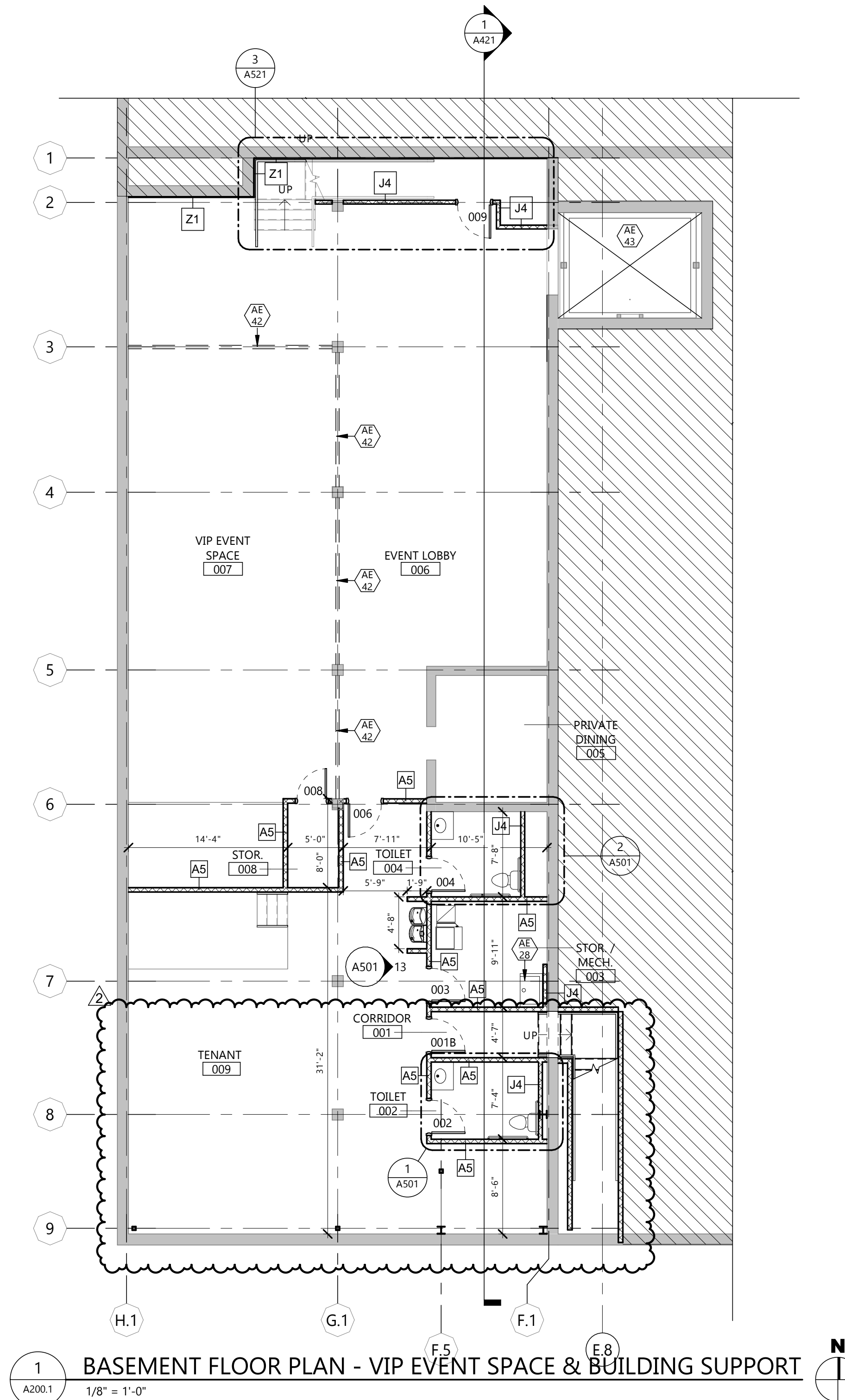
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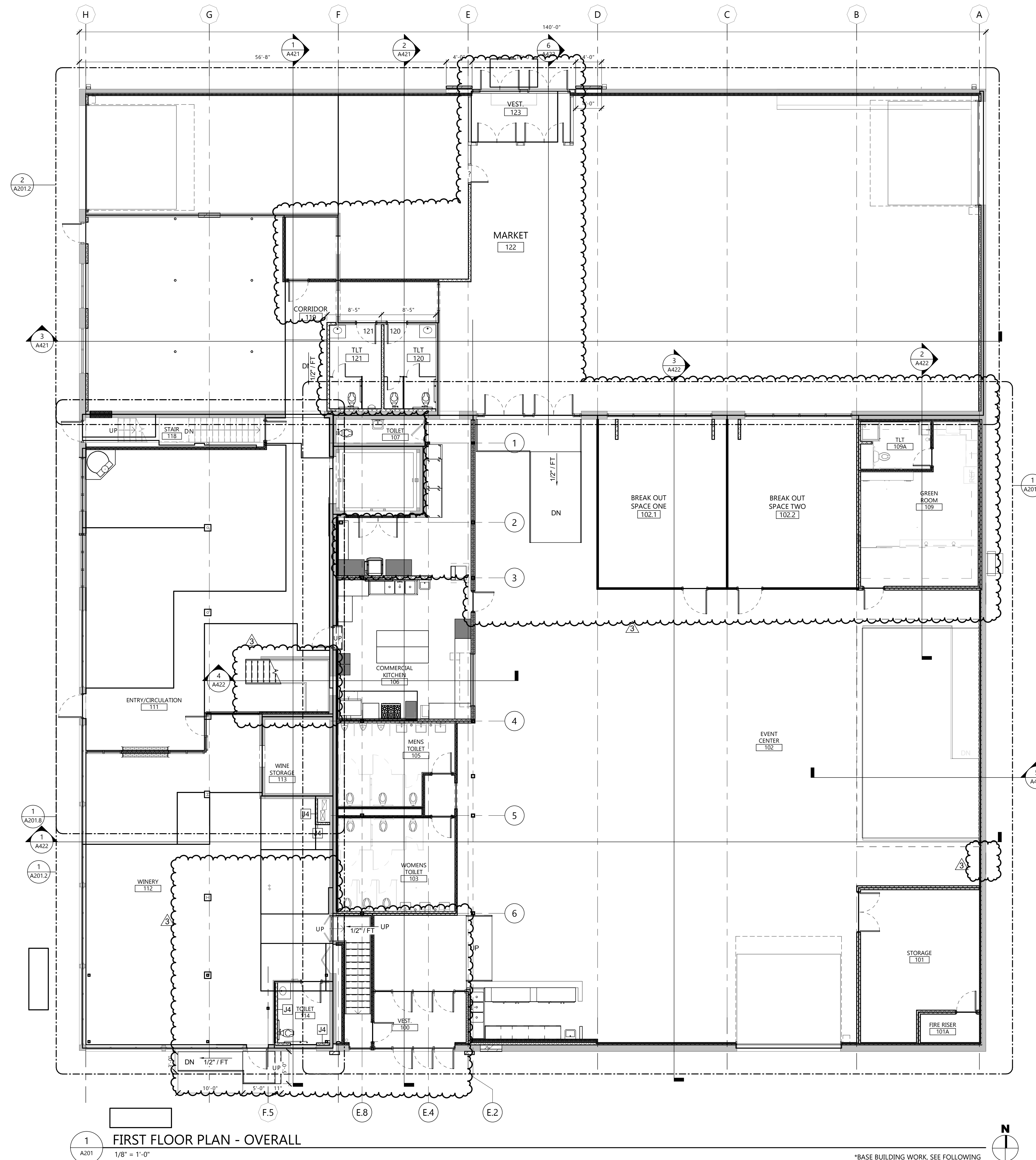
Signature:
Date: 12/8/2024 REG. NO.: 1718

DRAWING TITLE
BASEMENT FLOOR PLAN - VIP EVENT SPACE, BUILDING SUPPORT

A200.1



1 BASEMENT FLOOR PLAN - VIP EVENT SPACE & BUILDING SUPPORT
A200.1 1/8" = 1'-0"



GENERAL NOTES

1. ALL INTERIOR WALL TYPES TO BE TYPE AS UNO.
2. NOTE

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STATE ND

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3	BID PACKAGE #3	12/18/2024
2	BP#2 - ADDENDUM 1	6/24/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

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DRAWING TITLE
 FIRST FLOOR PLAN - REMODELED

A201

1 FIRST FLOOR PLAN - OVERALL
 1/8" = 1'-0"

*BASE BUILDING WORK, SEE FOLLOWING SHEETS FOR SPECIFICS ON THOSE SPACES

KEYNOTE LEGEND:

	<<< INDICATES KEYNOTE ON PLAN
AE 31	STAGE - SEE SHEET ID1.4 FOR DETAILS
AE 43	EXISTING ELEVATOR

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CITY **WILLISTON**
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ISSUE DATES

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3	BID PACKAGE #3	12/18/2024
2	CITY REVIEW CHANGES	11/8/24
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

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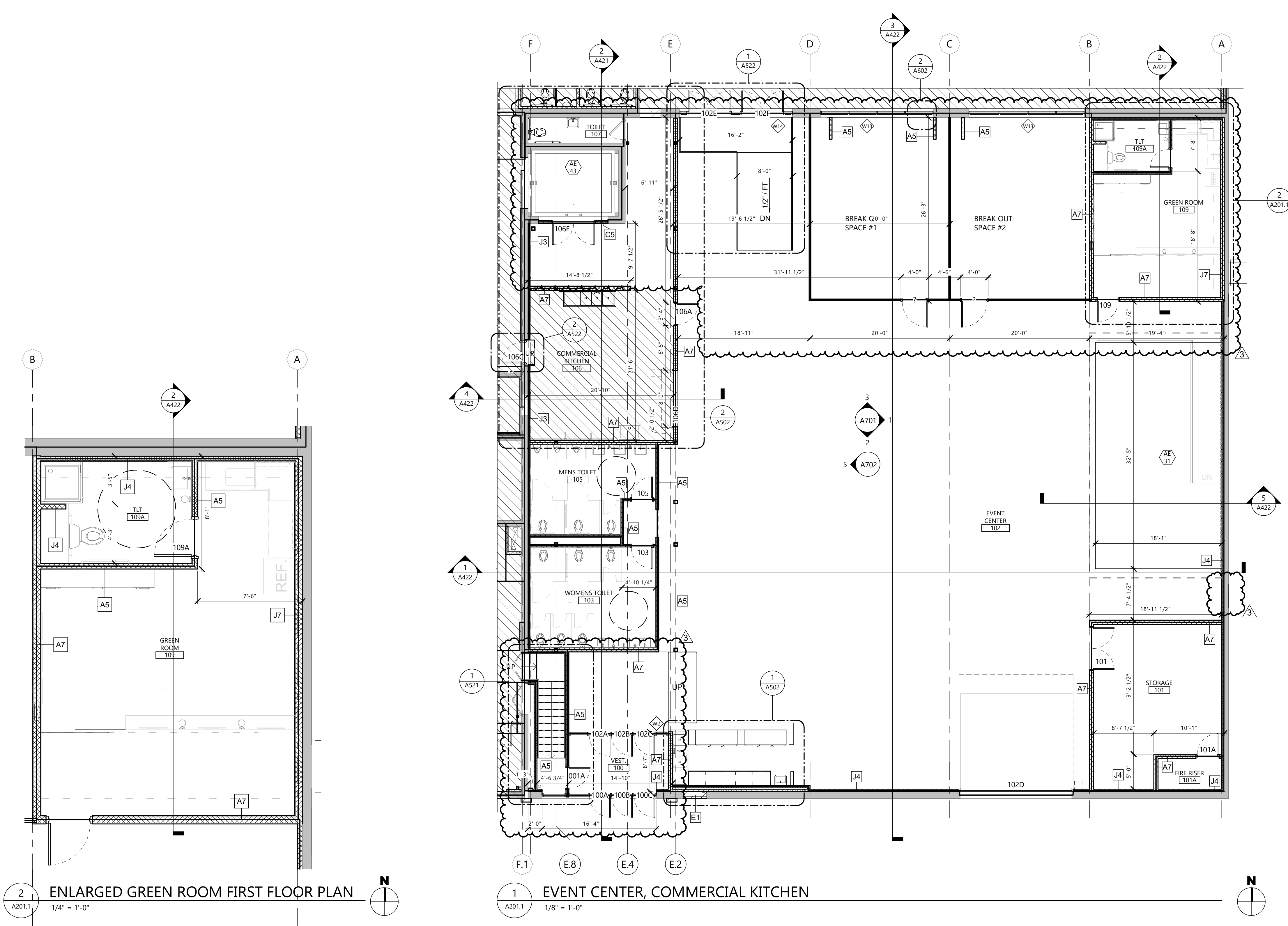
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DRAWING TITLE
**FIRST FLOOR PLAN -
EVENT CENTER &
COMMERCIAL KITCHEN**

A201.1



2
A201.1
ENLARGED GREEN ROOM FIRST FLOOR PLAN
1/4" = 1'-0"

1
A201.1
EVENT CENTER, COMMERCIAL KITCHEN
1/8" = 1'-0"

KEYNOTE LEGEND:	
	<<< INDICATES KEYNOTE ON PLAN
AE 27	WOODFIRE PIZZA OVEN - BY OWNER
AE 30	DOUBLE SIDED FIRE PLACE - BY OWNER
AE 46	FUTURE BID PACKAGE

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SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
 STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
3	BID PACKAGE #3	12/18/2024
2	BP#2 - ADDENDUM 1	6/24/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

PROJECT NO: **20236130**
 DRAWN BY: **EK**
 CHECKED BY: **BD**

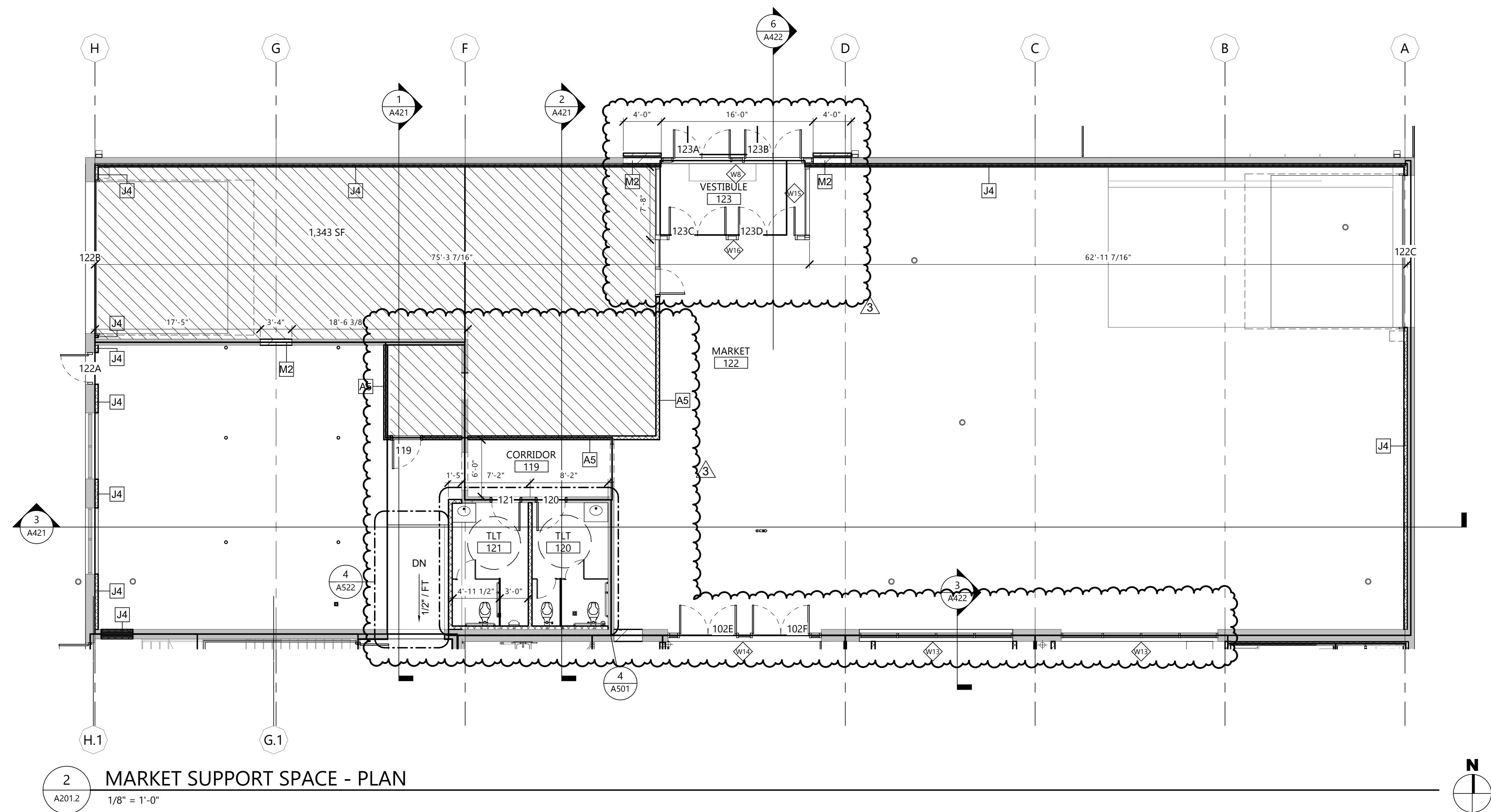
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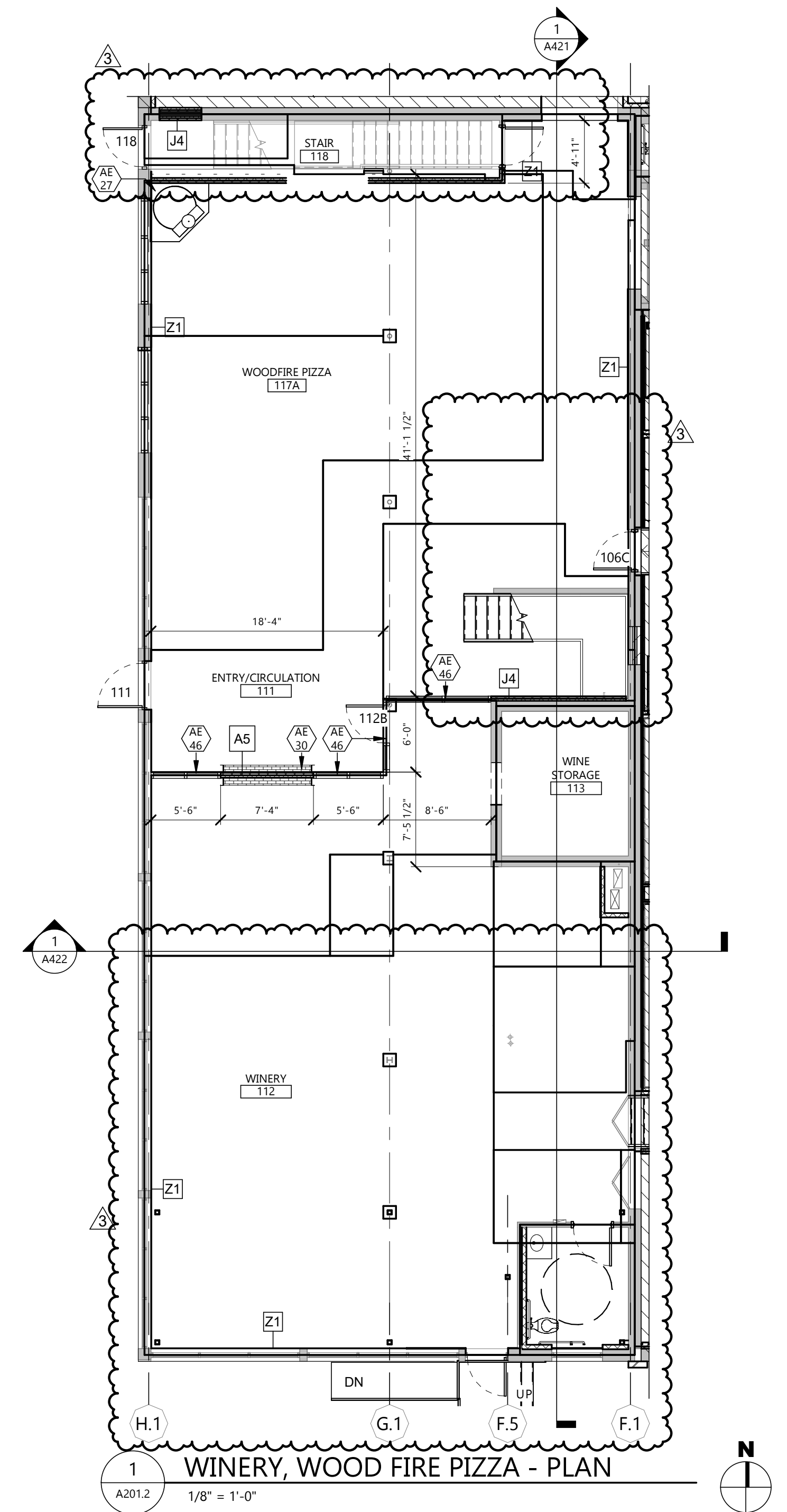
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 Signature: *[Signature]*
 Date: 12/8/2024 REG. NO. 1718

DRAWING TITLE
FIRST FLOOR PLAN - WINERY, WOOD FIRE PIZZA, SUPPORT SPACES

A201.2

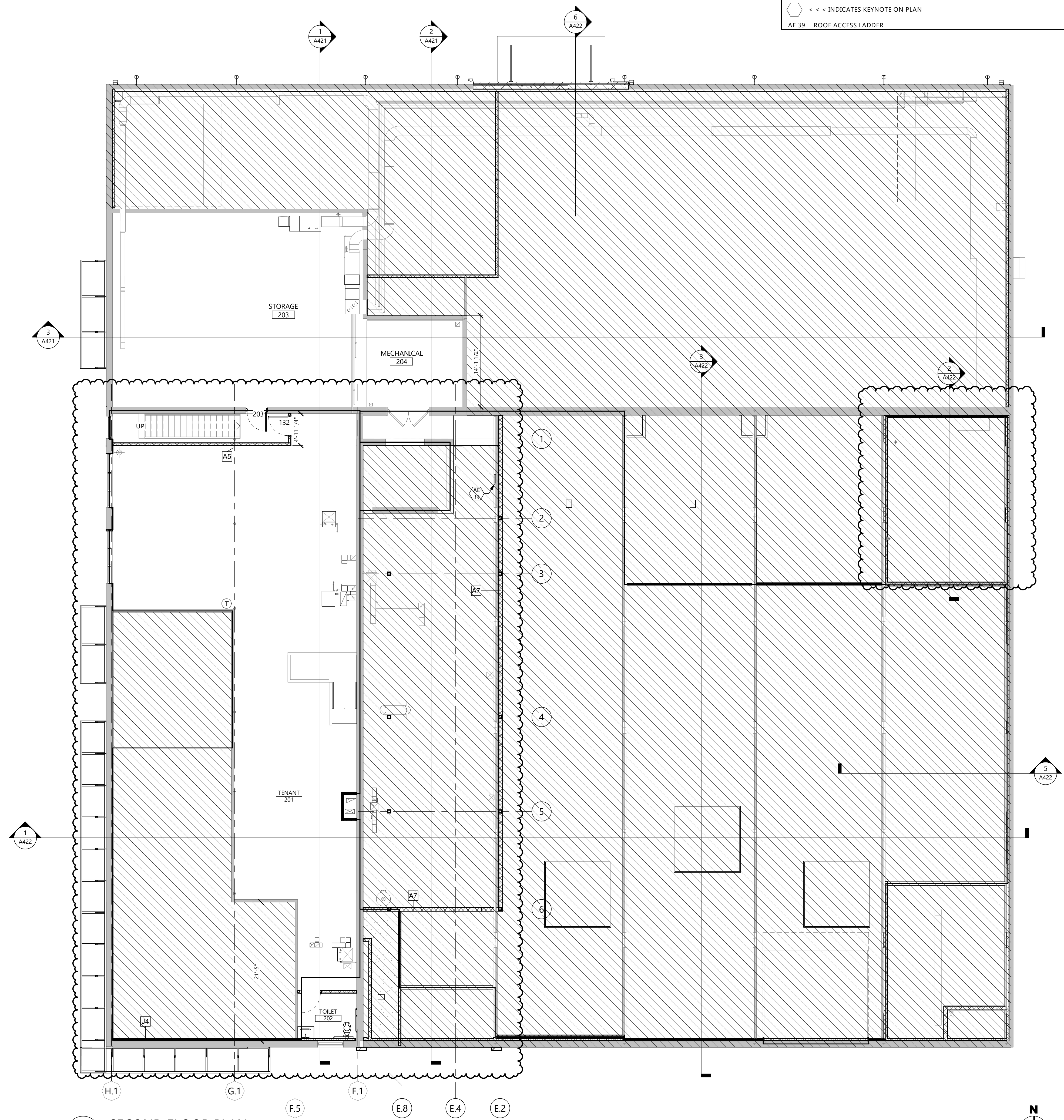


2 MARKET SUPPORT SPACE - PLAN
 A201.2 1/8" = 1'-0"



1 WINERY, WOOD FIRE PIZZA - PLAN
 A201.2 1/8" = 1'-0"

KEYNOTE LEGEND:
 <<< INDICATES KEYNOTE ON PLAN
 AE 39 ROOF ACCESS LADDER



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PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
 STATE **ND**

ISSUE DATES

2	BID PACKAGE #3	12/18/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024
MARK	DESCRIPTION	DATE

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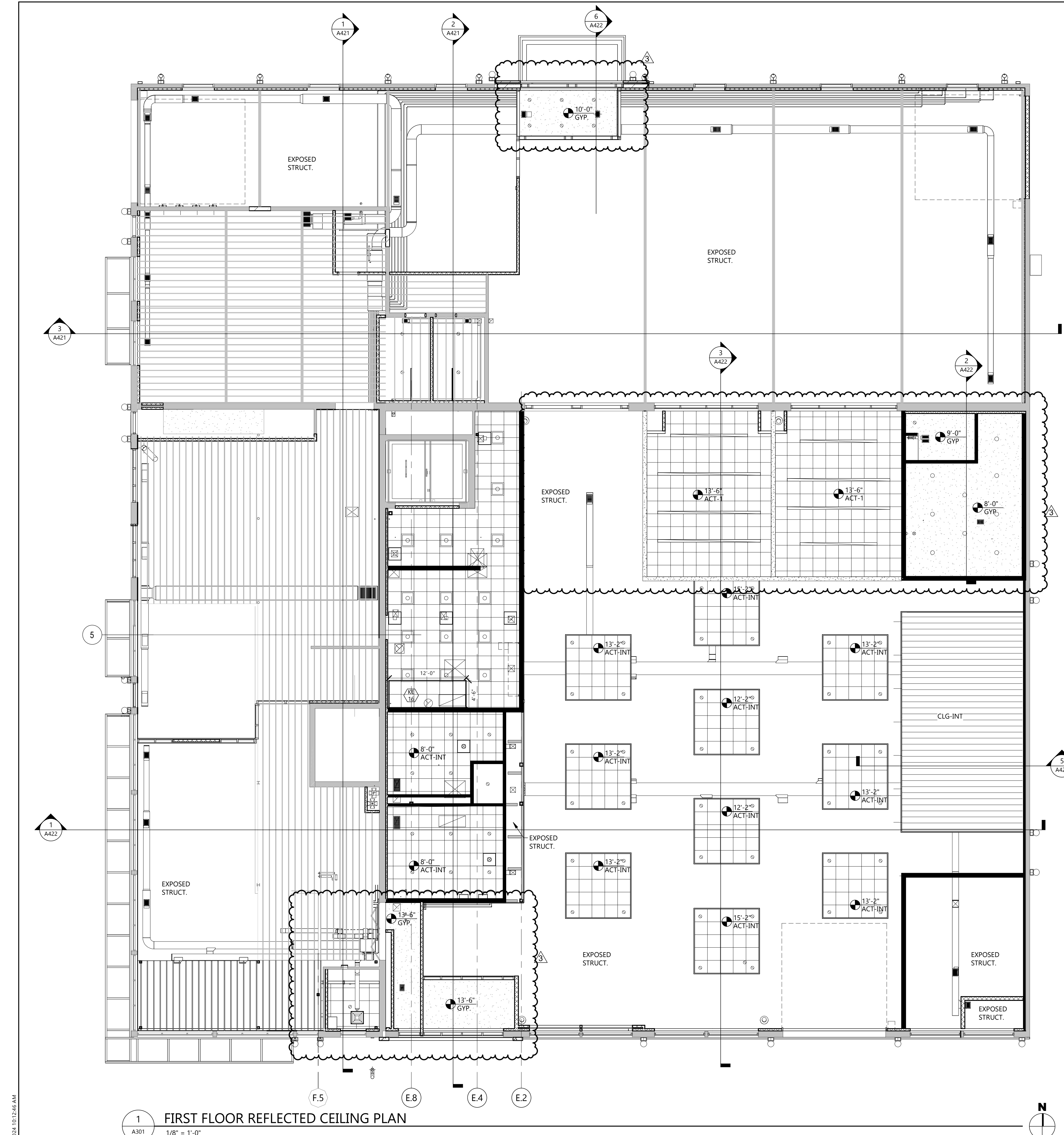
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 Date: 12/8/2024 REG. NO. : 1718

DRAWING TITLE
SECOND FLOOR PLAN - GREEN ROOM, BUILDING SUPPORT

A202.1

1 SECOND FLOOR PLAN
 A202.1 1/8" = 1'-0"



- GENERAL NOTES**
- REFER TO SHEET A921 FOR CEILING FINISH DESIGNATION.
 - LIGHTING FIXTURES AND MECHANICAL DIFFUSERS/GRILLES ARE SHOWN FOR REFERENCE ONLY. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR LOCATIONS.
 - ELEVATION TAGS ARE IN REFERENCE TO ARCHITECTURAL ELEVATIONS.
 - WHERE CEILINGS ARE EXPOSED TO STRUCTURE ABOVE, PAINT ALL UNFINISHED MATERIALS OVERHEAD INCLUDING, BUT NOT LIMITED TO ROOF DECKING, DUCTS, PIPES, CONDUITS & JUNCTION BOXES; SEE ID SHEETS FOR PAINT.
 - PROVIDE ACCESS PANELS AS REQUIRED IN HARD LID CEILINGS. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
 - ALL CEILING HEIGHTS TO REFERENCE HEIGHT ABOVE FINISH FLOOR BELOW.
 - SEE ID SHEETS FOR ACT-INT FINISH DESIGNATION.

KEYNOTE LEGEND:

◁ ◁ ◁ INDICATES KEYNOTE ON PLAN

KE 16 COMMERCIAL HOOD - SEE MECH.

CEILING PLAN SYMBOLS

AIR DISTRIBUTION SYMBOLS		TYPICAL SUSPENDED CEILING GRID	
☒	DIFFUSER SUPPLY	▢	24" x 48" GRID SHOWN
◼	DIFFUSER RETURN	▢	24" x 24" GRID SHOWN
◻	ACCESS PANEL	▨	GYPSUM WALL BOARD OR PLASTER
▬	SLOT OR LINEAR DIFFUSER OR RETURN	▩	WOOD CEILING
✪	CEILING FAN	○	LIGHT FIXTURES
⊙	MISCELLANEOUS PUBLIC ADDRESS OR AS SHOWN	○	2x4 LAY-IN
⊠	SMOKE DETECTOR	○	2x2 LAY-IN
⊖	VENT	○	1x4 LAY-IN
▬	WALL HEIGHT	○	RECESSED INCANDESCENT
▬	EXISTING WALL TO REMAIN	⊙	EXIT LIGHT
▬	WALL TO EXTEND FULL HEIGHT TO STRUCTURE ABOVE	▬	TRACK LIGHT
▬	GWB TO EXTEND 6" ABOVE CEILING HEIGHT		

EAPC

Architecture Engineering
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TELE 701.609.5290 FAX 701.609.5290*51
313 Main Street, Suite 308, Williston, ND 58801

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CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
3	BID PACKAGE #3	12/18/2024
2	BP#2 - ADDENDUM 1	6/24/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

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Signature: *[Signature]*
Date: 12/8/2024 REG. NO.: 1718

DRAWING TITLE
FIRST FLOOR REFLECTED CEILING PLAN

A301

1 FIRST FLOOR REFLECTED CEILING PLAN
A301 1/8" = 1'-0"

Plot Date: 12/20/2024 10:12:46 AM

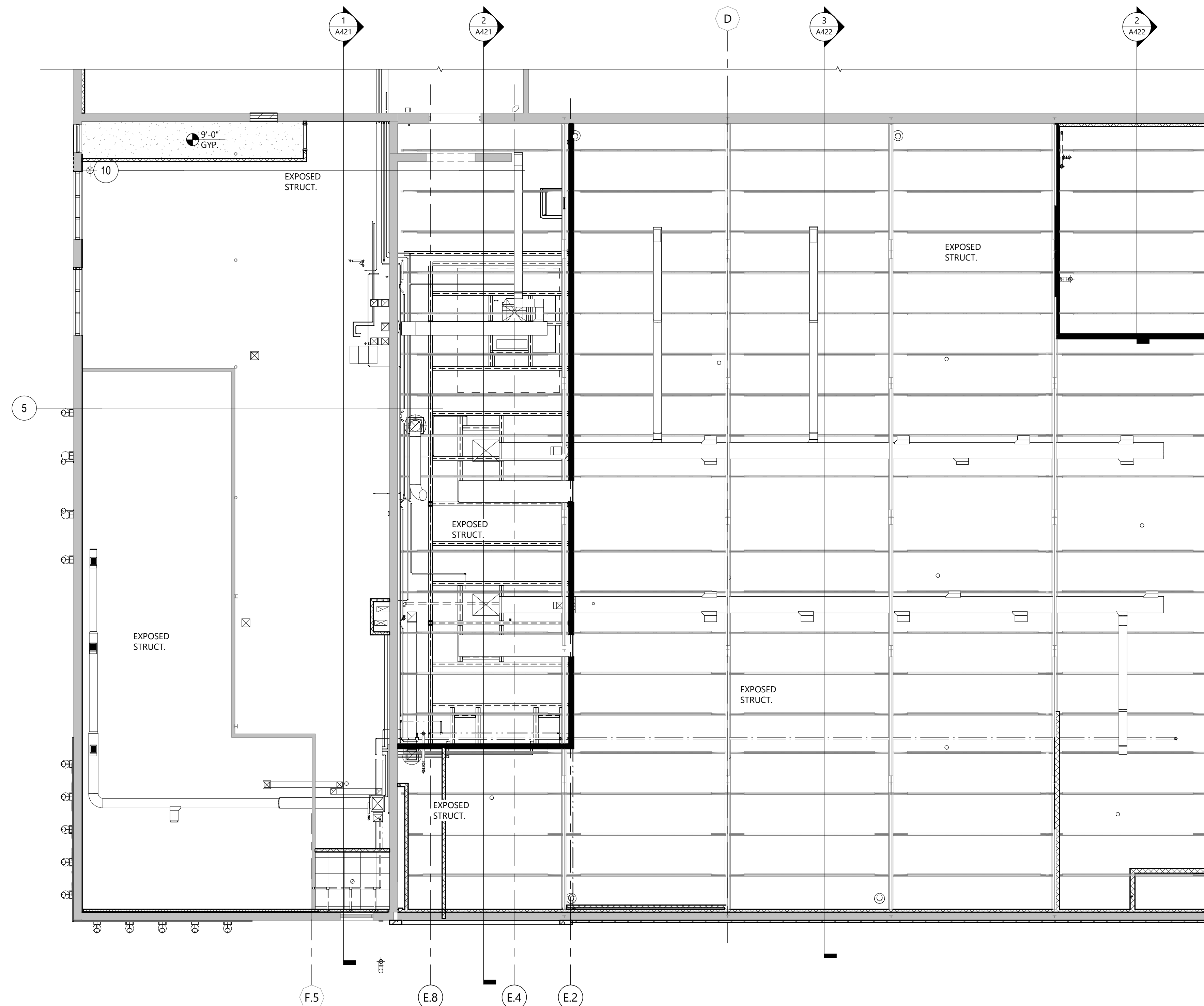
- GENERAL NOTES**
- REFER TO SHEET A921 FOR CEILING FINISH DESIGNATION.
 - LIGHTING FIXTURES AND MECHANICAL DIFFUSERS/GRILLES ARE SHOWN FOR REFERENCE ONLY. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR LOCATIONS.
 - ELEVATION TAGS ARE IN REFERENCE TO ARCHITECTURAL ELEVATIONS.
 - WHERE CEILINGS ARE EXPOSED TO STRUCTURE ABOVE, PAINT ALL UNFINISHED MATERIALS OVERHEAD INCLUDING, BUT NOT LIMITED TO ROOF DECKING, DUCTS, PIPES, CONDUITS & JUNCTION BOXES; SEE ID SHEETS FOR PAINT.
 - PROVIDE ACCESS PANELS AS REQUIRED IN HARD LID CEILINGS. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
 - ALL CEILING HEIGHTS TO REFERENCE HEIGHT ABOVE FINISH FLOOR BELOW.
 - SEE ID SHEETS FOR ACT-INT FINISH DESIGNATION.

KEYNOTE LEGEND:

◊ <<< INDICATES KEYNOTE ON PLAN

CEILING PLAN SYMBOLS

AIR DISTRIBUTION SYMBOLS		TYPICAL SUSPENDED CEILING GRID	
☒	DIFFUSER SUPPLY	▢	24" x 48" GRID SHOWN
▣	DIFFUSER RETURN	▢	24" x 24" GRID SHOWN
◻	ACCESS PANEL	▨	GYPSUM WALL BOARD OR PLASTER
▬	SLOT OR LINEAR DIFFUSER OR RETURN	▩	WOOD CEILING
✪	CEILING FAN		
MISCELLANEOUS			
Ⓢ	PUBLIC ADDRESS OR AS SHOWN		
Ⓜ	SMOKE DETECTOR		
Ⓢ	VENT	○	2x4 LAY-IN
		○	2x2 LAY-IN
		○	1x4 LAY-IN
		○	RECESSED INCANDESCENT
		⊗	EXIT LIGHT
		▽	TRACK LIGHT
WALL HEIGHT			
▬	EXISTING WALL TO REMAIN		
▬	WALL TO EXTEND FULL HEIGHT TO STRUCTURE ABOVE		
▬	GWB TO EXTEND 6" ABOVE CEILING HEIGHT		



1 SECOND FLOOR EVENT CENTER CEILING PLAN
A302 1/8" = 1'-0"



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SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

PROJECT NO: 20236130
DRAWN BY: EK
CHECKED BY: BD

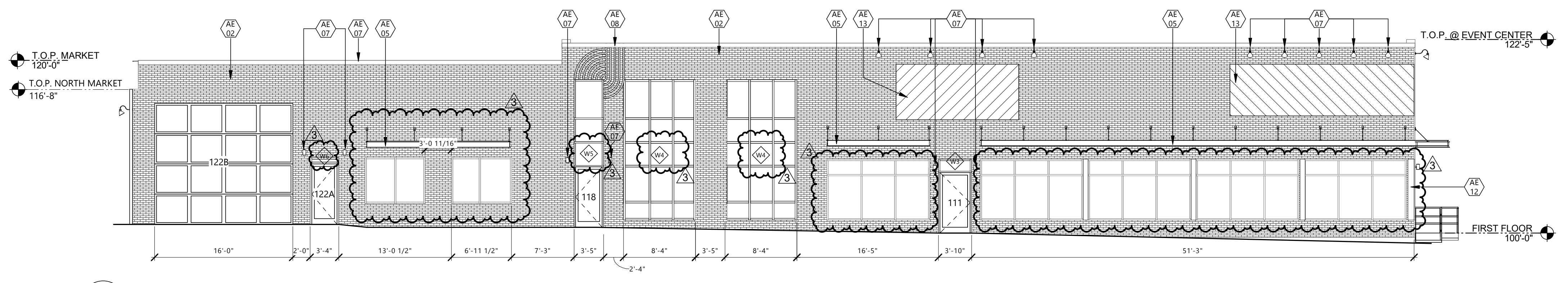
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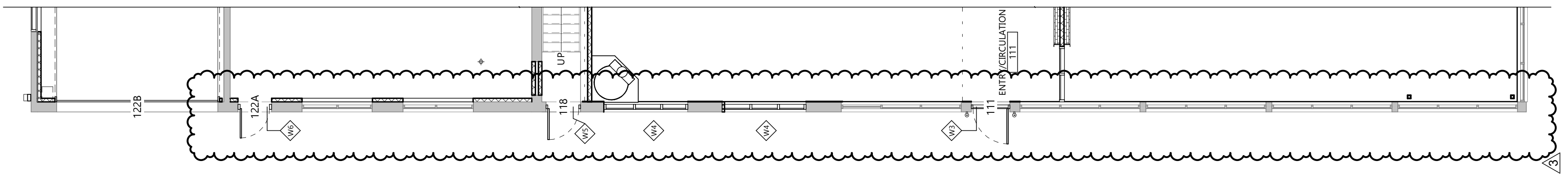
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DRAWING TITLE
SECOND FLOOR
REFLECTED CEILING
PLAN

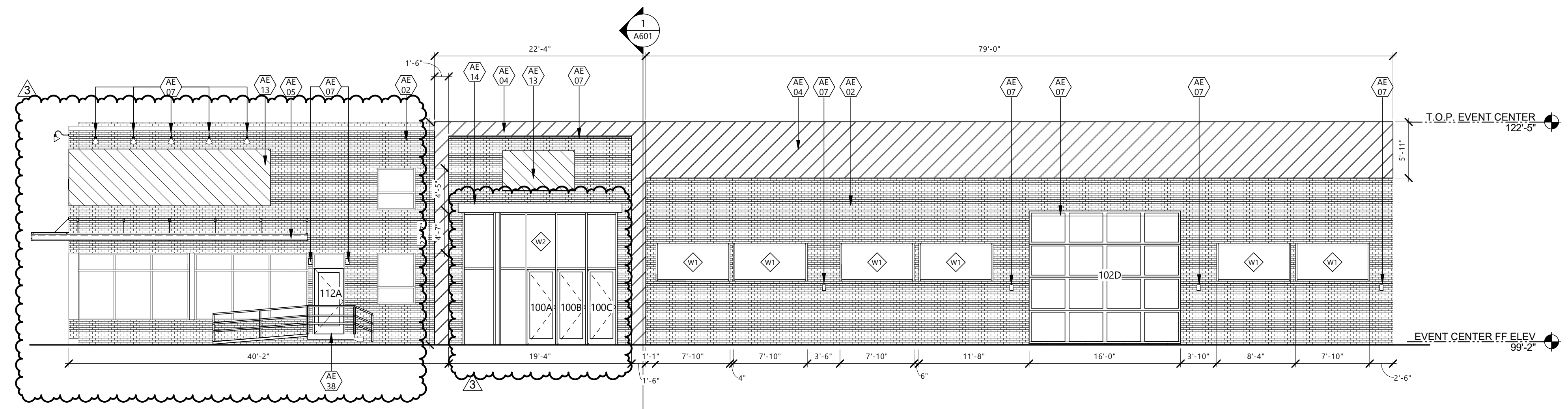
A302



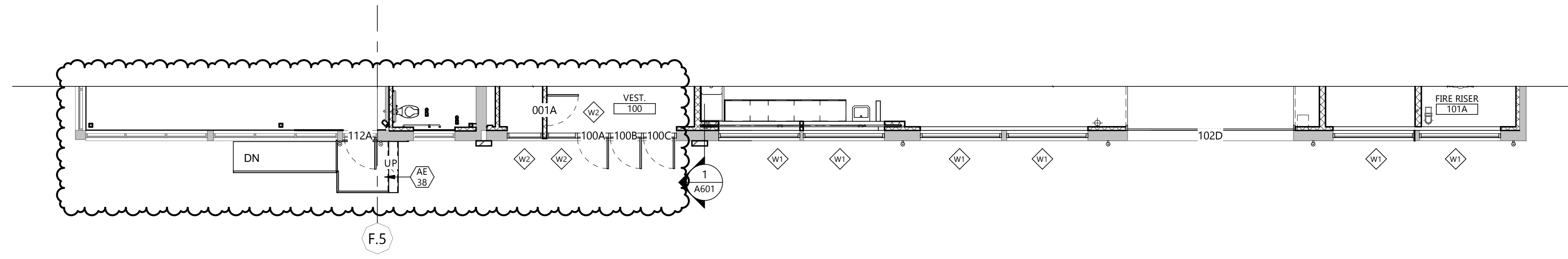
4 WEST ELEVATION
A401 1/8" = 1'-0"



3 FIRST FLOOR PLAN DEMOLITION PLAN - WEST WALL
A105 1/8" = 1'-0"



2 SOUTH ELEVATION
A401 1/8" = 1'-0"



1 FIRST FLOOR PLAN - SOUTH SIDE
A401 1/8" = 1'-0"

GENERAL NOTES

1. ALL EXTERIOR WINDOWS & DOORS TO BE REPLACED WITH NEW - SEE SHEET A801 FOR DETAILS
2. FIELD MEASURE TO VERIFY ALL EXISTING OPENINGS WHERE INDICATED ON SHEET A802

KEYNOTE LEGEND:

<<< INDICATES KEYNOTE ON PLAN

AE 02 EXISTING BRICK/CMU

AE 04 METAL PANEL - BY OWNER

AE 05 CANOPY - SEE STRUCT.

AE 07 EXTERIOR LIGHTING - SEE ELEC.

AE 08 CUSTOM METAL ACCENT - SEE SPEC.

AE 12 PREFINISHED METAL CAP & DOWNSPOUT - MATCH MULL. FINISH

AE 13 SIGNAGE PLACE HOLDER - BY OWNER

AE 14 6'-0" X 0'-10" RED FIR WOOD ACCENT - SEE DETAIL

AE 38 METAL STAIR, SEE DETAIL

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PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
3	BID PACKAGE #3	12/18/2024
2	BP#1 - ADDENDUM 1	6/24/2024
1	BP#1	4/26/2024
CD	CONFORMED SET	6/21/2024

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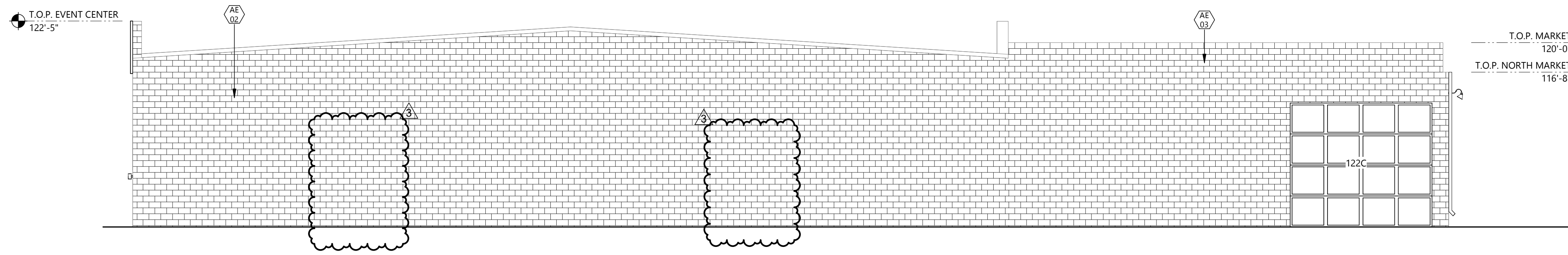
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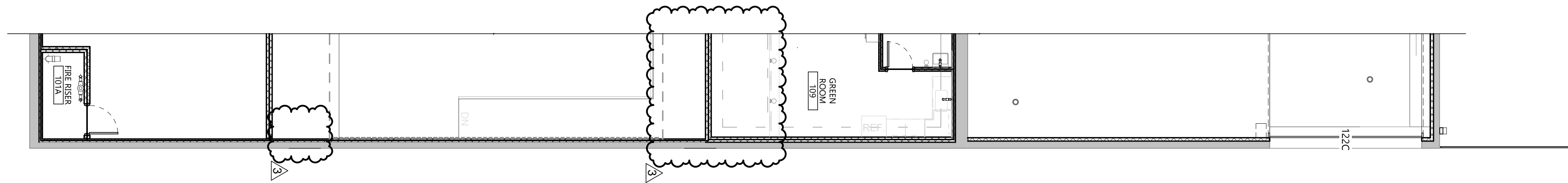
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Date: 12/8/2024 REG. NO. : 1718

DRAWING TITLE
BUILDING ELEVATIONS & FLOOR PLANS

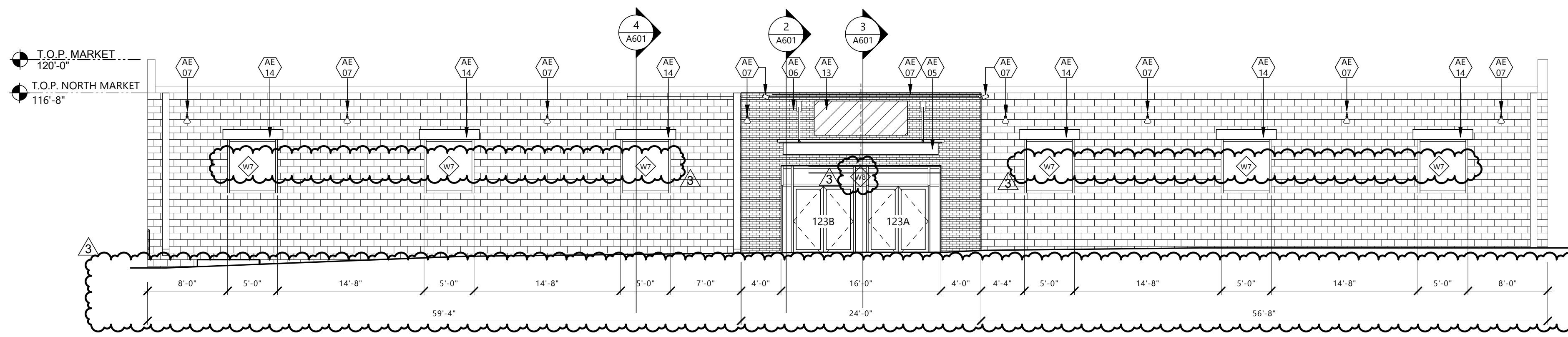
A401



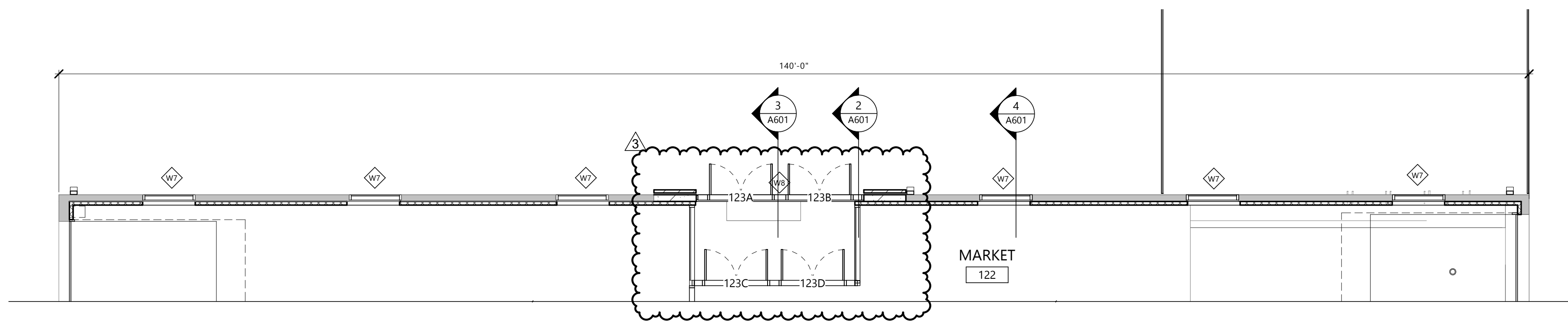
4 EAST ELEVATION
A402 1/8" = 1'-0"



3 FIRST FLOOR PLAN DEMOLITION PLAN - EAST WALL
A105 1/8" = 1'-0"



2 NORTH ELEVATION
A402 1/8" = 1'-0"



1 FIRST FLOOR PLAN - NORTH SIDE
A402 1/8" = 1'-0"

GENERAL NOTES

1. ALL EXTERIOR WINDOWS & DOORS TO BE REPLACED WITH NEW - SEE SHEET A801 FOR DETAILS
2. FIELD MEASURE TO VERIFY ALL EXISTING OPENINGS WHERE INDICATED ON SHEET A802

KEYNOTE LEGEND:

<<< INDICATES KEYNOTE ON PLAN

- AE 02 EXISTING BRICK/CMU
- AE 03 PATCH & PAINT EXISTING CMU
- AE 05 CANOPY - SEE STRUCT.
- AE 06 NEW BRICK - MATCH EXIST.
- AE 07 EXTERIOR LIGHTING - SEE ELEC.
- AE 13 SIGNAGE PLACE HOLDER - BY OWNER
- AE 14 6'-0" X 0'-10" RED FIR WOOD ACCENT - SEE DETAIL



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TELE 701.609.5290 FAX 701.609.5290*51
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PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
3	BID PACKAGE #3	12/18/2024
2	BP#1 - ADDENDUM 1	6/24/2024
1	BP#1	4/26/2024
CD	CONFORMED SET	6/21/2024

PROJECT NO: 20236130
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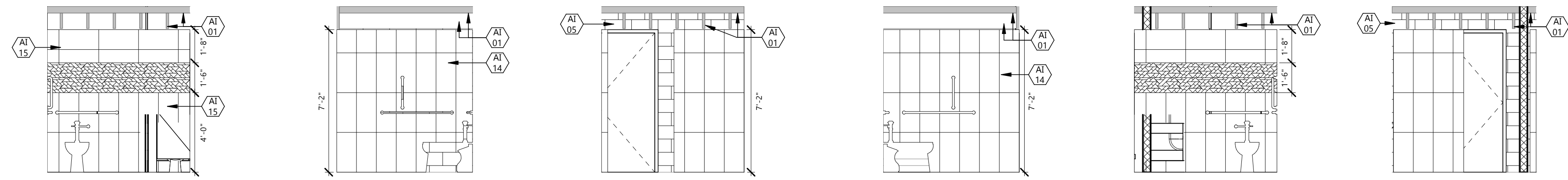
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DRAWING TITLE
BUILDING ELEVATIONS
& FLOOR PLANS

A402



27 TLTL 121 S ELEV. 1/4" = 1'-0"
 26 TLTL 121 E ELEV. 1/4" = 1'-0"
 25 TLTL 121 N ELEV. 1/4" = 1'-0"
 24 TLTL 120 W ELEV. 1/4" = 1'-0"
 23 TLTL 120 S ELEV. 1/4" = 1'-0"
 22 TLTL 120 N ELEV. 1/4" = 1'-0"

KEYNOTE LEGEND:

<<< INDICATES KEYNOTE ON PLAN

AE 16	GRAB BARS
AE 24	WATER FOUNTAIN
AE 29	MIRROR
AI 01	PNT-1
AI 02	PNT-2 (HM FRAMES)
AI 04	PNT-4
AI 05	PNT-5
AI 07	RB-1
AI 08	PLAM-1
AI 09	SSF-1
AI 14	CTW-1
AI 15	CTW-2
AI 17	CTW-4
AI 22	EXG
AI 23	VWC-1

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PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
 STATE **ND**

ISSUE DATES

3	BID PACKAGE #3	12/18/2024
2	CITY REVIEW CHANGES	11/8/24
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024
MARK	DESCRIPTION	DATE

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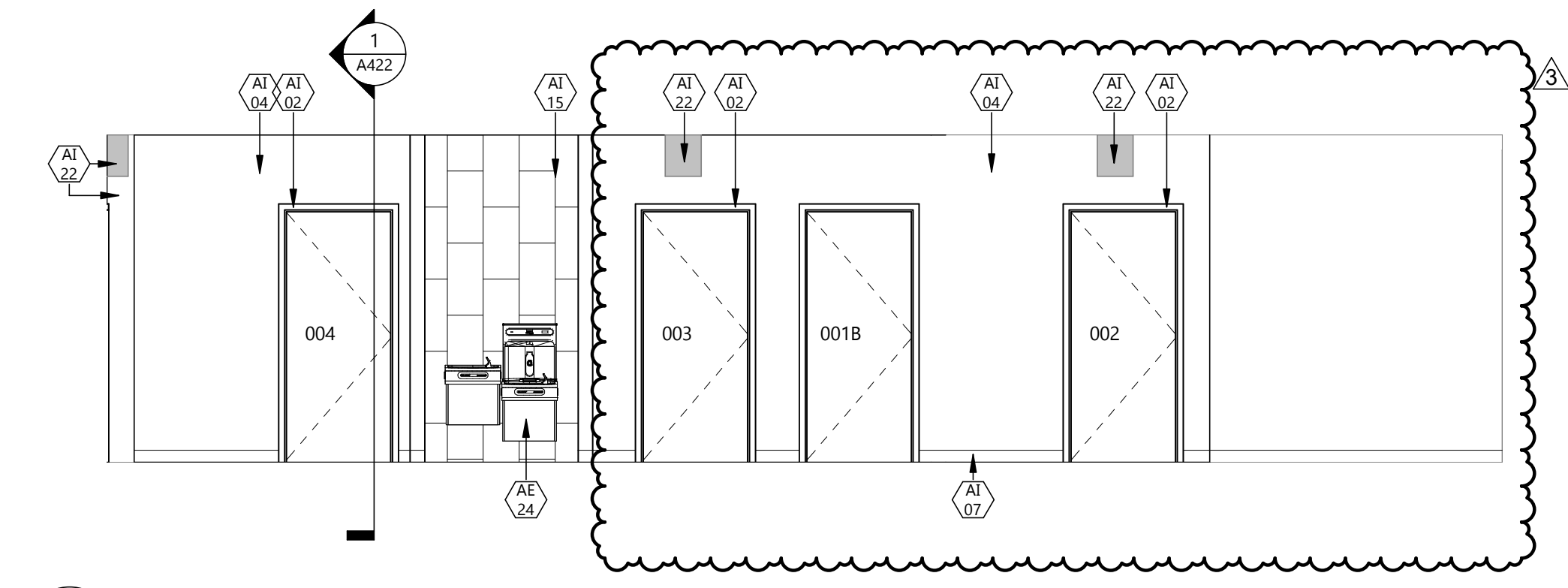
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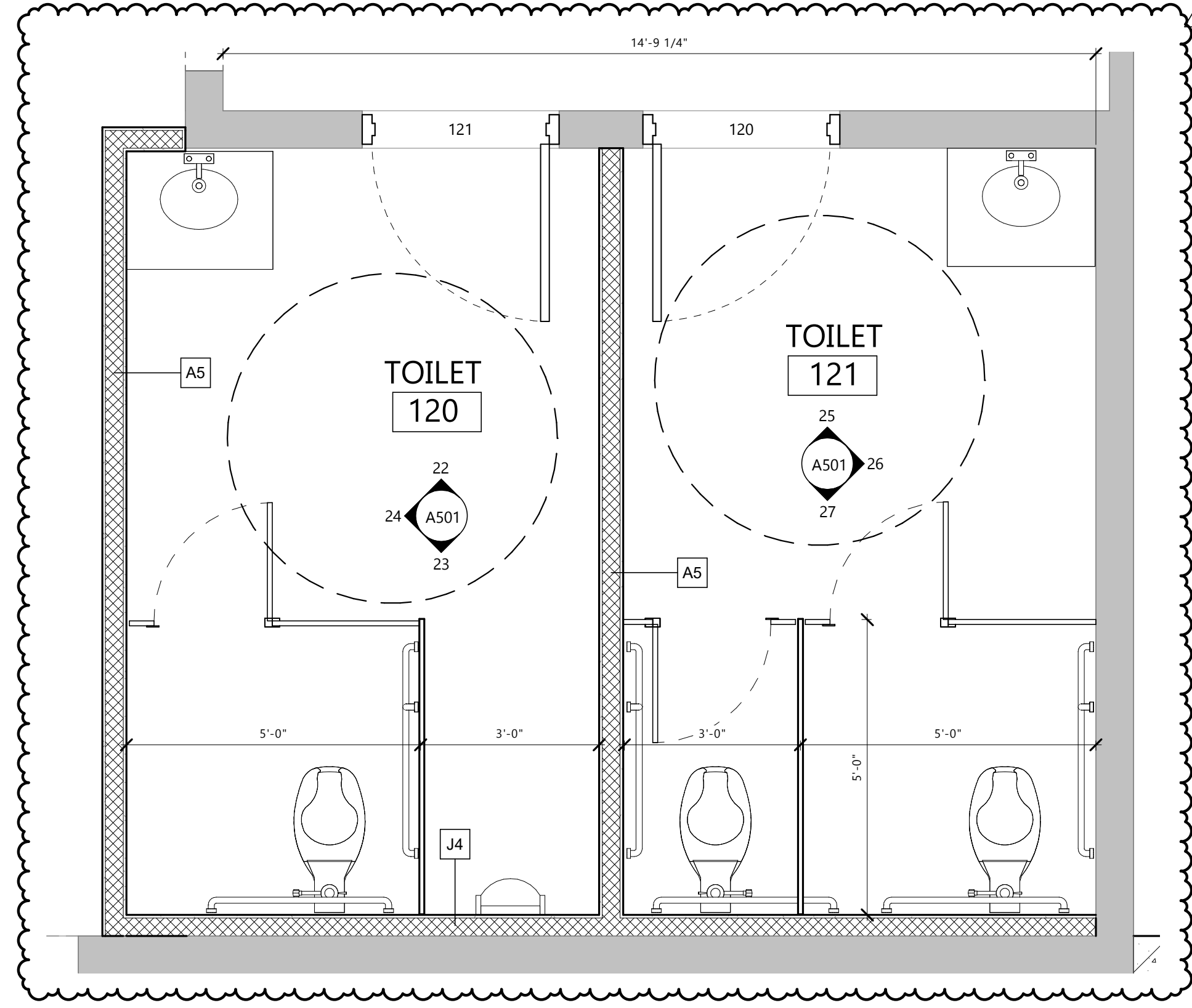
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 Date: 12/8/2024 REG. NO. 1718

DRAWING TITLE
ENLARGED FLOOR PLANS & ELEVATIONS - TOILET ROOMS

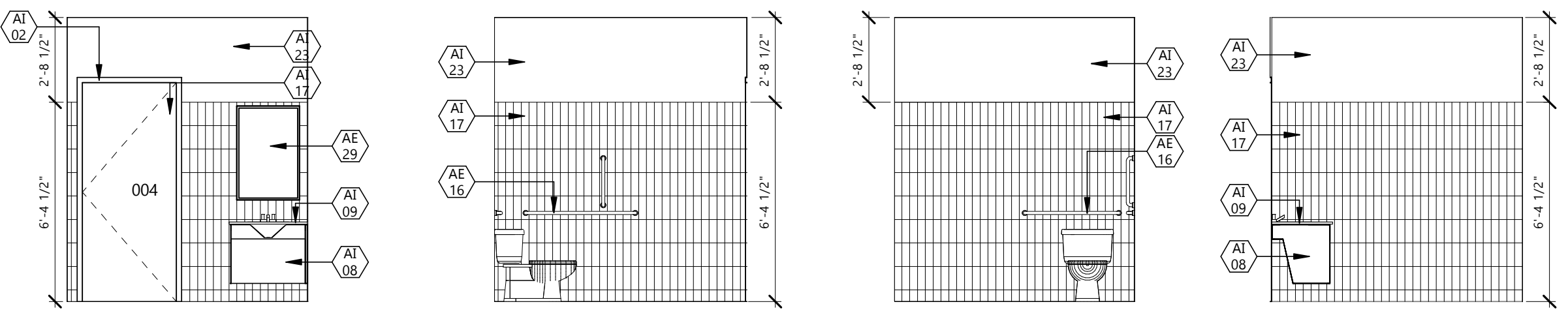
A501



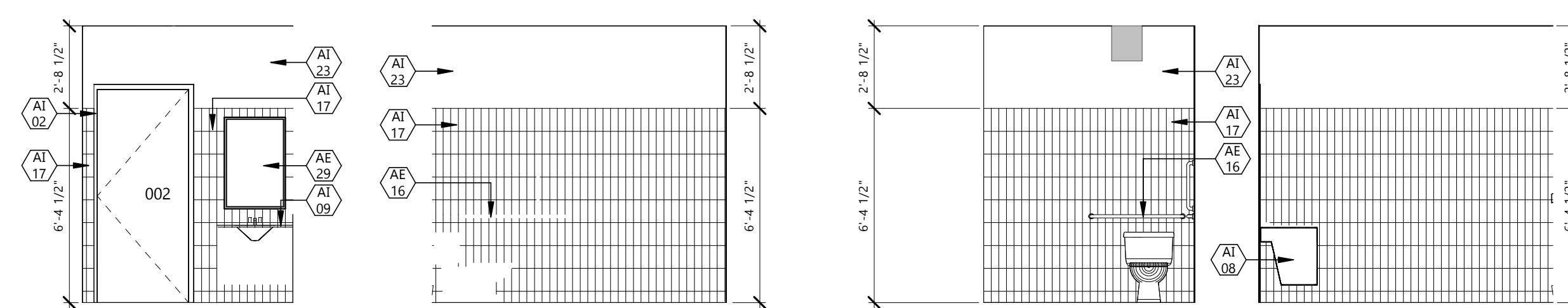
13 BASEMENT CORR. E ELEV. 1/4" = 1'-0"



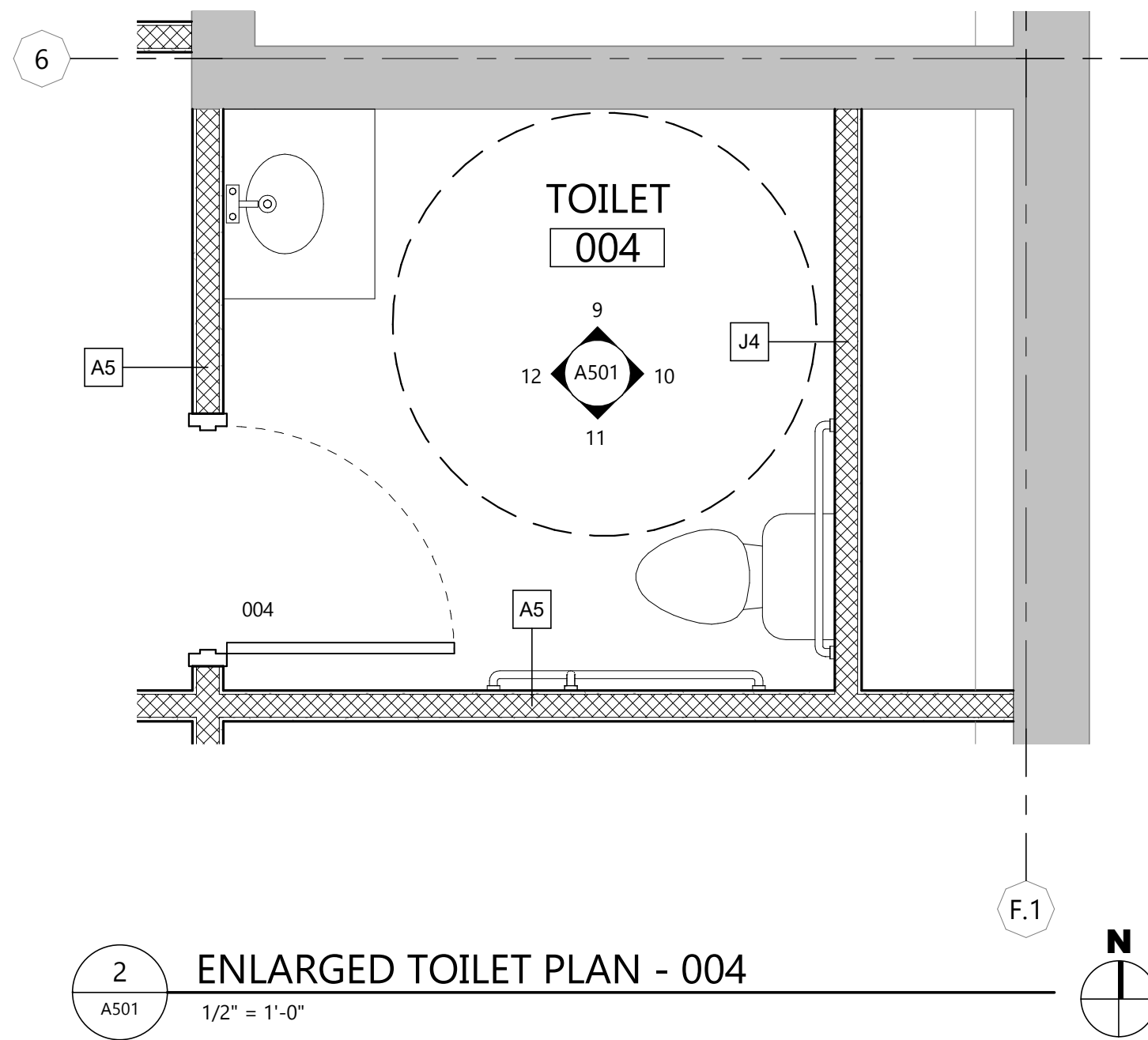
4 ENLARGED TOILET PLAN - 123 & 124 1/2" = 1'-0"



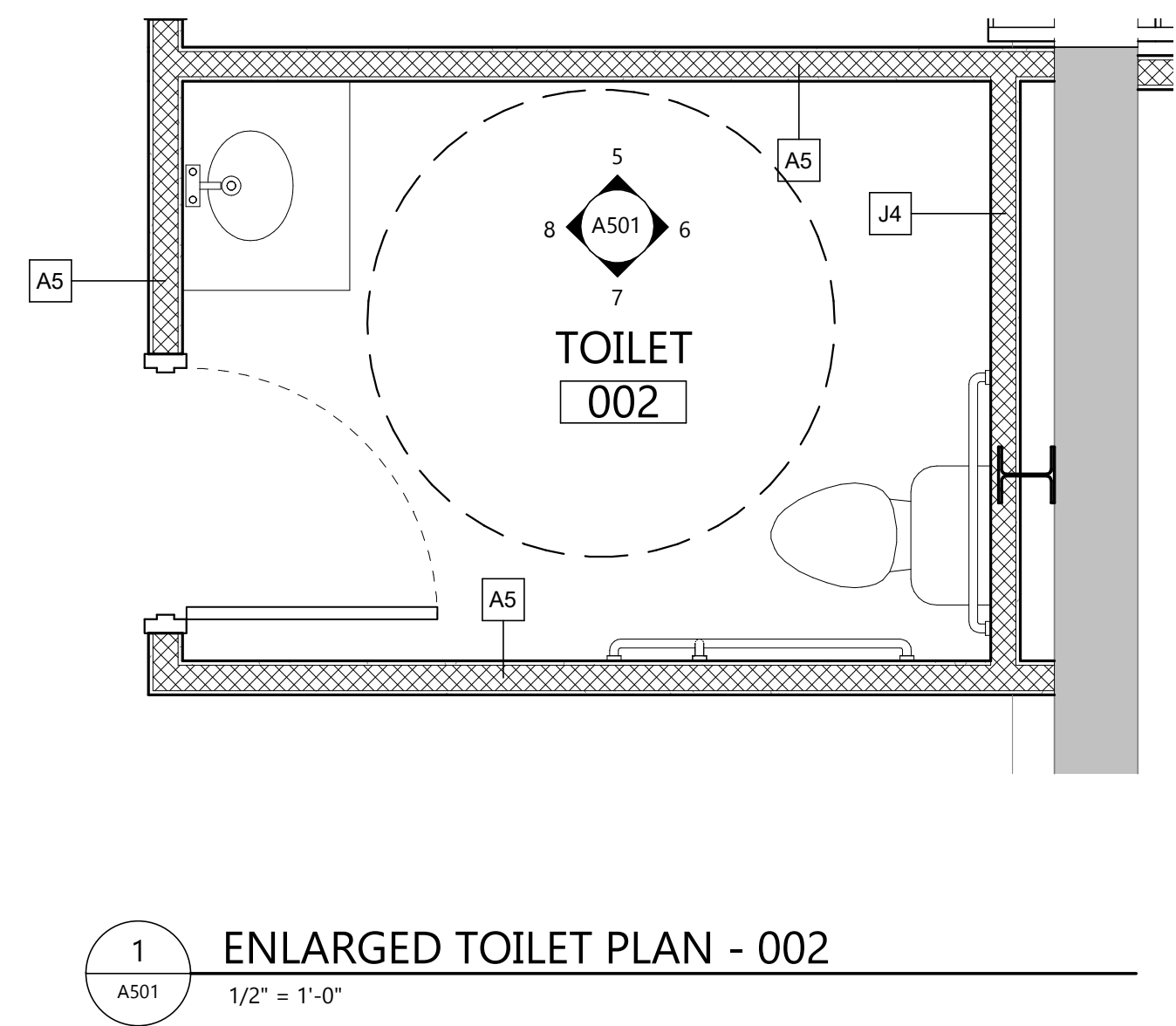
12 TLTL 004 W ELEV. 1/4" = 1'-0"
 11 TLTL 004 S ELEV. 1/4" = 1'-0"
 10 TLTL 004 E ELEV. 1/4" = 1'-0"
 9 TLTL 004 N ELEV. 1/4" = 1'-0"



8 TLTL 002 W ELEV. 1/4" = 1'-0"
 7 TLTL 002 S ELEV. 1/4" = 1'-0"
 6 TLTL 002 E ELEV. 1/4" = 1'-0"
 5 TLTL 002 N ELEV. 1/4" = 1'-0"



2 ENLARGED TOILET PLAN - 004 1/2" = 1'-0"

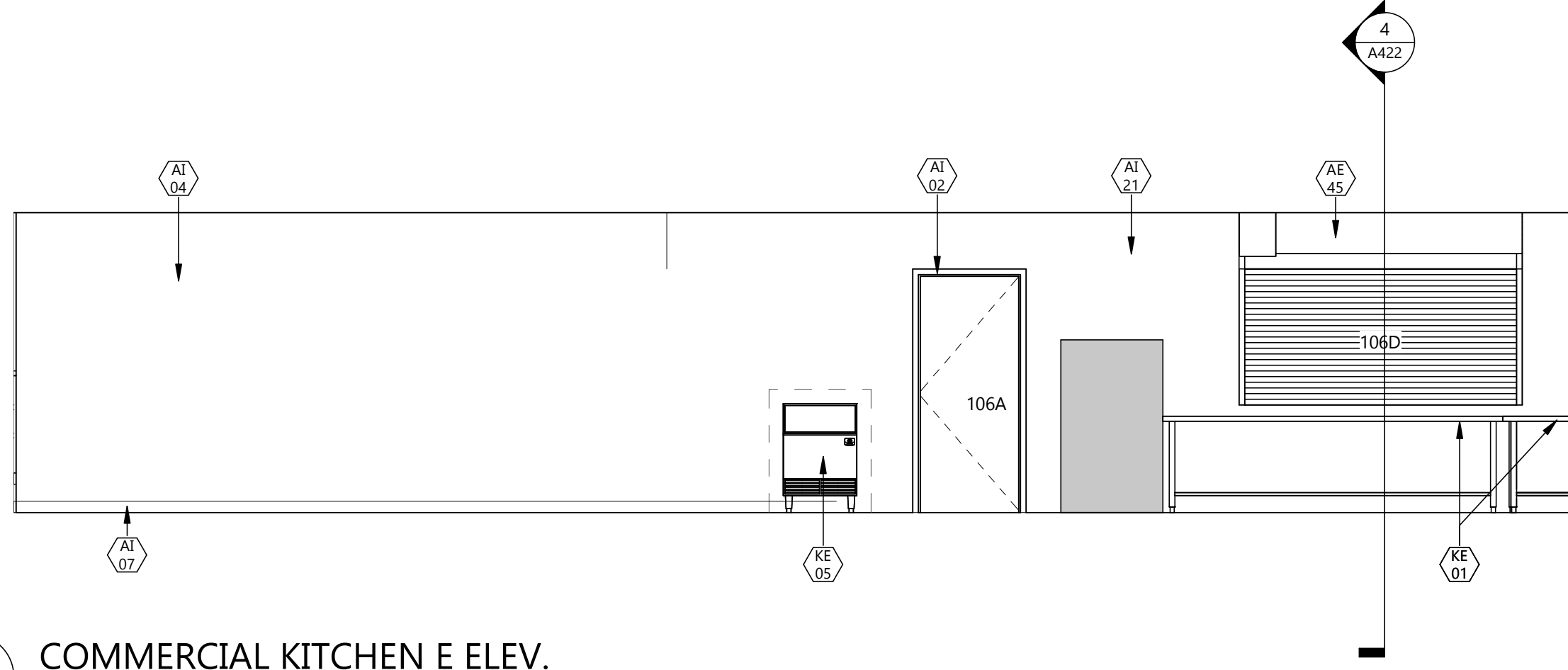


1 ENLARGED TOILET PLAN - 002 1/2" = 1'-0"

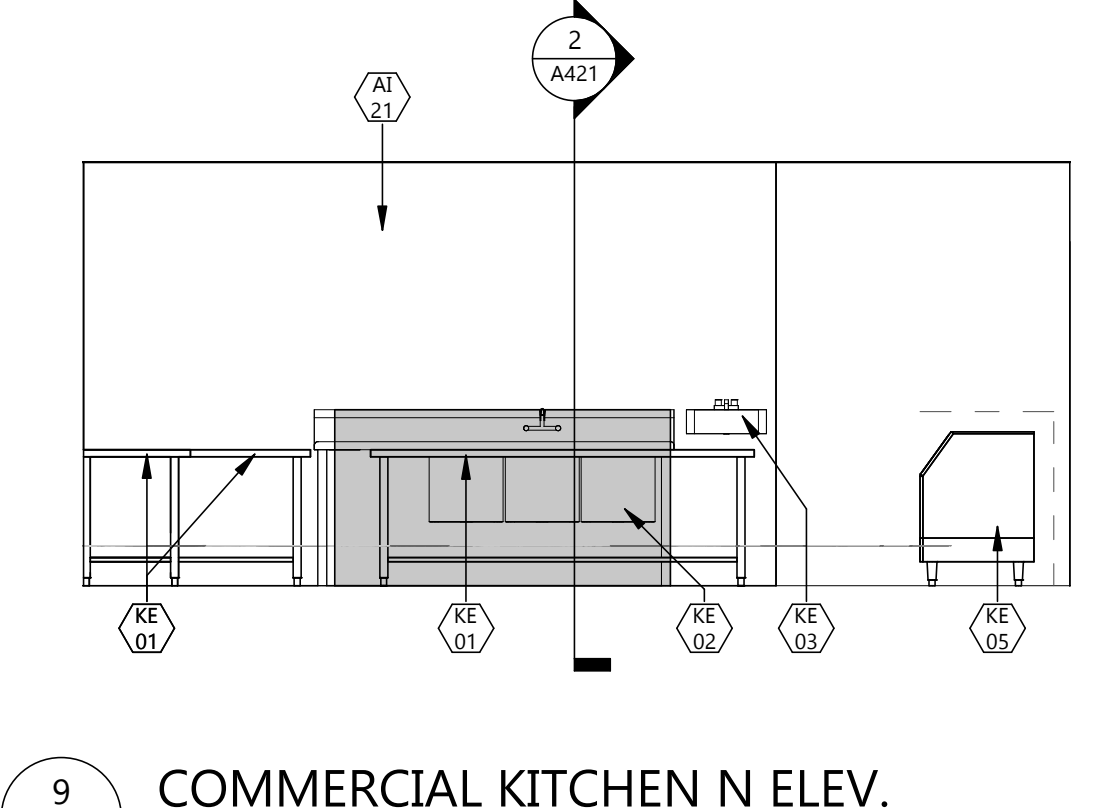
KEYNOTE LEGEND:

<< << INDICATES KEYNOTE ON PLAN

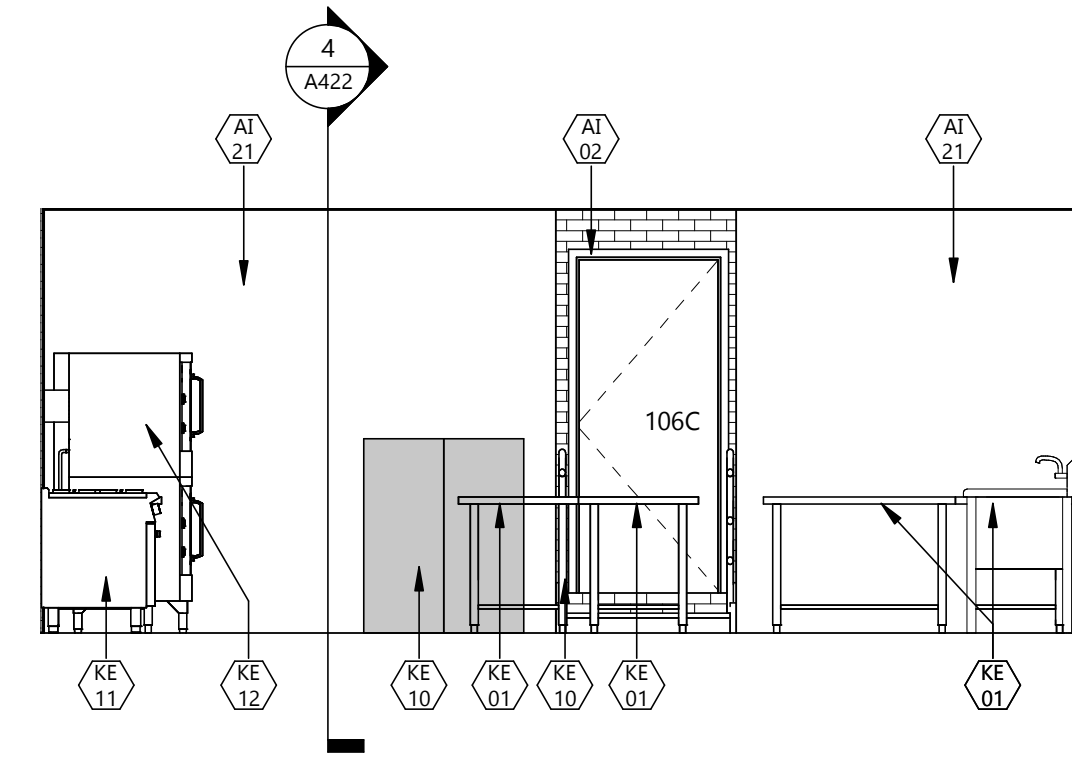
- AE 28 UTILITY SINK
- AE 45 COILING DOOR - SEE SPEC.
- AI 02 PNT-2 (HM FRAMES)
- AI 04 PNT-4
- AI 07 RB-1
- AI 08 PLAM-1
- AI 09 SSF-1
- AI 21 FRP-1
- KE 01 PREP TABLE - SEE PLAN FOR SIZING
- KE 02 3 COMPARTMENT SINK
- KE 03 HAND WASH SINK
- KE 04 COMMERCIAL DISHWASHER
- KE 05 ICE MACHINE
- KE 06 3 DOOR COMMERCIAL REFRIGERATOR
- KE 07 2 DOOR COMMERCIAL FREEZER
- KE 08 TRASH CAN
- KE 09 DRINK WEAR RACK
- KE 10 STORAGE RACK
- KE 11 6 BURNER RANGE
- KE 12 COMBINATION OVEN
- KE 13 FRYER
- KE 14 DIRTY DISH RACK
- KE 15 CLEAN DISH RACK
- KE 16 COMMERCIAL HOOD - SEE MECH.
- KE 17 UNDER COUNTER BEVERAGE COOLER



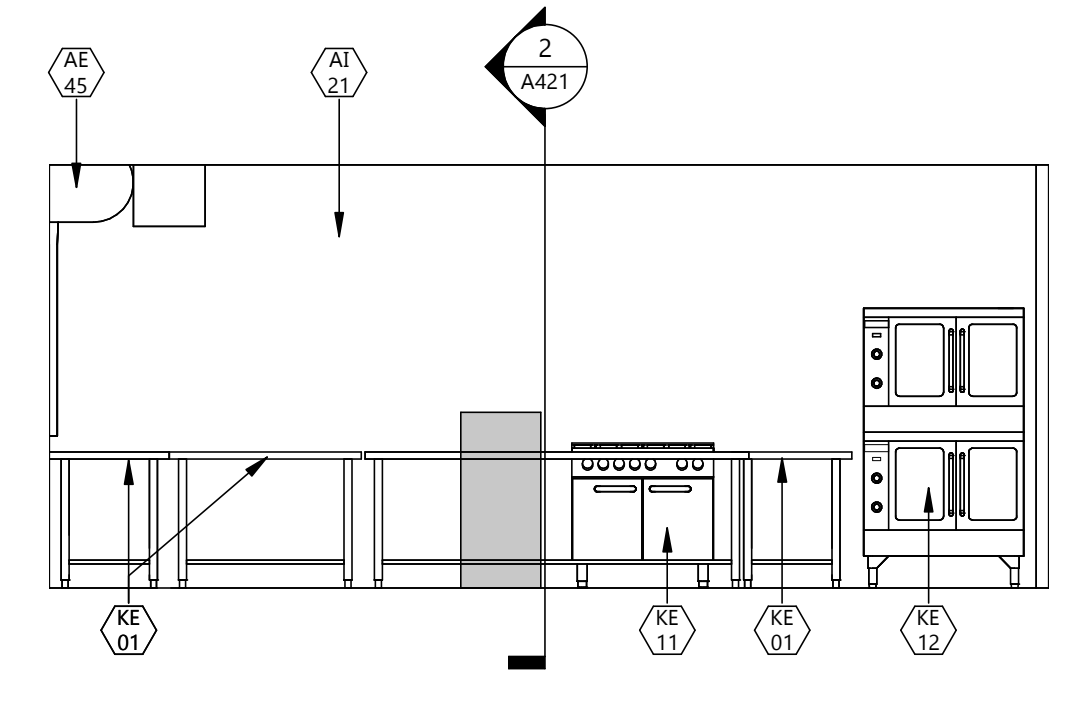
10 COMMERCIAL KITCHEN E ELEV.
A502 1/4" = 1'-0"



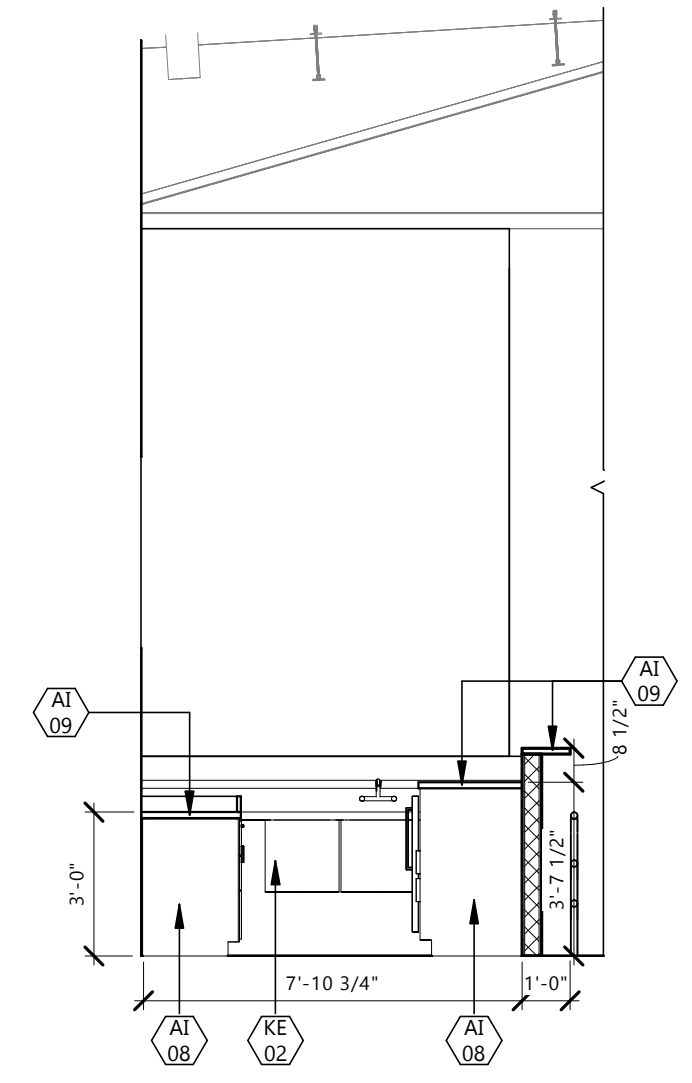
9 COMMERCIAL KITCHEN N ELEV.
A502 1/4" = 1'-0"



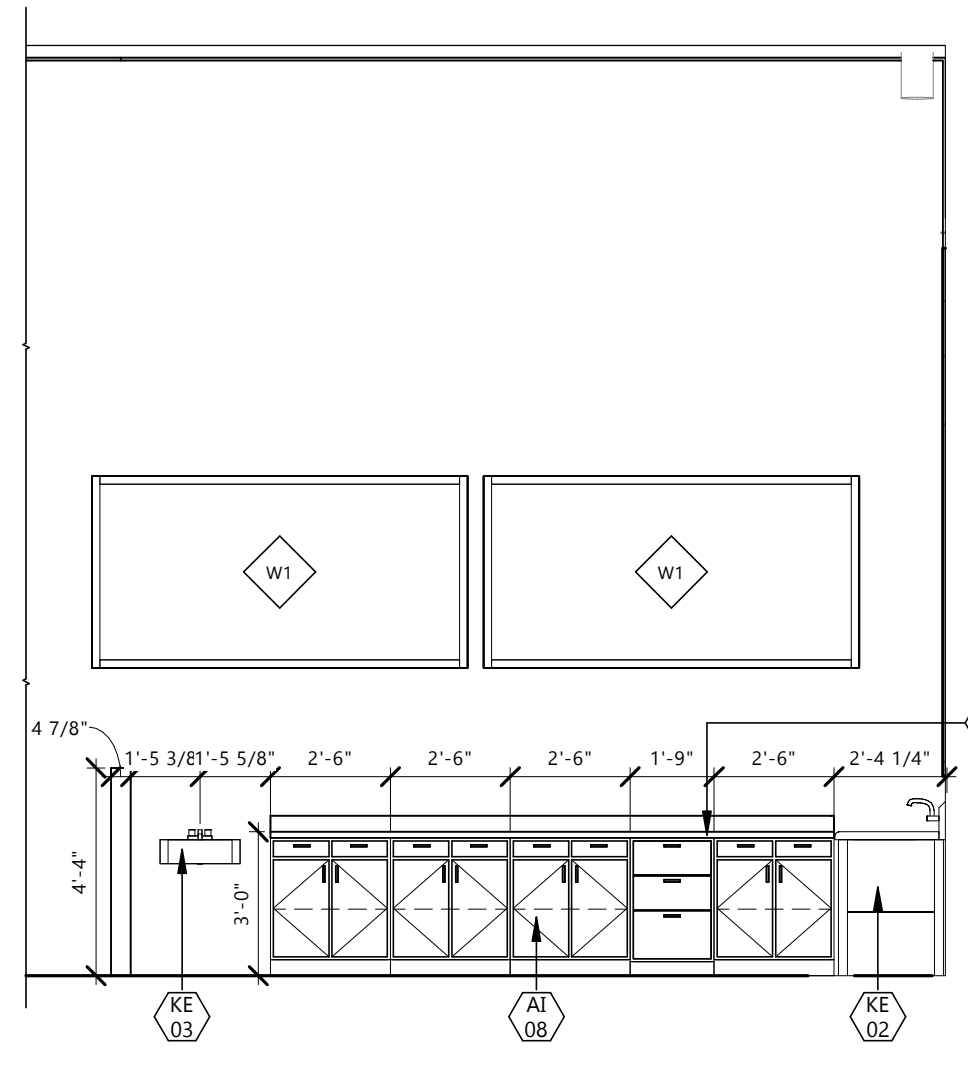
8 COMMERCIAL KITCHEN W ELEV.
A502 1/4" = 1'-0"



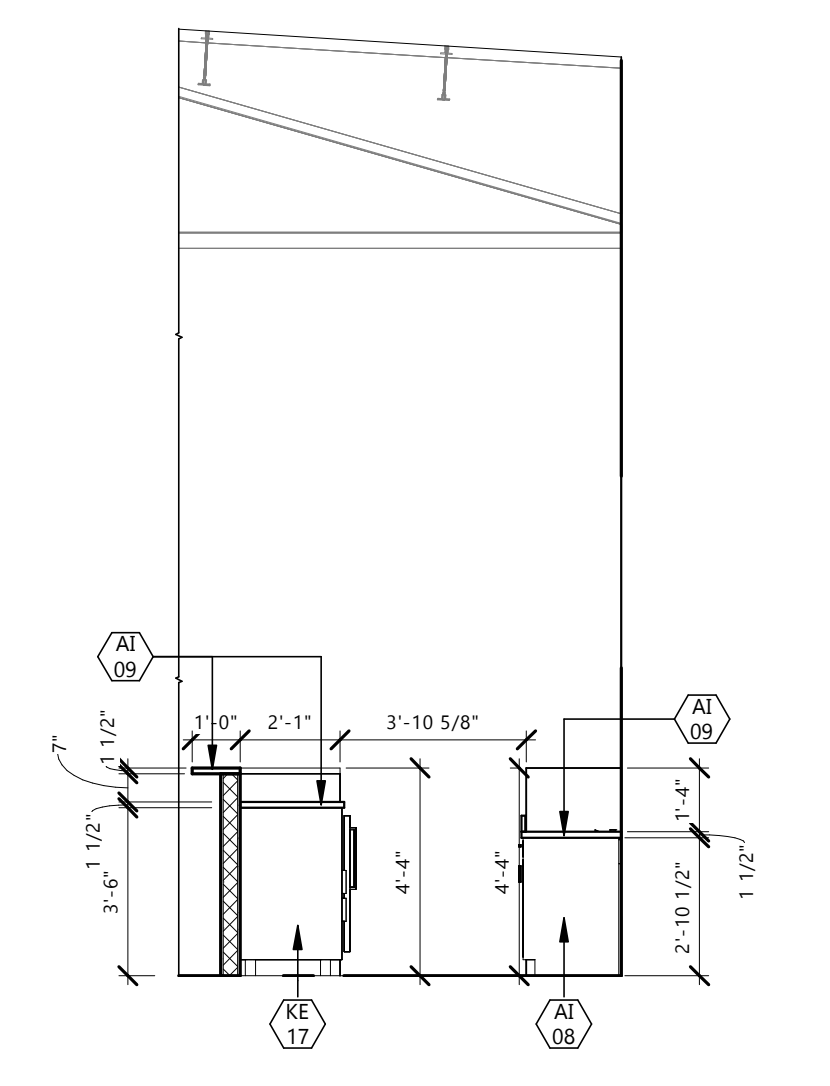
7 COMMERCIAL KITCHEN S ELEV.
A502 1/4" = 1'-0"



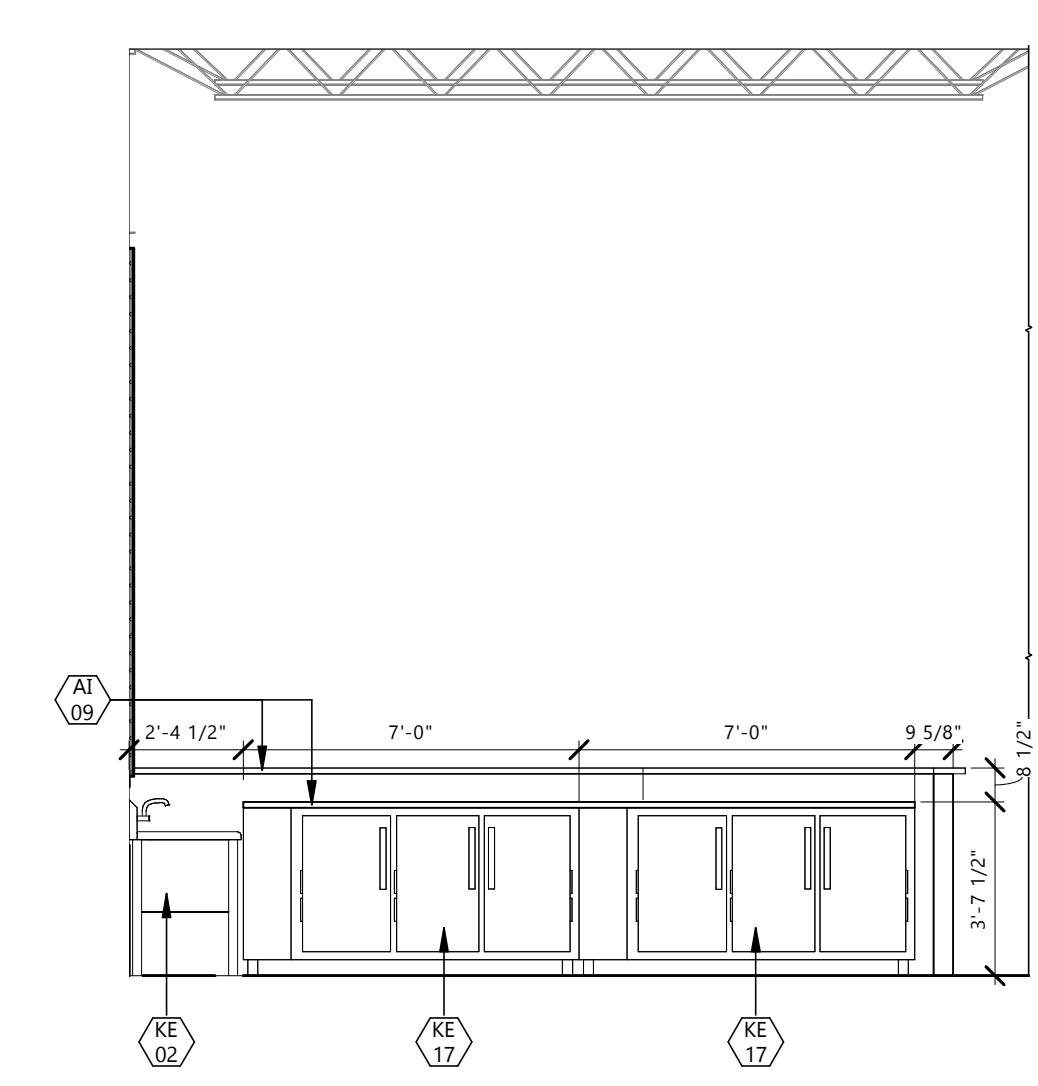
6 EVENT CENTER BAR W ELEV.
A502 1/4" = 1'-0"



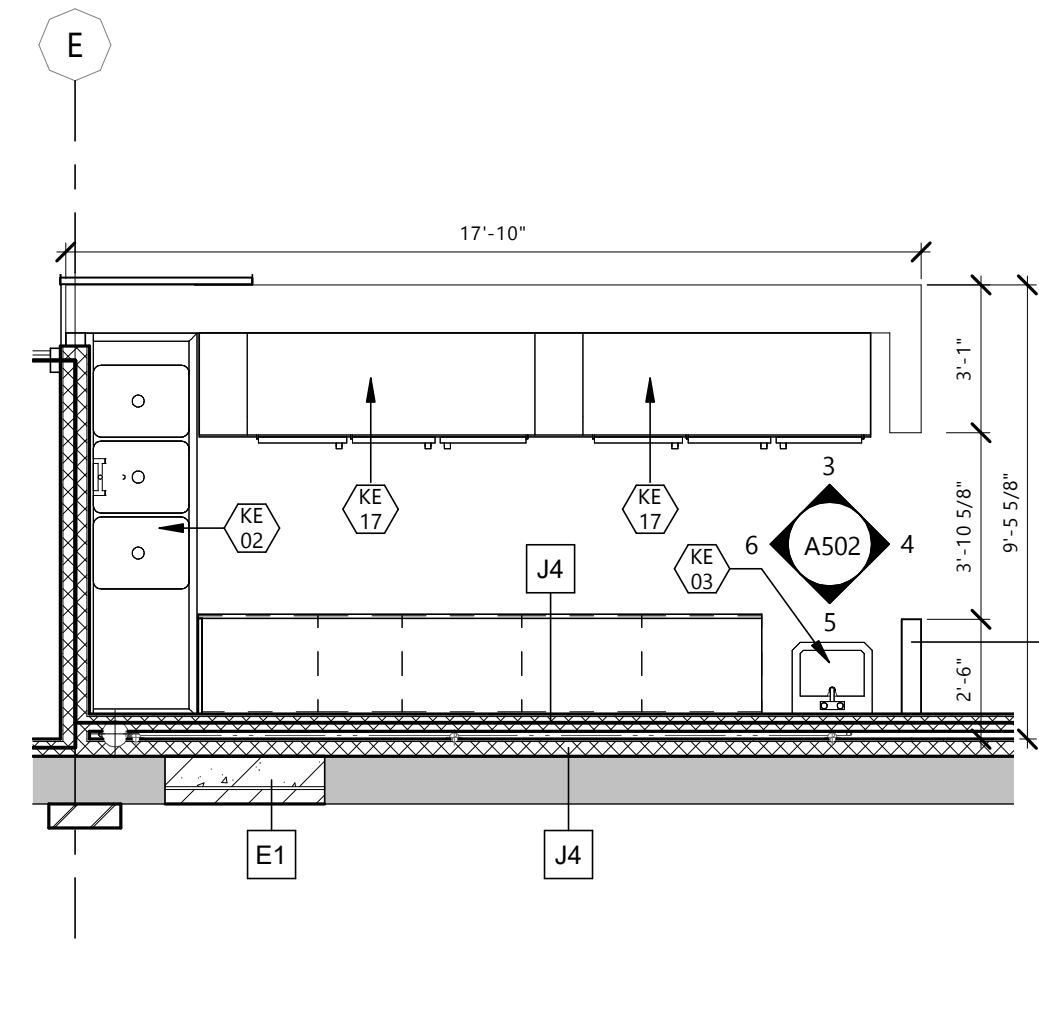
5 EVENT CENTER BAR S ELEV.
A502 1/4" = 1'-0"



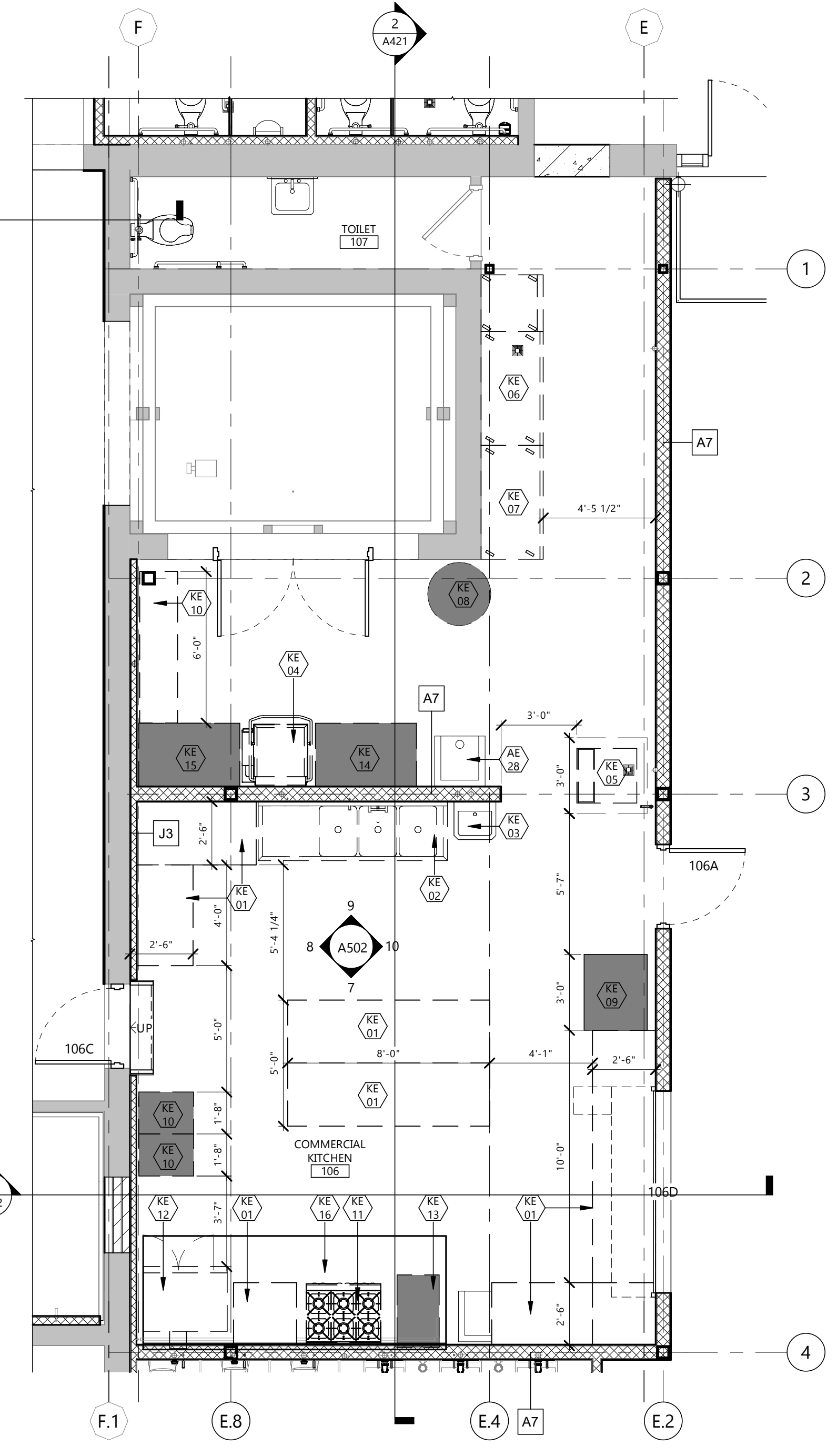
4 EVENT CENTER BAR E ELEV.
A502 1/4" = 1'-0"



3 EVENT CENTER BAR N ELEV.
A502 1/4" = 1'-0"



1 ENLARGED PLAN - EVENT CENTER BAR
A502 1/4" = 1'-0"



2 ENLARGED COMMERCIAL KITCHEN PLAN
A502 1/4" = 1'-0"

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

PROJECT NO: **20236130**
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Signature: *[Signature]*
Date: **12/8/2024** REG. NO. **1718**

DRAWING TITLE
ENLARGED FLOOR PLANS & ELEVATIONS - COMMERCIAL KITCHEN

A502

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
3	BID PACKAGE #3	12/18/2024
2	BP#2 - ADDENDUM 1	6/24/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

PROJECT NO: **20236130**
DRAWN BY: **EK**
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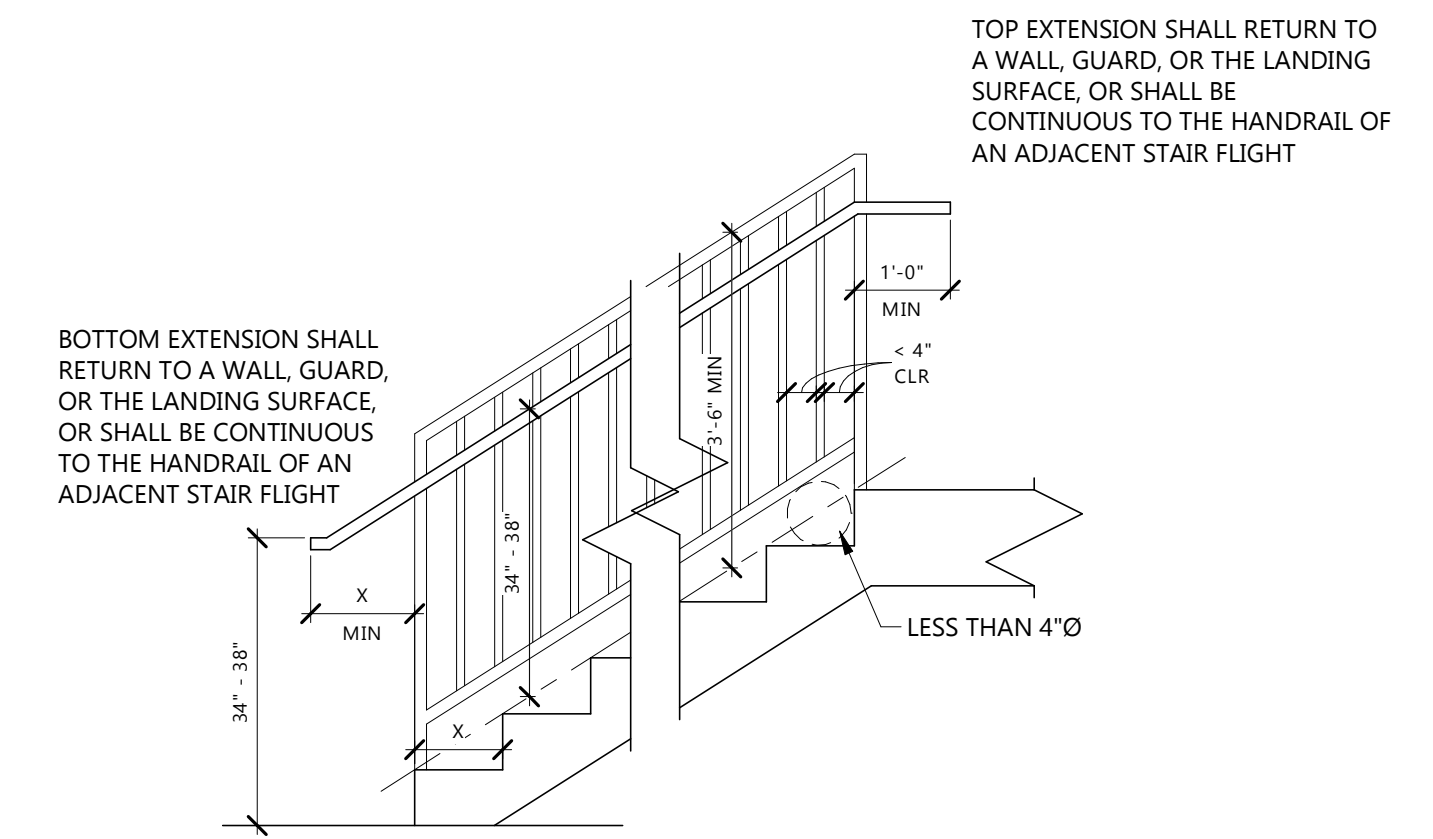
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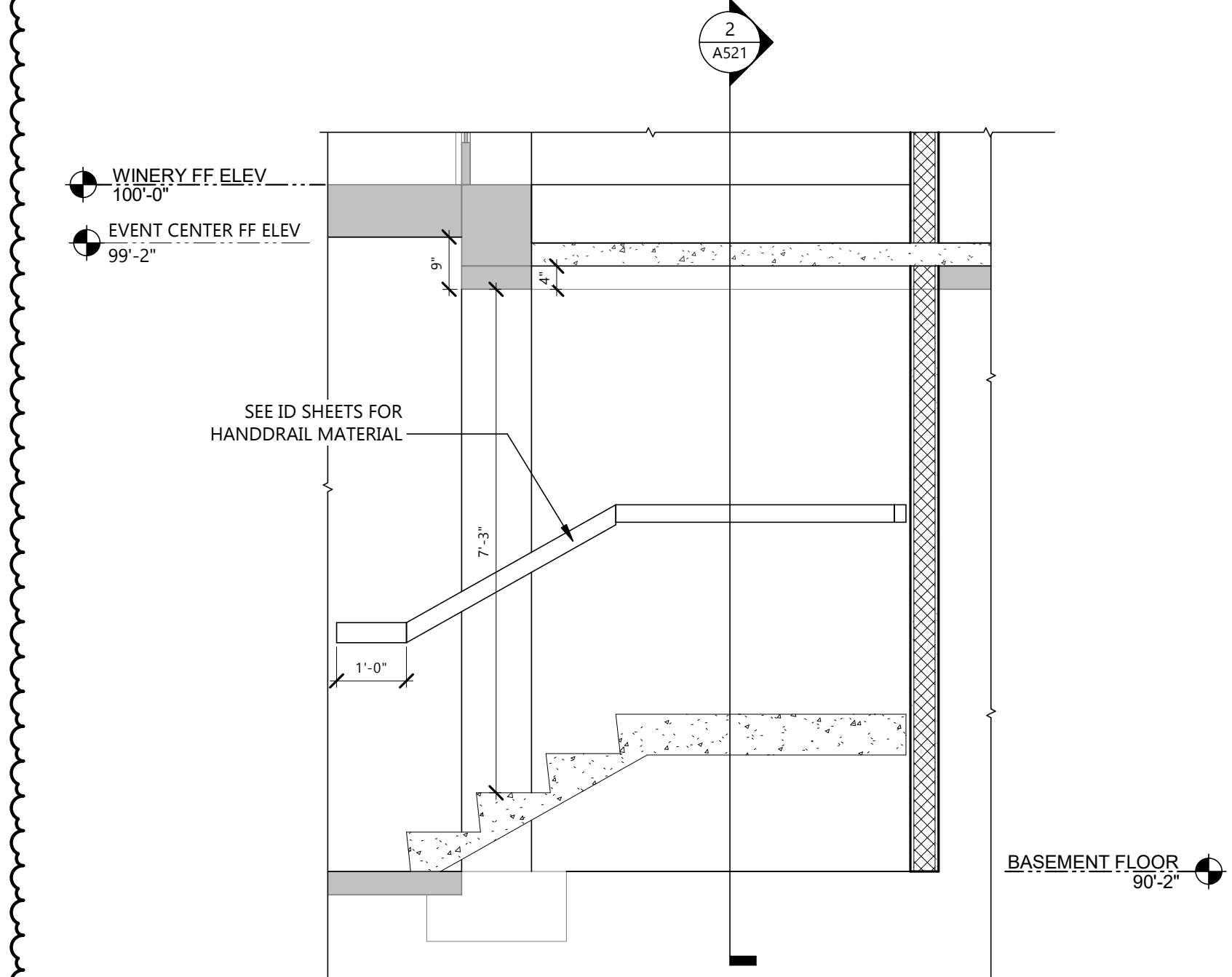
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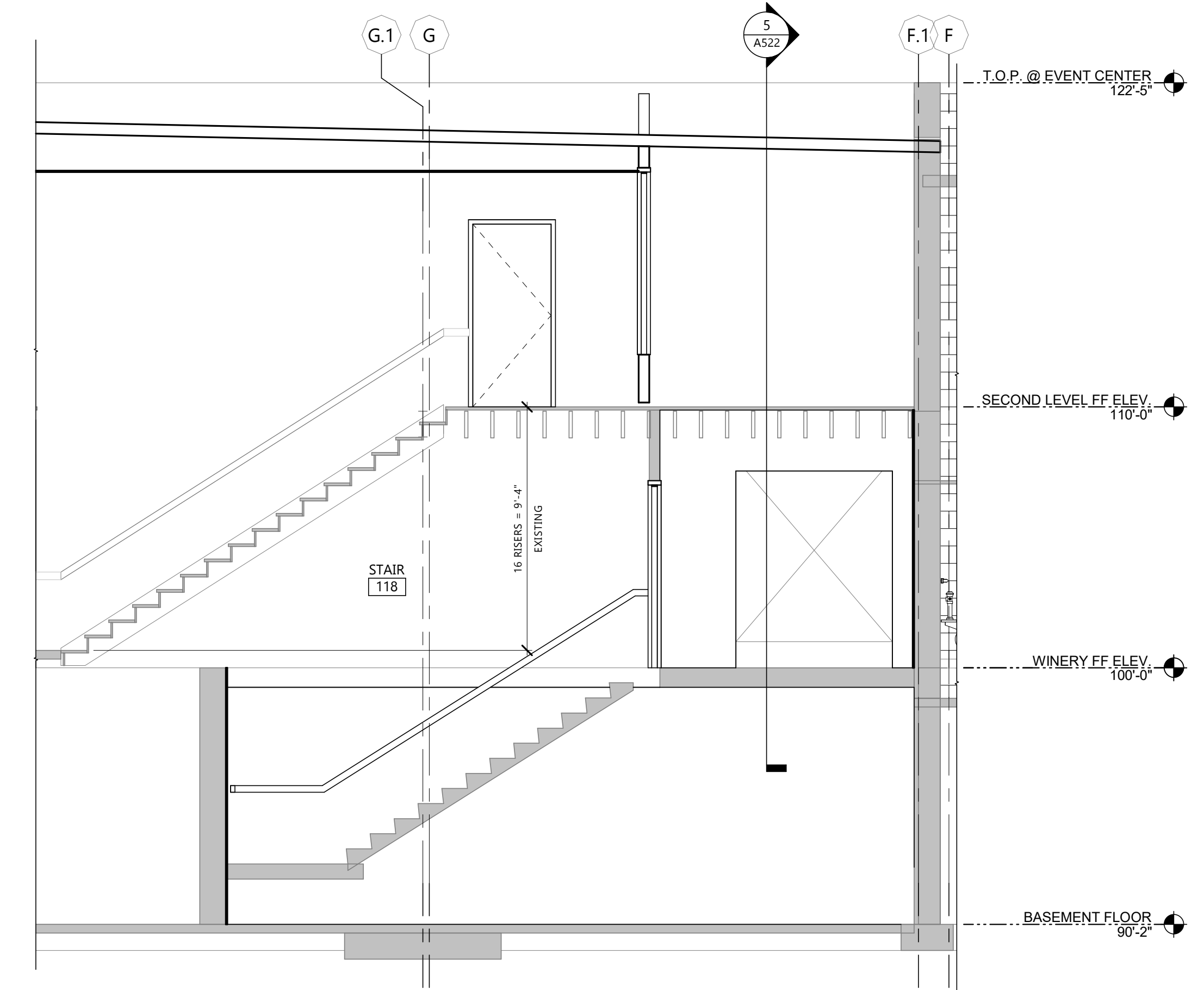
DRAWING TITLE
STAIR PLANS, SECTIONS, & DETAILS



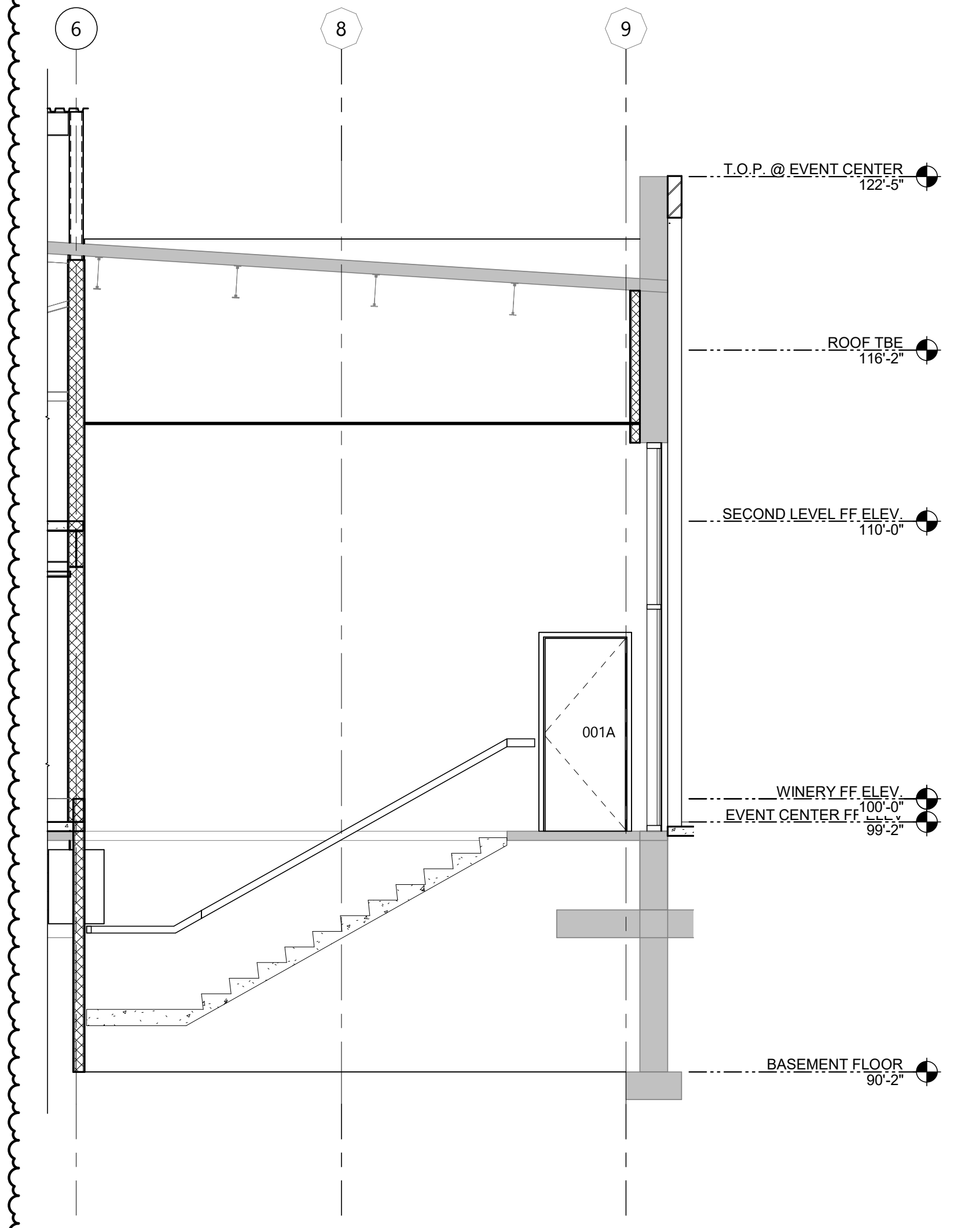
8 STAIR RAILING REQUIREMENTS
A521 1/2" = 1'-0"



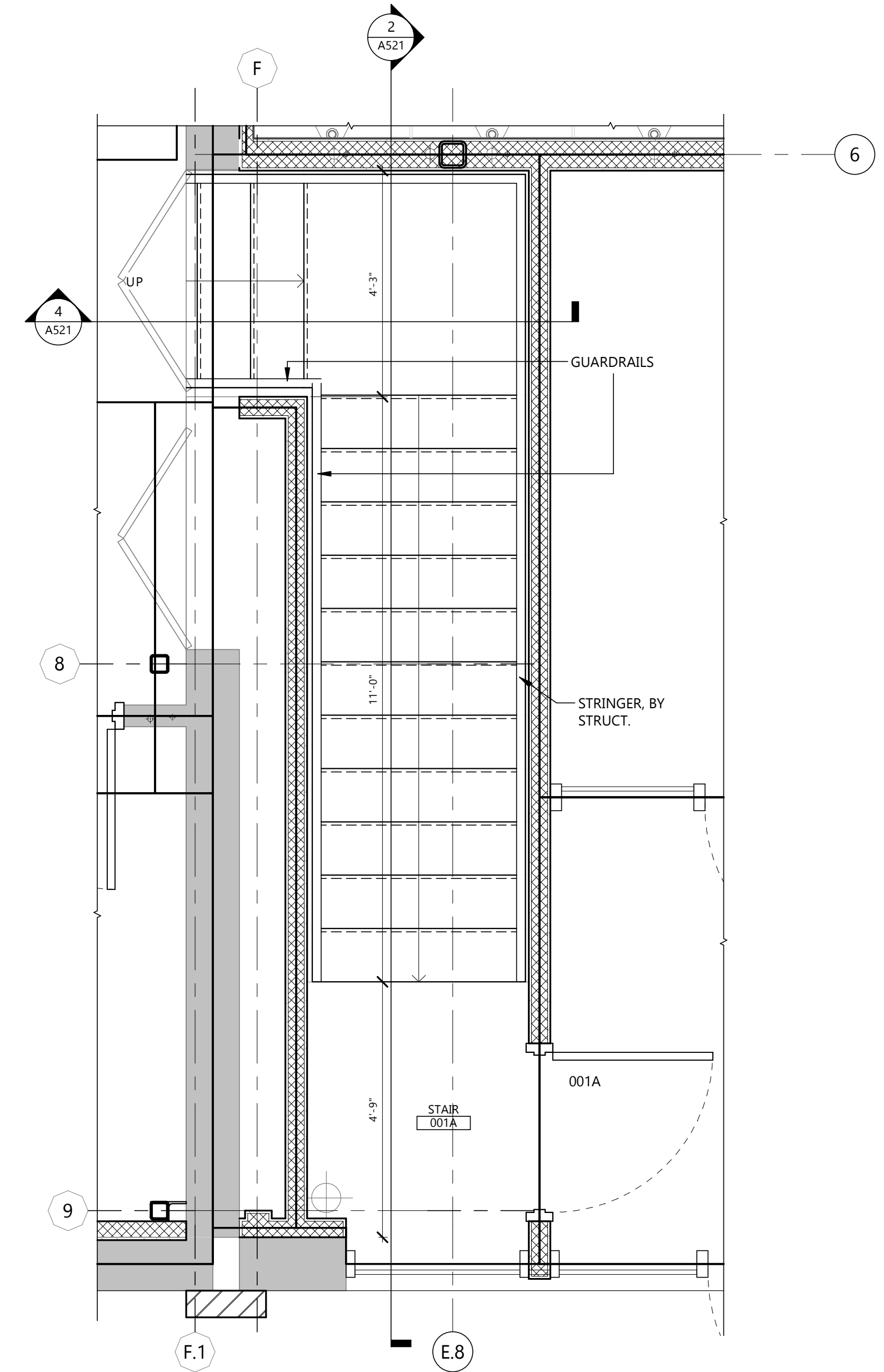
4 STAIR 001A W/E SECTION
A521 1/2" = 1'-0"



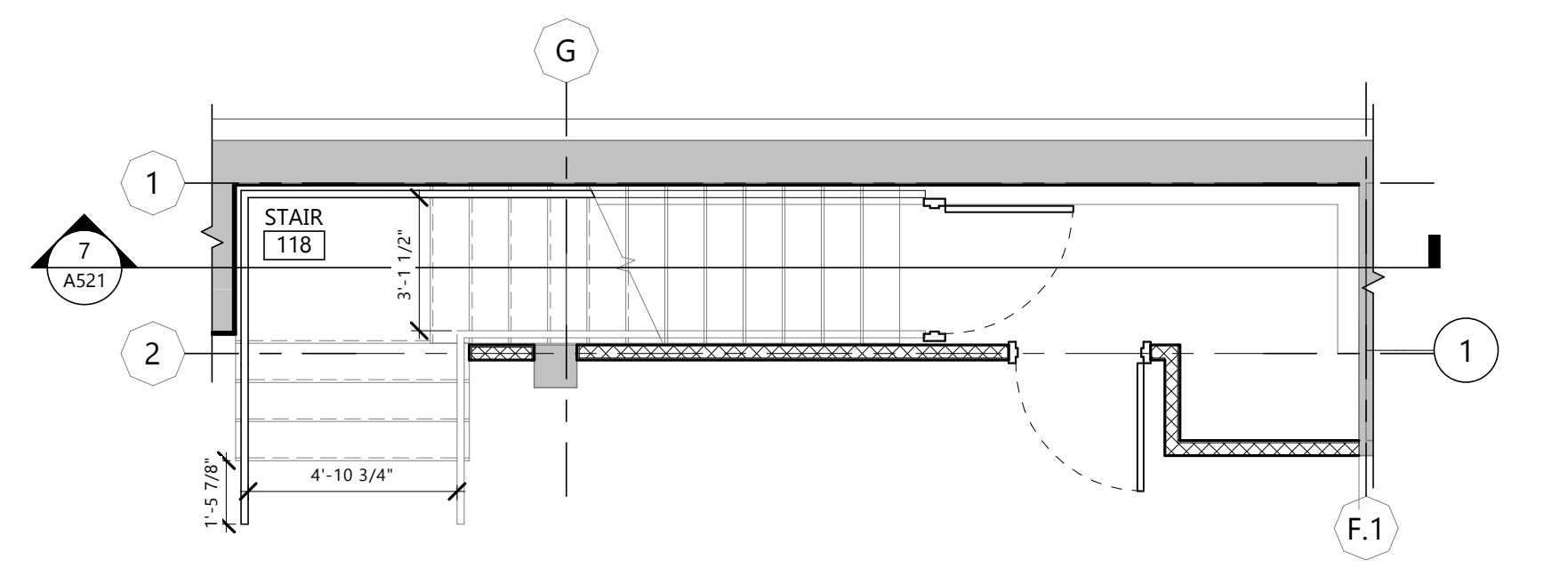
7 STAIR 118 SECTION
A521 1/4" = 1'-0"



2 STAIR 001A N/S SECTION
A521 1/4" = 1'-0"



1 ENLARGED BASEMENT STAIR PLAN
A521 1/2" = 1'-0"



3 ENLARGED EXISTING BASEMENT PLAN
A521 1/4" = 1'-0"

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

2	BID PACKAGE #3	12/18/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024
MARK	DESCRIPTION	DATE

PROJECT NO: **20236130**
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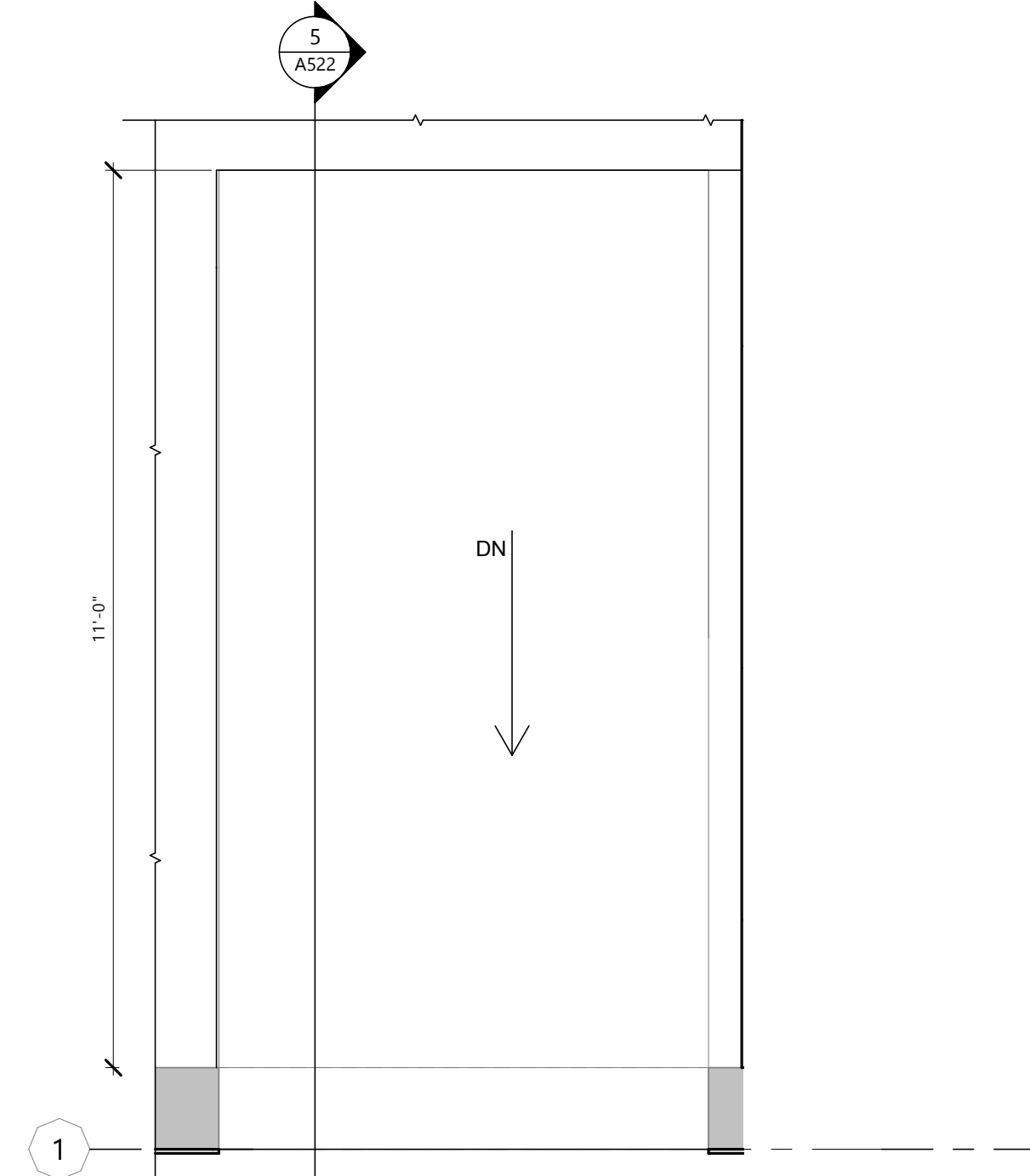
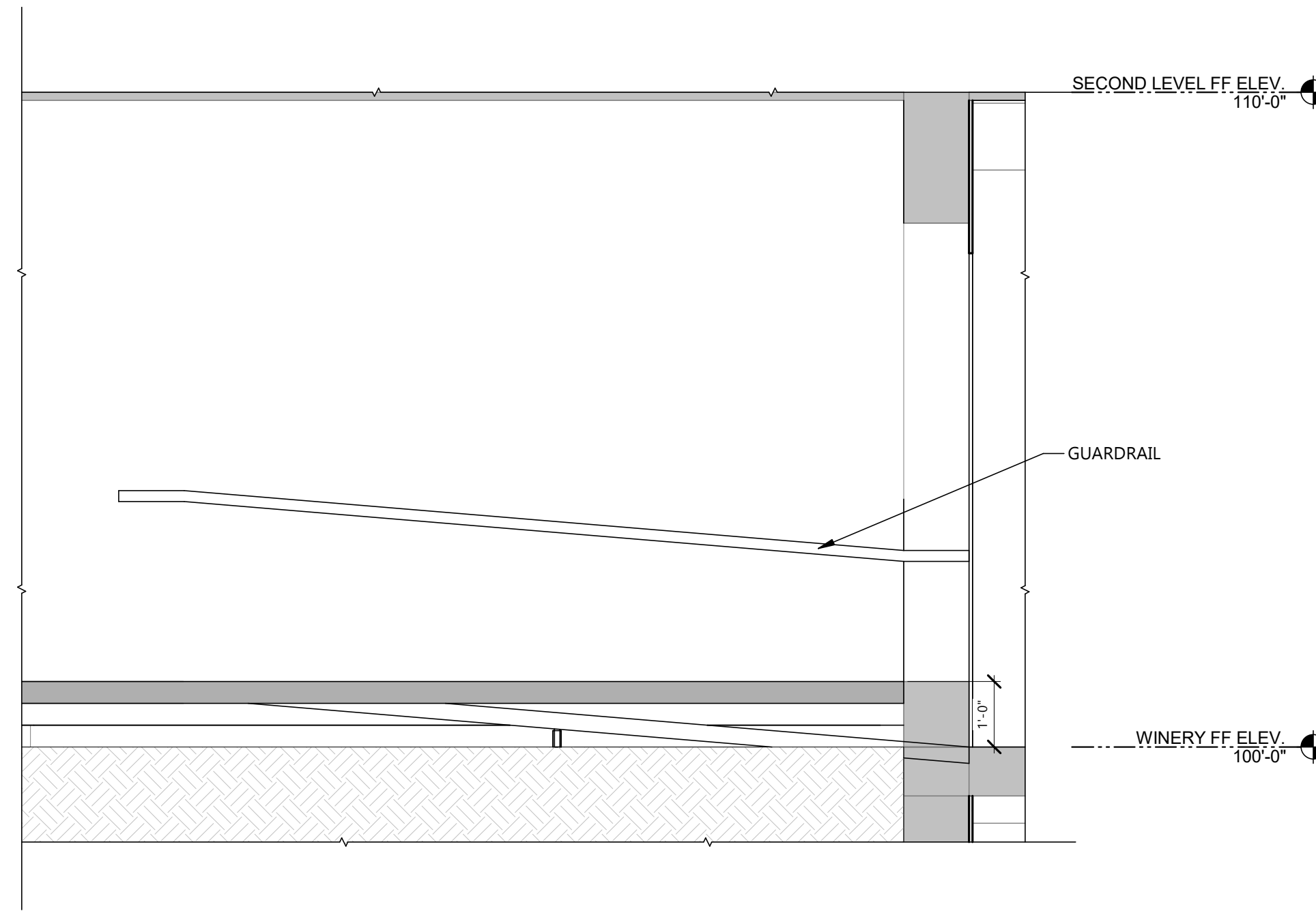
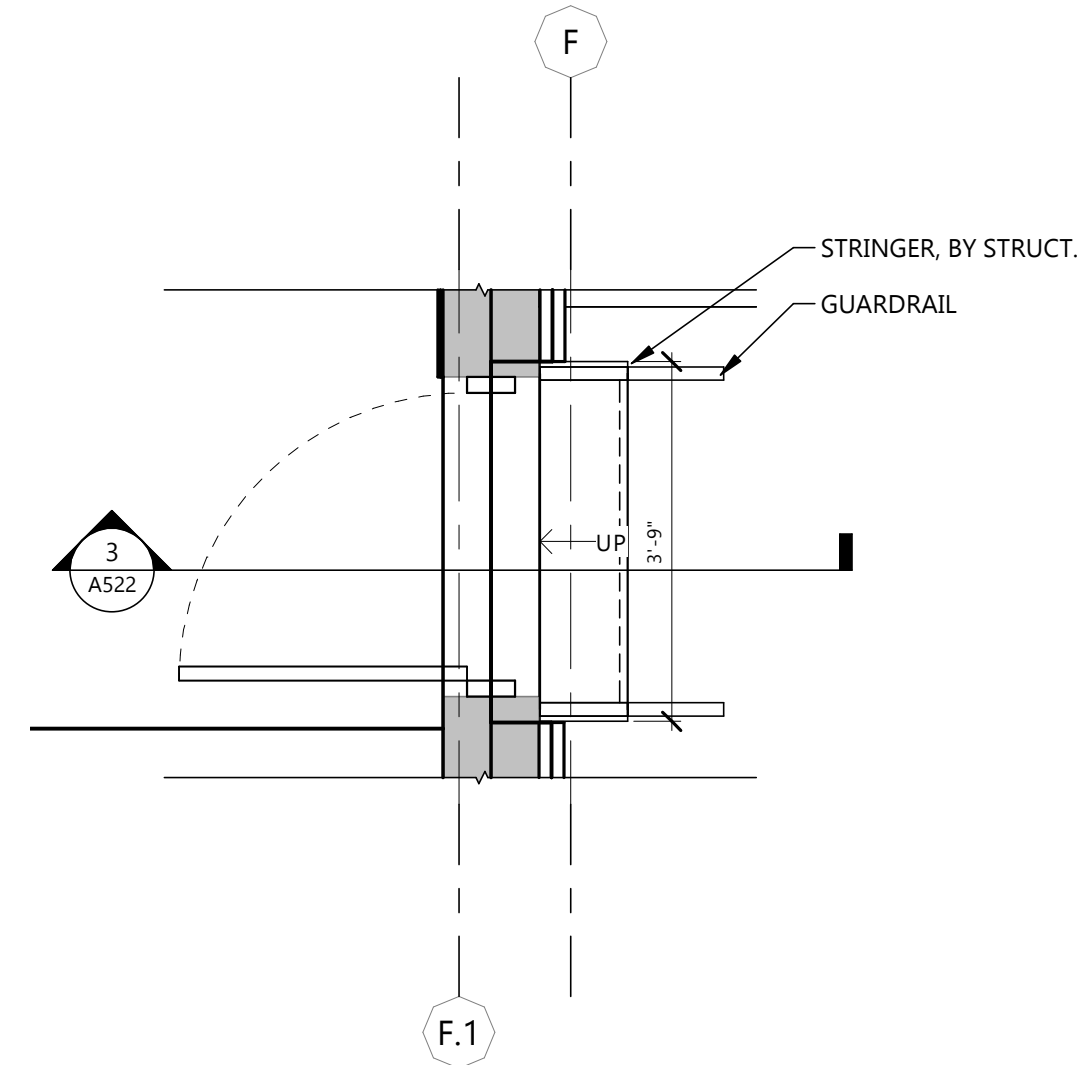
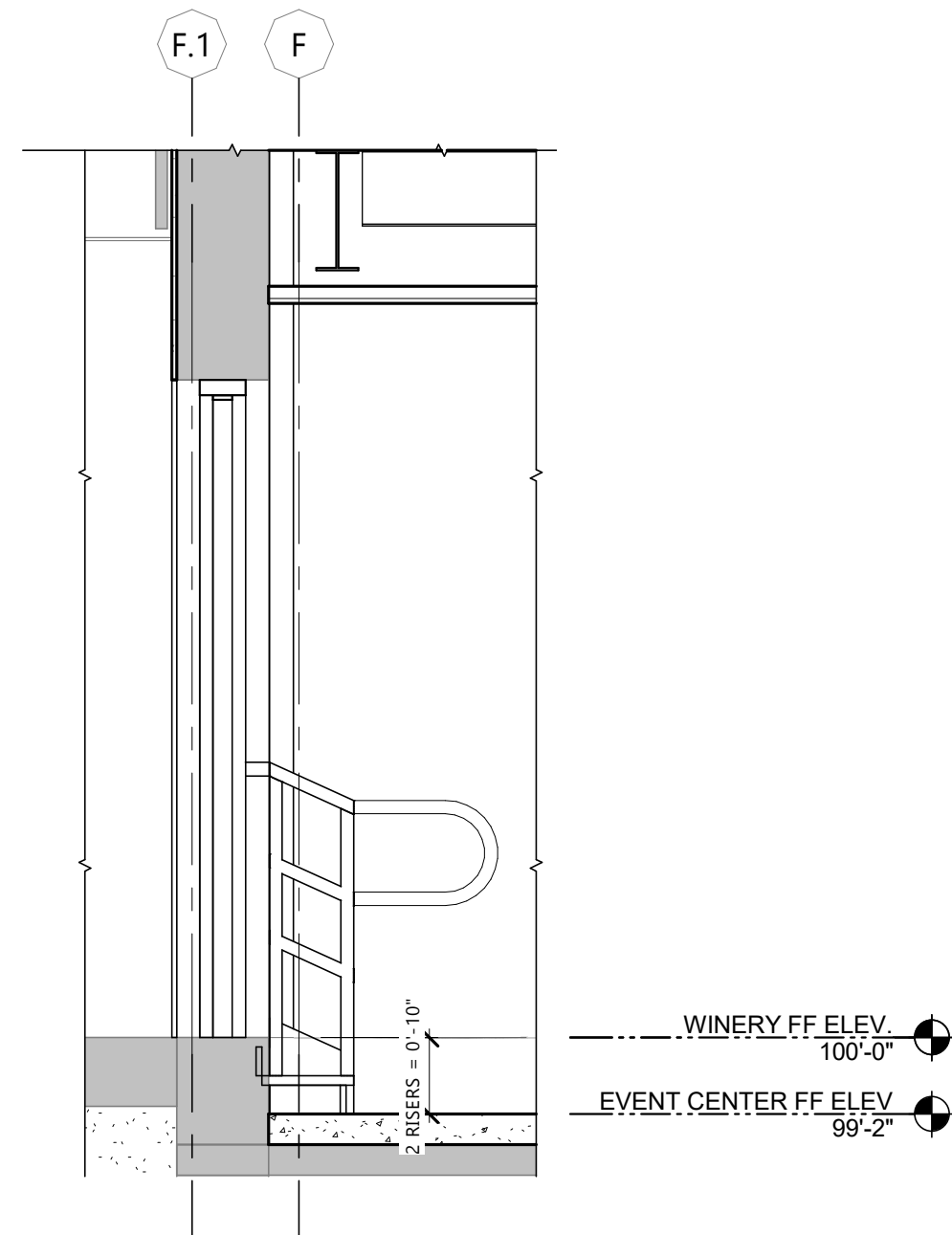
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DRAWING TITLE
STAIR & RAMP PLANS AND SECTIONS, DETAILS

A522

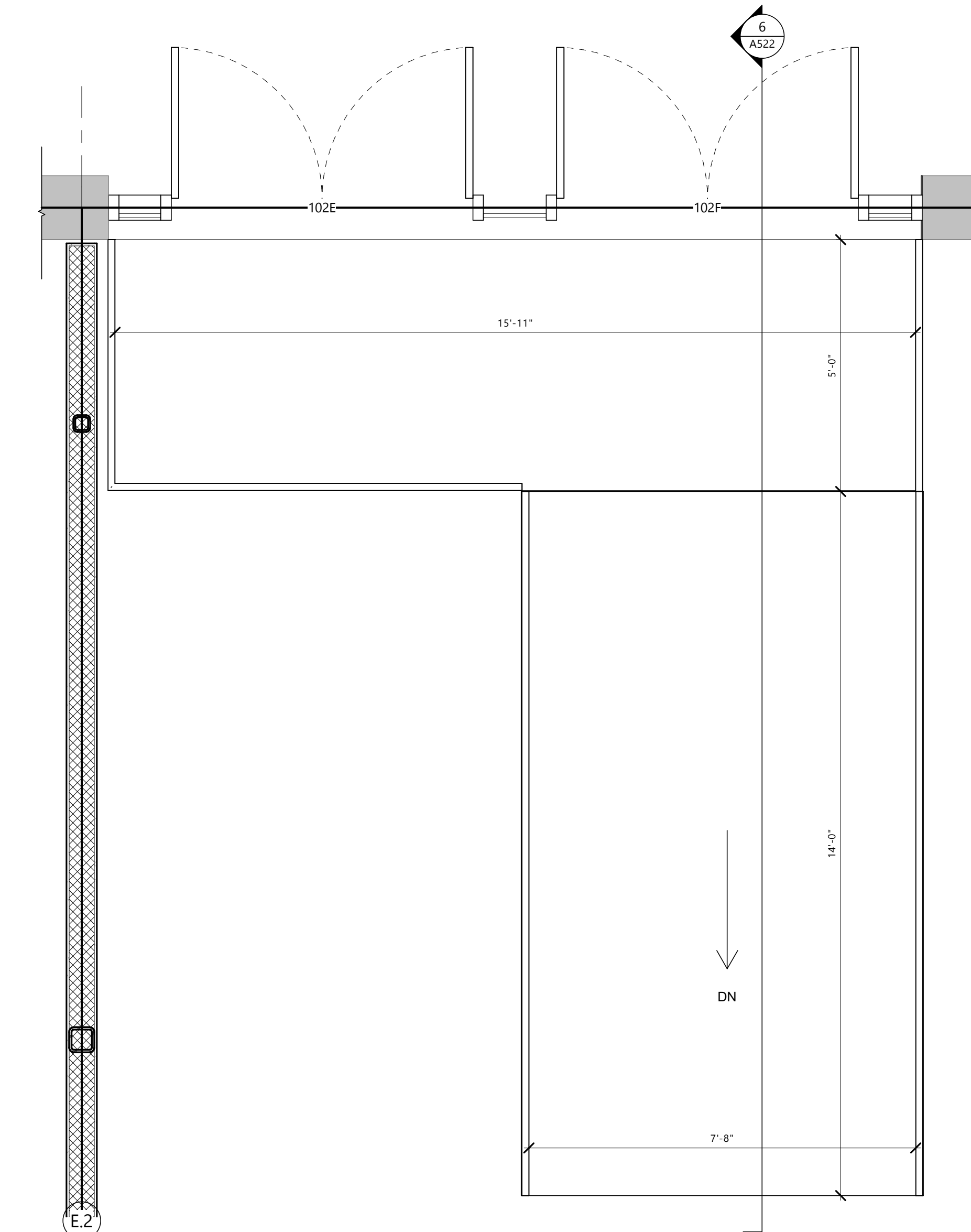
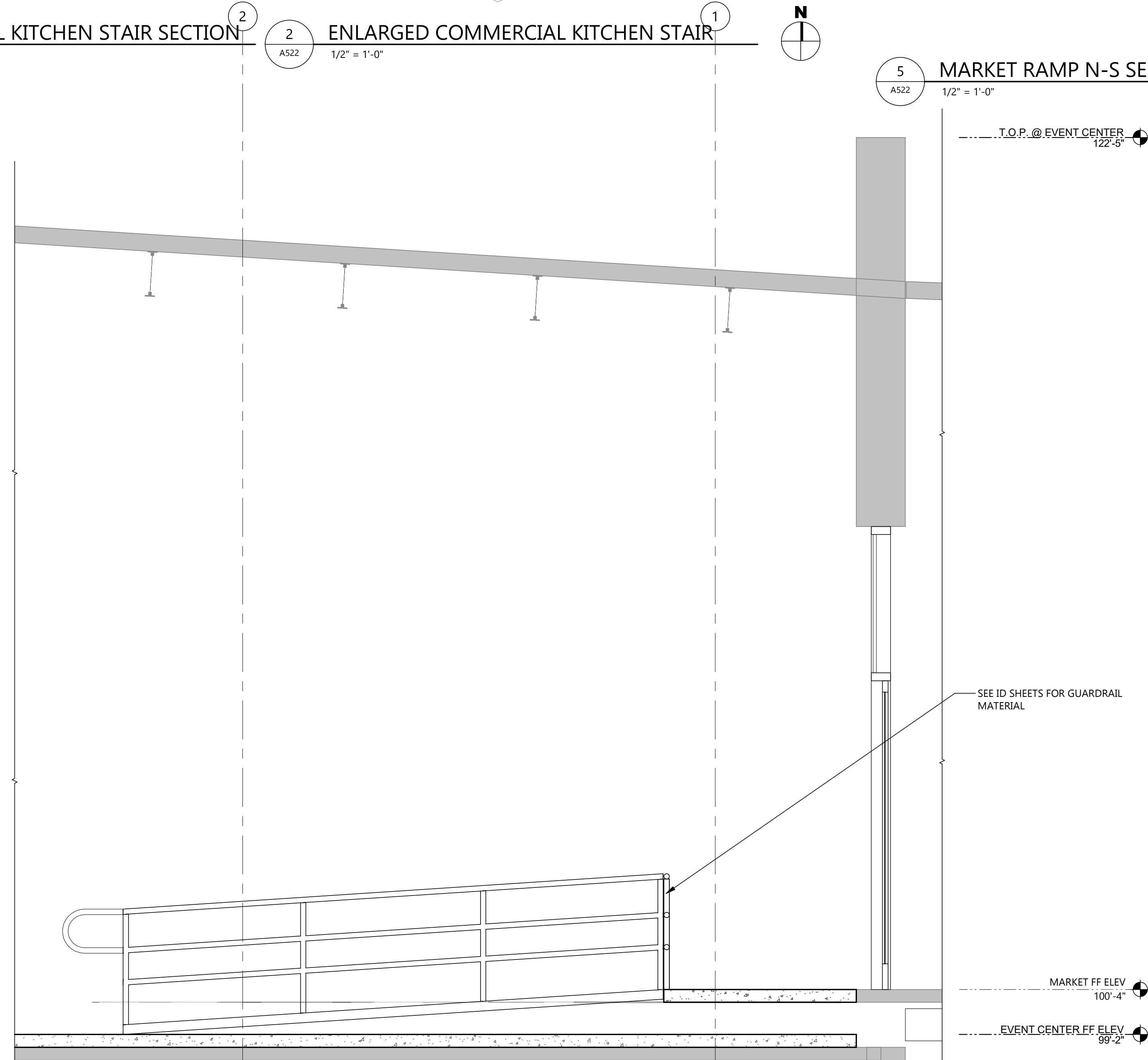


3 COMMERCIAL KITCHEN STAIR SECTION
A522 1/2" = 1'-0"

2 ENLARGED COMMERCIAL KITCHEN STAIR
A522 1/2" = 1'-0"

5 MARKET RAMP N-S SECTION
A522 1/2" = 1'-0"

4 ENLARGED MARKET CORR. RAMP PLAN
A522 1/2" = 1'-0"



6 EVENT CENTER RAMP N-S SECTION
A522 1/2" = 1'-0"

1 ENLARGED EVENT CENTER / MARKET RAMP PLAN
A522 1/2" = 1'-0"

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
1	BP#1	4/26/2024
CD	CONFORMED SET	6/21/2024

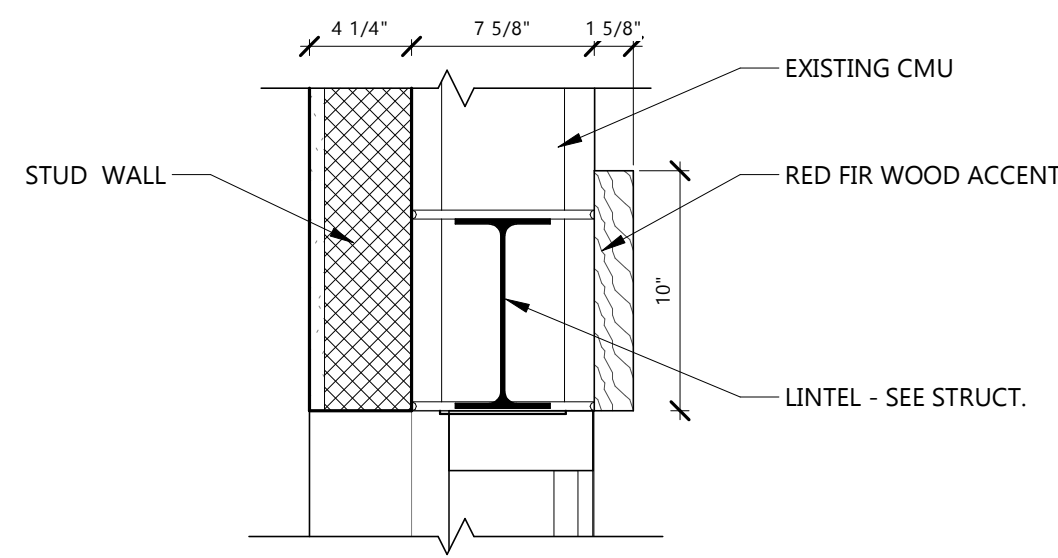
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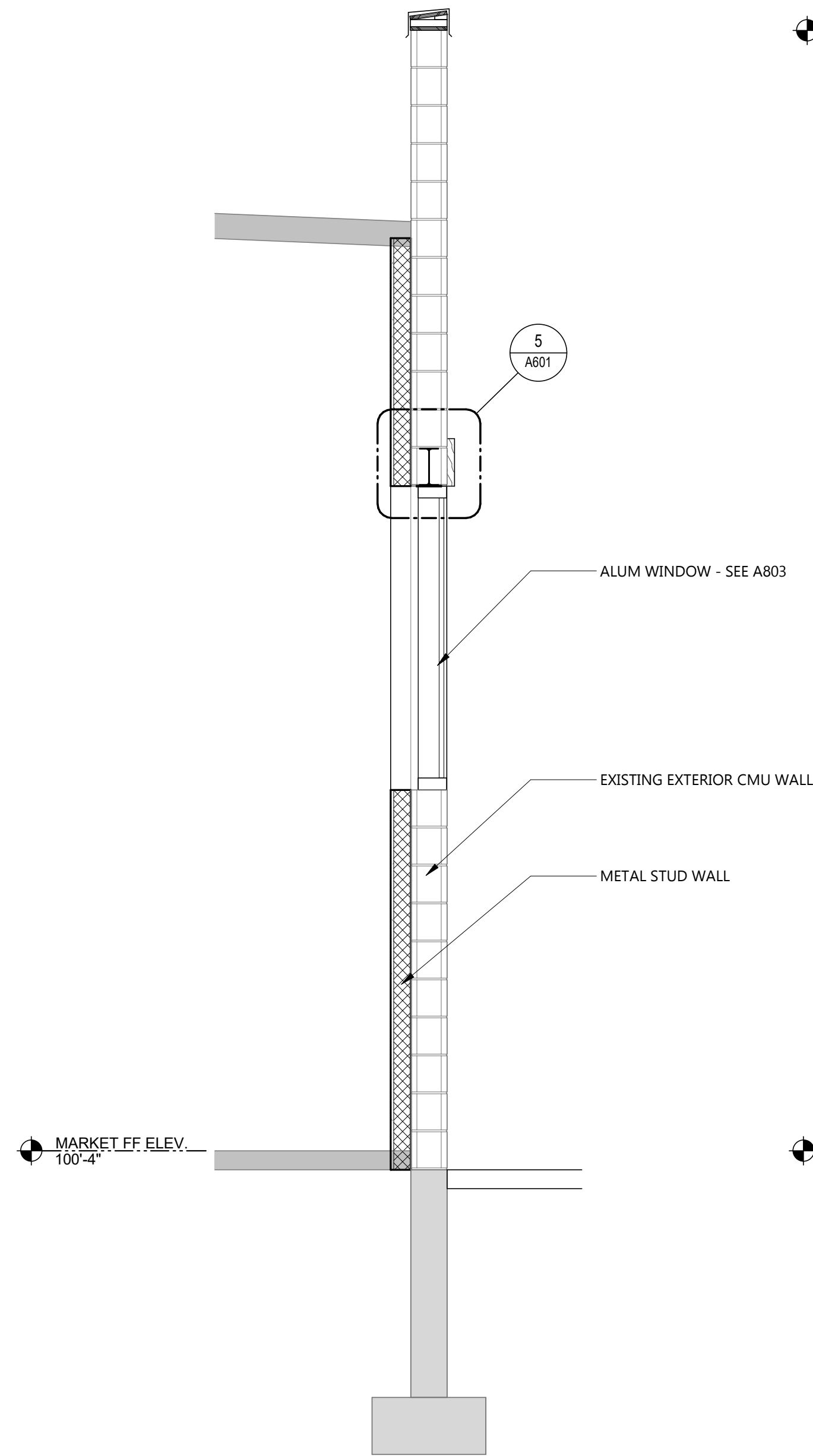
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Date: 12/8/2024 REG. NO.: 1718

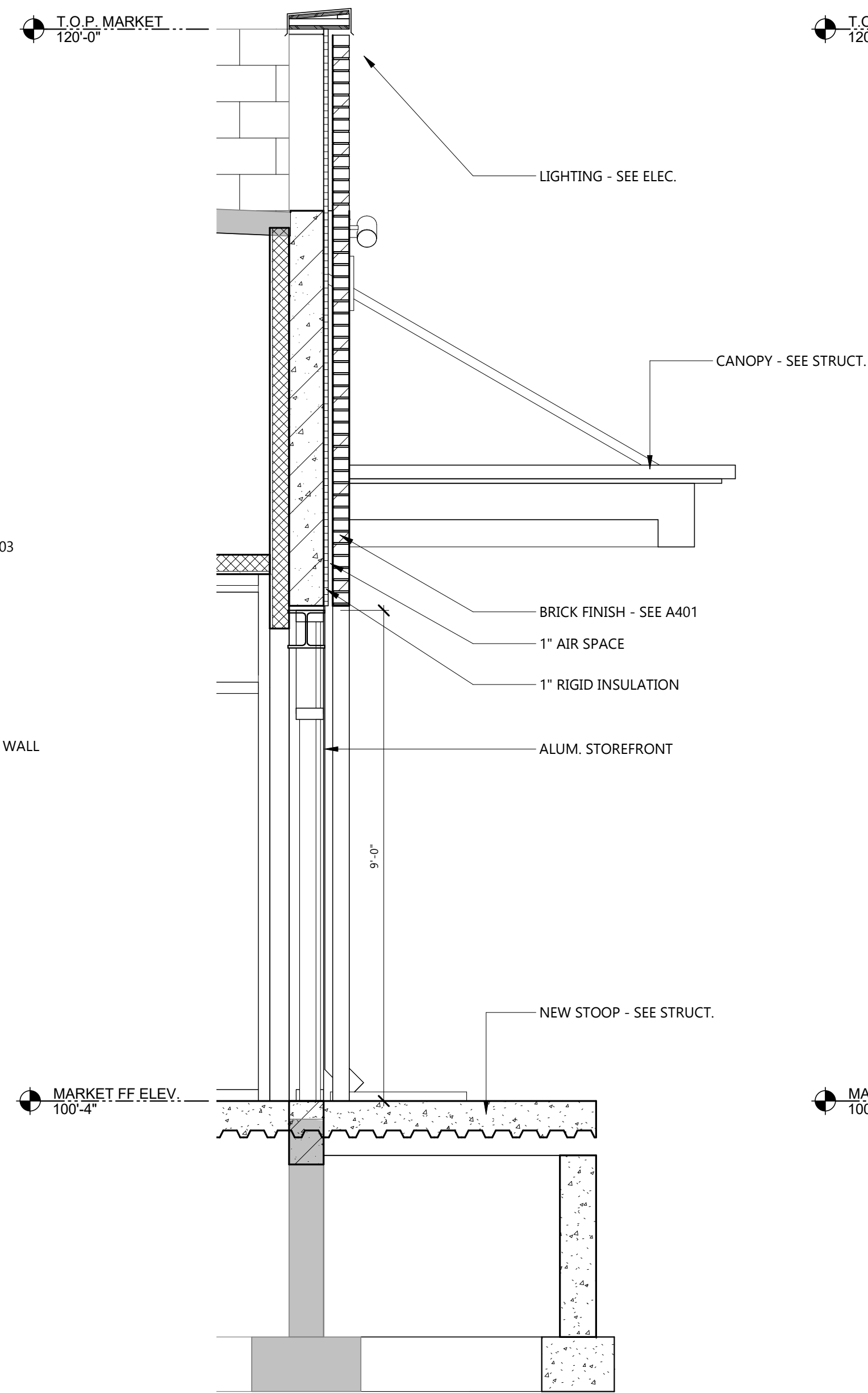
DRAWING TITLE
DETAILS



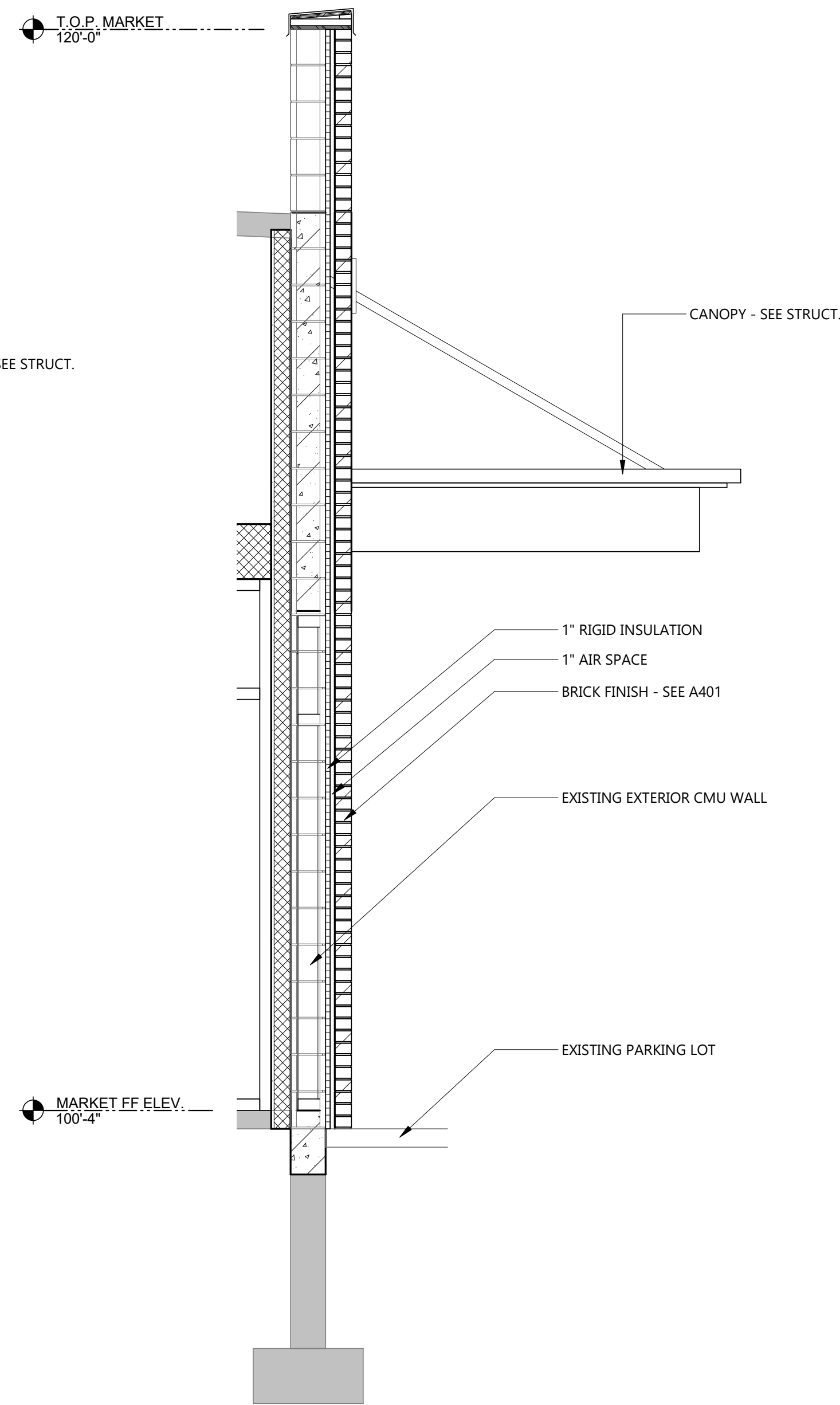
5 RED FIR ACCENT HEADER DETAIL
A601 1/2" = 1'-0"



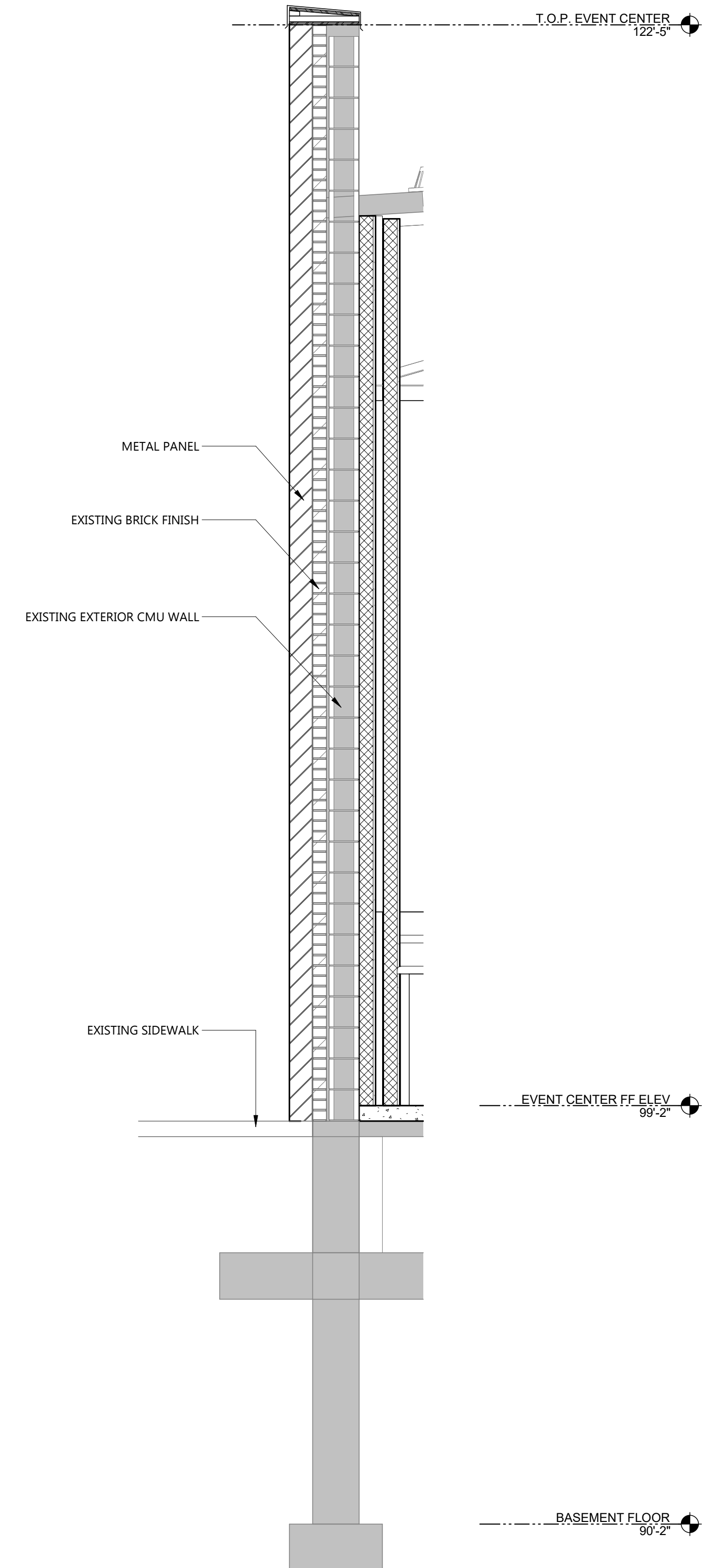
4 WALL SECTION @ NORTH WINDOW OPENING
A601 1/2" = 1'-0"



3 EXTERIOR WALL SECTION @ N MARKET ENTRANCE
A601 1/2" = 1'-0"



2 EXTERIOR WALL SECTION @ N MARKET BRICK
A601 1/2" = 1'-0"



1 EXTERIOR WALL SECTION @ S EVENT CENTER ENTRANCE
A601 1/2" = 1'-0"

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SCULLY DESIGN BUILD,
INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

2	BP#2 - ADDENDUM 1	6/24/2024
1	BP#2	5/24/2024
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MARK	DESCRIPTION	DATE

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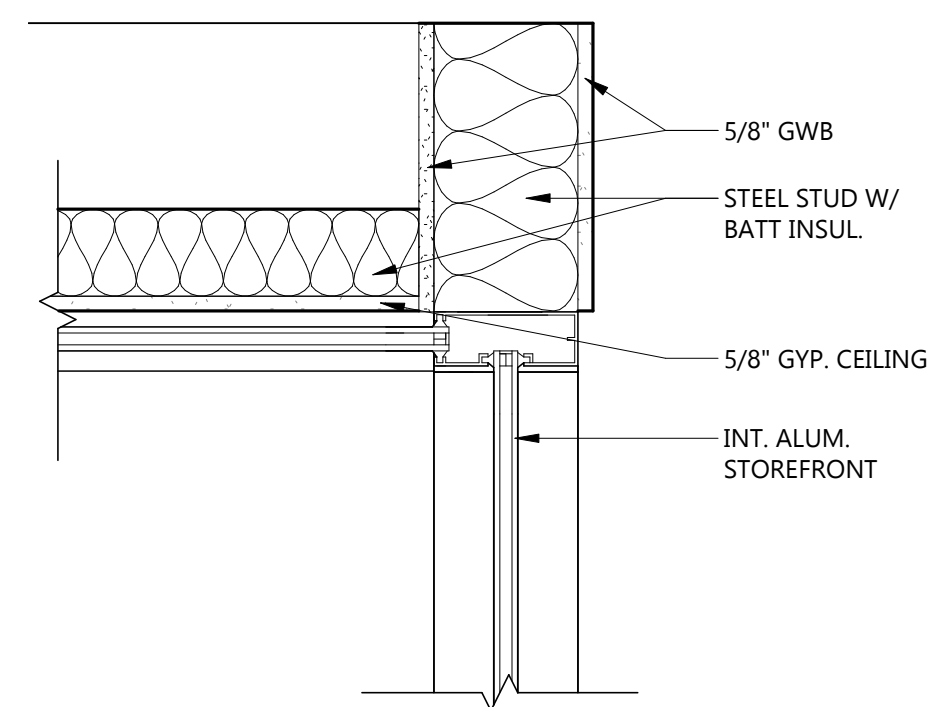
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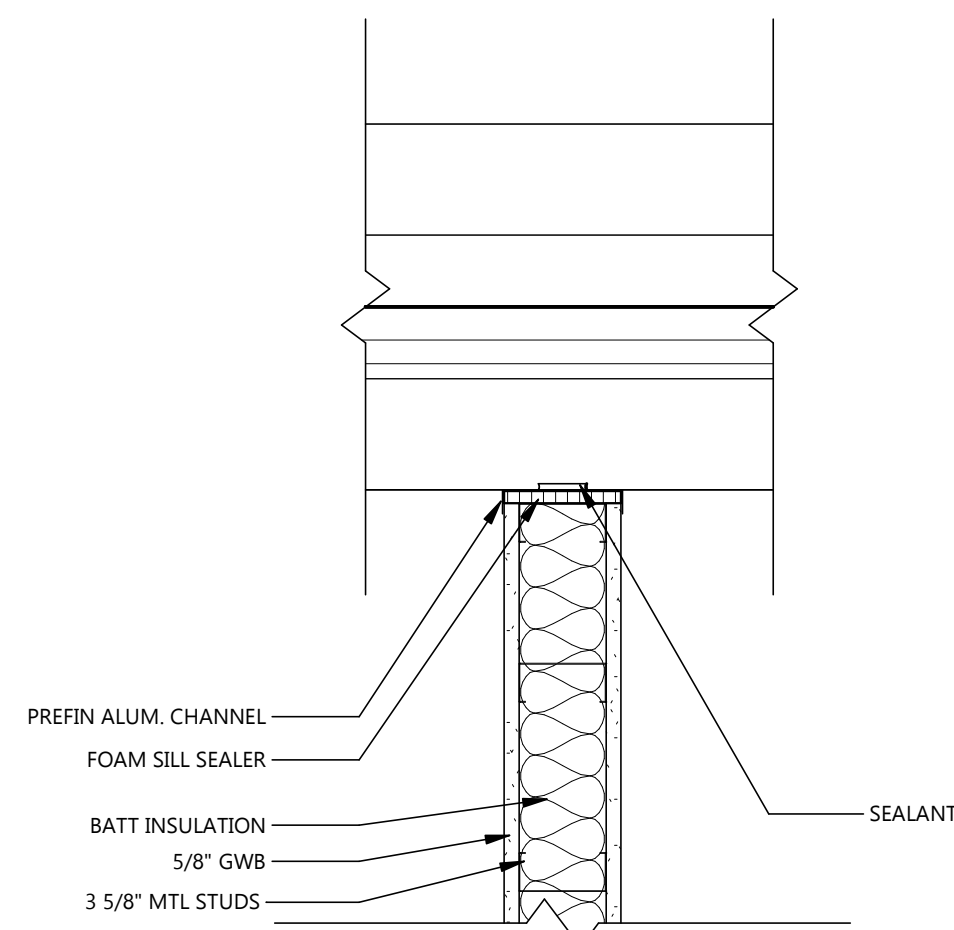
Date: 12/8/2024 REG. NO. 1718

DRAWING TITLE
DETAILS

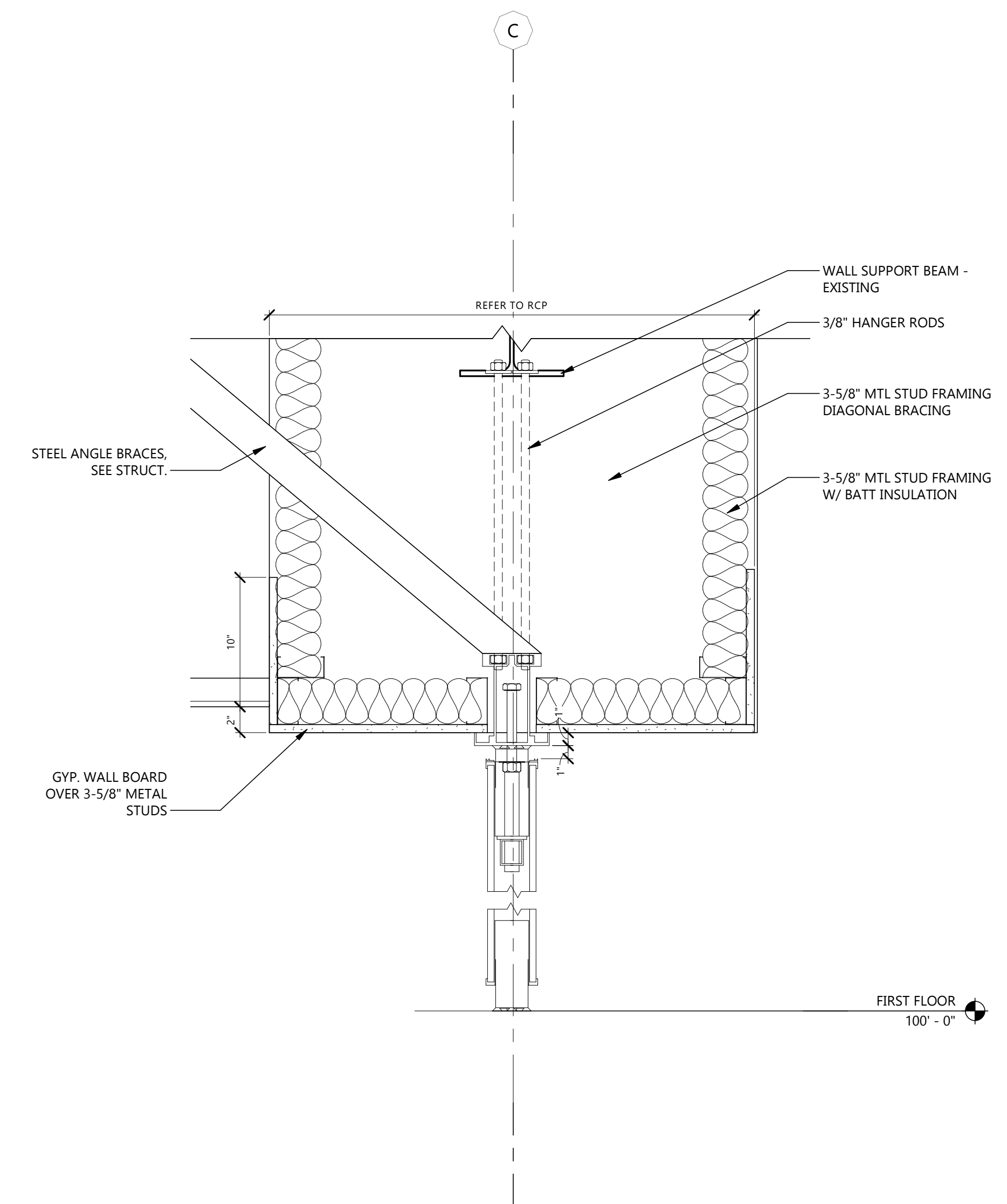
A602



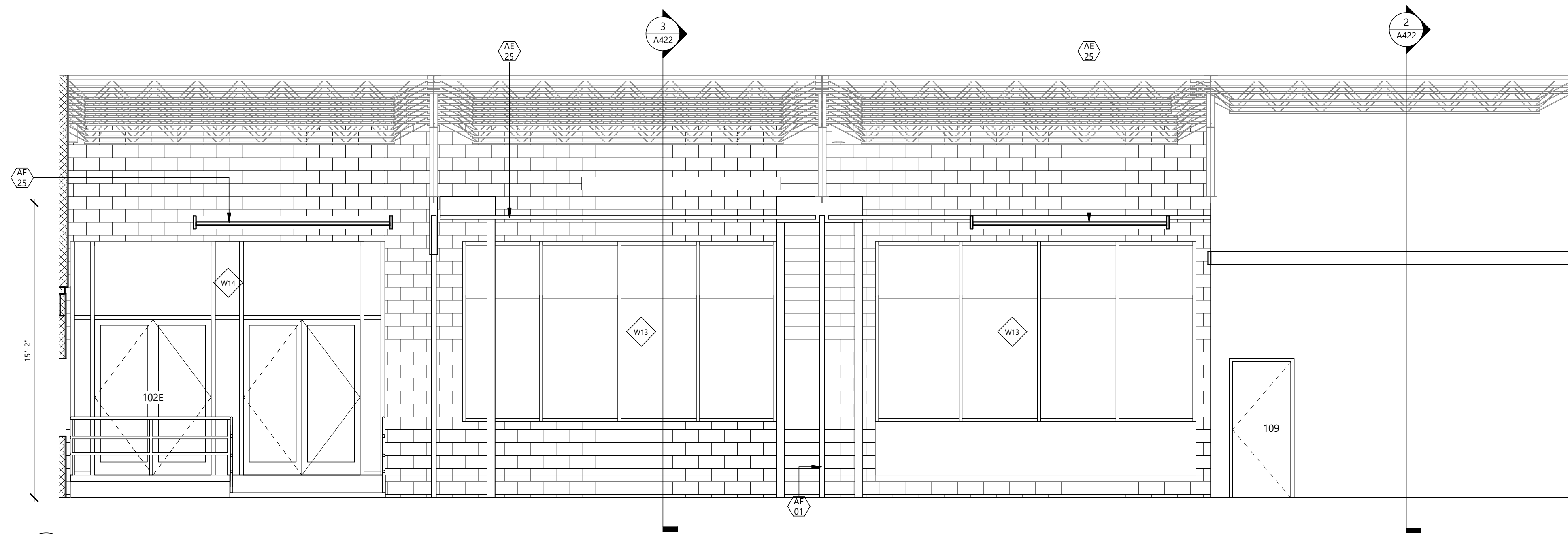
3 STOREFRONT VEST. DETAIL
A602 1 1/2" = 1'-0"



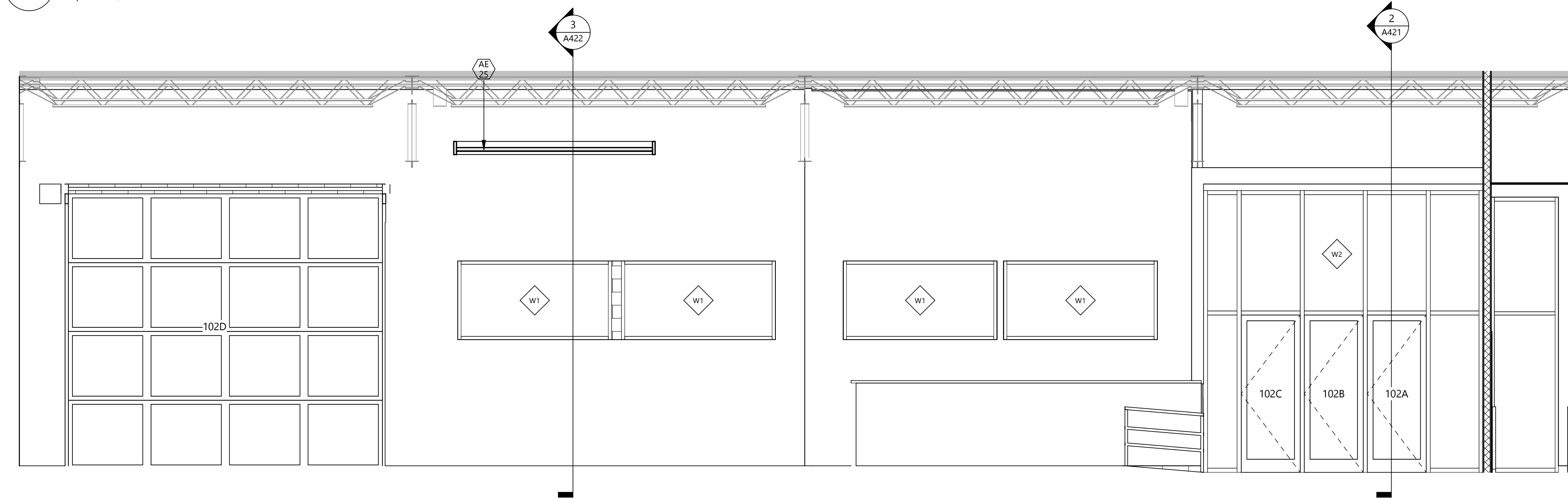
2 PLAN DETAIL @ INTERIOR PARTITION/STOREFRONT
A602 1 1/2" = 1'-0"



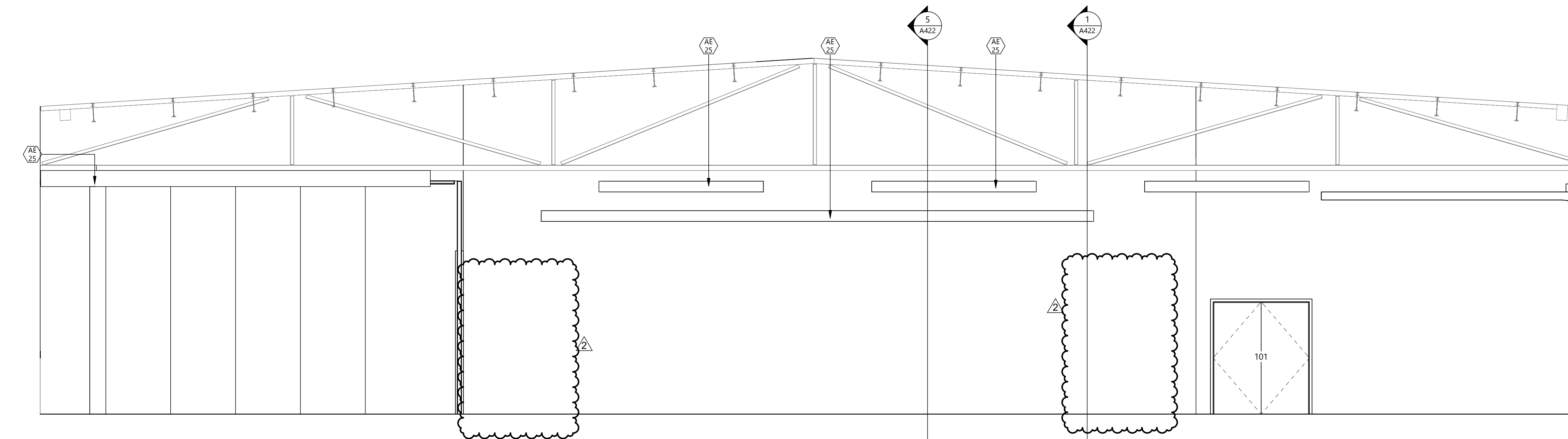
1 OPERABLE WALL SOFFIT
A602 1 1/2" = 1'-0"



3 EVENT CENTER - NORTH ELEVATION
A701 1/4" = 1'-0"



2 EVENT CENTER - SOUTH ELEVATION
A701 1/4" = 1'-0"



1 EVENT CENTER - EAST ELEVATION
A701 1/4" = 1'-0"

GENERAL NOTES
1. REFER TO SHEETS ID1.2-ID1.4 FOR FINISH DESIGNATIONS.

KEYNOTE LEGEND:
 ◊ << < INDICATES KEYNOTE ON PLAN
 AE 01 MOVABLE PARTITION WALLS
 AE 25 FLOATING ACT CEILING - 2X8 WOOD TRIM, SEE 3/ID2.1



Architecture Engineering
 Interior Design Industrial
 TELE 701.609.5290 FAX 701.609.5290*51
 313 Main Street, Suite 308, Williston ND 58901
 www.eapc.net

CLIENT
 SCULLY DESIGN BUILD,
 INC.

PROJECT DESCRIPTION
 GREAT NORTHERN

CITY WILLISTON
 STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
2	BID PACKAGE #3	12/18/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024

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 Date: 12/8/2024 REG. NO. 1718

DRAWING TITLE
 INTERIOR ELEVATIONS

A701

GENERAL NOTES
 1. REFER TO SHEETS ID1.2-ID1.4 FOR FINISH DESIGNATIONS.

KEYNOTE LEGEND:
 <<< INDICATES KEYNOTE ON PLAN
 AE 01 MOVABLE PARTITION WALLS
 AE 25 FLOATING ACT CEILING - 2X8 WOOD TRIM, SEE 3/ID2.1

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PROJECT DESCRIPTION
 GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024
MARK	DESCRIPTION	DATE

PROJECT NO: 20236130
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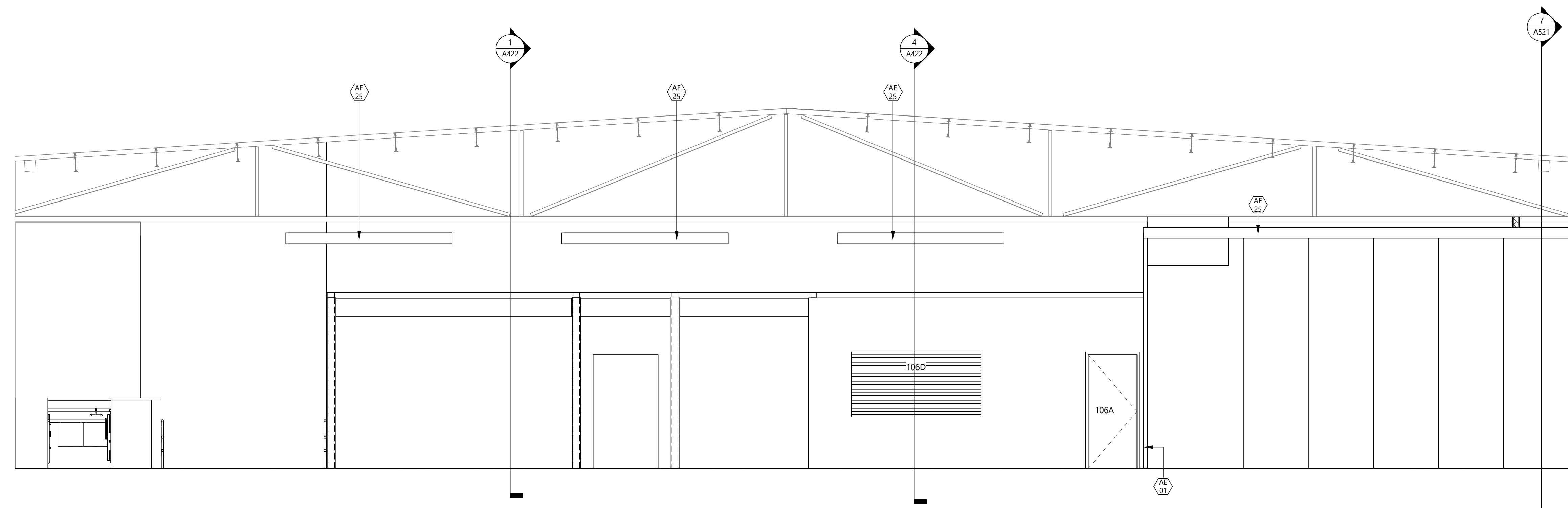
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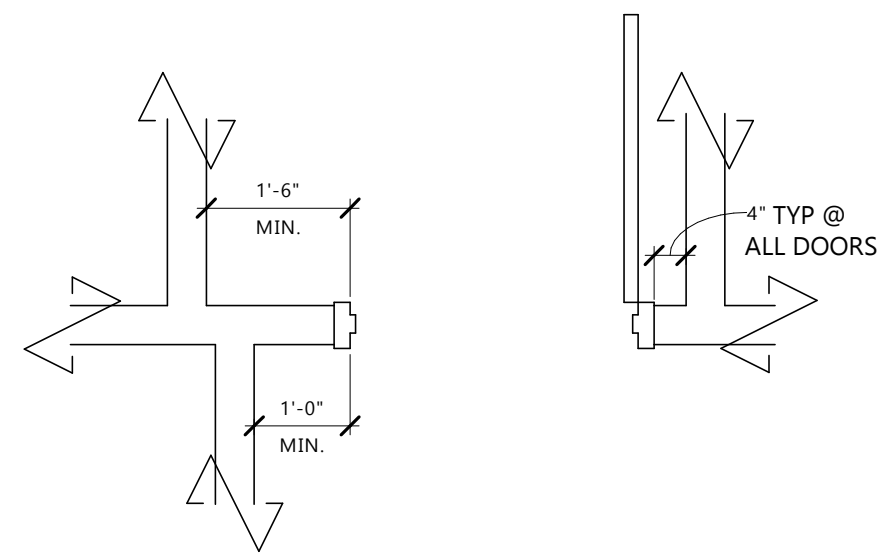
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 Date: 12/8/2024 REG. NO. 1718

DRAWING TITLE
 INTERIOR ELEVATIONS

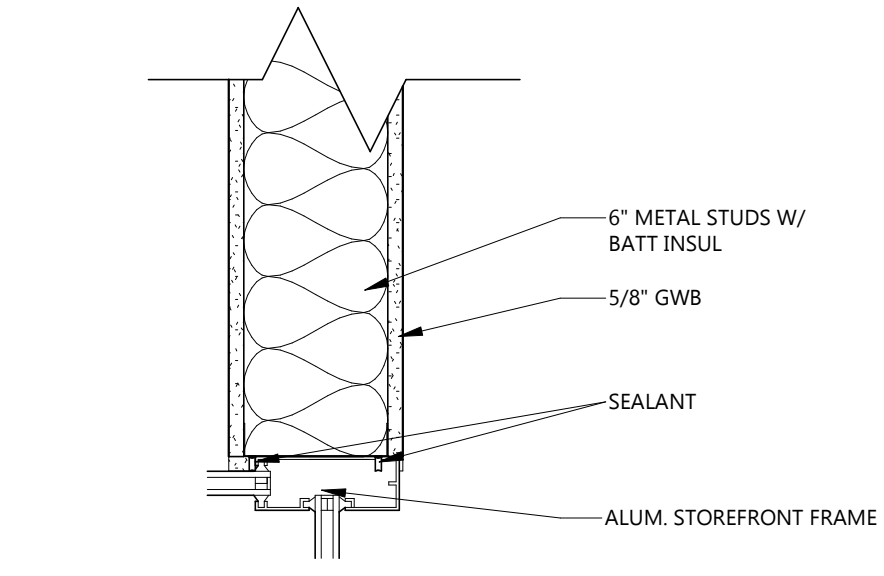
A702



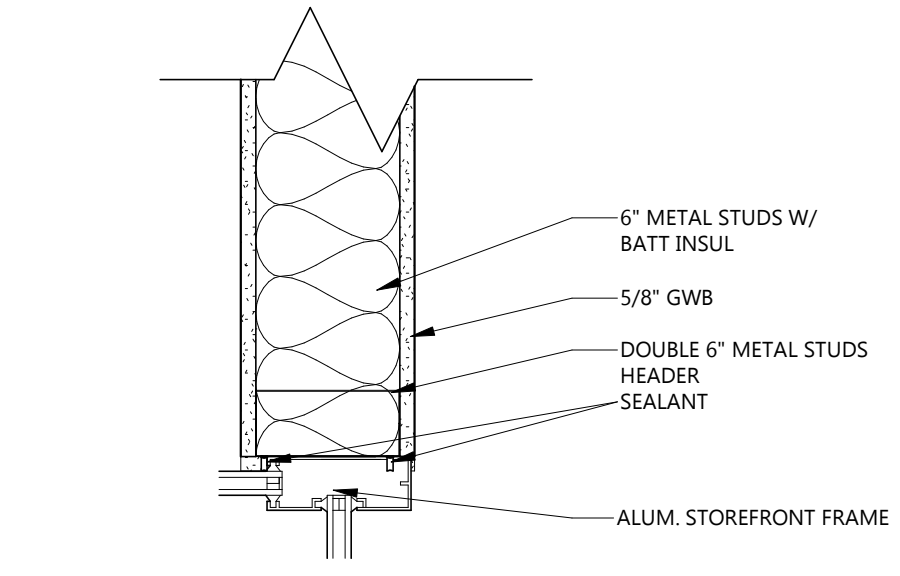
5 EVENT CENTER - WEST ELEVATION
 A702 1/4" = 1'-0"



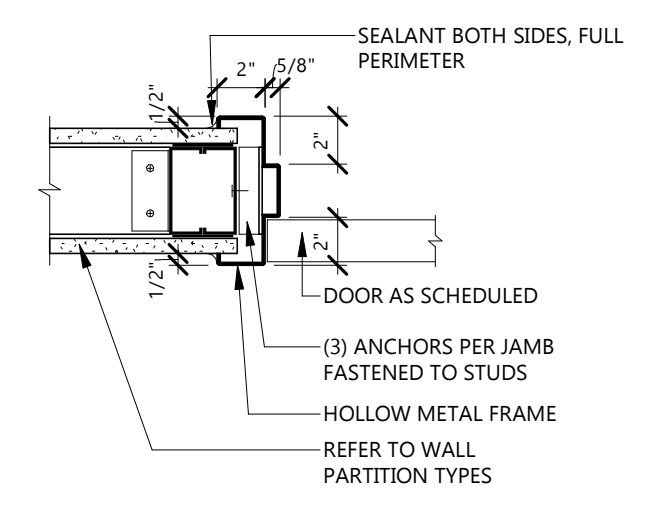
456 ADA DOOR CLEARANCES
A801 1/2" = 1'-0"



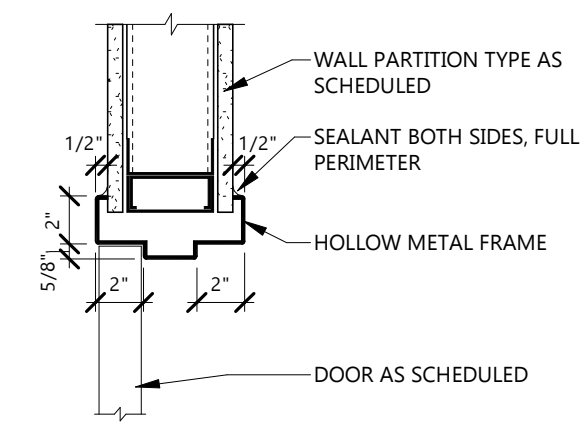
7 ALUM SF JAMB @ STUD WALL
A801 1 1/2" = 1'-0"



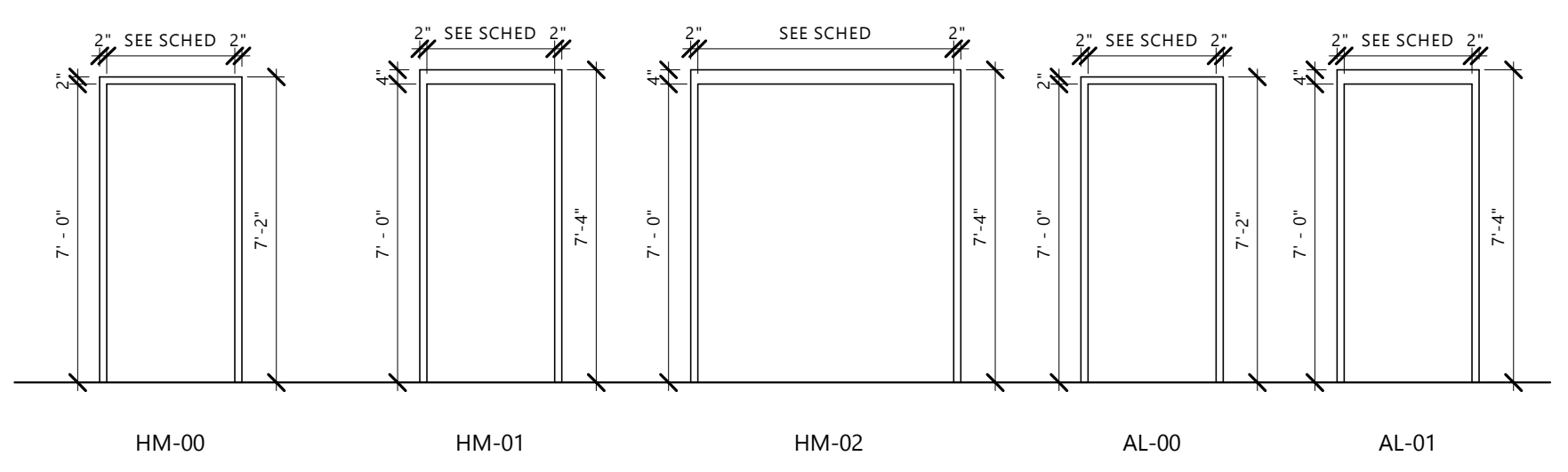
6 ALUM SF HEADER @ STUD WALL
A801 1 1/2" = 1'-0"



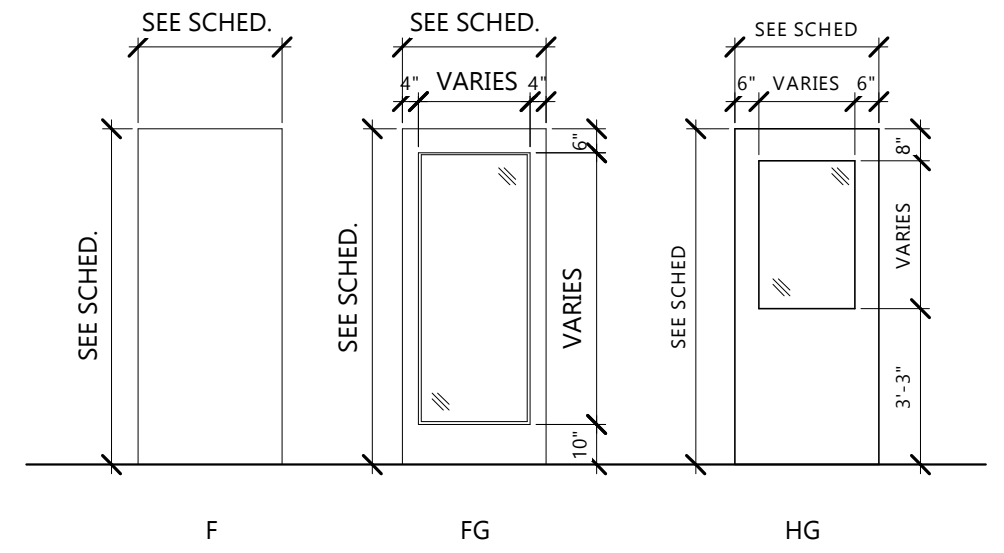
5 HM DOOR FRAME JAMB DETAIL @ STUD
A801 1 1/2" = 1'-0"



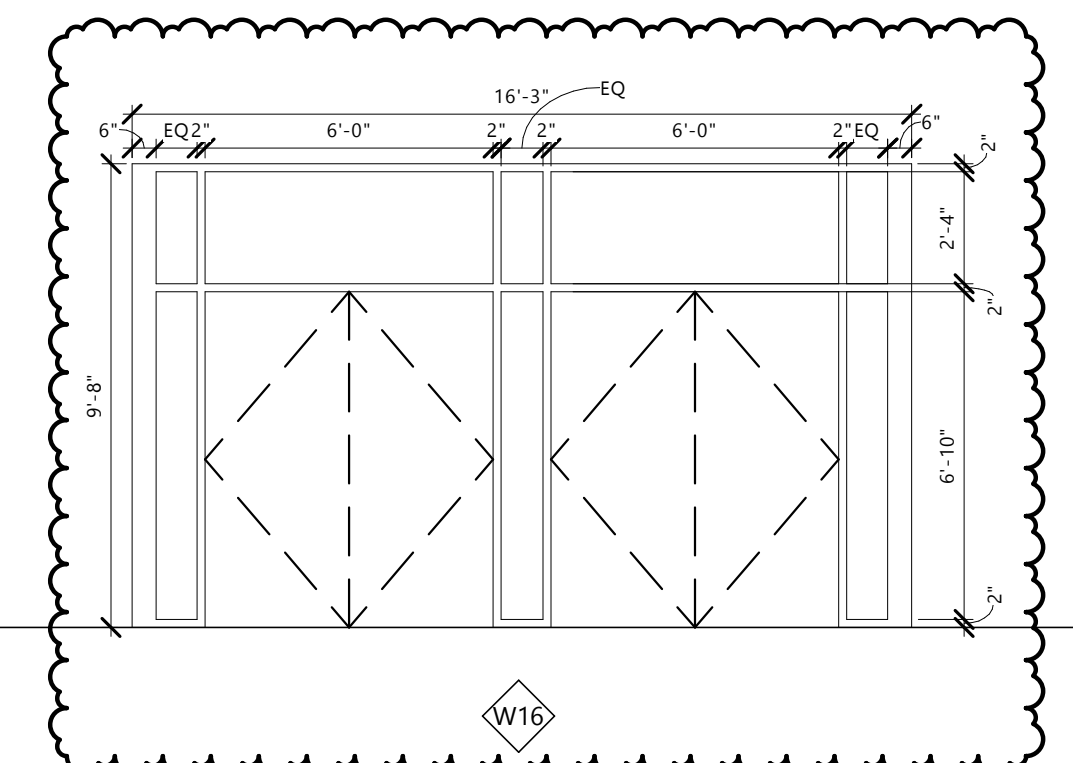
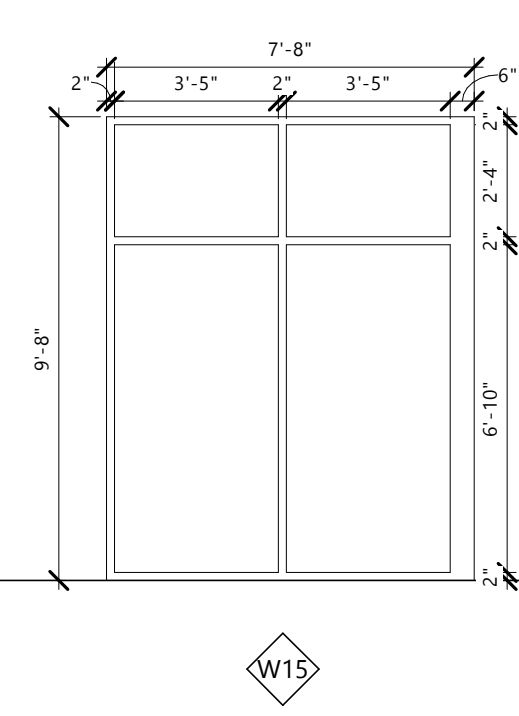
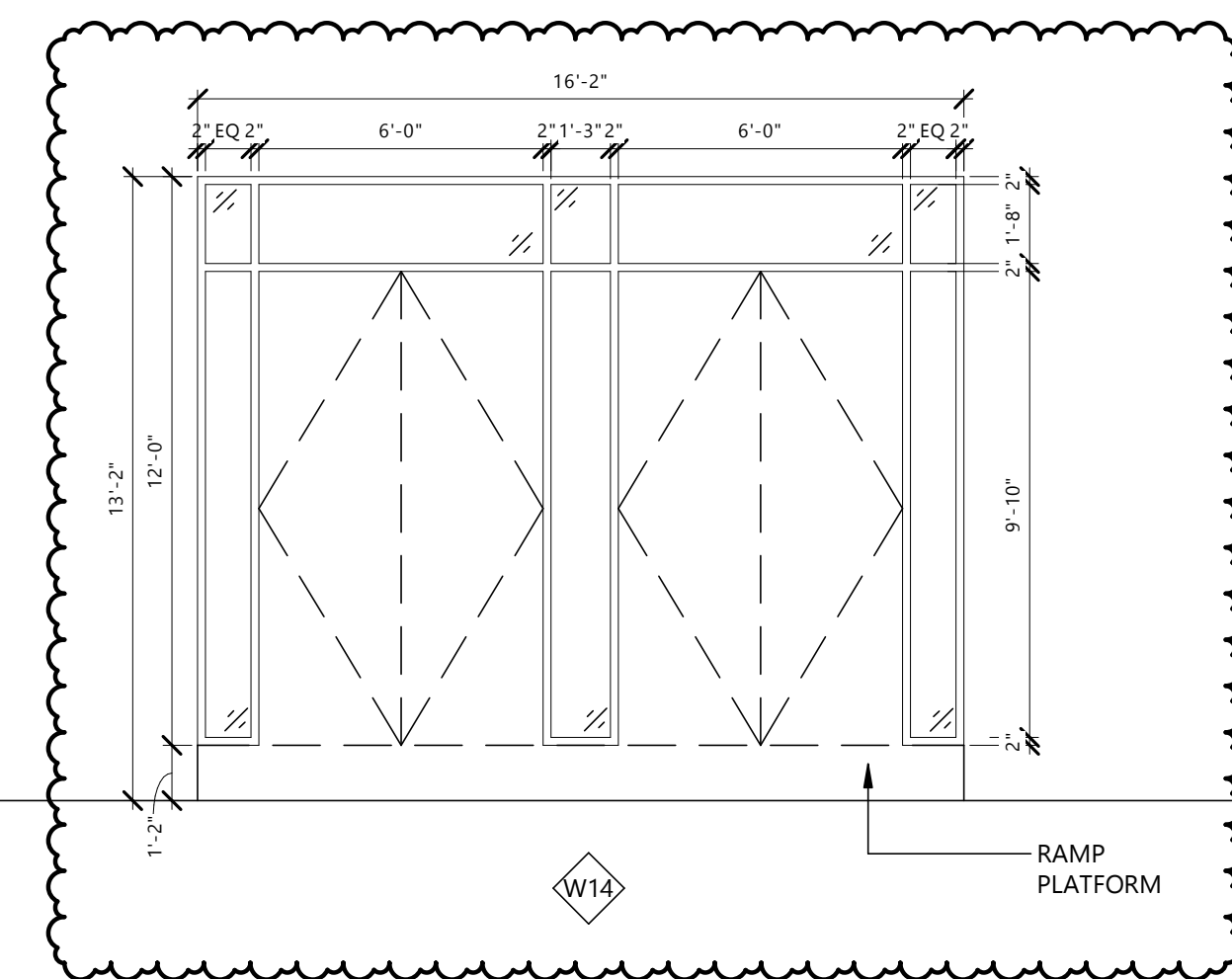
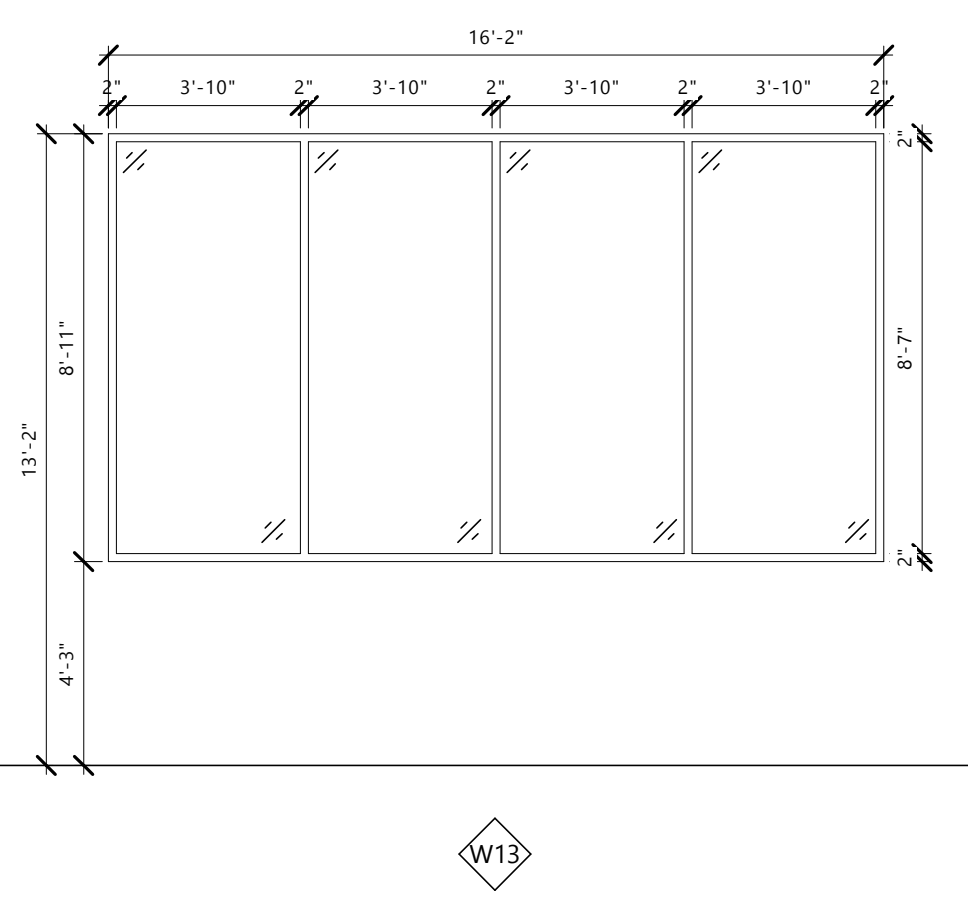
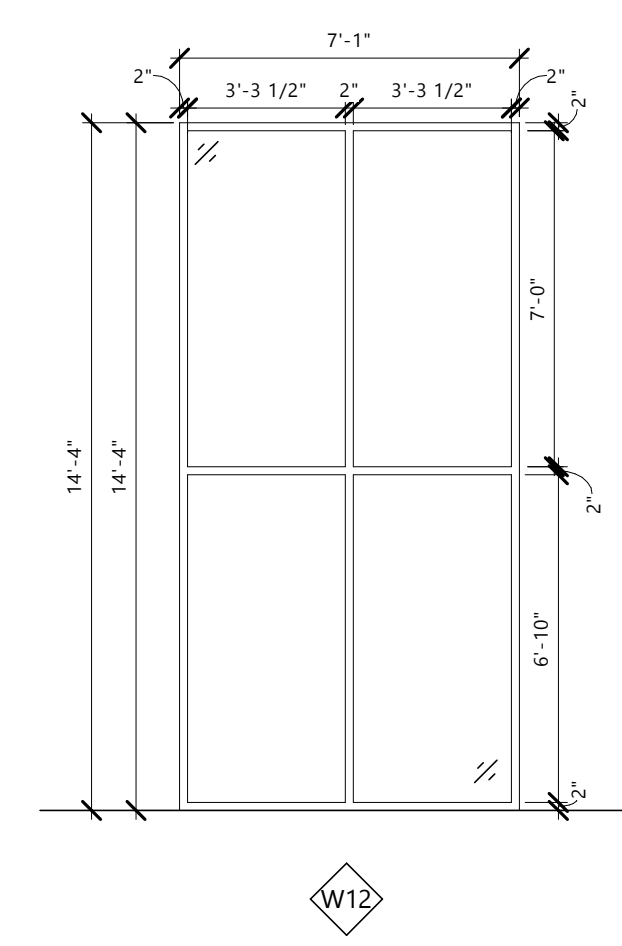
4 HM DOOR FRAME HEADER DETAIL @ STUD
A801 1 1/2" = 1'-0"



3 DOOR FRAME ELEVATIONS
A801 1/4" = 1'-0"



2 DOOR ELEVATIONS
A801 1/4" = 1'-0"



1 WINDOW ELEVATIONS
A801 1/4" = 1'-0"

DOOR NOTES
1. DOUBLE DOOR
2. ISSUED IN BID PACKAGE ONE, SEE SHEET A803

DR #	ROOM NAME	DOOR PANEL(S)			DOOR FRAME		DETAILS - SEE SHEET A801			FIRE RATING	HDWE GROUP	NOTES
		OPENING SIZE	MATL	TYPE	MATL	TYPE	HEAD	JAMB	SILL			
001A	VEST.	0'-0" x 0'-0"	GL	GL-01	AL	AL-01						
001B	CORRIDOR	3'-0" x 7'-0"	WD	F	HM	HM-00						
002	TOILET	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
003	STORAGE / MECHANICAL	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
004	TOILET	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
006	EVENT LOBBY	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
008	STORAGE	2'-8" x 7'-0"	HM	F	HM	HM-00	3/801	4/801				
009	STORAGE/ELEVATOR CONTROLS	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
100A	VEST.	3'-0" x 8'-0"	GL	GL-01	AL	AL-01						1,2
100B	VEST.	3'-0" x 8'-0"	GL	GL-01	AL	AL-01						
100C	VEST.	3'-0" x 8'-0"	GL	GL-01	AL	AL-01						
101	STORAGE	6'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				1
101A	FIRE RISER	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
102A	EVENT CENTER	3'-0" x 8'-0"	GL	GL-01	AL	AL-01						1
102B	EVENT CENTER	3'-0" x 8'-0"	GL	GL-01	AL	AL-01						
102C	EVENT CENTER	3'-0" x 8'-0"	GL	GL-01	AL	AL-01						
102D	EVENT CENTER	16'-0" x 14'-0"	MTL	OHS-SG	STL	STL	9/803	10/803				2
102E	EVENT CENTER	6'-0" x 8'-0"	GL	GL-01	AL	AL-01	5/801	6/801				1
102F	MARKET	6'-0" x 8'-0"	GL	GL	AL	AL-01						
103	WOMENS TOILET	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
105	MENS TOILET	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
106A	COMMERCIAL KITCHEN	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
106C	COMMERCIAL KITCHEN	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
106D	COMMERCIAL KITCHEN	8'-0" x 4'-0"	STL	OHCG	STL	OHC						
106E	COMMERCIAL KITCHEN	6'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				1
109	EVENT CENTER	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
109A	TLT	2'-8" x 7'-0"	HM	F	HM	HM-00	3/801	4/801				
110	ENTRY/CIRCULATION	3'-0" x 7'-0"	WD	F	HM	HM-00						
111	ENTRY/CIRCULATION	3'-6" x 7'-0"	GL	GL-01	AL	AL-01	5/803	4/803				2
112B	ENTRY/CIRCULATION	3'-0" x 7'-0"	GL	GL-01	AL	AL-01	5/801	6/801				
114	TOILET	3'-0" x 7'-0"	WD	F	HM	HM-00						
118	STAIR	3'-1" x 7'-0"	GL	GL-01	AL	AL-01	5/803	4/803				2
119	STAIR	3'-0" x 7'-0"	WD	F	HM	HM-00						
120	TOILET	3'-0" x 7'-0"	WD	F	HM	HM-00						
121	TOILET	3'-0" x 7'-0"	WD	F	HM	HM-00						
122A	MARKET	2'-11" x 7'-0"	GL	GL-01	AL	AL-01	5/803	7/803				2
122B	MARKET	16'-0" x 14'-0"	MTL	OHS-SG	STL	STL	9/803	10/803				2
122C	MARKET	16'-0" x 14'-0"	MTL	OHS-SG	STL	STL	9/803	10/803				2
123A	VESTIBULE	6'-0" x 7'-0"	GL	GL	AL	AL-01	5/803	4/803				1,2
123B	VESTIBULE	6'-0" x 7'-0"	GL	GL	AL	AL-01						
123C	MARKET	6'-0" x 7'-0"	GL	GL	AL	AL-01	5/801	6/801				1
123D	MARKET	6'-0" x 7'-0"	GL	GL	AL	AL-01						
132	TENANT	3'-0" x 7'-0"	WD	F	HM	HM-00						
202	TENANT	3'-0" x 7'-0"	WD	F	HM	HM-00	3/801	4/801				
203	MECHANICAL	3'-0" x 7'-0"	WD	F	HM	HM-00	8/803	7/803				

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

3	BID PACKAGE #3	12/18/2024
2	BP#2 - ADDENDUM 1	6/24/2024
1	BP#2	5/24/2024
CD	CONFORMED SET	6/21/2024
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Date: **12/8/2024** REG. NO. : **1718**

DRAWING TITLE
DOOR SCHEDULE, DOOR AND WINDOW ELEVATIONS

A801

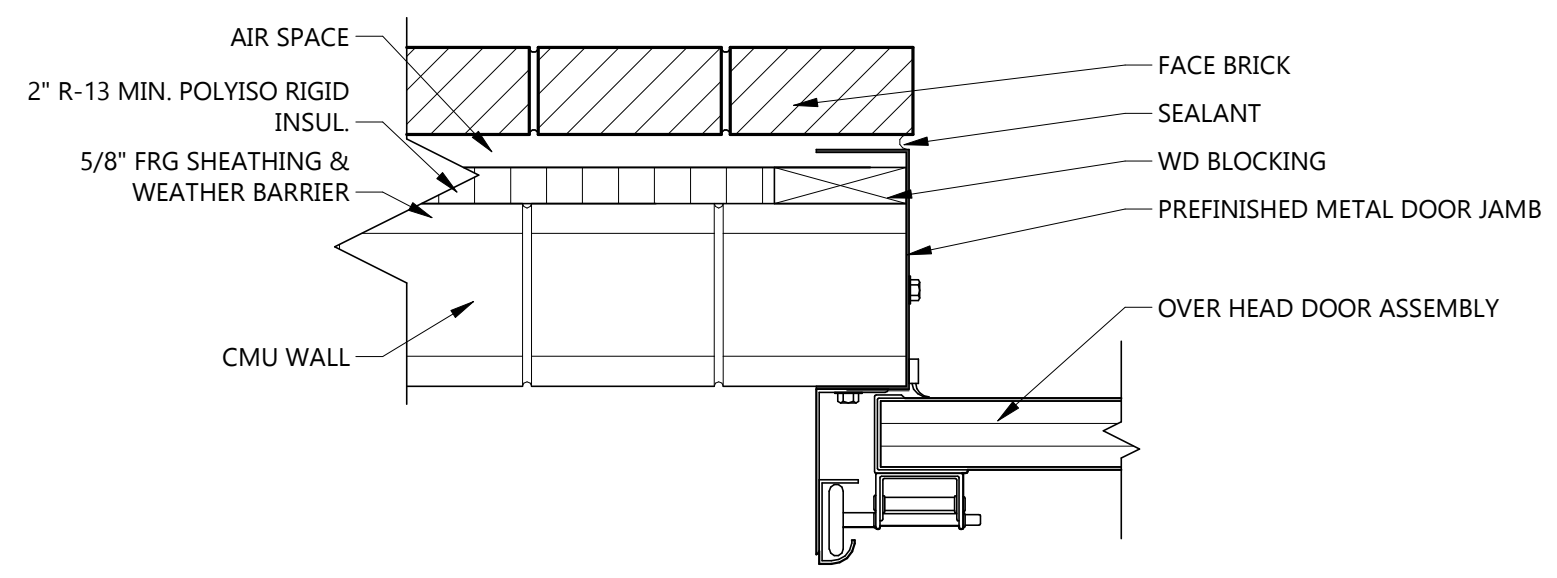
WINDOW NOTES

- ALL EVENT CENTER WINDOWS TO BE MEASURED FROM NEW FINISH FLOOR ELEVATION AFTER 4" OF CONCRETE HAS BEEN ADDED.
- FIELD VERIFY ALL EXISTING EXTERIOR WINDOW AND DOOR OPENINGS.

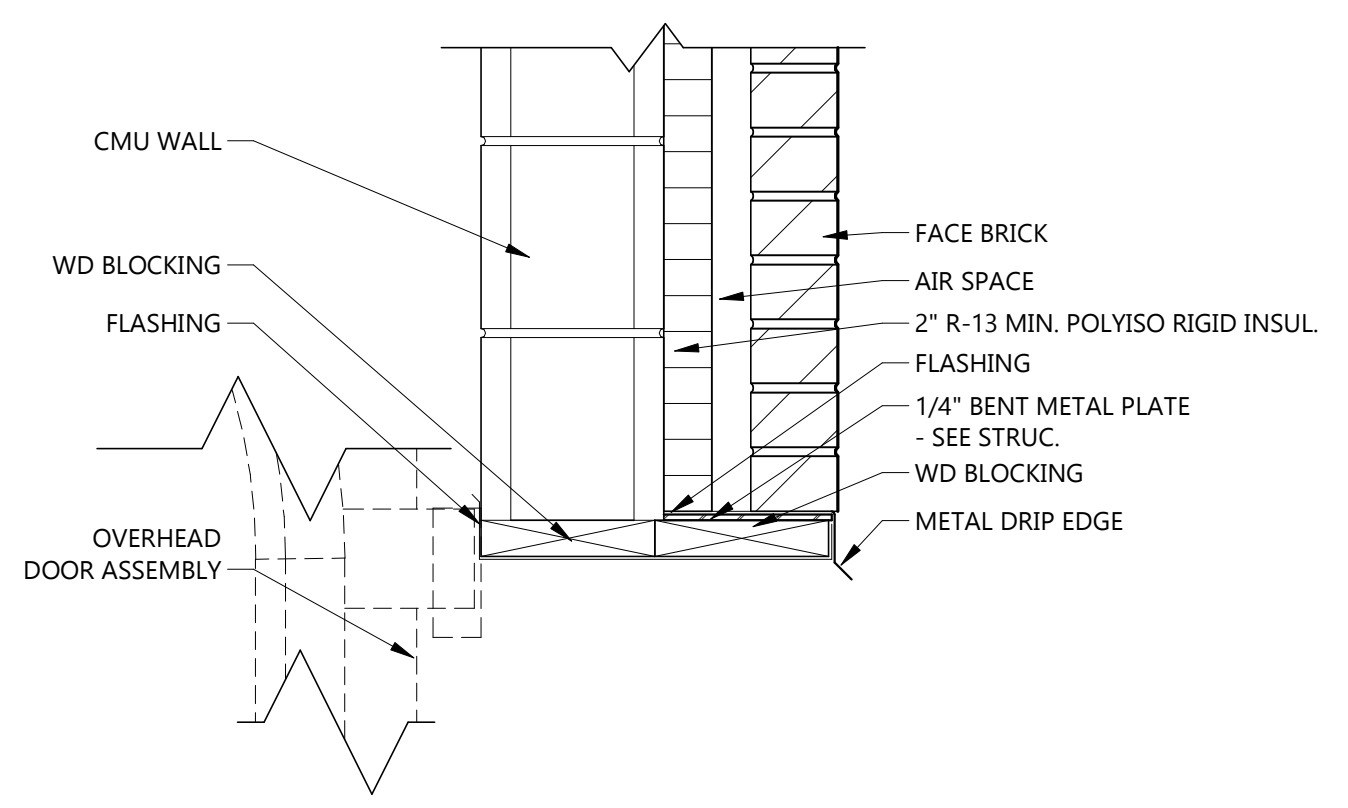
Notes:

- GLAZING TO BE ACOUSTICALLY SEALED IN DOORS
- MUST MEET A STC OF AT LEAST 42 OR GREATER FOR ALL DOORS
- MUST MEET A STC OF AT LEAST 35 FOR ALL GLAZING

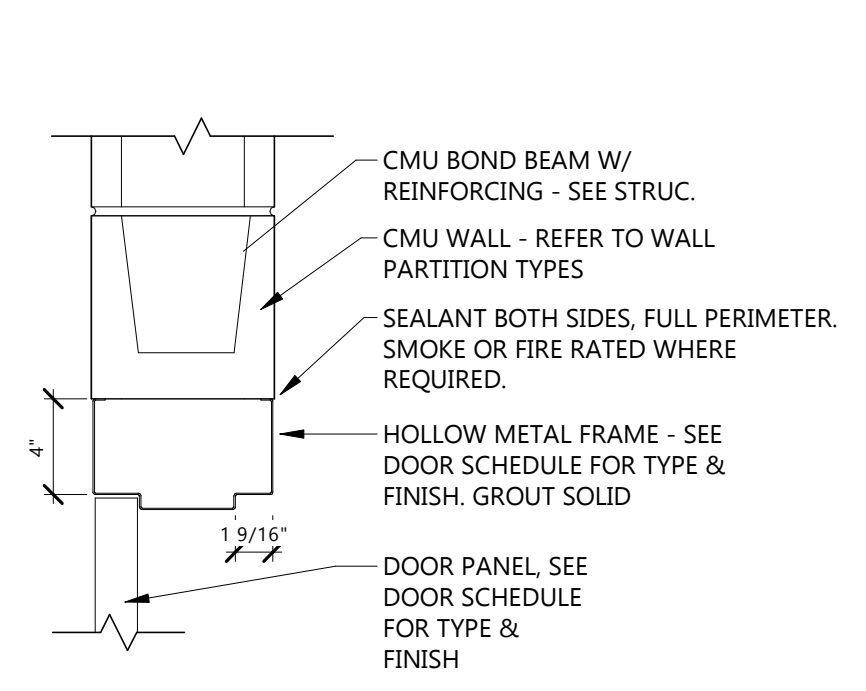
DR#	ROOM NAME	DOOR PANEL(S)		DOOR FRAME		DETAILS		FIRE RATING	HDWE GROUP	NOTES
		OPENING SIZE	MATL	TYPE	MATERIAL	HEAD	JAMB			
100A	VESTIBULE	3'-0" X 8'-0"	AL	FG	AL	5/803	4/803	-	-	STC 42
100B	VESTIBULE	3'-0" X 8'-0"	AL	FG	AL	5/803	4/803	-	-	STC 42
100C	VESTIBULE	3'-0" X 8'-0"	AL	FG	AL	5/803	4/803	-	-	STC 42
102C	EVENT CENTER	16'-0" X 14'-0" (OVERHEAD)	MTL	OHS-SG	STL	9/803	10/803	-	-	
111	ENTRY/CIRCULATION	3'-5" X 7'-0"	AL	FG	AL	5/803	4/803	-	-	STC 42
112A	STAIR	3'-0" X 7'-0"	AL	FG	AL	5/803	4/803	-	-	STC 42
118	STAIR	3'-0" X 7'-0"	AL	FG	AL	5/803	4/803	-	-	STC 42
122A	MARKET	3'-0" X 7'-0"	AL	FG	AL	5/803	4/803	-	-	STC 42
122B	MARKET	16'-0" X 14'-0" (OVERHEAD)	MTL	OHS-SG	STL	9/803	10/803	-	-	
122C	MARKET	16'-0" X 14'-0" (OVERHEAD)	MTL	OHS-SG	STL	9/803	10/803	-	-	
123A	VESTIBULE	6'-0" X 7'-0" (DOUBLE)	AL	FG	AL	5/803	4/803	-	-	STC 42
123B	VESTIBULE	6'-0" X 7'-0" (DOUBLE)	AL	FG	AL	5/803	4/803	-	-	STC 42



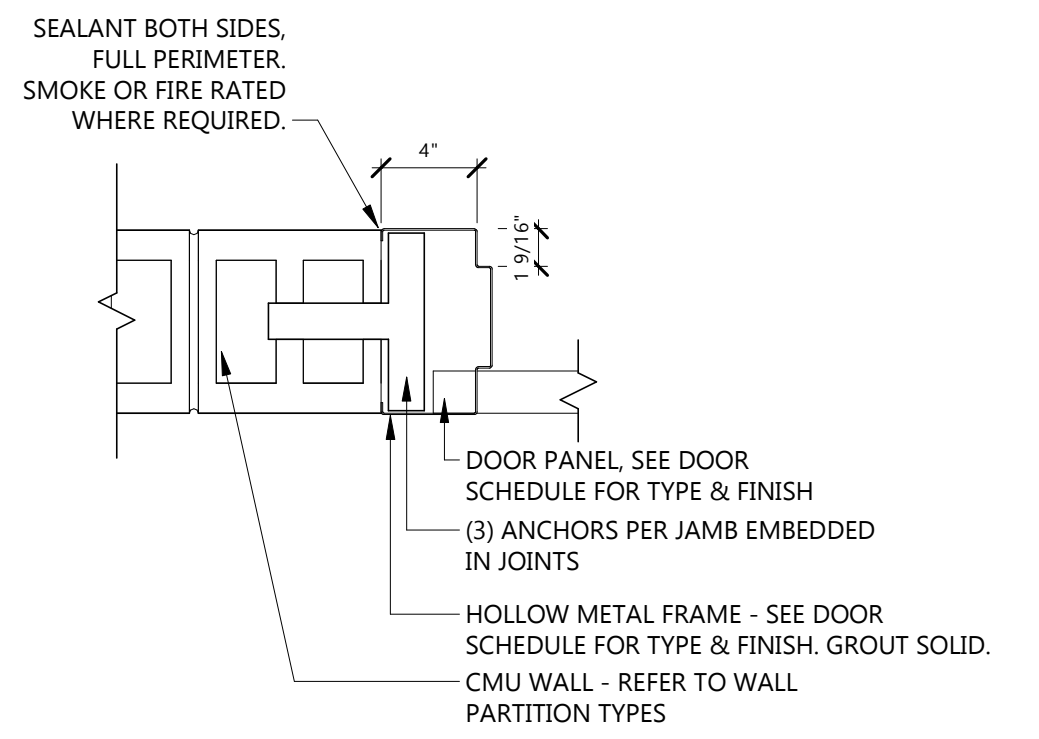
10 OH DOOR JAMB @ BRICK
A803 1 1/2" = 1'-0"



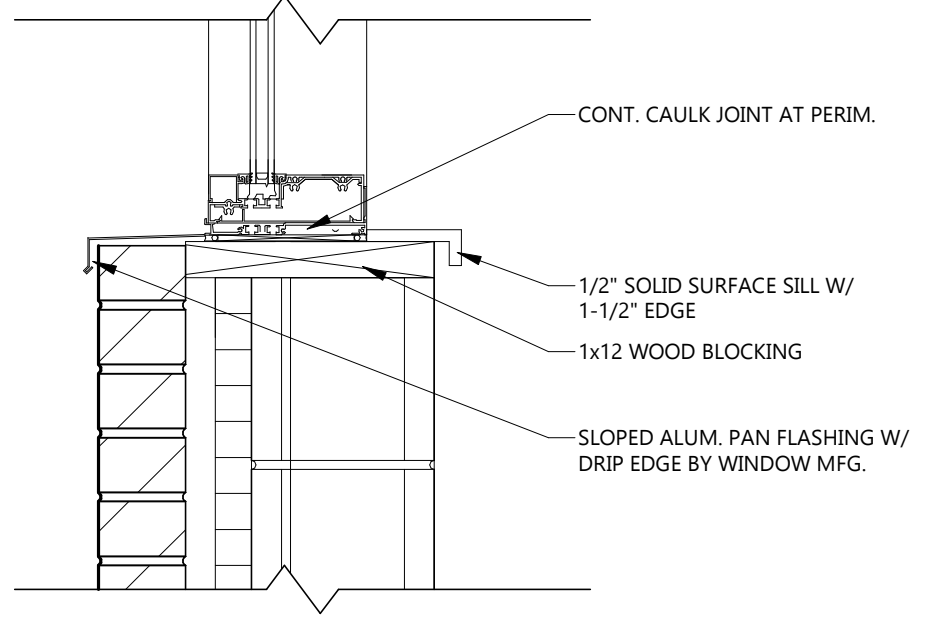
9 OH DOOR HEAD @ BRICK
A803 1 1/2" = 1'-0"



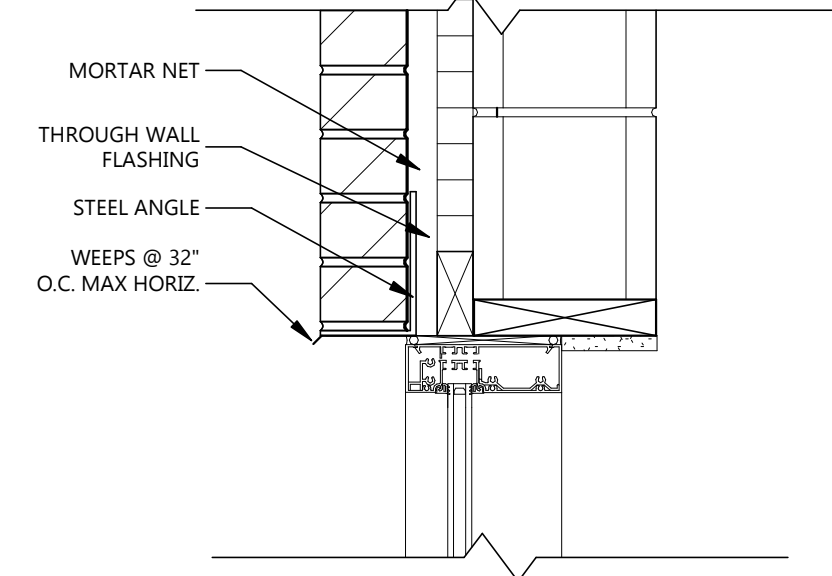
8 HM DOOR FRAME HEADER DETAIL @ CMU
A803 1 1/2" = 1'-0"



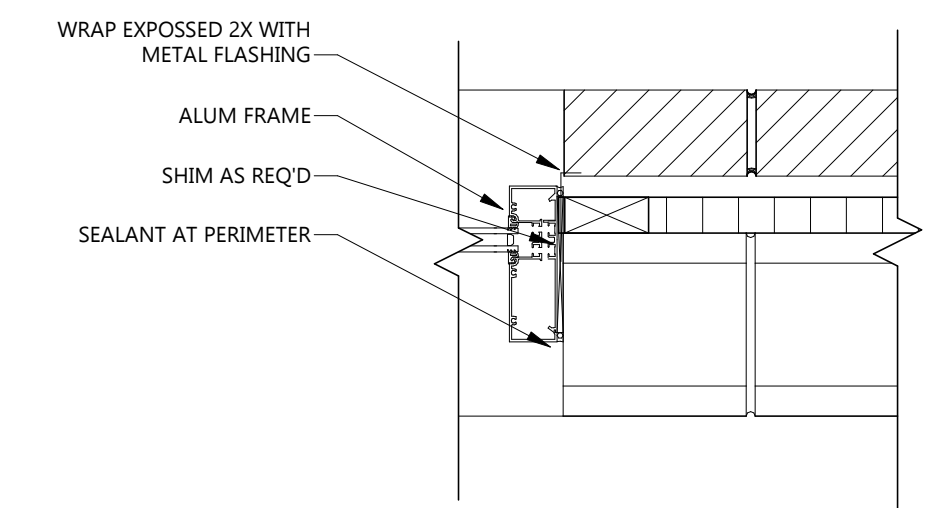
7 HM DOOR FRAME JAMB DETAIL @ CMU
A803 1 1/2" = 1'-0"



6 ALUM WINDOW SILL @ BRICK
A803 1 1/2" = 1'-0"



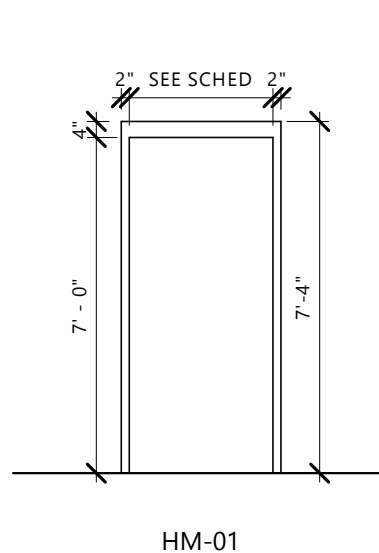
5 ALUM WINDOW HEADER @ BRICK
A803 1 1/2" = 1'-0"



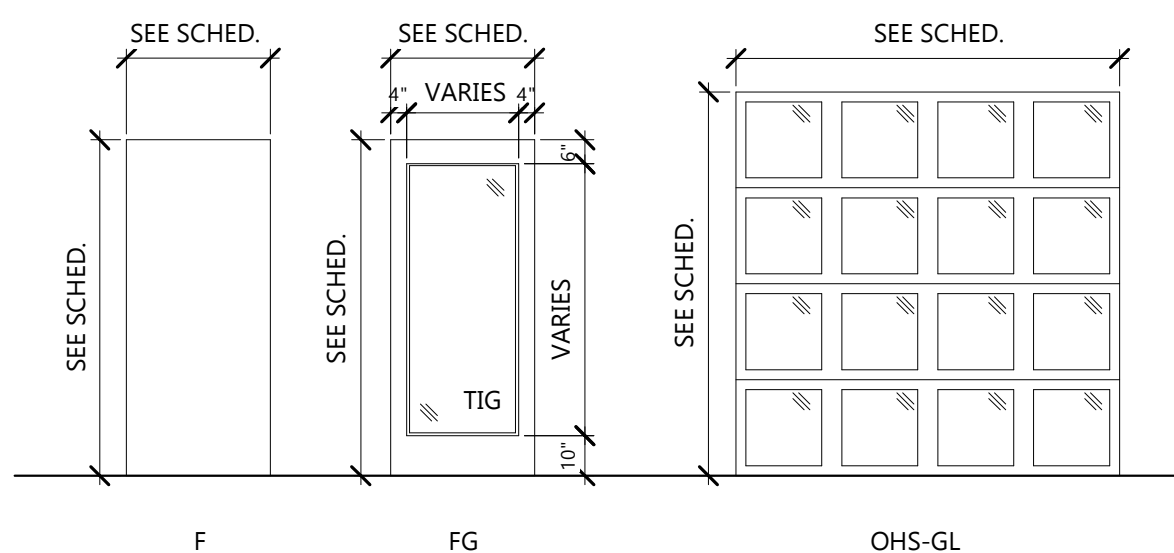
4 ALUM WINDOW JAMB @ BRICK
A803 1 1/2" = 1'-0"

GLAZING LEGEND

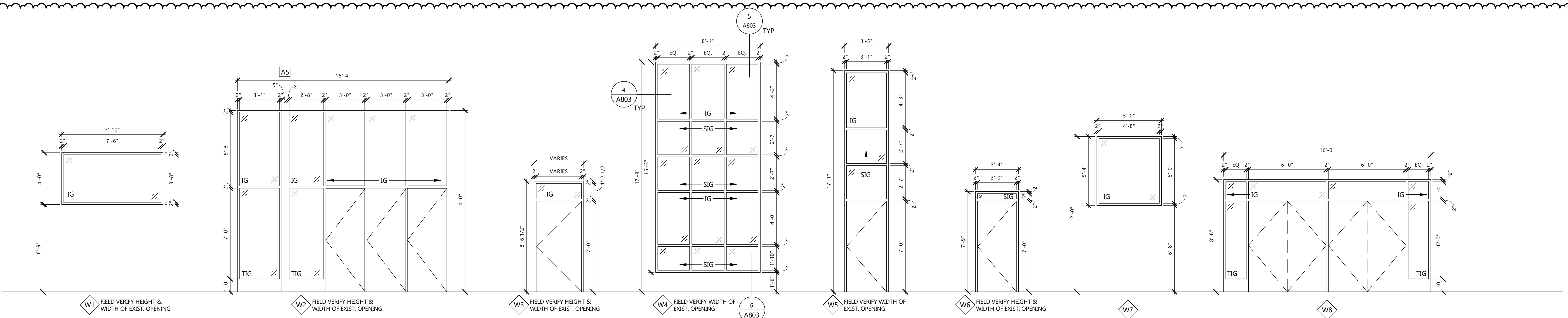
IG - 1" INSULATED GLASS
TIG - 1" TEMPERED INSULATED GLASS
FIG - 1" INSULATED SPANDREL GLASS



3 EXTERIOR DOOR FRAME ELEVATIONS
A803 1/4" = 1'-0"



2 EXTERIOR DOOR ELEVATIONS
A803 1/4" = 1'-0"



1 EXTERIOR WINDOW ELEVATIONS
A803 1/4" = 1'-0"

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
3	BID PACKAGE #3	12/18/2024
2	BP#1 - ADDENDUM 1	6/24/2024
1	BP#1	4/26/2024
CD	CONFORMED SET	6/21/2024

PROJECT NO: **20236130**
DRAWN BY: **EK**
CHECKED BY: **BD**

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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Architect under the laws of the State of North Dakota.
Signature: *[Signature]*
Date: **12/8/2024** REG. NO. **1718**

DRAWING TITLE
EXTERIOR DOOR & WINDOW ELEVATIONS, DOOR SCHEDULE, & DETAILS

A803

GENERAL NOTES

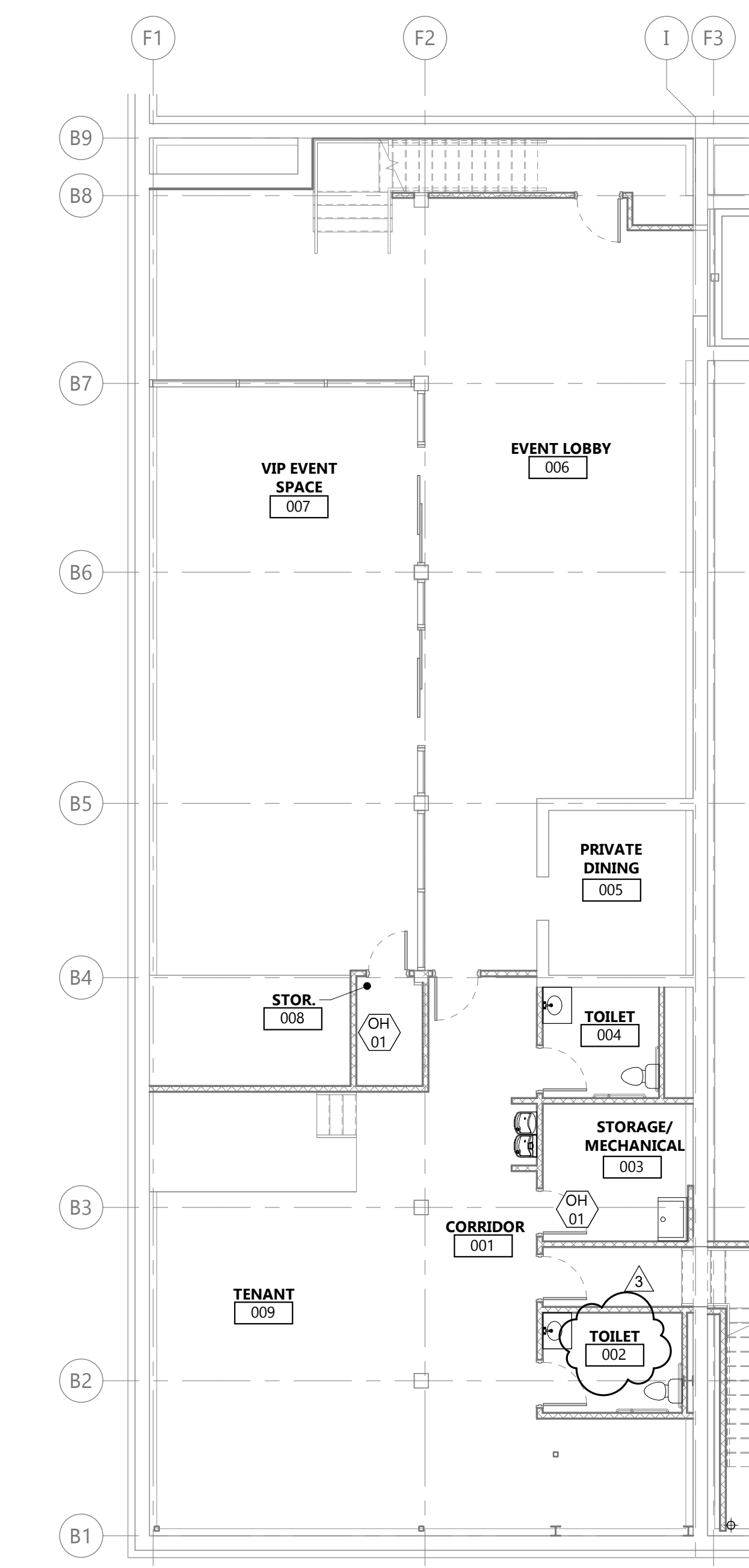
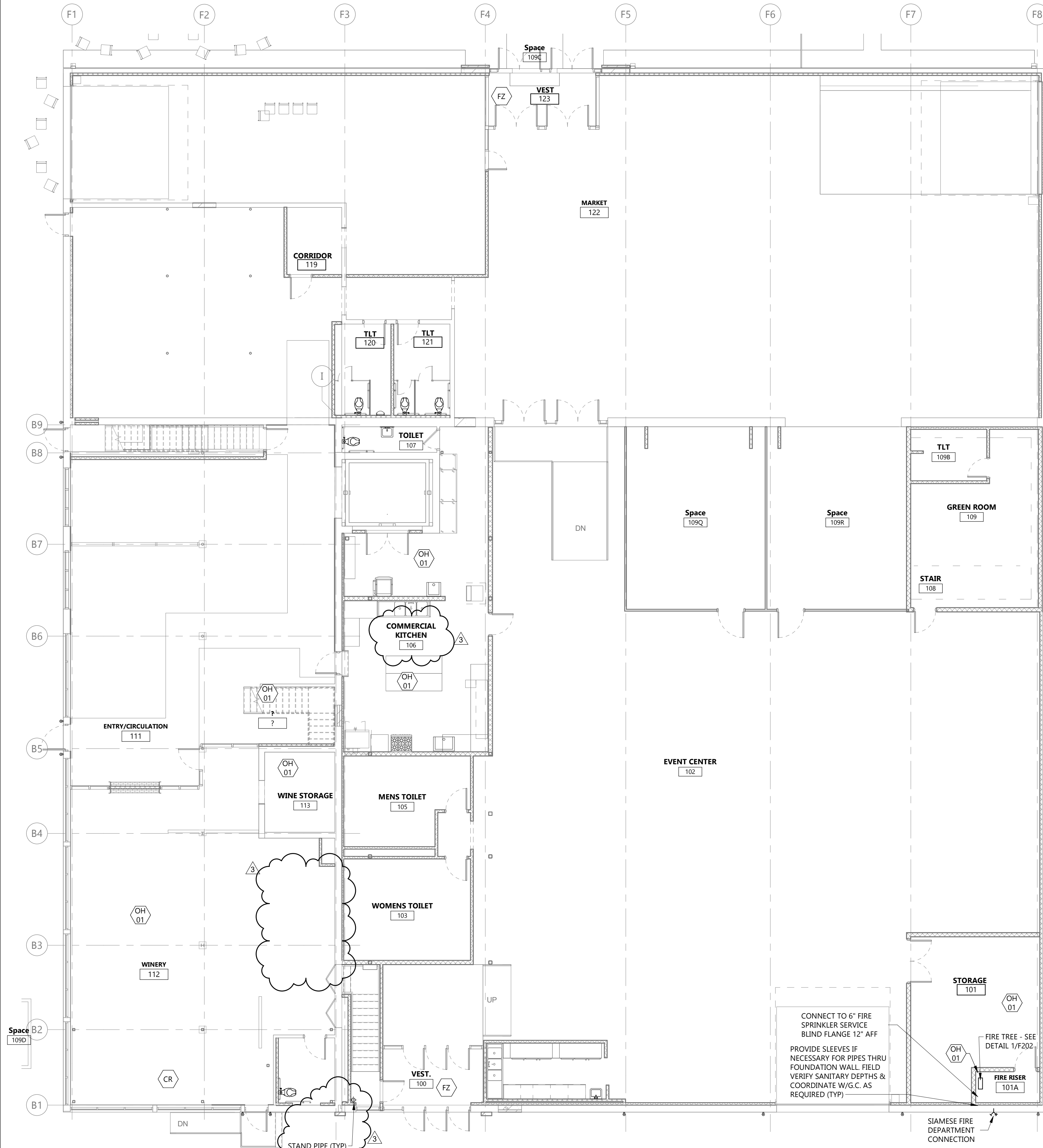
1. SPRINKLERS PENETRATING FIRE WALLS SHALL BE SEALED WITH FIRE CAULKING.
2. ONLY NEW SPRINKLERS SHALL BE EMPLOYED IN THE INSTALLATION OF THE SPRINKLER SYSTEM. SPRINKLER HEADS TO BE CENTERED IN CEILING TILE.
3. THE SYSTEM SHALL ONLY EMPLOY THE USE OF APPROVED MATERIALS AND DEVICES.
4. SPRINKLER PLANS SHALL BE APPROVED PRIOR TO THE INSTALLATION OF ANY PIPE. A SET OF APPROVED PLANS SHALL BE MAINTAINED AT ALL TIMES ON THE JOBSITE.
5. AN APPOINTMENT SHALL BE MADE A MINIMUM OF TWO WORKING DAYS IN ADVANCE WITH THE APPROPRIATE FIRE PREVENTION OFFICE FOR ALL INSPECTIONS AND TESTS.
6. ALL SYSTEM PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS OR AT 50 PSI ABOVE STATIC PRESSURE IN EXCESS OF 150 PSI.
7. FIRE DEPARTMENT CONNECTIONS SHALL BE VISIBLE, ACCESSIBLE, HAVE NST FEMALE OUTLETS, HAVE PROTECTIVE CAPS, AND AN APPROVED CHECK VALVE LOCATED IN THE MAIN LINE (AS CLOSE TO THE FIRE DEPARTMENT CONNECTION AS POSSIBLE) FOR COMMERCIAL SYSTEMS ONLY.
8. ALL VALVES SHALL HAVE A PERMANENTLY AFFIXED SIGN INDICATING ITS FUNCTION.
9. A STOCK OF SPARE SPRINKLERS OF EACH STYLE, TYPE, AND TEMPERATURE RATING ALONG WITH A SPRINKLER WRENCH SHALL BE LOCATED AT THE SPRINKLER RISER.
10. ANY PORTION OF THIS SPRINKLER SYSTEM WHICH IS EXPOSED TO FREEZING SHALL BE ADEQUATELY PROTECTED AGAINST THIS EXPOSURE.

GENERAL NOTES CONTINUED

11. FITTINGS TO BE CAST IRON OR DUCTILE.
12. THREADS TO MEET ANSI/ASME STANDARDS. OR PIPING 1 1/2" & LARGER.
13. ALL MATERIALS AND INSTALLATION TO CONFORM WITH NFPA #13 STANDARDS.
14. COORDINATE BETWEEN MECHANICAL AND ELECTRICAL LAYOUTS.
15. ADD SPRINKLERS UNDER ALL DUCTWORK OVER 48" WHEN STRUCTURE IS EXPOSED.
16. THE SPRINKLER CONTRACTOR WILL SUPPLY THE OWNER WITH THE NECESSARY INSTRUCTION MANUALS FOR THE UPKEEP OF THE SYSTEM.
17. SPRINKLER PLAN TO MEET ALL STATE AND LOCAL BUILDING CODES. A SET OF FIRE PROTECTION PLANS ARE TO BE SUBMITTED TO THE STATE FIRE MARSHALS OFFICE OR ANY OTHER GOVERNING BODIES FOR REVIEW. SPRINKLER PLANS NEED APPROVAL PRIOR TO INSTALLATION OF ANY PIPING.
18. SPRINKLER SYSTEM LAYOUT IS GENERAL & DIAGRAMMATIC. ADDITIONAL HEADS AND/OR PIPING NEEDED TO CONFORM WITH NFPA SHALL BE PROVIDED BY THE FIRE SPRINKLER CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER.
19. SPRINKLER PIPING
 - A. SCHEDULE 40: ASTM A53, UL LISTED, FM APPROVED FOR 1" PIPING.
 - B. SCHEDULE 10: ASTM A135, UL LISTED, FM APPROVED FOR PIPING 1 1/2" & LARGER.
20. ADD SIDEWALL SPRINKLER HEADS TO PROVIDE COVERAGE UNDER OPEN GARAGE DOOR AS REQUIRED.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- ALL AREAS ARE LIGHT HAZARD UNLESS OTHERWISE NOTED.
- OH 01 ORDINARY HAZARD GROUP 1
- CR PROVIDE CORROSION RESISTANT PIPING & HEADS REFER TO SPECIFICATIONS
- FZ PROVIDE DRY PENDANT SPRINKLERS TO PROTECT FROM FREEZING



1 FIRST FLOOR FIRE PROTECTION PLAN
F201
1/8" = 1'-0"

2 BASEMENT FLOOR FIRE PROTECTION PLAN
F201
1/8" = 1'-0"

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
3	BP #3	12/18/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/24

PROJECT NO: **20236130**
DRAWN BY: **LS**
CHECKED BY: **JH**

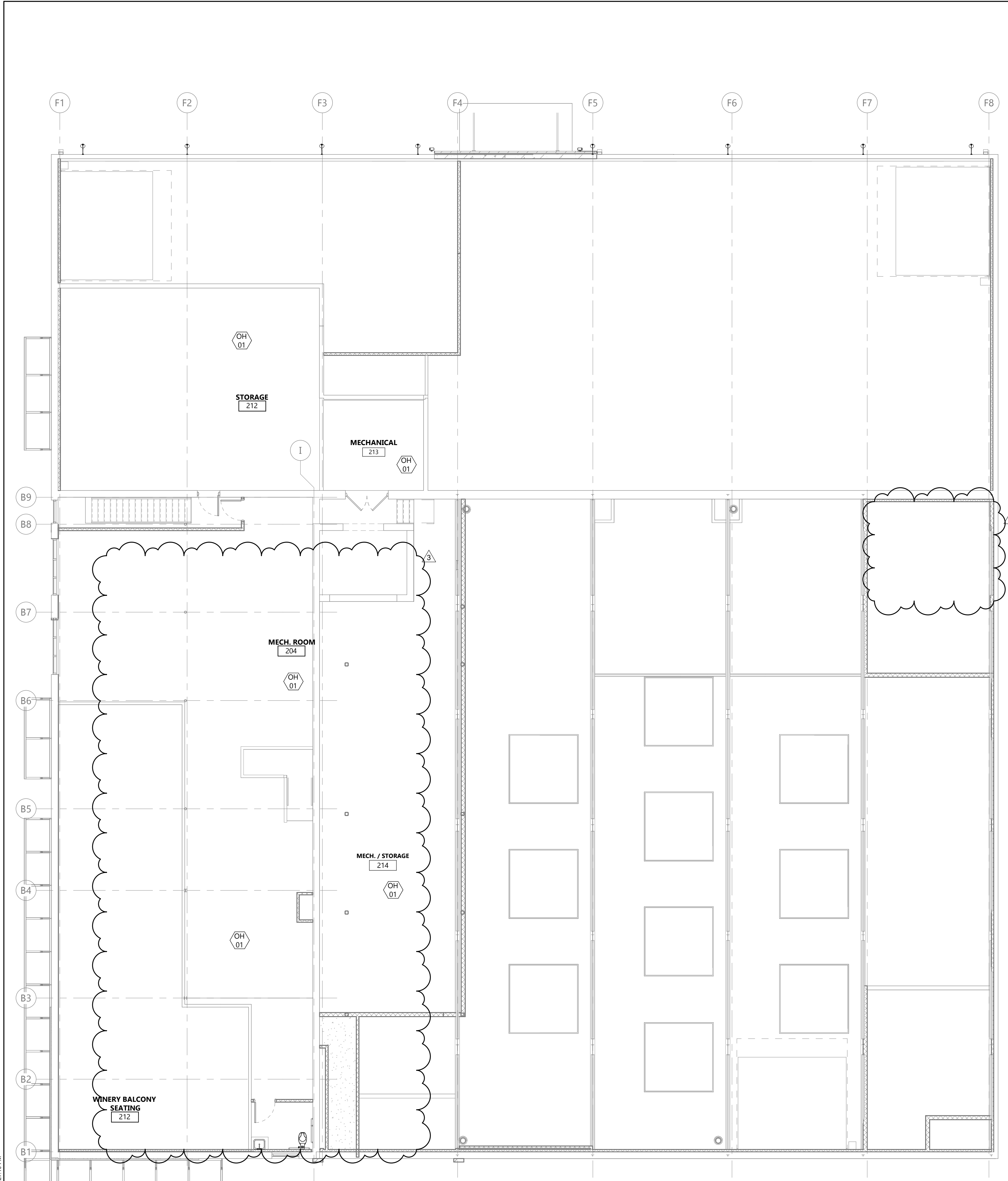
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DRAWING TITLE
FIRST FLOOR & BASMENT FIRE PROTECTION PLAN

F201



GENERAL NOTES

- SPRINKLERS PENETRATING FIRE WALLS SHALL BE SEALED WITH FIRE CAULKING.
- ONLY NEW SPRINKLERS SHALL BE EMPLOYED IN THE INSTALLATION OF THE SPRINKLER SYSTEM. SPRINKLER HEADS TO BE CENTERED IN CEILING TILE.
- THE SYSTEM SHALL ONLY EMPLOY THE USE OF APPROVED MATERIALS AND DEVICES.
- SPRINKLER PLANS SHALL BE APPROVED PRIOR TO THE INSTALLATION OF ANY PIPE. A SET OF APPROVED PLANS SHALL BE MAINTAINED AT ALL TIMES ON THE JOBSITE.
- AN APPOINTMENT SHALL BE MADE A MINIMUM OF TWO WORKING DAYS IN ADVANCE WITH THE APPROPRIATE FIRE PREVENTION OFFICE FOR ALL INSPECTIONS AND TESTS.
- ALL SYSTEM PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS OR AT 50 PSI ABOVE STATIC PRESSURE IN EXCESS OF 150 PSI.
- FIRE DEPARTMENT CONNECTIONS SHALL BE VISIBLE, ACCESSIBLE, HAVE NST FEMALE OUTLETS, HAVE PROTECTIVE CAPS, AND AN APPROVED CHECK VALVE LOCATED IN THE MAIN LINE. (AS CLOSE TO THE FIRE DEPARTMENT CONNECTION AS POSSIBLE) FOR COMMERCIAL SYSTEMS ONLY.
- ALL VALVES SHALL HAVE A PERMANENTLY AFFIXED SIGN INDICATING ITS FUNCTION.
- A STOCK OF SPARE SPRINKLERS OF EACH STYLE, TYPE, AND TEMPERATURE RATING ALONG WITH A SPRINKLER WRENCH SHALL BE LOCATED AT THE SPRINKLER RISER.
- ANY PORTION OF THIS SPRINKLER SYSTEM WHICH IS EXPOSED TO FREEZING SHALL BE ADEQUATELY PROTECTED AGAINST THIS EXPOSURE.

GENERAL NOTES CONTINUED

- FITTINGS TO BE CAST IRON OR DUCTILE.
- THREADS TO MEET ANSI/ASME STANDARDS. OR PIPING 1 1/2" & LARGER.
- ALL MATERIALS AND INSTALLATION TO CONFORM WITH NFPA #13 STANDARDS.
- COORDINATE BETWEEN MECHANICAL AND ELECTRICAL LAYOUTS.
- ADD SPRINKLERS UNDER ALL DUCTWORK OVER 48" WHEN STRUCTURE IS EXPOSED.
- THE SPRINKLER CONTRACTOR WILL SUPPLY THE OWNER WITH THE NECESSARY INSTRUCTION MANUALS FOR THE UPKEEP OF THE SYSTEM.
- SPRINKLER PLAN TO MEET ALL STATE AND LOCAL BUILDING CODES. A SET OF FIRE PROTECTION PLANS ARE TO BE SUBMITTED TO THE STATE FIRE MARSHALS OFFICE OR ANY OTHER GOVERNING BODIES FOR REVIEW. SPRINKLER PLANS NEED APPROVAL PRIOR TO INSTALLATION OF ANY PIPING.
- SPRINKLER SYSTEM LAYOUT IS GENERAL & DIAGRAMMATIC. ADDITIONAL HEADS AND/OR PIPING NEEDED TO CONFORM WITH NFPA SHALL BE PROVIDED BY THE FIRE SPRINKLER CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER.
- SPRINKLER PIPING
 - SCHEDULE 40: ASTM A53, UL LISTED, FM APPROVED FOR 1" PIPING.
 - SCHEDULE 10: ASTM A135, UL LISTED, FM APPROVED FOR PIPING 1 1/2" & LARGER.
- ADD SIDEWALL SPRINKLER HEADS TO PROVIDE COVERAGE UNDER OPEN GARAGE DOOR AS REQUIRED.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- ALL AREAS ARE LIGHT HAZARD UNLESS OTHERWISE NOTED.
- OH 01 ORDINARY HAZARD GROUP 1
- CR PROVIDE CORROSION RESISTANT PIPING & HEADS REFER TO SPECIFICATIONS
- FZ PROVIDE DRY PENDANT SPRINKLERS TO PROTECT FROM FREEZING



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CLIENT
SCULLY DESIGN BUILD,
INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

3	BP #3	12/18/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/24
MARK	DESCRIPTION	DATE

PROJECT NO: 20236130
DRAWN BY: LS
CHECKED BY: JH

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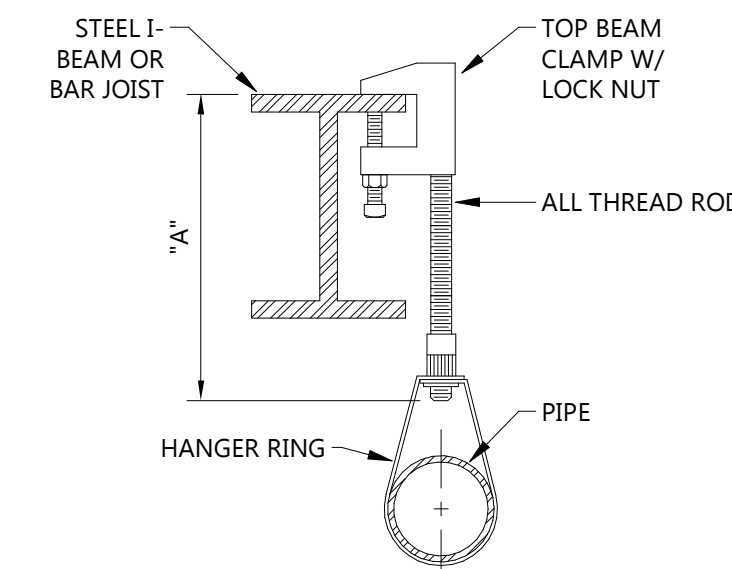
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DRAWING TITLE
SECOND FLOOR FIRE PROTECTION PLAN & DETAILS

F202

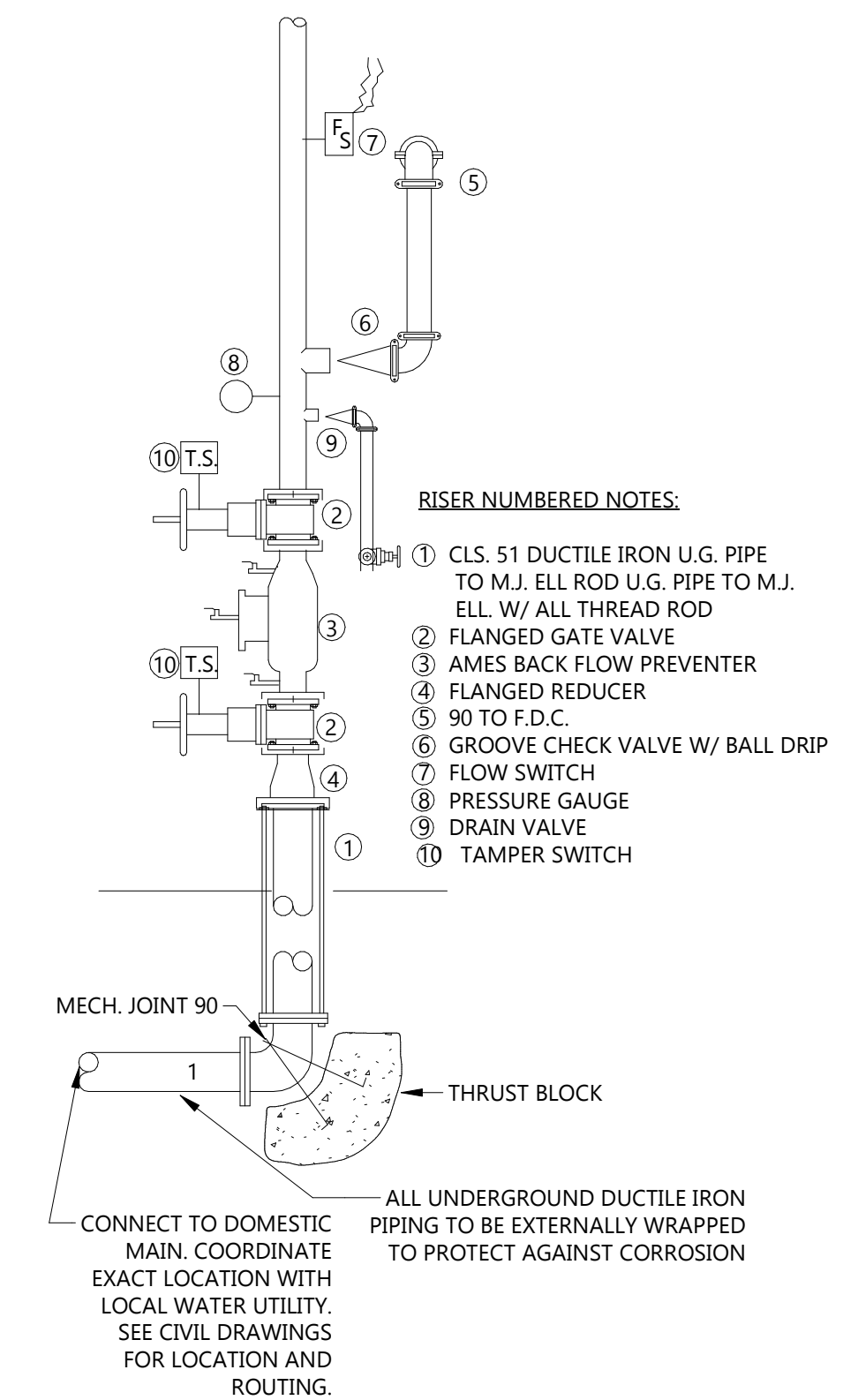
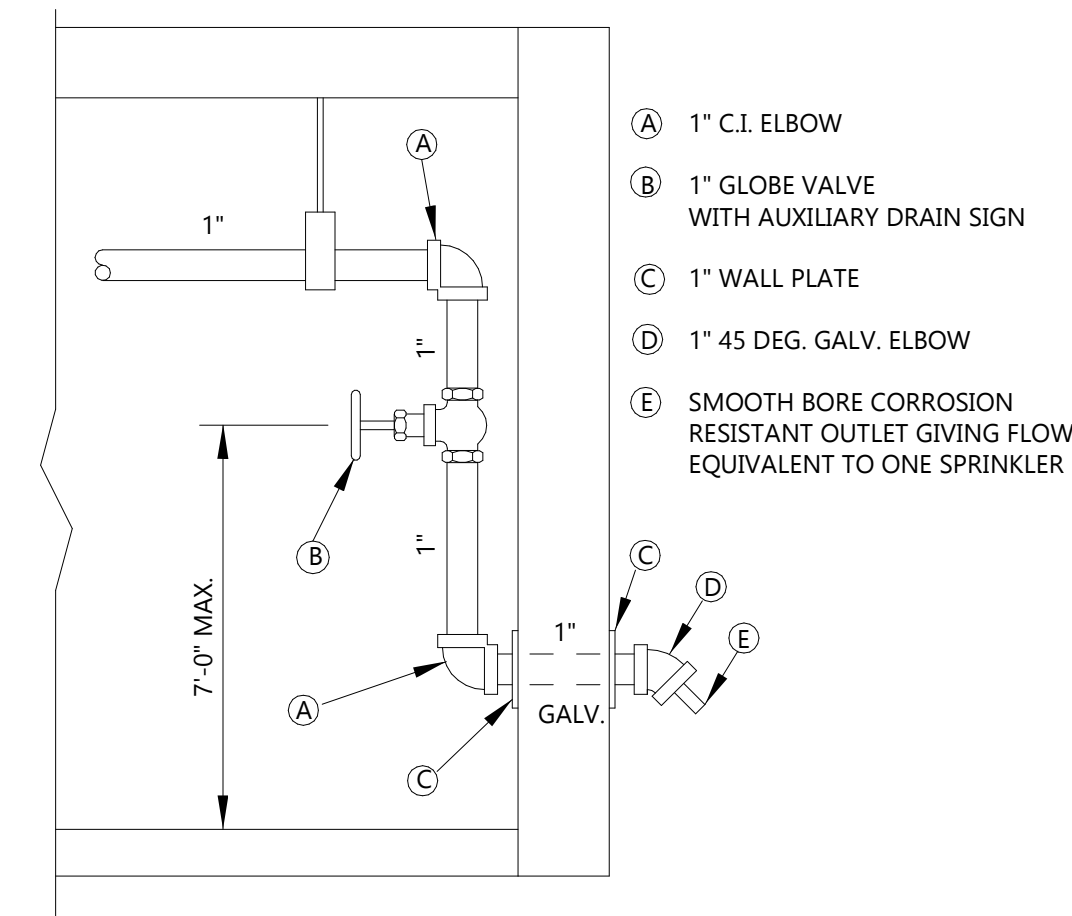
TOP BEAM CLAMP



NOTE ON PLAN: "A" DIMENSION

PIPE SIZES 1" THRU 4" ROD SIZE 3/8"
PIPE SIZES 5" THRU 8" ROD SIZE 1/2"

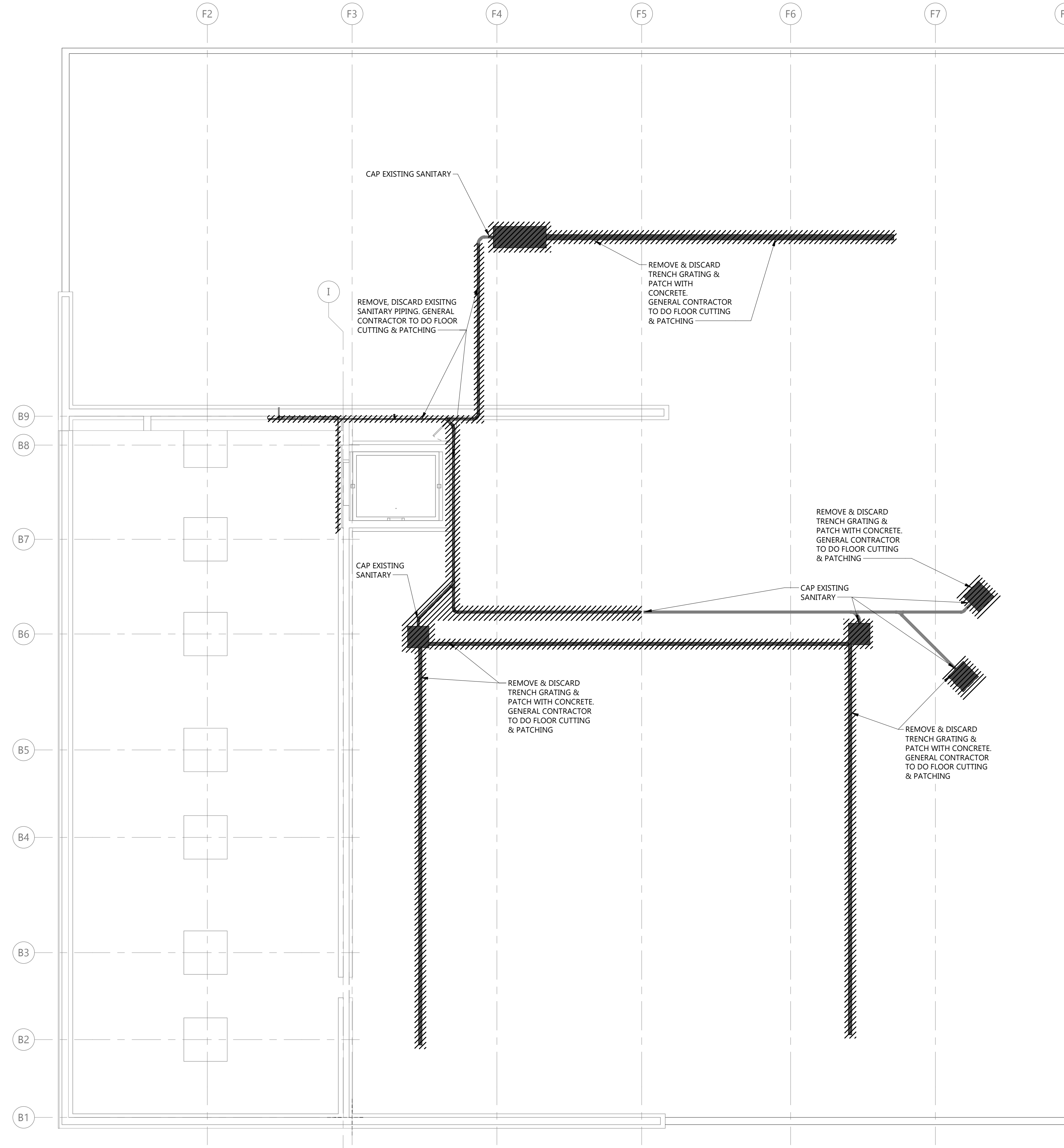
3 TOP BEAM CLAMP PIPE HANGER DETAIL
NOT TO SCALE



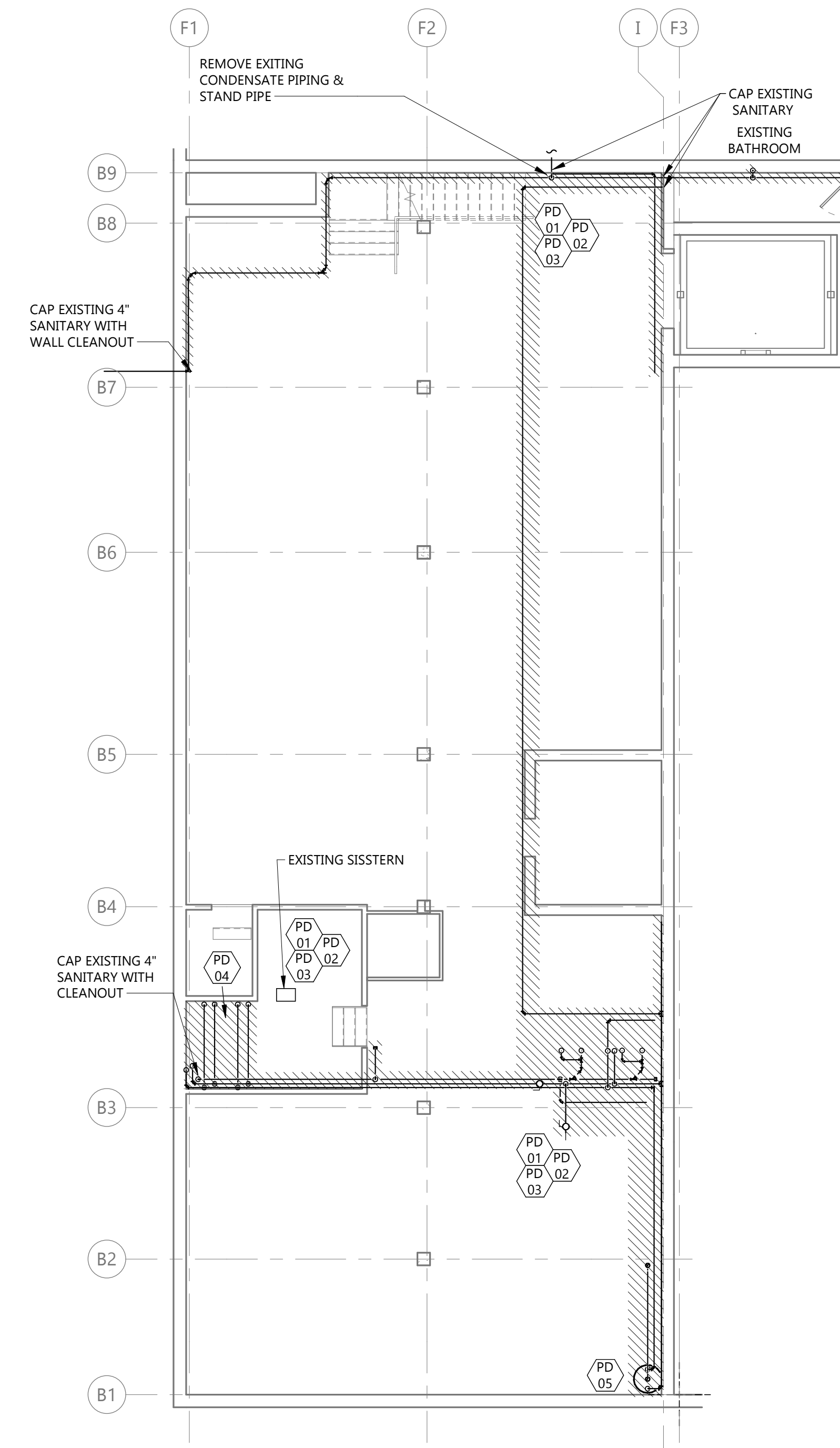
4 SECOND FLOOR FIRE PROTECTION PLAN
F202 1/8" = 1'-0"

2 INSPECTORS TEST FOR WET PIPE
F202 NOT TO SCALE

1 FIRE PROTECTION RISER DETAIL
F202 NOT TO SCALE



2 UNDERGROUND PLUMBING DEMOLITION PLAN
 1/8" = 1'-0"



1 BASEMENT PLUMBING DEMOLITION PLAN
 1/8" = 1'-0"

GENERAL DEMO NOTES

1. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT SIZE & LOCATION OF EXISTING FIXTURES, EQUIPMENT & PIPING AS REQUIRED.
2. ALL FLOOR CUTTING TO BE KEPT TO A MINIMUM. GENERAL CONTRACTOR TO DO FLOOR CUTTING & PATCHING
3. CONTRACTOR TO EXERCISE CAUTION WHILE FLOOR CUTTING TO MITIGATE RISKS TO EXISTING BELOW GRADE PIPING.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- PD 01 DISCONNECT, REMOVE & DISPOSE OF EXISTING DOMESTIC WATER PIPING AS INDICATED BY HATCH. PREPARE EXISTING PIPING TO REMAIN FOR CONNECTION OF NEW. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 02 DISCONNECT, REMOVE & DISPOSE OF EXISTING SANITARY WASTE PIPING AS INDICATED BY HATCH. PREPARE EXISTING PIPING TO REMAIN FOR CONNECTION OF NEW. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 03 DISCONNECT, REMOVE & DISPOSE OF EXISTING SANITARY VENT PIPING AS INDICATED BY HATCH. PREPARE EXISTING PIPING TO REMAIN FOR CONNECTION OF NEW. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 04 DISCONNECT, REMOVE & DISPOSE OF EXISTING SHOWER & ALL ASSOCIATED PIPING AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 05 DISCONNECT, REMOVE & TURN OVER TO OWNER OR DISPOSE OF AT OWNERS REQUEST EXISTING WATER HEATER & ALL ASSOCIATED PIPING AND VENTING AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.



Architecture | Engineering
 Interior Design | Industrial
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 313 Main Street, Suite 308, Williston ND 58801
 www.eapc.net

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
 STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024

PROJECT NO: **20236130**
 DRAWN BY: **LS**
 CHECKED BY: **AK**

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DRAWING TITLE
UNDERGROUND & BASEMENT PLUMBING DEMOLITION PLAN

P100

Rev'd Version: 2022
Plot Date: 12/19/2024 4:56:12 PM



GENERAL DEMO NOTES

1. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT SIZE & LOCATION OF EXISTING FIXTURES, EQUIPMENT & PIPING AS REQUIRED.
2. ALL FLOOR CUTTING TO BE KEPT TO A MINIMUM. GENERAL CONTRACTOR TO DO FLOOR CUTTING & PATCHING
3. CONTRACTOR TO EXERCISE CAUTION WHILE FLOOR CUTTING TO MITIGATE RISKS TO EXISTING BELOW GRADE PIPING.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- PD 01 DISCONNECT, REMOVE & DISPOSE OF EXISTING DOMESTIC WATER PIPING AS INDICATED BY HATCH. PREPARE EXISTING PIPING TO REMAIN FOR CONNECTION OF NEW. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 02 DISCONNECT, REMOVE & DISPOSE OF EXISTING SANITARY WASTE PIPING AS INDICATED BY HATCH. PREPARE EXISTING PIPING TO REMAIN FOR CONNECTION OF NEW. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 03 DISCONNECT, REMOVE & DISPOSE OF EXISTING SANITARY VENT PIPING AS INDICATED BY HATCH. PREPARE EXISTING PIPING TO REMAIN FOR CONNECTION OF NEW. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 04 DISCONNECT, REMOVE & TURN OVER TO OWNER OR DISPOSE OF AT OWNERS REQUEST EXISTING WATER CLOSET & ALL ASSOCIATED PIPING AND VENTING AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 05 DISCONNECT, REMOVE & TURN OVER TO OWNER OR DISPOSE OF AT OWNERS REQUEST EXISTING LAVATORY & ALL ASSOCIATED PIPING AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 06 DISCONNECT, REMOVE & DISPOSE OF EXISTING DOMESTIC WATER PIPING TIED INTO EXISTING WATER METER. VALVE & CAPP AT METER. UTILITY COMPANY TO REMOVE EXISTING WATER METER. COORDINATE WITH GENERAL CONTRACTOR PRIOR TO DISCONNECTING. FIELD VERIFY EXACT LOCATION.



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Interior Design Industrial
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CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

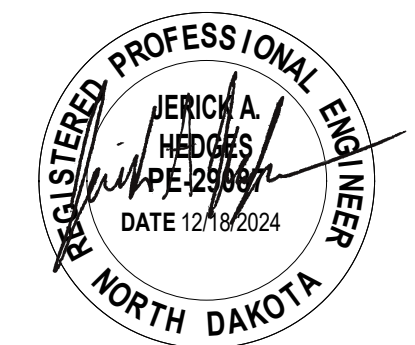
ISSUE DATES

1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024
MARK	DESCRIPTION	DATE

PROJECT NO: **20236130**
DRAWN BY: **LS**
CHECKED BY: **AK**

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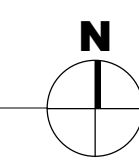
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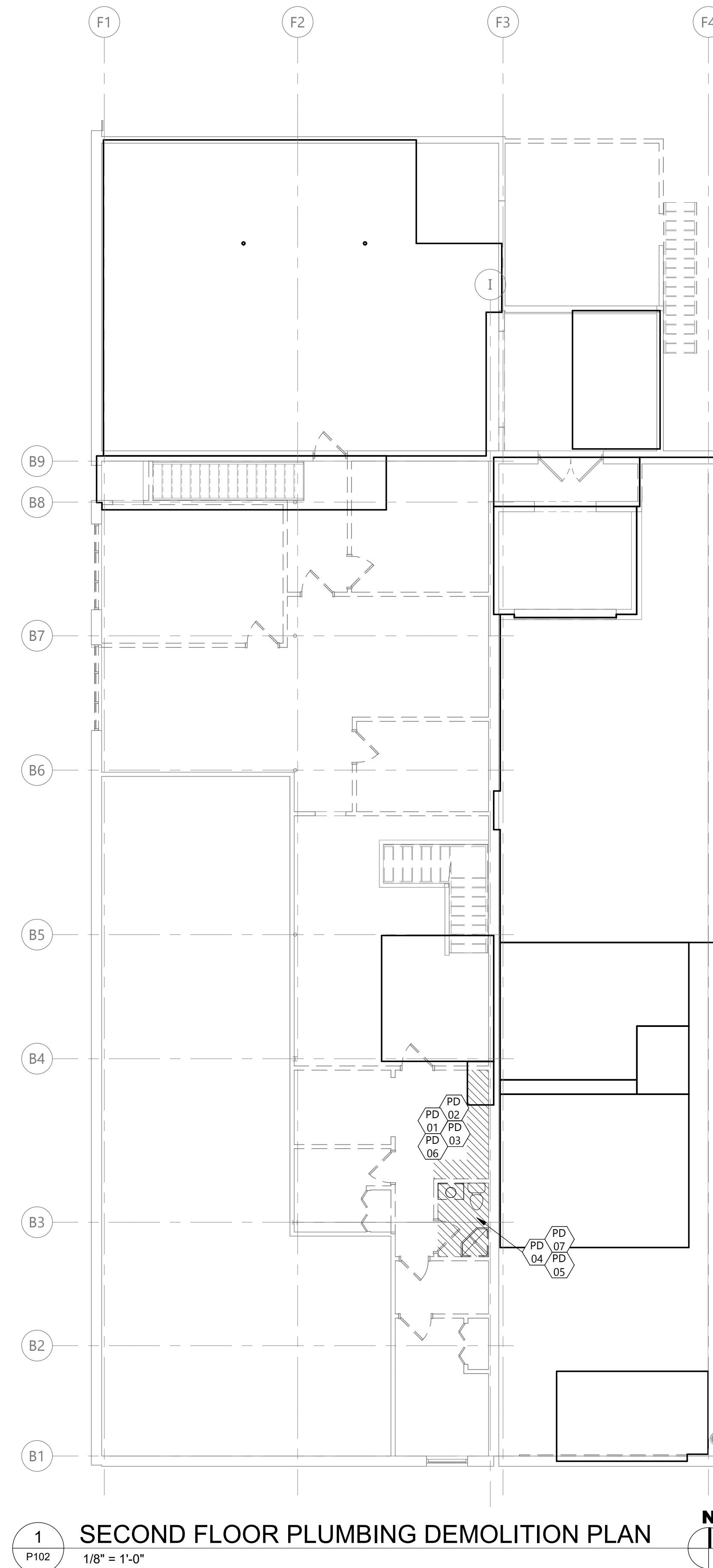
DRAWING TITLE
**FIRST FLOOR
PLUMBING
DEMOLITION PLAN**

P101

1 **FIRST FLOOR PLUMBING DEMOLITION PLAN**
P101 1/8" = 1'-0"



Rev'd Version: 2022
 Plot Date: 12/19/2024 4:56:13 PM



1 SECOND FLOOR PLUMBING DEMOLITION PLAN
 P102 1/8" = 1'-0"

GENERAL DEMO NOTES

1. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT SIZE & LOCATION OF EXISTING FIXTURES, EQUIPMENT & PIPING AS REQUIRED.
2. ALL FLOOR CUTTING TO BE KEPT TO A MINIMUM. GENERAL CONTRACTOR TO DO FLOOR CUTTING & PATCHING.
3. CONTRACTOR TO EXERCISE CAUTION WHILE FLOOR CUTTING TO MITIGATE RISKS TO EXISTING BELOW GRADE PIPING.

KEYNOTE LEGEND:

- ◊ <<< INDICATES KEYNOTE ON PLAN
- PD 01 DISCONNECT, REMOVE & DISPOSE OF EXISTING DOMESTIC WATER PIPING AS INDICATED BY HATCH. PREPARE EXISTING PIPING TO REMAIN FOR CONNECTION OF NEW. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 02 DISCONNECT, REMOVE & DISPOSE OF EXISTING SANITARY WASTE PIPING AS INDICATED BY HATCH. PREPARE EXISTING PIPING TO REMAIN FOR CONNECTION OF NEW. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 03 DISCONNECT, REMOVE & DISPOSE OF EXISTING SANITARY VENT PIPING AS INDICATED BY HATCH. PREPARE EXISTING PIPING TO REMAIN FOR CONNECTION OF NEW. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 04 DISCONNECT, REMOVE & TURN OVER TO OWNER OR DISPOSE OF AT OWNERS REQUEST EXISTING WATER CLOSET & ALL ASSOCIATED PIPING AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 05 DISCONNECT, REMOVE & TURN OVER TO OWNER OR DISPOSE OF AT OWNERS REQUEST EXISTING LAVATORY & ALL ASSOCIATED PIPING AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 06 DISCONNECT, REMOVE & TURN OVER TO OWNER OR DISPOSE OF AT OWNERS REQUEST EXISTING SINK & ALL ASSOCIATED PIPING AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.
 - PD 07 DISCONNECT, REMOVE & DISPOSE OF EXISTING SHOWER & ALL ASSOCIATED PIPING AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION AS REQUIRED.

PLUMBING FIXTURE CONNECTION SCHEDULE

ITEM NO	CONNECTIONS - INCHES			
	WASTE	VENT	CW	HW
ELEC. WATER COOLER	2"	2"	1/2"	1/2"
FLOOR DRAIN	2"	SEE PLAN	-	-
WALL HYDRANT	-	-	3/4"	-
LAVATORY	2"	2"	1/2"	1/2"
MOP BASIN	3"	2"	3/4"	3/4"
SINK	2"	2"	1/2"	1/2"
SHOWER	2"	2"	1/2"	1/2"
URINAL	2"	2"	3/4"	-
WATER CLOSET (FV)	4"	2"	1"	-
WATER CLOSET (FT)	4"	2"	1/2"	-
WMT	2"	2"	1/2"	1/2"

NOTE:
 1. ALL UNDERGROUND WASTE & VENT PIPING SHALL BE 2" MINIMUM.

EAPC
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 313 Main Street, Suite 308, Williston ND 58801
 www.eapc.net

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
 STATE **ND**

ISSUE DATES

1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024
MARK	DESCRIPTION	DATE

PROJECT NO: **20236130**
 DRAWN BY: **LS**
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DRAWING TITLE
SECOND FLOOR PLUMBING DEMOLITION PLAN

P102

KEYNOTE LEGEND:

PL 01 CORE DRILL AS REQUIRED FOR INSTALLATION THRU EXISTING FOUNDATION WALLS (TYP). FIELD VERIFY SANITARY DEPTHS & COORDINATE W/G.C. AS REQUIRED (TYP)

PL 02 GENERAL CONTRACTOR (GC) SHALL CUT, EXCAVATE & DISPOSE OF EXISTING CONCRETE FLOOR IN THIS AREA AS REQUIRED TO EXPOSE SANITARY WASTE PIPING & PREPARE FOR THE INSTALLATION & CONNECTION OF NEW PIPING. PLUMBING CONTRACTOR (PC) TO VERIFY EXACT LOCATION OF EXISTING PIPING BEFORE INSTALLING NEW. UPON COMPLETION OF THE INSTALLATION OF THE BELOW GRADE PIPING SYSTEM, PC TO BACKFILL & COMPACT AS REQUIRED TO MATCH EXISTING. COORDINATE ALL WORK WITH GC. ALL FLOOR CUTTING & PATCHING SHALL BE PERFORMED BY THE GC.

PLUMBING FIXTURE CONNECTION SCHEDULE

ITEM NO.	CONNECTIONS - INCHES			
	WASTE	VENT	CW	HW
ELEC. WATER COOLER	2"	2"	1/2"	1/2"
FLOOR DRAIN	2"	SEE PLAN	-	-
WALL HYDRANT	-	-	3/4"	-
LAVATORY	2"	2"	1/2"	1/2"
MOP BASIN	3"	2"	3/4"	3/4"
SINK	2"	2"	1/2"	1/2"
SHOWER	2"	2"	1/2"	1/2"
URINAL	2"	2"	3/4"	-
WATER CLOSET (FV)	4"	2"	1"	-
WATER CLOSET (FT)	4"	2"	1/2"	-
WMT	2"	2"	1/2"	1/2"

NOTE:
1. ALL UNDERGROUND WASTE & VENT PIPING SHALL BE 2" MINIMUM.

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PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

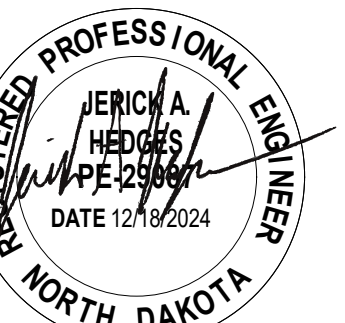
ISSUE DATES

MARK	DESCRIPTION	DATE
4	BP#3	12/18/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024

PROJECT NO: **20236130**
DRAWN BY: **LS**
CHECKED BY: **AK**

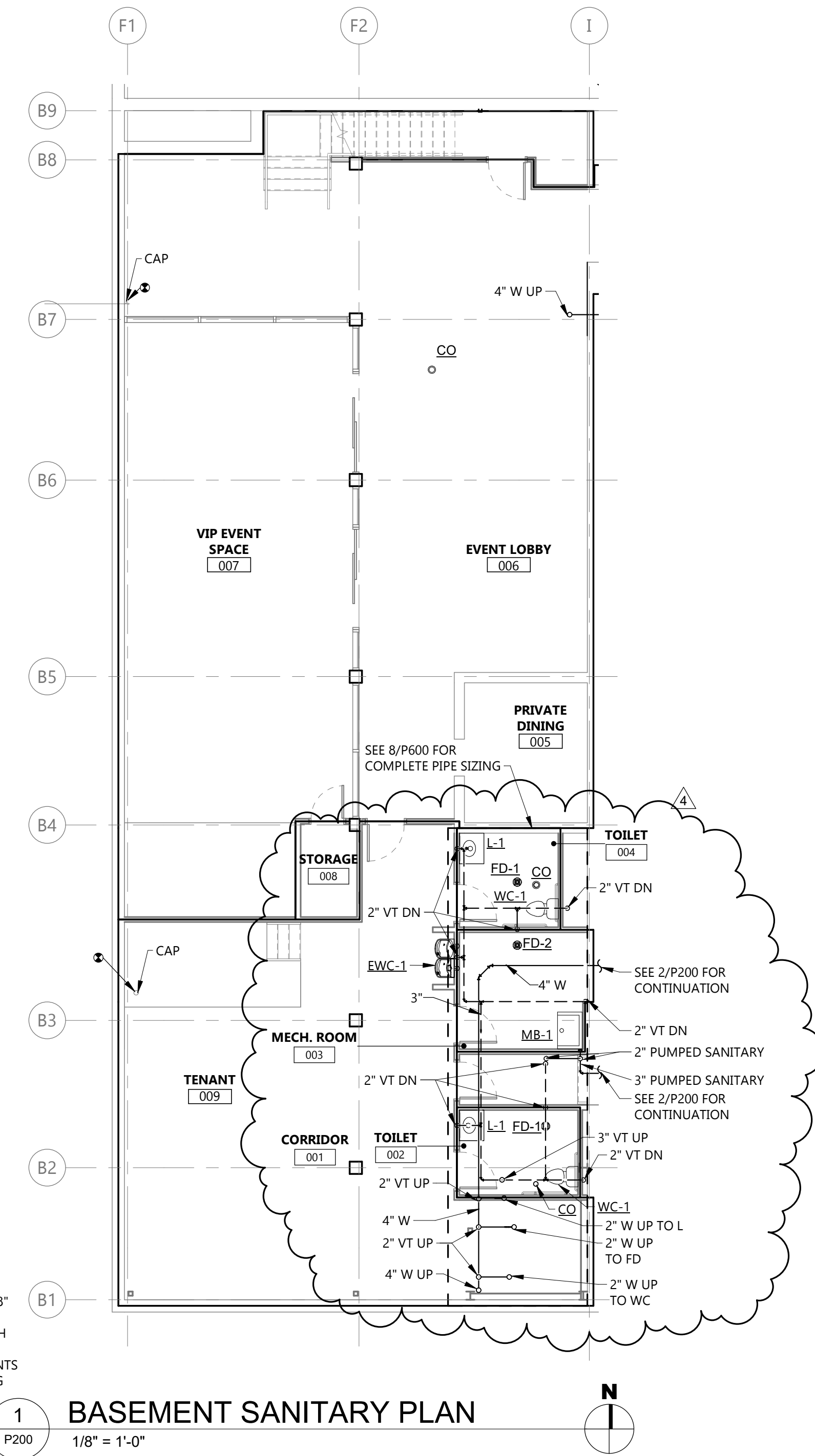
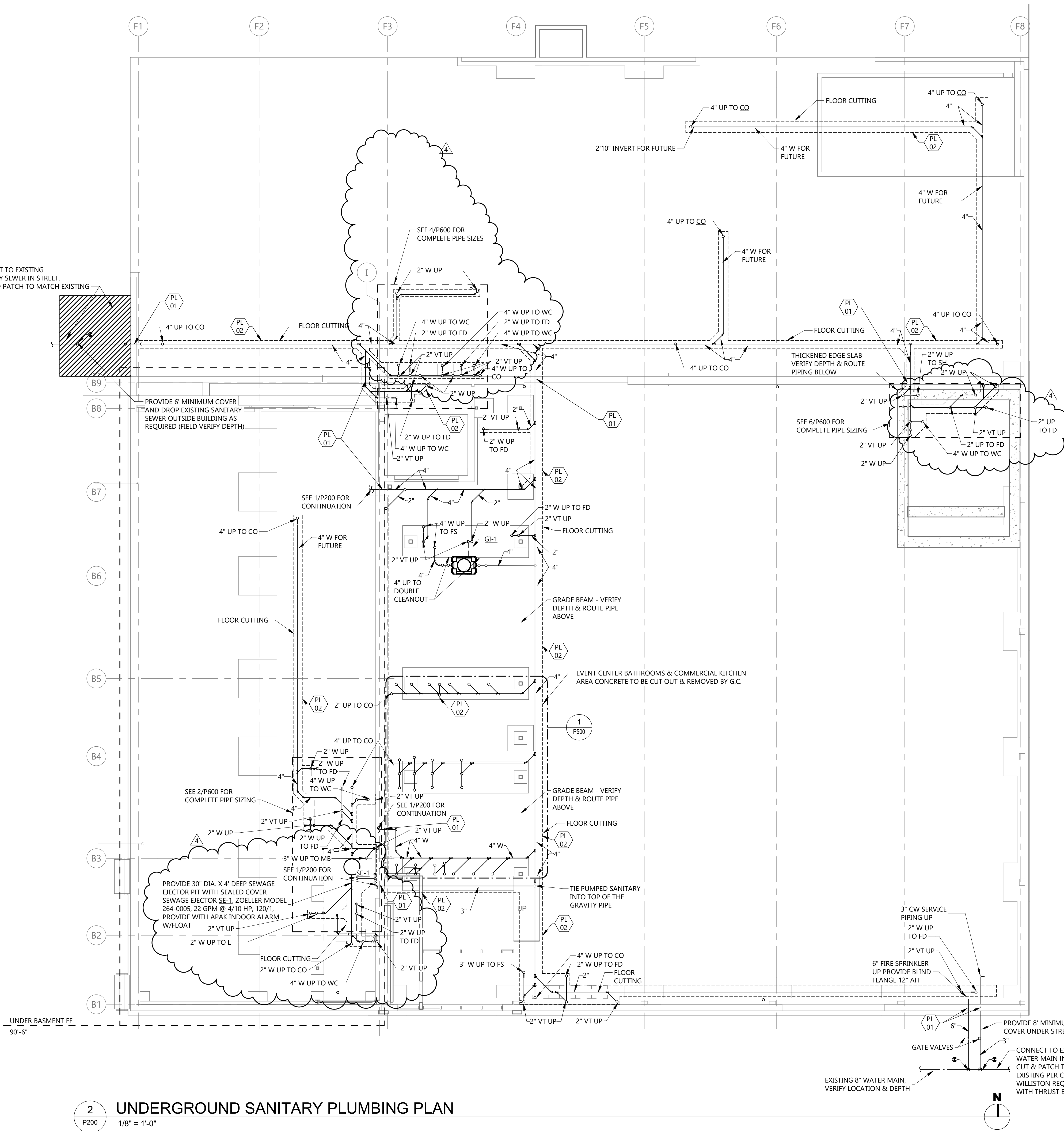
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DRAWING TITLE
UNDERGROUND & BASEMENT SANITARY PLAN

P200



2 UNDERGROUND SANITARY PLUMBING PLAN
P200 1/8" = 1'-0"

1 BASEMENT SANITARY PLAN
P200 1/8" = 1'-0"

ITEM NO.	CONNECTIONS - INCHES			
	WASTE	VENT	CW	HW
ELEC. WATER COOLER	2"	2"	1/2"	1/2"
FLOOR DRAIN	2"	SEE PLAN	-	-
WALL HYDRANT	-	-	3/4"	-
LAVATORY	2"	2"	1/2"	1/2"
MOP BASIN	3"	2"	3/4"	3/4"
SINK	2"	2"	1/2"	1/2"
SHOWER	2"	2"	1/2"	1/2"
URINAL	2"	2"	3/4"	-
WATER CLOSET (FV)	4"	2"	1"	-
WATER CLOSET (FT)	4"	2"	1/2"	-
WMT	2"	2"	1/2"	1/2"

NOTE:
1. ALL UNDERGROUND WASTE & VENT PIPING SHALL BE 2" MINIMUM.



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CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

MARK	DESCRIPTION	DATE
4	BP#3	12/18/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024

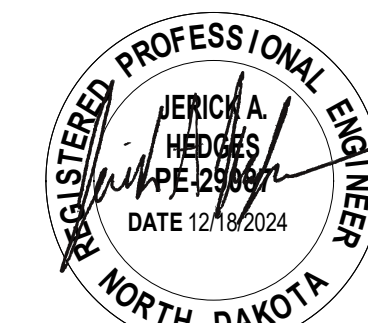
PROJECT NO: 20236130

DRAWN BY: LS

CHECKED BY: AK

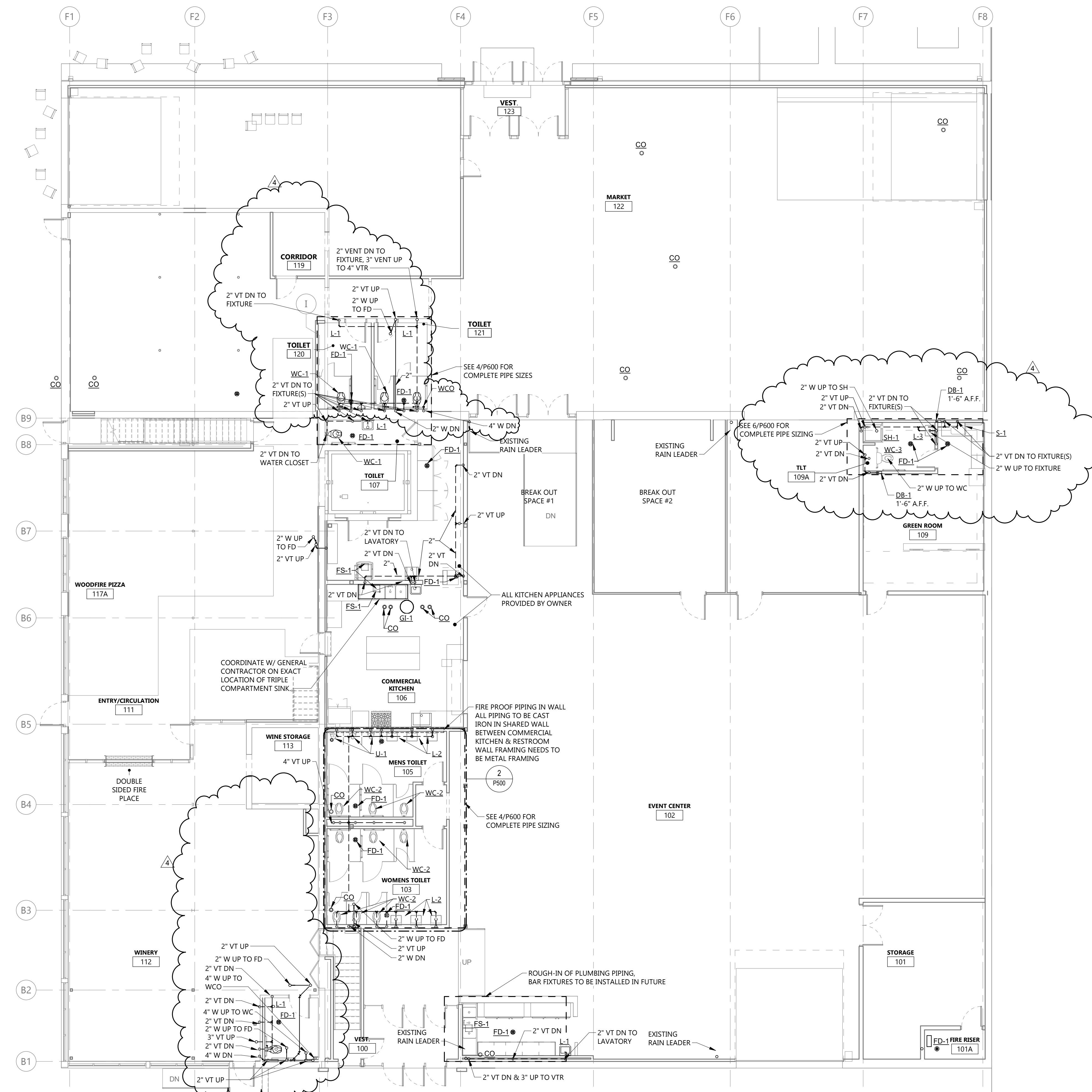
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DRAWING TITLE
FIRST FLOOR
SANITARY WASTE &
VENT PLAN

P201



1 FIRST FLOOR SANITARY WASTE & VENT PLAN
P201 1/8" = 1'-0"

Rev'd: Version: 2022
Plot Date: 12/19/2024 4:56:15 PM

GENERAL NOTES

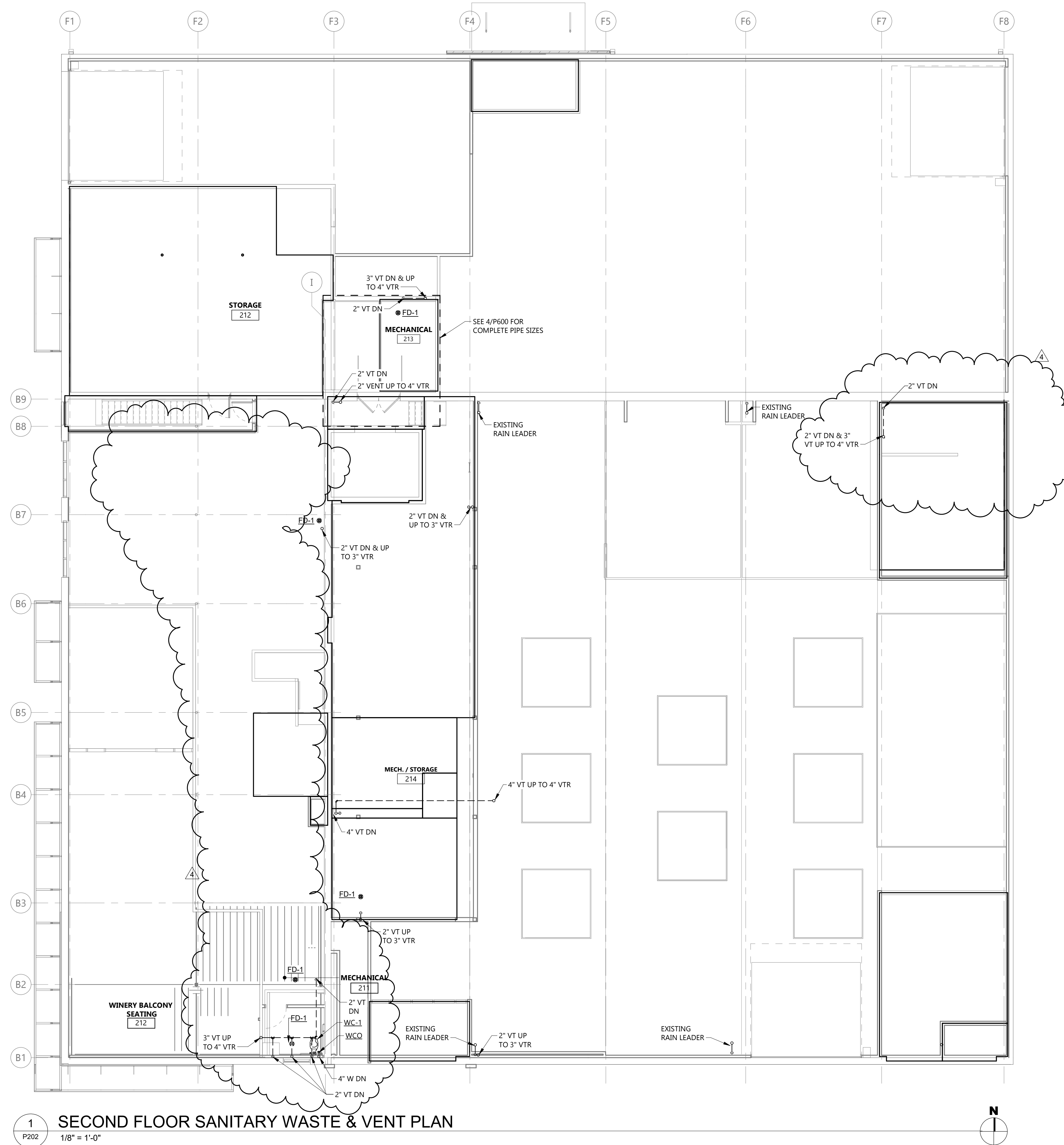
- FLOOR CUTTING & REMOVAL OF DEBRIS TO DISCARD FOR SANITARY & VENT PIPE PENETRATIONS TO BE DONE BY P.C. COORDINATE WITH G.C.

PLUMBING FIXTURE CONNECTION SCHEDULE

ITEM NO.	CONNECTIONS - INCHES			
	WASTE	VENT	CW	HW
ELEC. WATER COOLER	2"	2"	1/2"	1/2"
FLOOR DRAIN	2"	SEE PLAN	-	-
WALL HYDRANT	-	-	3/4"	-
LAVATORY	2"	2"	1/2"	1/2"
MOP BASIN	3"	2"	3/4"	3/4"
SINK	2"	2"	1/2"	1/2"
SHOWER	2"	2"	1/2"	1/2"
URINAL	2"	2"	3/4"	-
WATER CLOSET (FV)	4"	2"	1"	-
WATER CLOSET (FT)	4"	2"	1/2"	-
WMT	2"	2"	1/2"	1/2"

NOTE:

- ALL UNDERGROUND WASTE & VENT PIPING SHALL BE 2" MINIMUM.



1 SECOND FLOOR SANITARY WASTE & VENT PLAN
P202 1/8" = 1'-0"



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CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

4	BP#3	12/18/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024
MARK	DESCRIPTION	DATE

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DRAWING TITLE
SECOND FLOOR
SANITARY WASTE &
VENT PLAN

P202

PLUMBING FIXTURE CONNECTION SCHEDULE

ITEM NO.	CONNECTIONS - INCHES			
	WASTE	VENT	CW	HW
ELEC. WATER COOLER	2"	2"	1/2"	1/2"
FLOOR DRAIN	2"	SEE PLAN	-	-
WALL HYDRANT	-	-	3/4"	-
LAVATORY	2"	2"	1/2"	1/2"
MOP BASIN	3"	2"	3/4"	3/4"
SINK	2"	2"	1/2"	1/2"
SHOWER	2"	2"	1/2"	1/2"
URINAL	2"	2"	3/4"	-
WATER CLOSET (FV)	4"	2"	1"	-
WATER CLOSET (FT)	4"	2"	1/2"	-
WMT	2"	2"	1/2"	1/2"

NOTE:
1. ALL UNDERGROUND WASTE & VENT PIPING SHALL BE 2" MINIMUM.

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SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
 STATE **ND**

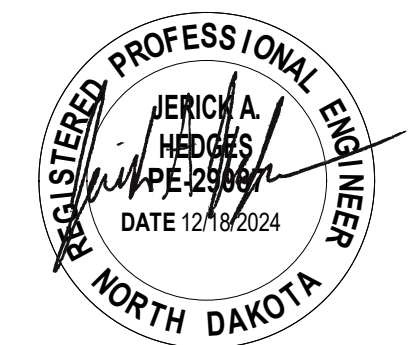
ISSUE DATES

MARK	DESCRIPTION	DATE
4	BP#3	12/18/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024

PROJECT NO: **20236130**
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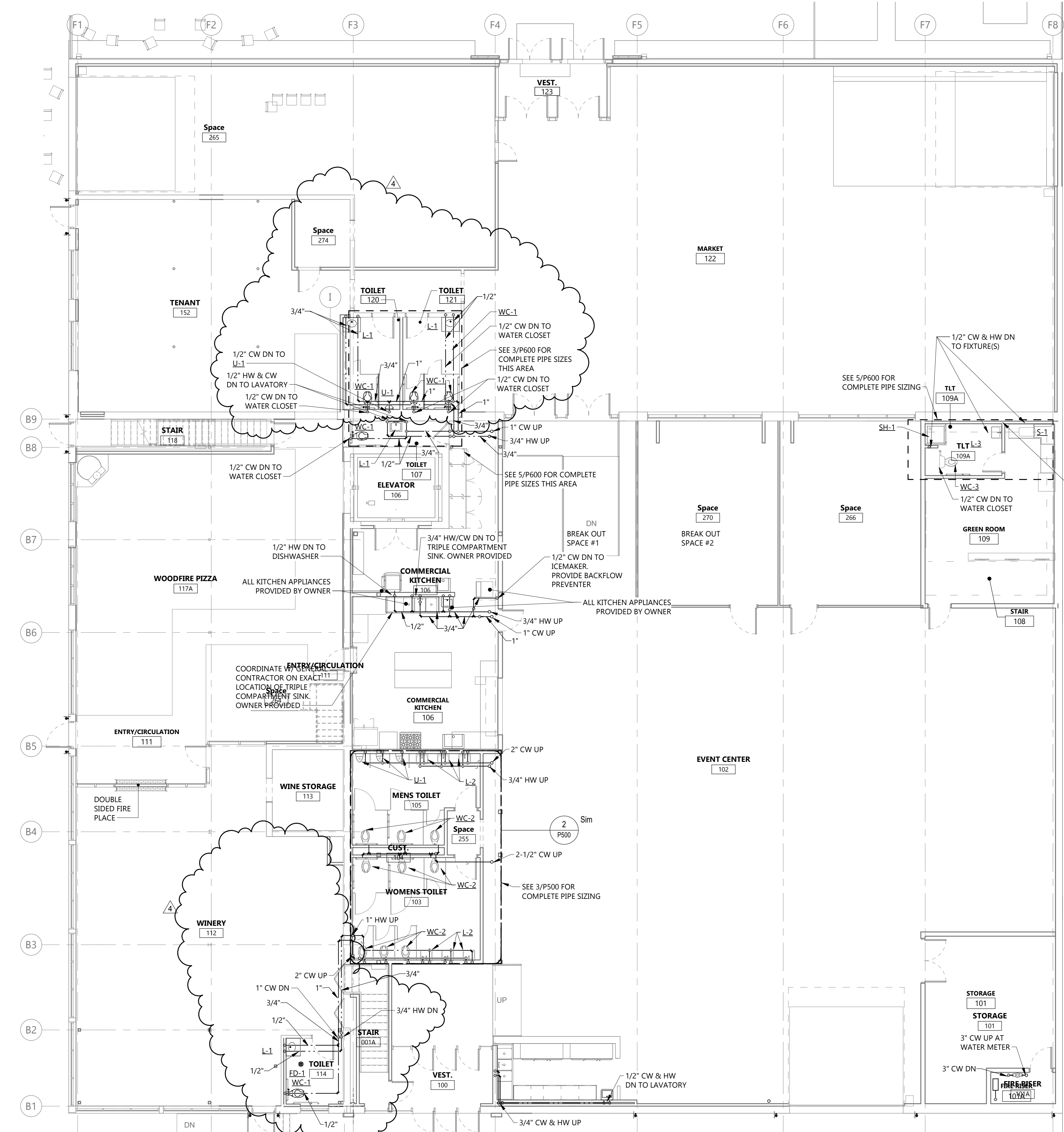
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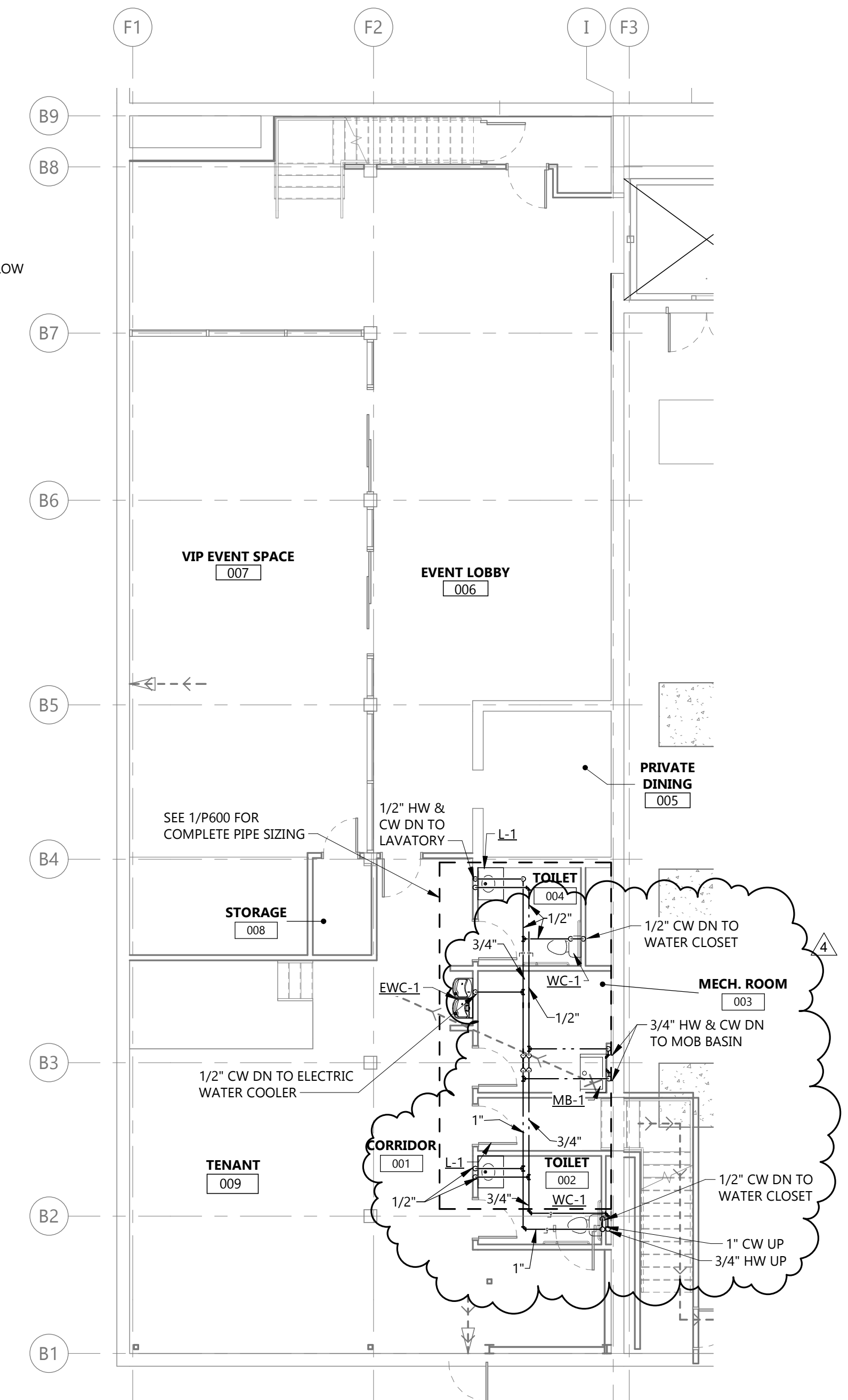


DRAWING TITLE
BASEMENT & FIRST FLOOR DOMESTIC PIPING PLAN

P301



2 **FIRST FLOOR DOMESTIC WATER SUPPLY PLAN**
 P301 1/8" = 1'-0"



1 **BASEMENT DOMESTIC WATER SUPPLY PLAN**
 P301 1/8" = 1'-0"

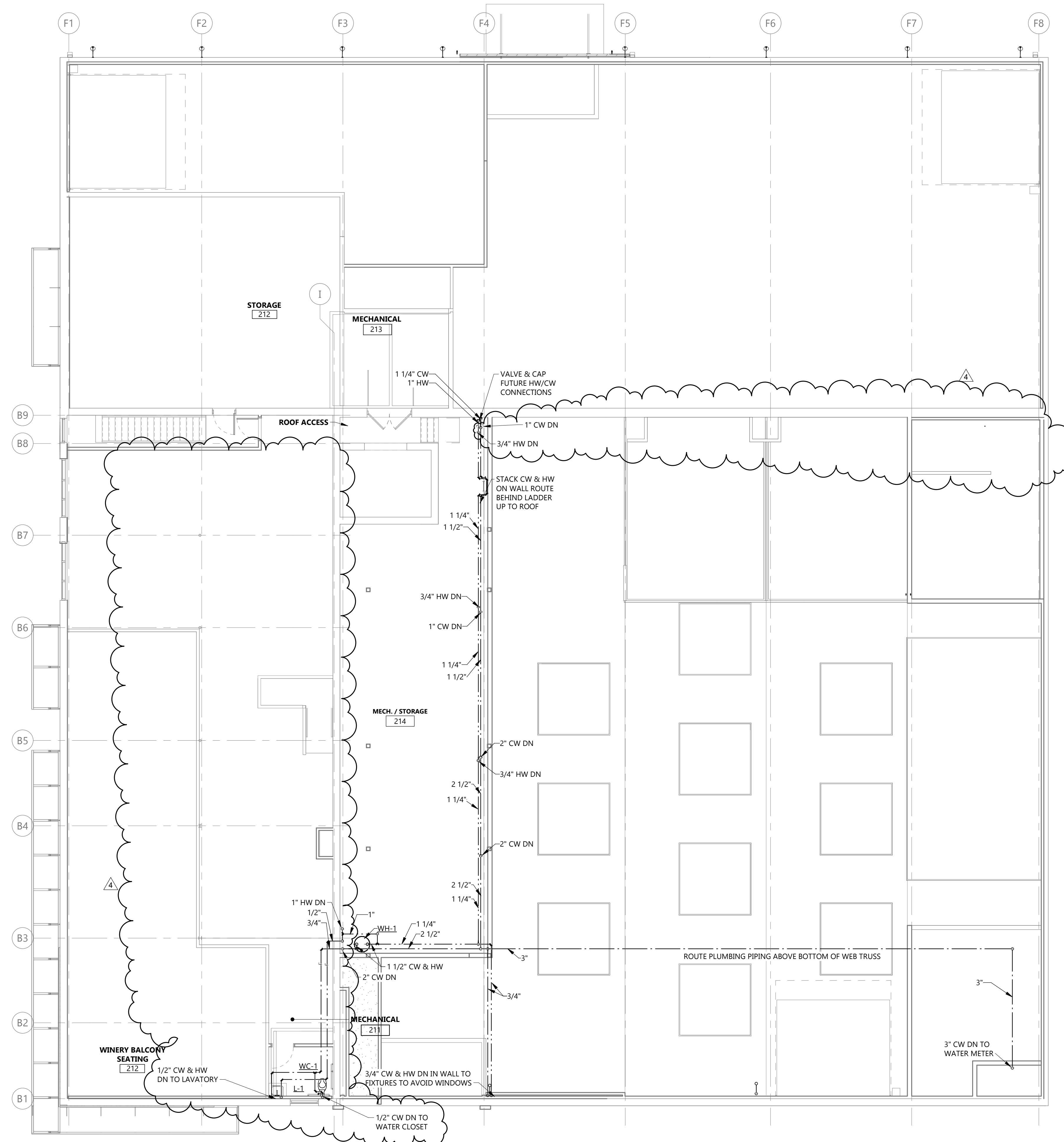
GENERAL NOTES

- FLOOR CUTTING & REMOVAL OF DEBRIS TO DISCARD FOR SANITARY & VENT PIPE PENETRATIONS TO BE DONE BY P.C. COORDINATE WITH G.C.

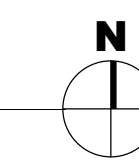
PLUMBING FIXTURE CONNECTION SCHEDULE

ITEM NO.	CONNECTIONS - INCHES			
	WASTE	VENT	CW	HW
ELEC. WATER COOLER	2"	2"	1/2"	1/2"
FLOOR DRAIN	2"	SEE PLAN	-	-
WALL HYDRANT	-	-	3/4"	-
LAVATORY	2"	2"	1/2"	1/2"
MOP BASIN	3"	2"	3/4"	3/4"
SINK	2"	2"	1/2"	1/2"
SHOWER	2"	2"	1/2"	1/2"
URINAL	2"	2"	3/4"	-
WATER CLOSET (FV)	4"	2"	1"	-
WATER CLOSET (FT)	4"	2"	1/2"	-
WMT	2"	2"	1/2"	1/2"

NOTE:
1. ALL UNDERGROUND WASTE & VENT PIPING SHALL BE 2" MINIMUM.



1 SECOND FLOOR DOMESTIC WATER SUPPLY PLAN
P302 1/8" = 1'-0"



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PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

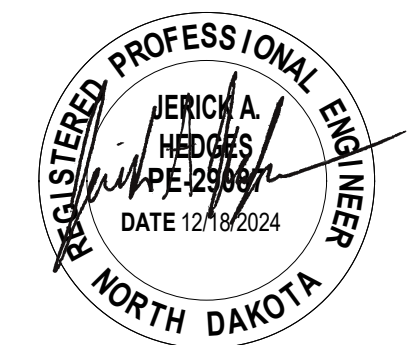
ISSUE DATES

4	BP#3	12/18/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024
MARK	DESCRIPTION	DATE

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DRAWING TITLE
SECOND FLOOR DOMESTIC WATER SUPPLY PLAN

P302

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PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

4	BP#3	12/18/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024
MARK	DESCRIPTION	DATE

PROJECT NO: 20236130

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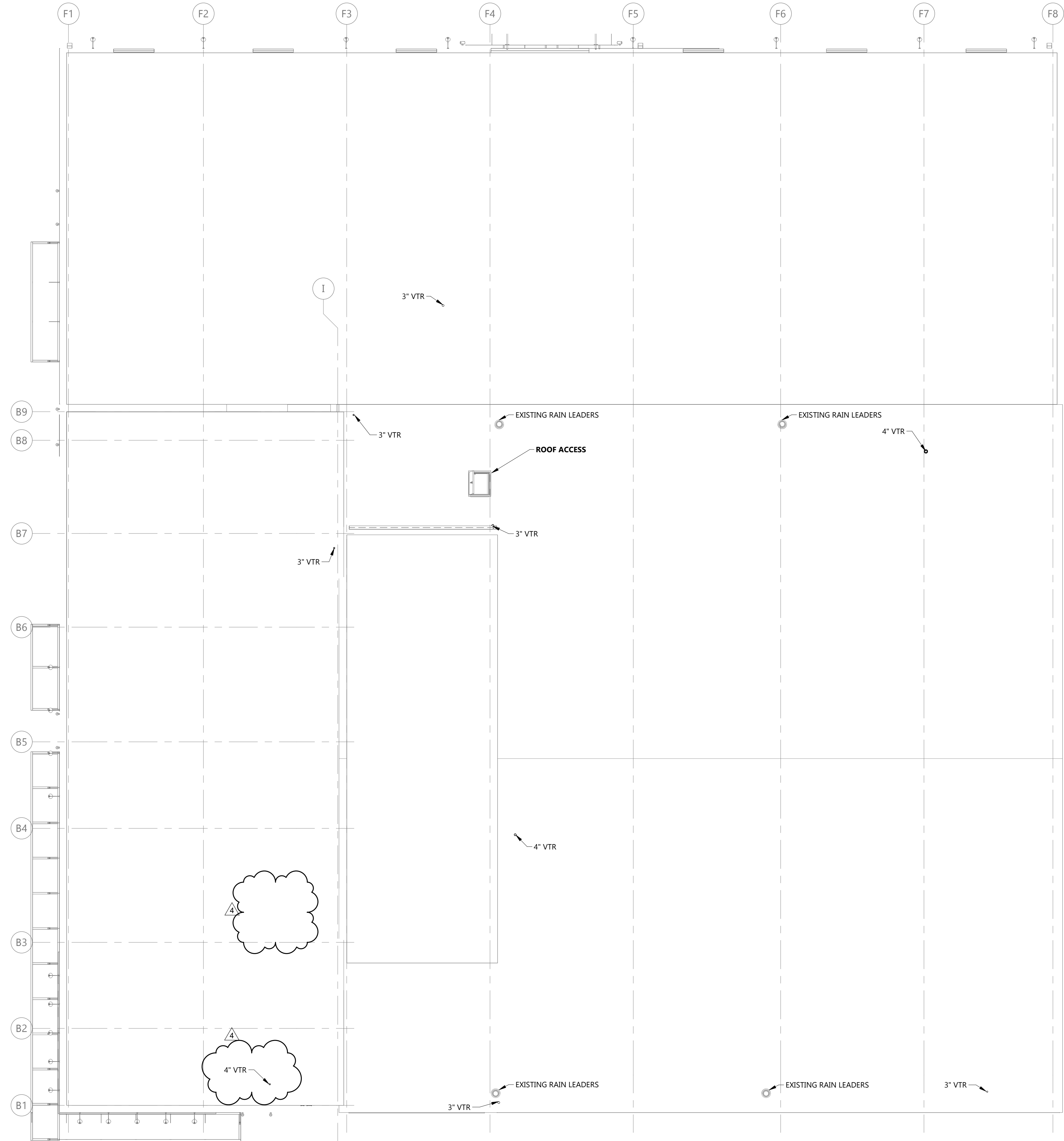
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DRAWING TITLE
ROOF PLUMBING PLAN

P400



1 ROOF PLUMBING PLAN
P400 1/8" = 1'-0"

CLIENT
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PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024
MARK	DESCRIPTION	DATE

PROJECT NO: 20236130
DRAWN BY: LS
CHECKED BY: AK

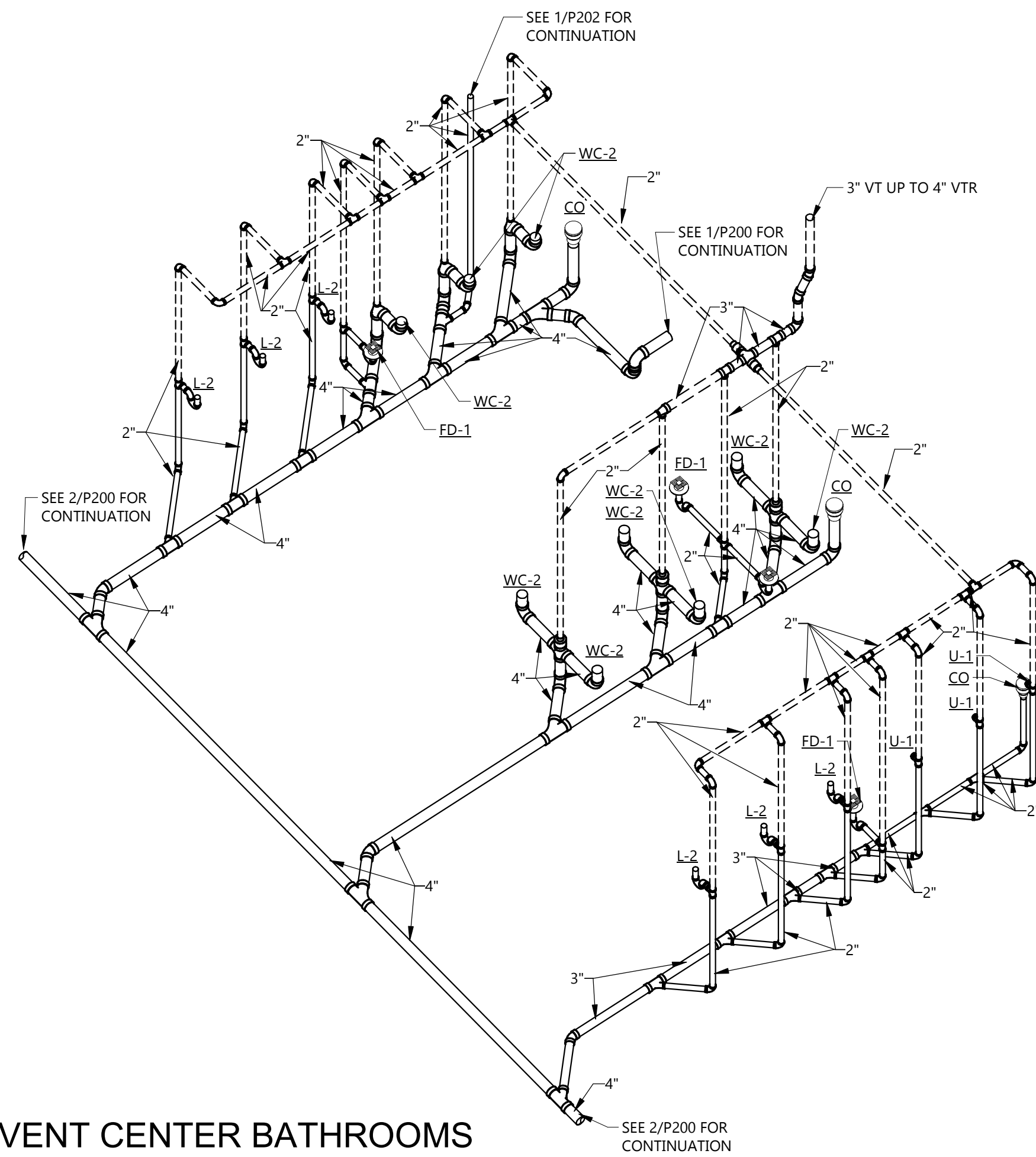
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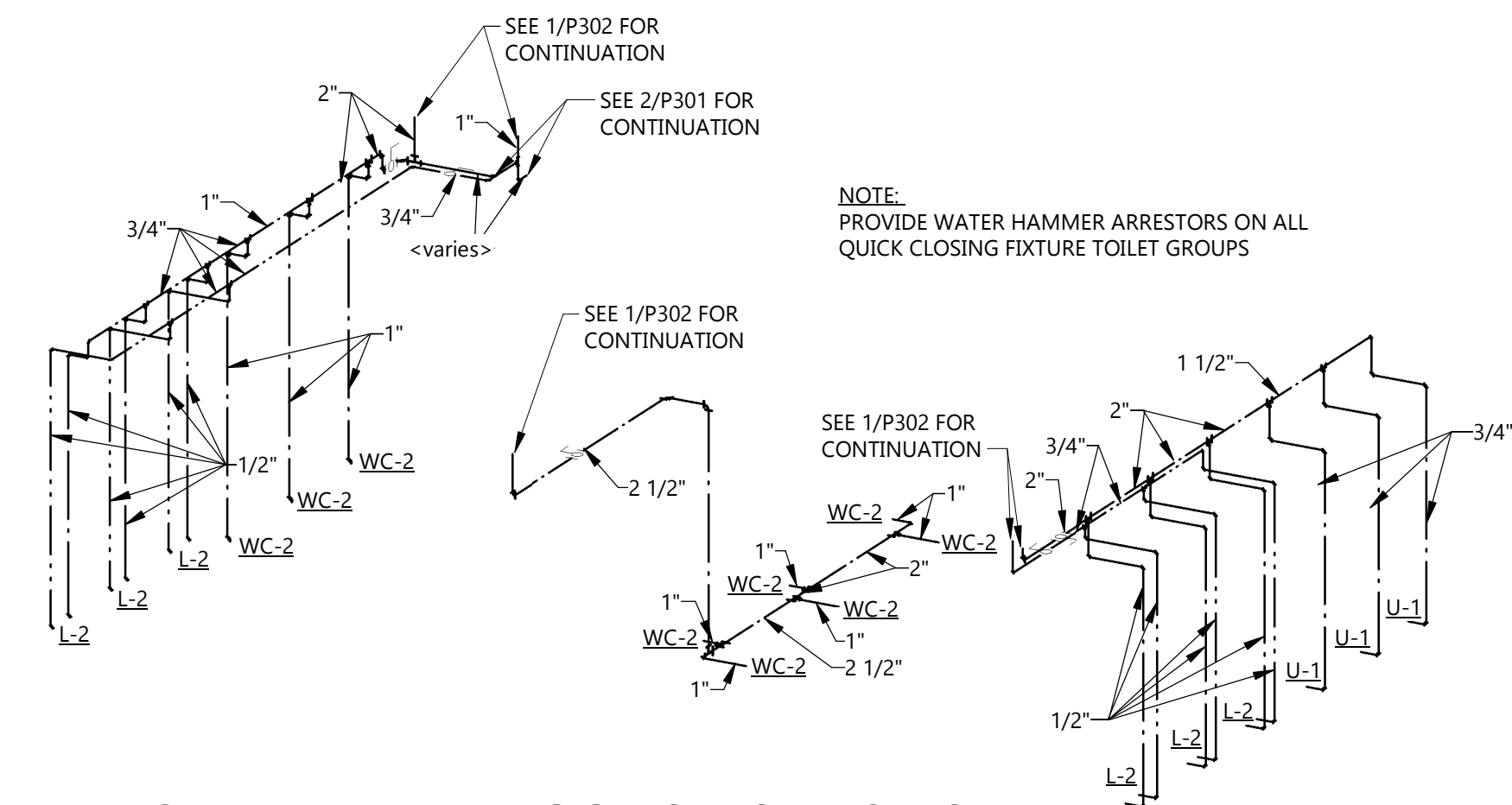


DRAWING TITLE
EVENT CENTER BATHROOM
PLUMBING PLANS

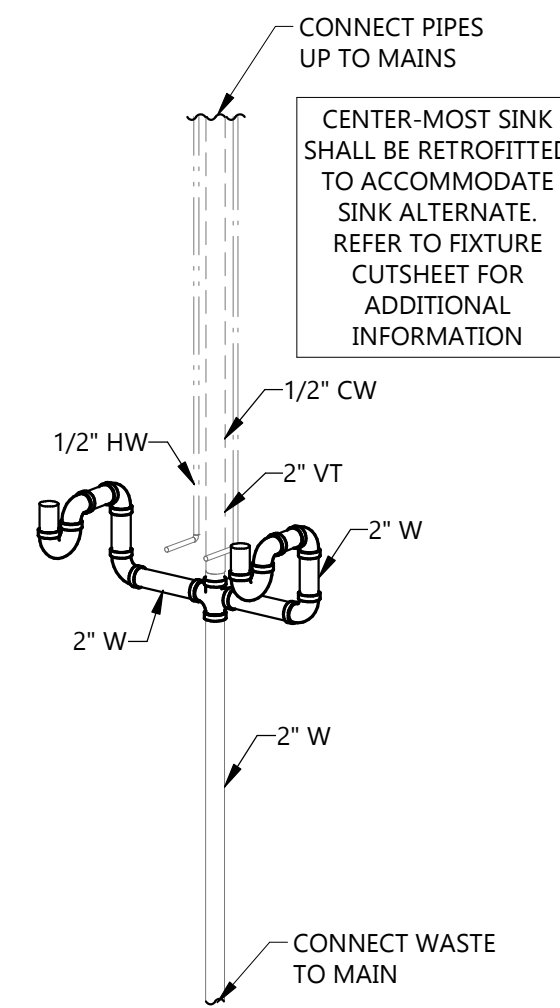
P500



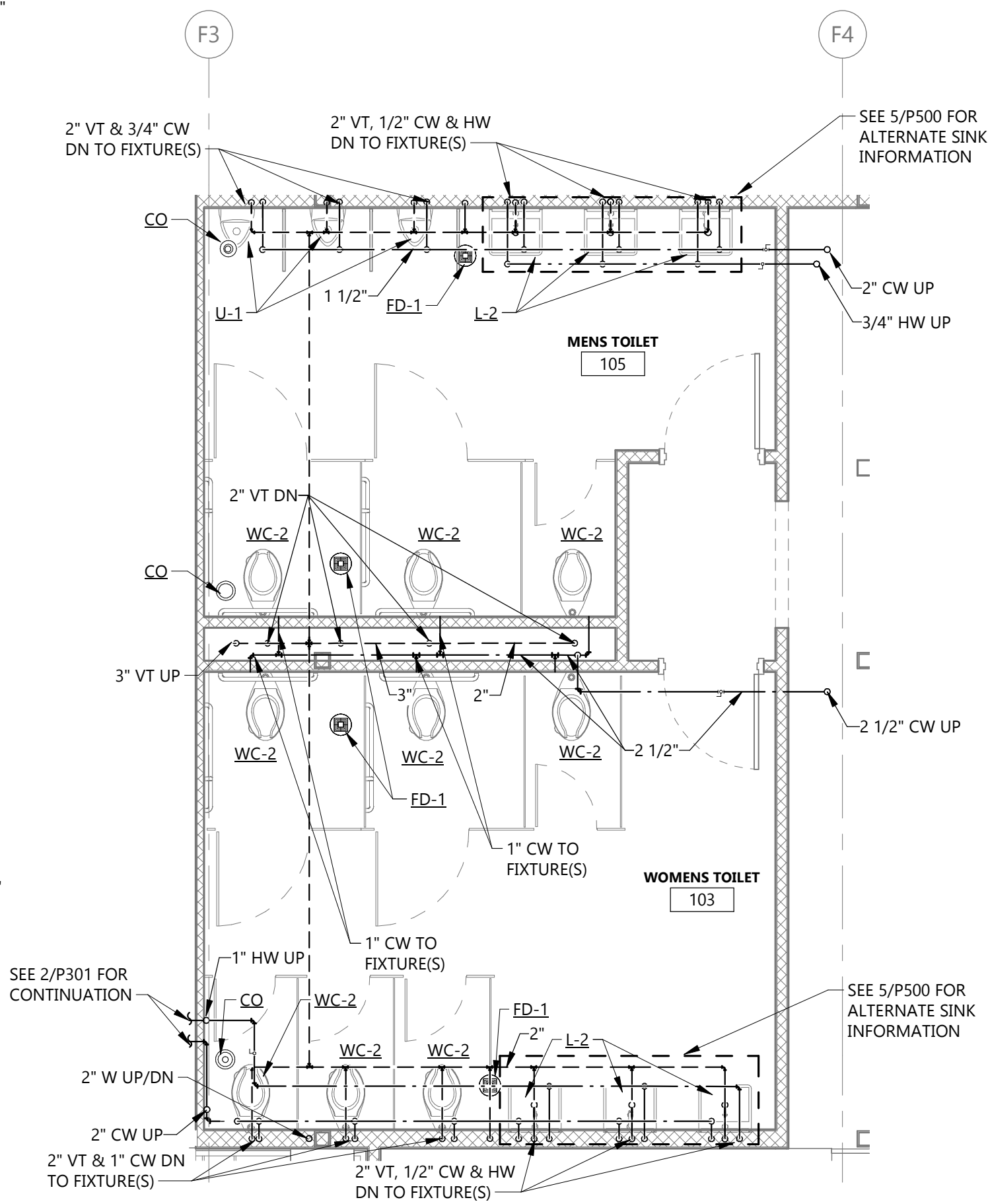
4
P500
EVENT CENTER BATHROOMS
SANITARY & VENT PIPING RISER
NO SCALE



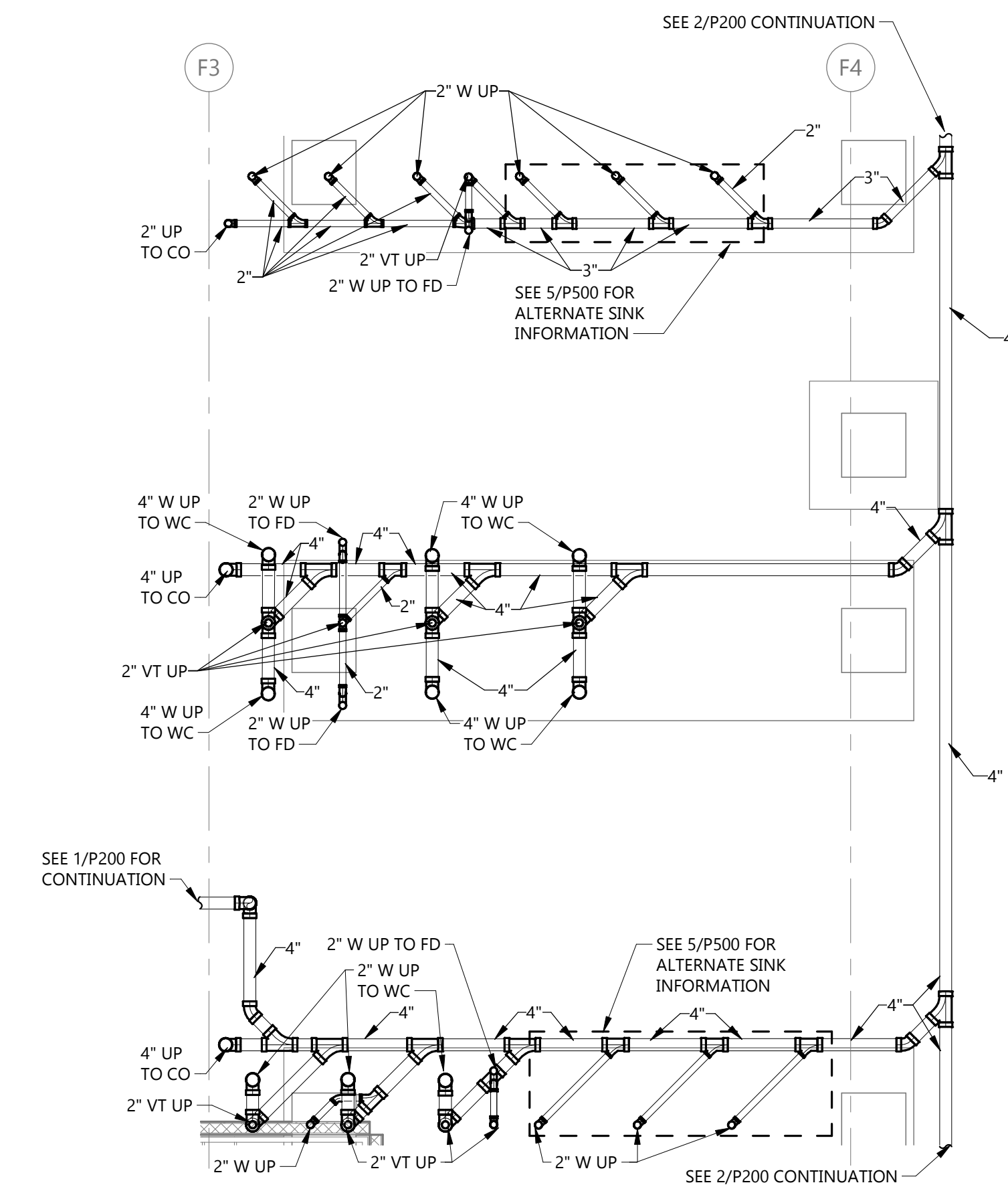
3
P500
EVENT CENTER BATHROOMS DOMESTIC
PIPING RISER
NO SCALE



5
P500
SINK ALTERNATE
RISER DETAIL (TYP)
NO SCALE



2
P500
FIRST FLOOR PLUMBING PLAN - BASE BID
1/4" = 1'-0"



1
P500
UNDERGROUND EVENT CENTER BATHROOMS - BASE BID
1/4" = 1'-0"

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

MARK	DESCRIPTION	DATE
4	BP#3	12/18/2024
2	BP#2 - ADDENDUM 1	06/10/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06/21/2024

PROJECT NO: **20236130**

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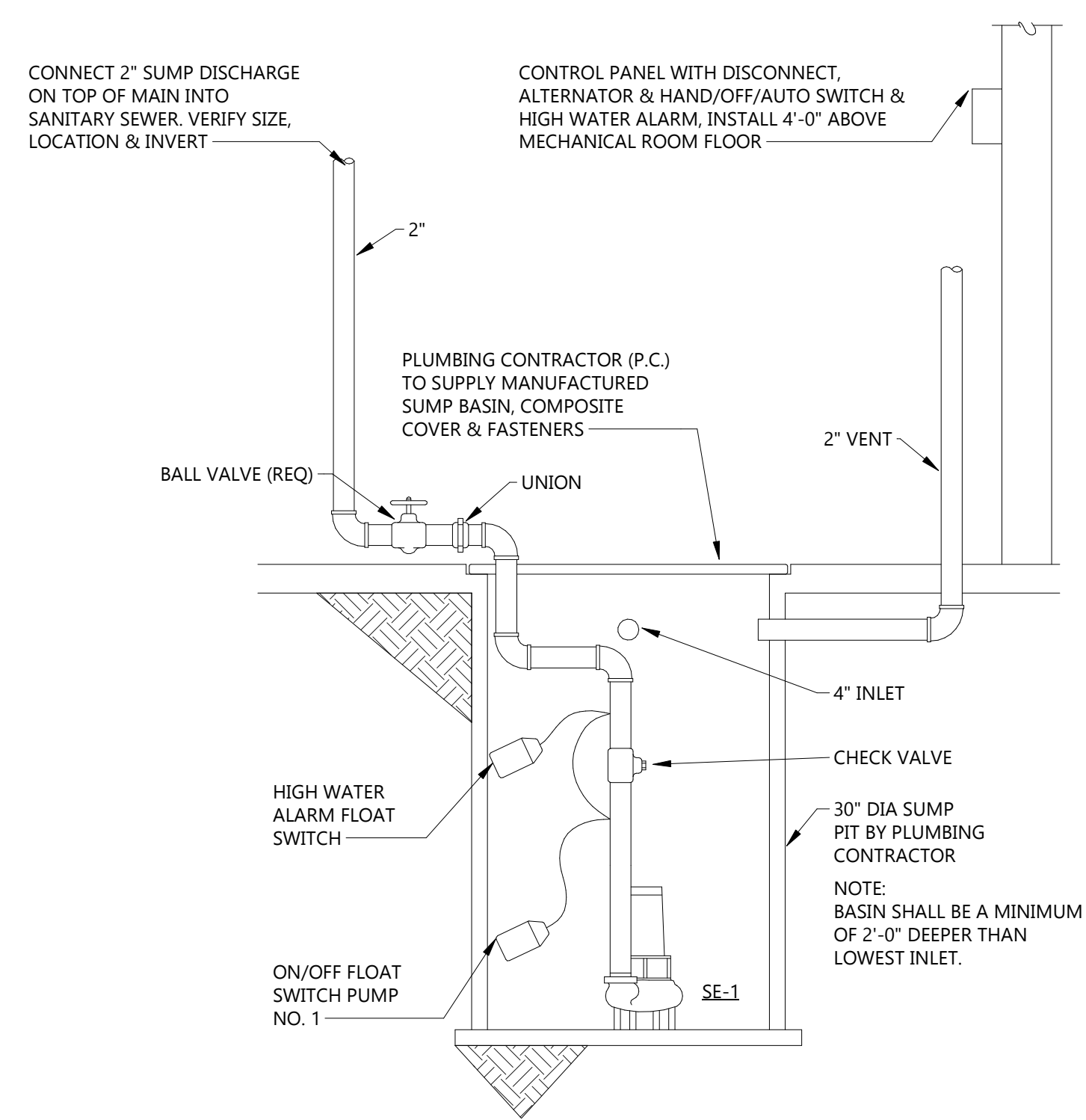
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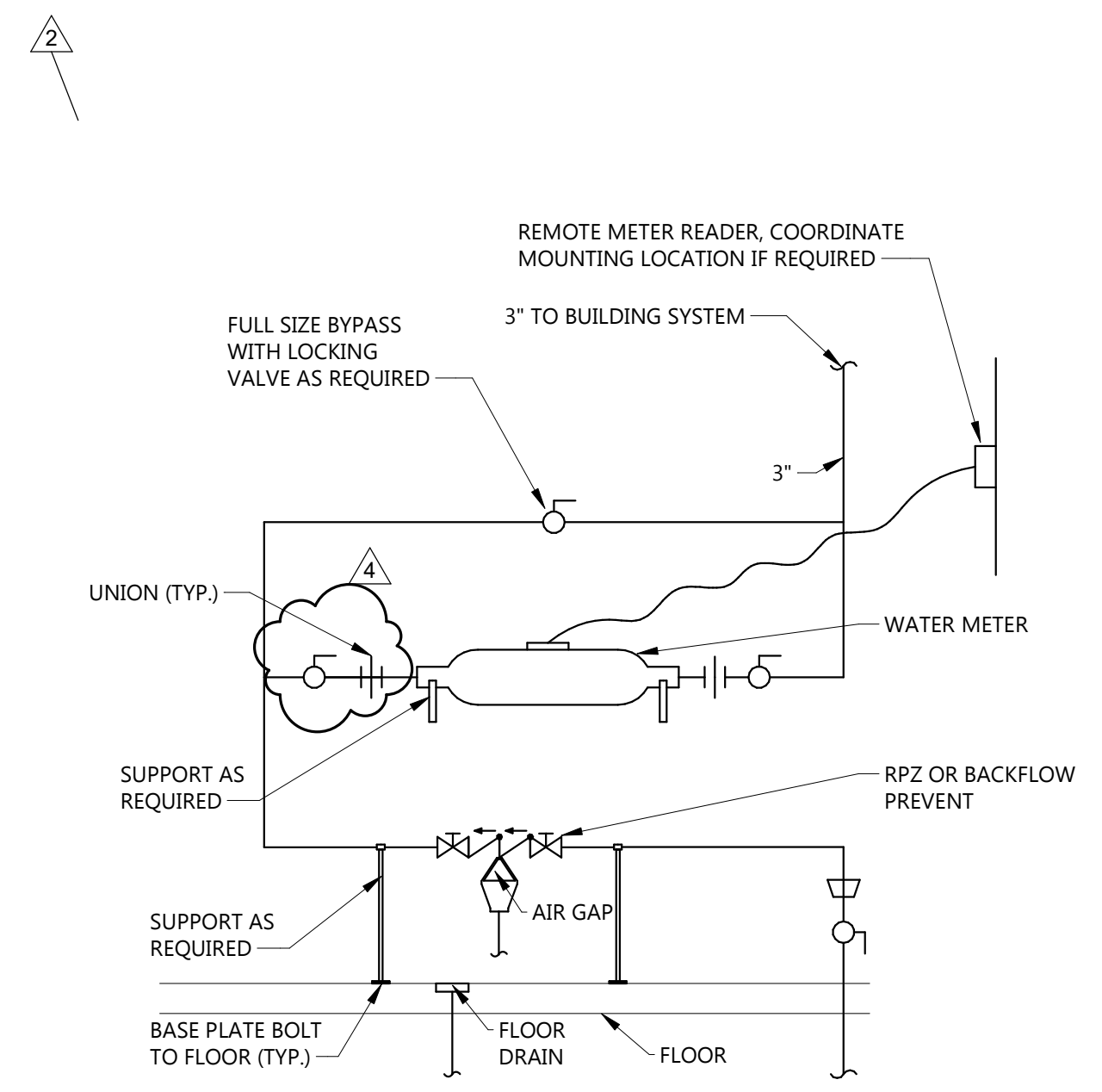


DRAWING TITLE
PLUMBING DETAILS

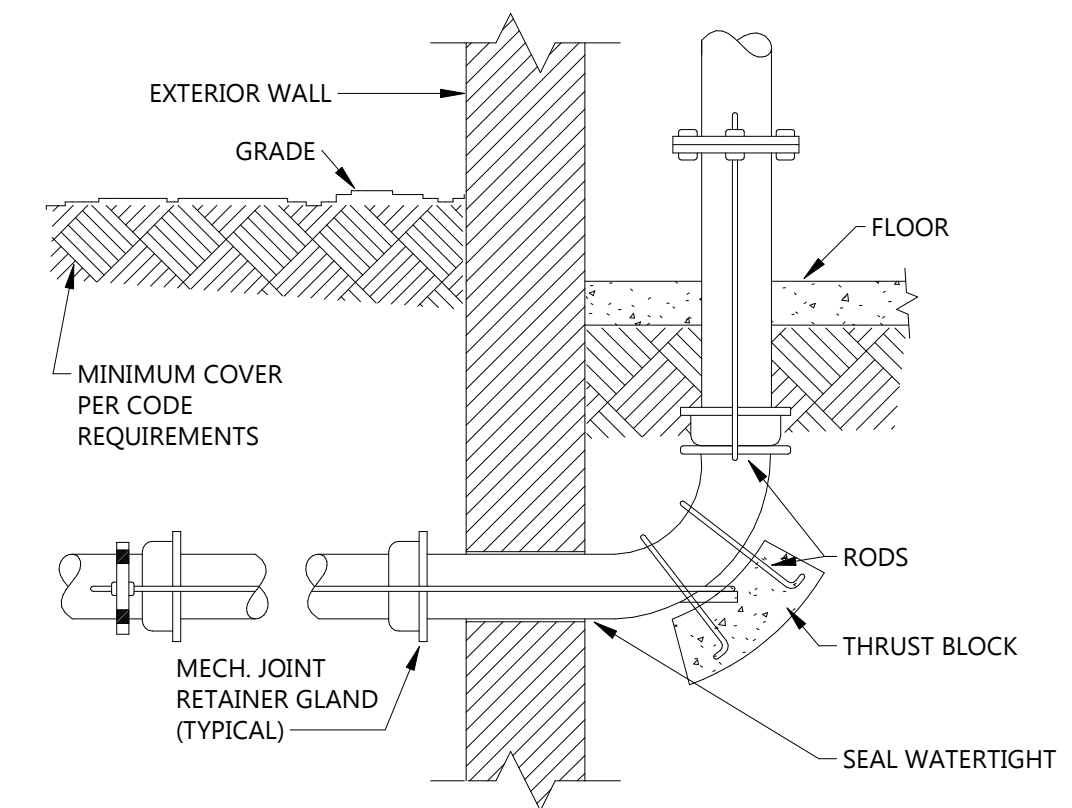
P700



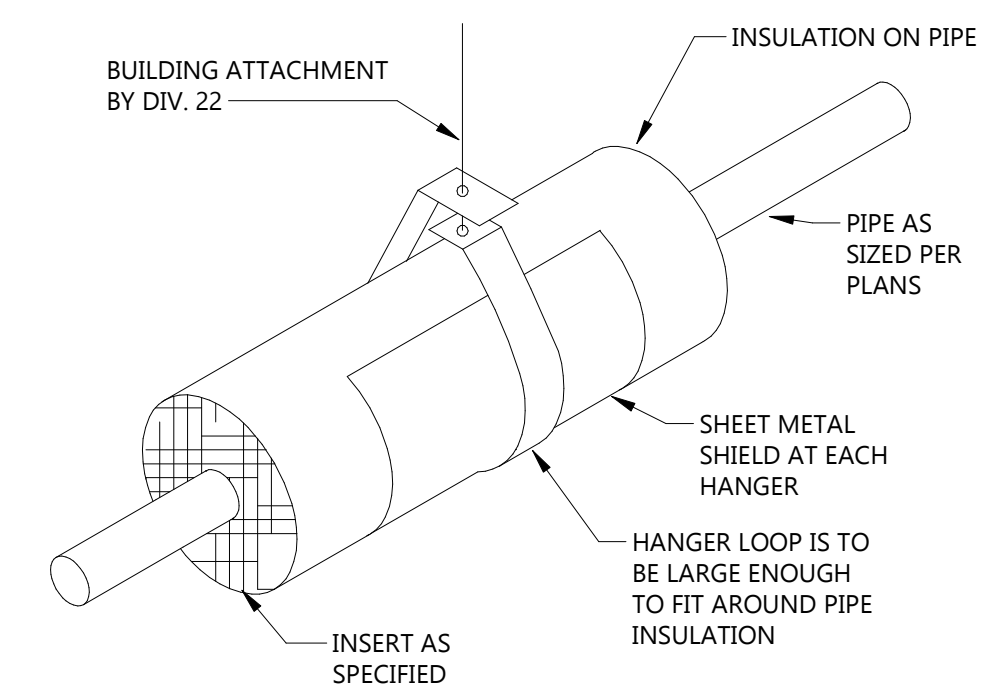
4
P700
SIMPLEX SEWAGE EJECTOR PUMP
1/8" = 1'-0"



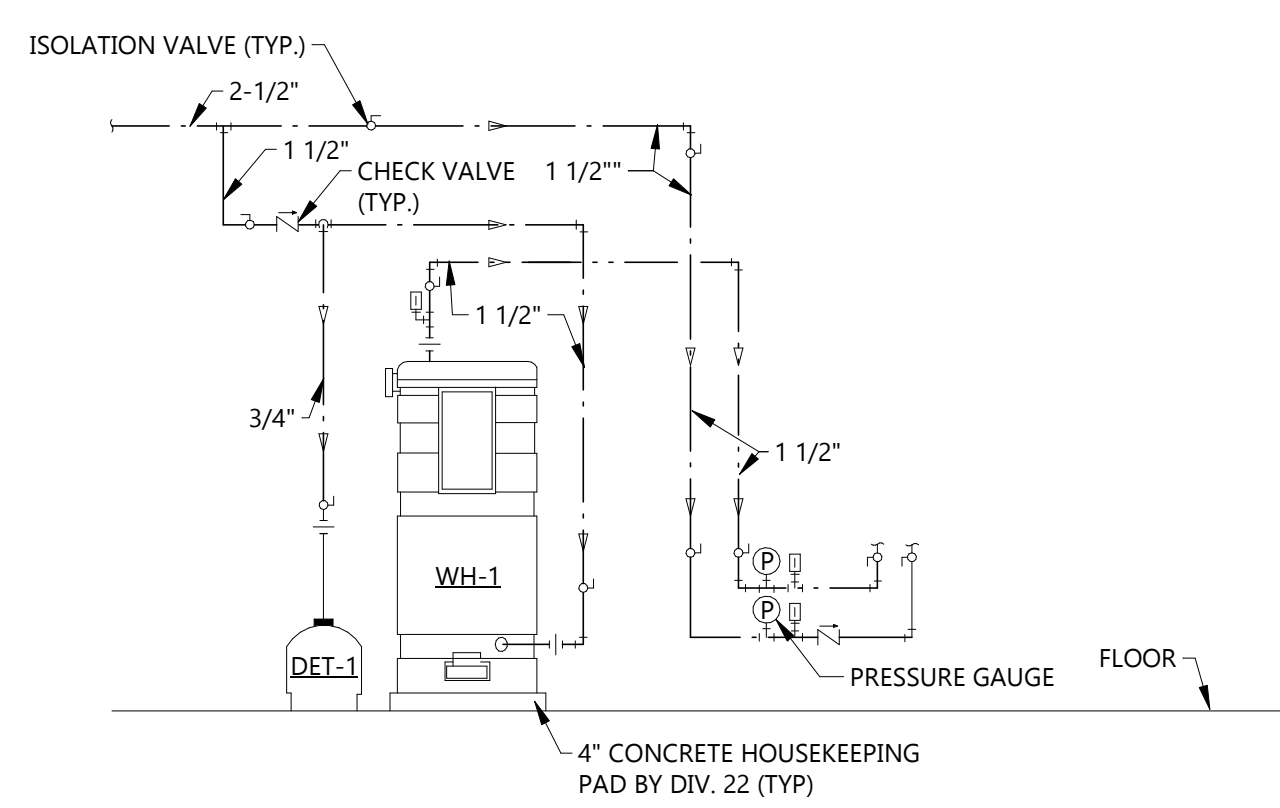
7
P700
WATER METER DETAIL
NOT TO SCALE



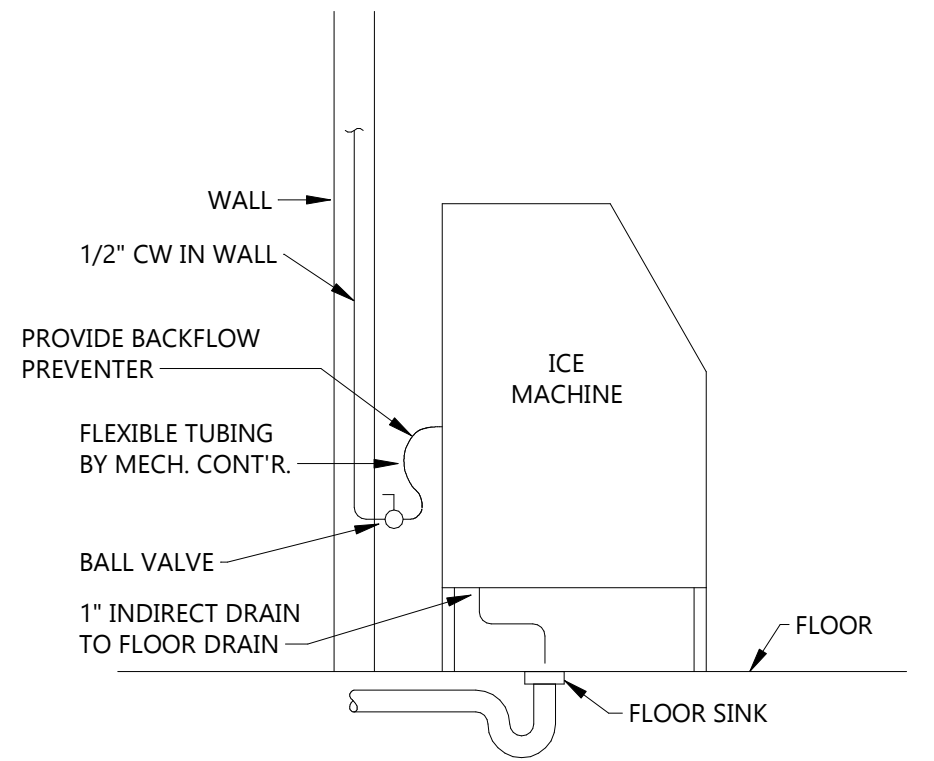
6
P700
WATER SERVICE DETAIL
NOT TO SCALE



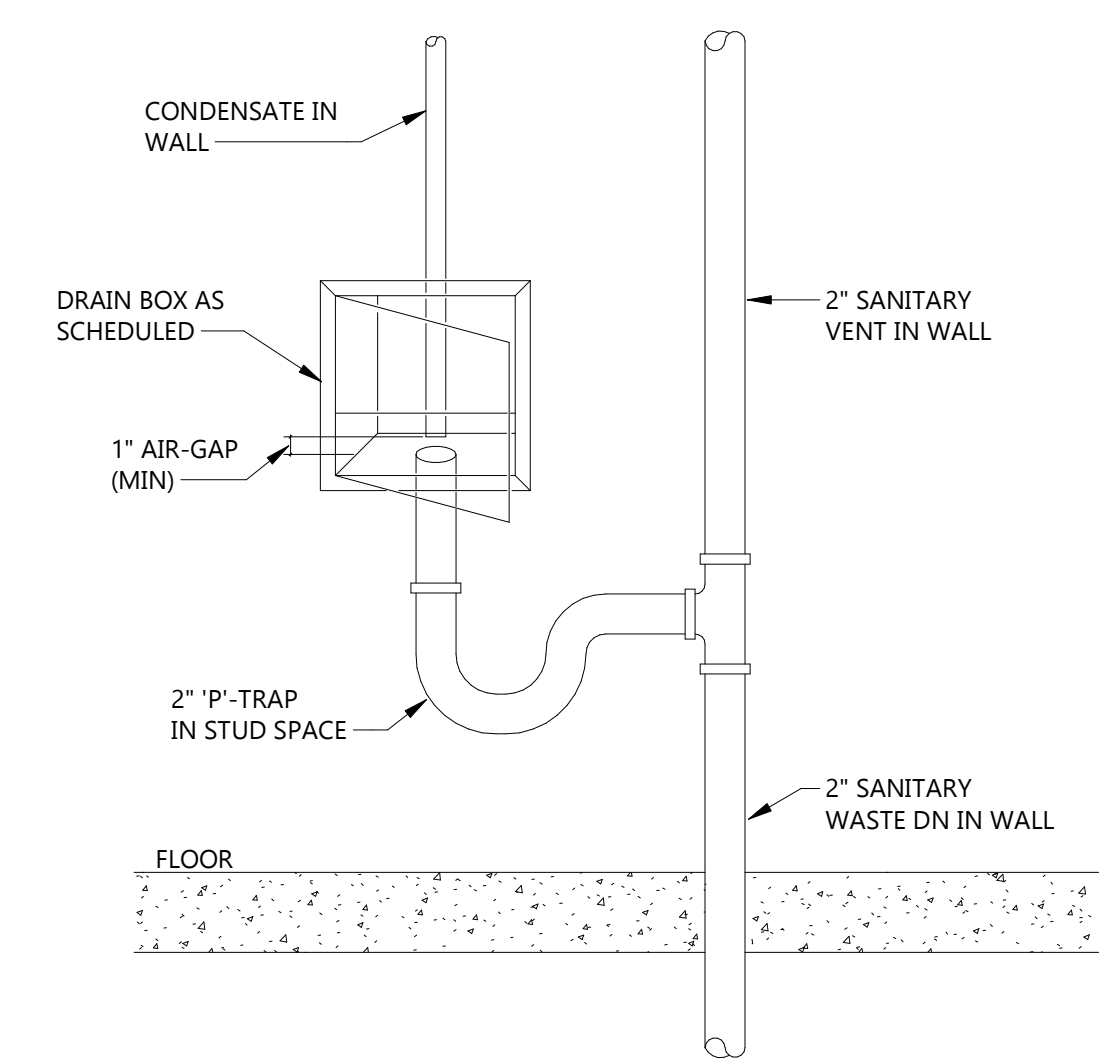
5
P700
TYPICAL PIPE HANGER DETAIL
NOT TO SCALE



3
P700
SINGLE WATER HEATER PIPING DETAIL
NOT TO SCALE



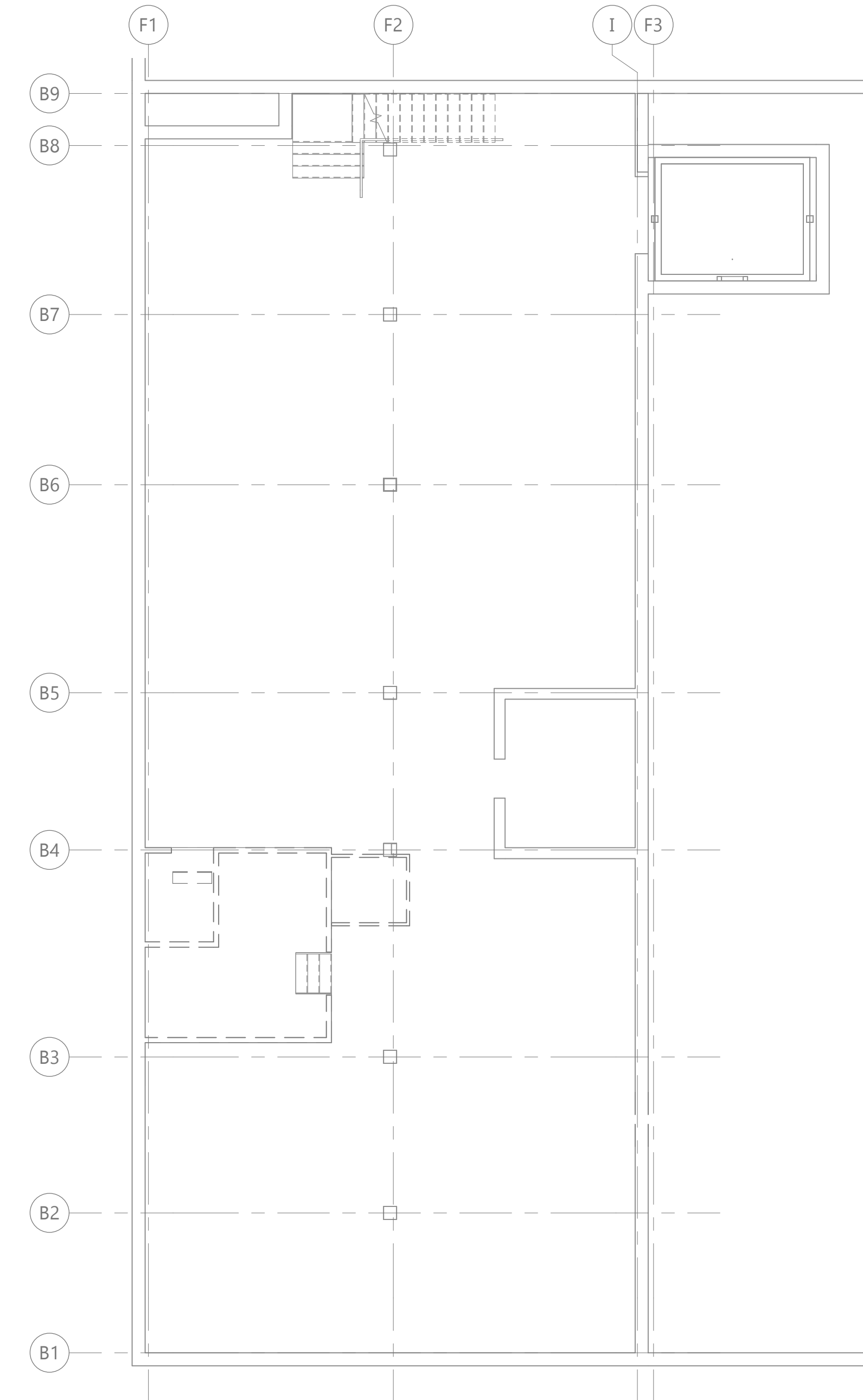
2
P700
WATER & SEWER CONNECTION TO ICE MACHINE
NO SCALE



1
P700
CONDENSATE DRAIN BOX DETAIL
NOT TO SCALE



1 FIRST FLOOR MECHANICAL DEMOLITION PLAN
M101 1/8" = 1'-0"



2 BASEMENT FLOOR DEMOLITION PLAN
M101 1/8" = 1'-0"

KEYNOTE LEGEND:

<<< INDICATES KEYNOTE ON PLAN

- MD 01 DISCONNECT, REMOVE & DISPOSE OF EXISTING GAS FIRED RADIANT TUBE HEATERS & EXHAUST VENTING & ASSOCIATED GAS PIPING, THERMOSTAT & ASSOCIATED VALVES, SUPPORTS, INSULATION, ETC. FROM THE UNIT HEATER TO THE MAIN.
- MD 02 DISCONNECT, REMOVE & DISPOSE OF UNIT HEATER & ASSOCIATED THERMOSTAT, PIPING, VALVES, SUPPORTS, INSULATION, ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION.
- MD 03 DISCONNECT, REMOVE & DISPOSE OF EXISTING GAS PIPING & ASSOCIATED HANGERS, SUPPORTS, VALVES, GAUGES, ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION. PIPING AT METER SHOULD BE VALVED & CAPPED. READY FOR UTILITY COMPANY TO REMOVE EXISTING METER.
- MD 04 DISCONNECT, REMOVE & DISPOSE OF EXISTING DUCTWORK & ASSOCIATED RELIEF HOOD & SUPPORTS, HANGERS, INSULATION ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION.
- MD 05 DISCONNECT, REMOVE & DISPOSE OF EXISTING INLINE FAN & ASSOCIATED RELIEF HOOD & DUCTWORK, INSULATION, CONTROLS, SUPPORTS, CURB, HANGERS, ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION. COORDINATE ROOF PATCHING W/ GENERAL CONTRACTOR.
- MD 06 DISCONNECT, REMOVE & DISPOSE OF EXISTING FURNACE & ASSOCIATED DUCTWORK, SUPPORTS, INSULATION, HANGERS ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION.
- MD 07 DISCONNECT, REMOVE & DISPOSE OF EXISTING LINE SETS TO THE EXISTING FURNACE, CONDENSING UNIT & ASSOCIATED PAD, PUMP DOWN ALL REFRIGERANT & DISPOSE OF PROPERLY. FIELD VERIFY EXACT SIZE & LOCATION.
- MD 08 DISCONNECT, REMOVE & DISPOSE OF EXISTING EXHAUST FAN & ASSOCIATED DUCTWORK, INSULATION, CONTROLS, SUPPORTS, CURB, HANGERS, ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION. COORDINATE ROOF PATCHING W/ GENERAL CONTRACTOR.
- MD 09 DISCONNECT, REMOVE & DISPOSE OF EXISTING GAS PIPING & ASSOCIATED SUPPORTS, HANGERS, INSULATION, ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION.
- MD 10 ALL EXTERIOR WALL PENETRATION PATCHING TO BE DONE BY GENERAL CONTRACTOR. COORDINATE W/ GENERAL CONTRACTOR.

CLIENT
SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
 STATE **ND**

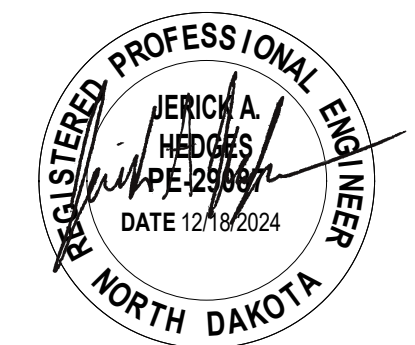
ISSUE DATES

1	BP#2	05/24/2024
CD	CONFORMED SET	06-21-2024
MARK	DESCRIPTION	DATE

PROJECT NO: **20236130**
 DRAWN BY: **LS**
 CHECKED BY: **JH**

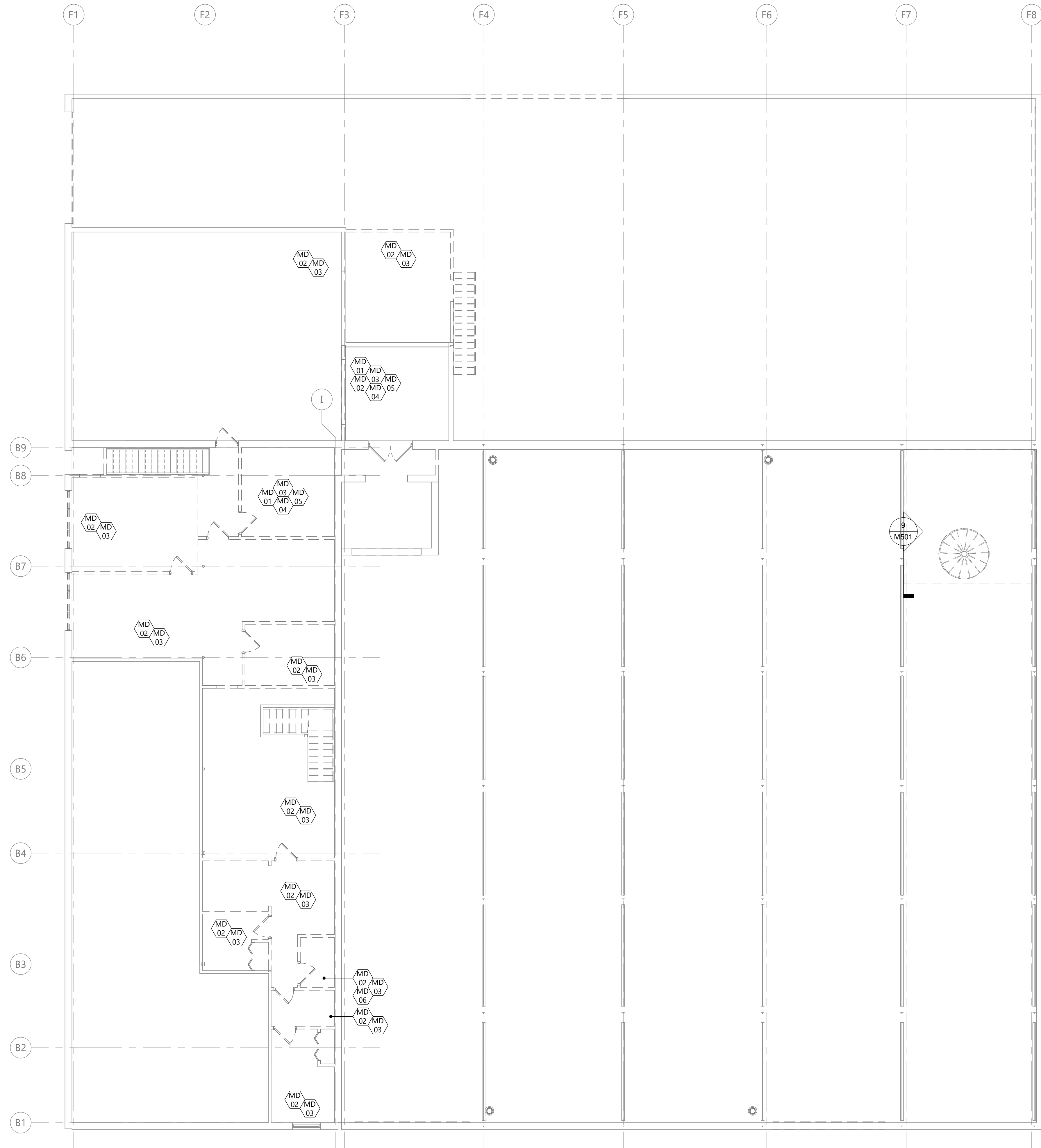
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DRAWING TITLE
BASEMENT & FIRST FLOOR MECHANICAL DEMOLITION PLAN

M101



KEYNOTE LEGEND:

◊ ◊ ◊ INDICATES KEYNOTE ON PLAN

MD 01 DISCONNECT, REMOVE & DISPOSE OF EXISTING GAS PIPING & ASSOCIATED HANGERS, SUPPORTS, VALVES, GAUGES, ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION.

MD 02 DISCONNECT, REMOVE & DISPOSE OF EXISTING DUCTWORK & ASSOCIATED SUPPORTS, HANGERS, INSULATION ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION.

MD 03 DISCONNECT, REMOVE & DISPOSE OF EXISTING GRILLE, REGISTERS, DIFFUSERS & ASSOCIATED DUCTWORK AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION.

MD 04 DISCONNECT, REMOVE & DISPOSE OF EXISTING FURNACE & ASSOCIATED DUCTWORK, SUPPORTS, INSULATION, HANGERS ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION.

MD 05 DISCONNECT, REMOVE & DISPOSE OF EXISTING LINE SETS TO THE EXISTING FURNACE, CONDENSING UNIT & ASSOCIATED PAD. PUMP DOWN ALL REFRIGERANT & DISPOSE OF PROPERLY. FIELD VERIFY EXACT SIZE & LOCATION.

MD 06 DISCONNECT, REMOVE & DISPOSE OF EXHAUST FAN & ASSOCIATED DUCTWORK, INSULATION, CONTROLS, SUPPORTS, CURB, HANGERS, ETC. AS INDICATED BY HATCH. FIELD VERIFY EXACT SIZE & LOCATION. COORDINATE ROOF PATCHING W/ GENERAL CONTRACTOR.

EAPC

Architecture Engineering
Interior Design Industrial

TELE 701.609.5290 FAX 701.609.5290*51
313 Main Street, Suite 308, Williston ND 58801

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SCULLY DESIGN BUILD, INC.

PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

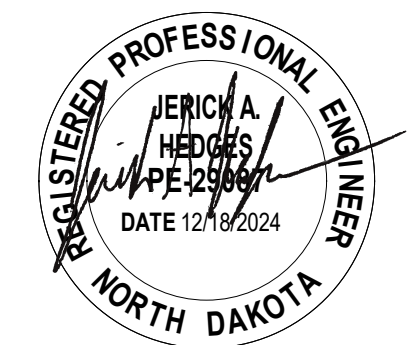
ISSUE DATES

1	BP#2	05/24/2024
CD	CONFORMED SET	06-21-2024
MARK	DESCRIPTION	DATE

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DRAWING TITLE
SECOND FLOOR MECHANICAL DEMOLITION PLAN

M102

1 SECOND FLOOR MECHANICAL DEMOLITION PLAN
M102 1/8" = 1'-0"

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GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

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4	BP#3	12/18/2024
1	BP#2	05/24/2024
CD	CONFORMED SET	06-21-2024

PROJECT NO: **20236130**
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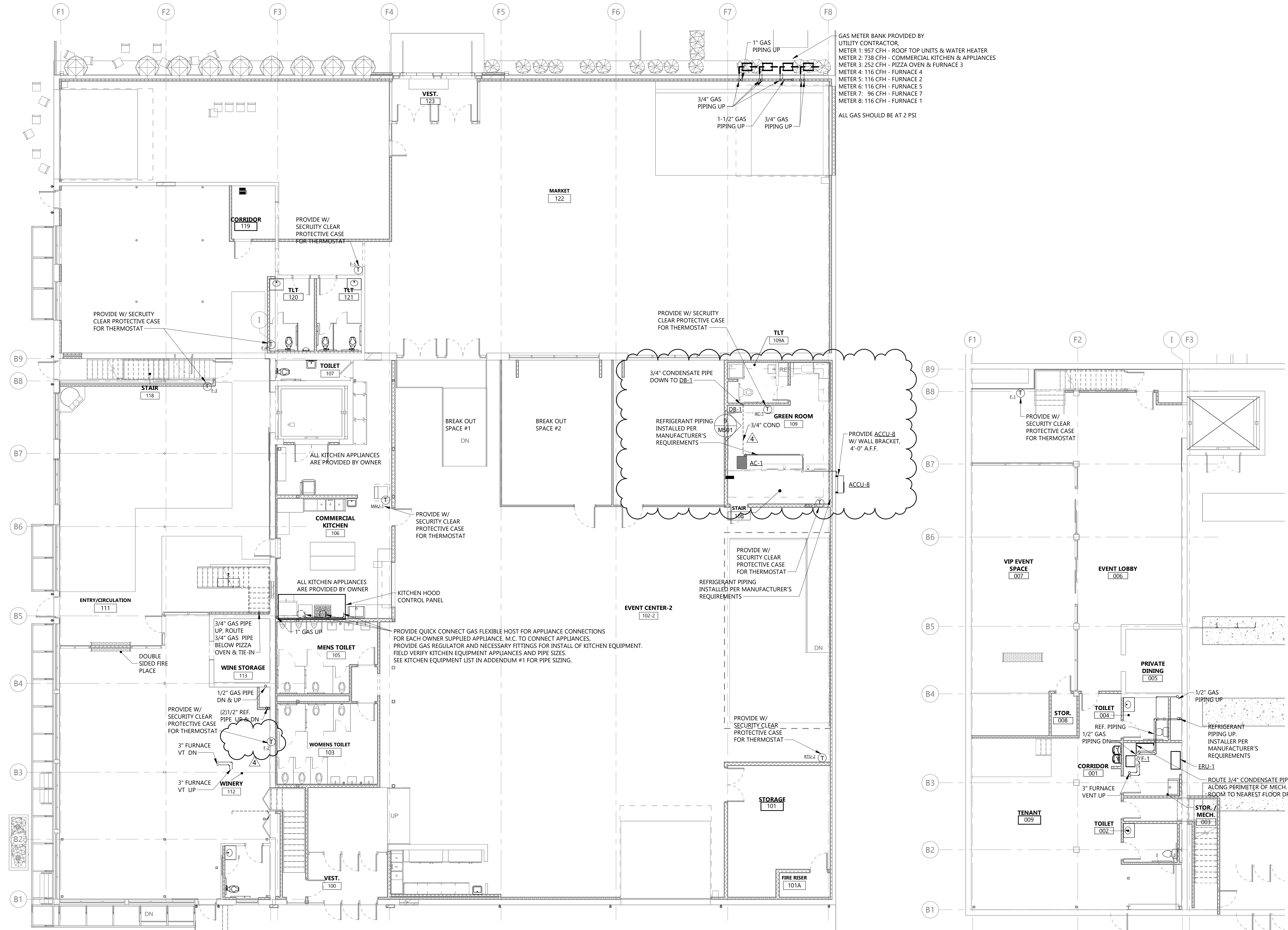
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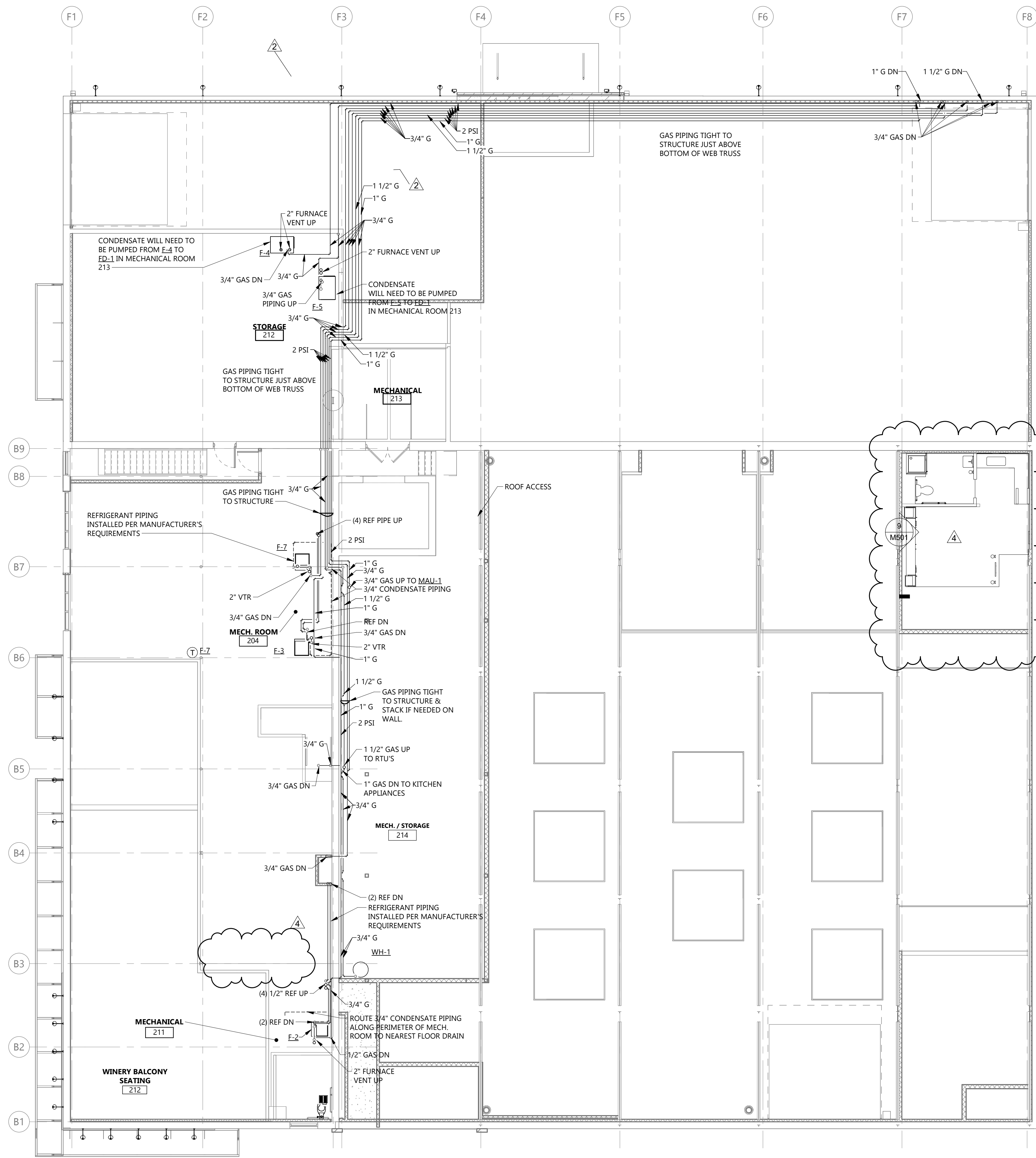
DRAWING TITLE
BASEMENT & FIRST FLOOR HEATING PIPING PLAN

M201



3 FIRST FLOOR HEAT PIPING PLAN
M201 1/8" = 1'-0"

1 BASEMENT HEATING PIPING PLAN
M201 1/8" = 1'-0"



GENERAL NOTES
 1. FLOOR CUTTING & REMOVAL OF DEBRIS TO DISCARD FOR GAS PIPE PENETRATIONS TO BE DONE BY M.C. COORDINATE W/ G.C.

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 GREAT NORTHERN

CITY WILLISTON
 STATE ND

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MARK	DESCRIPTION	DATE
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1	BP#2	05/24/2024
CD	CONFORMED SET	06-21-2024

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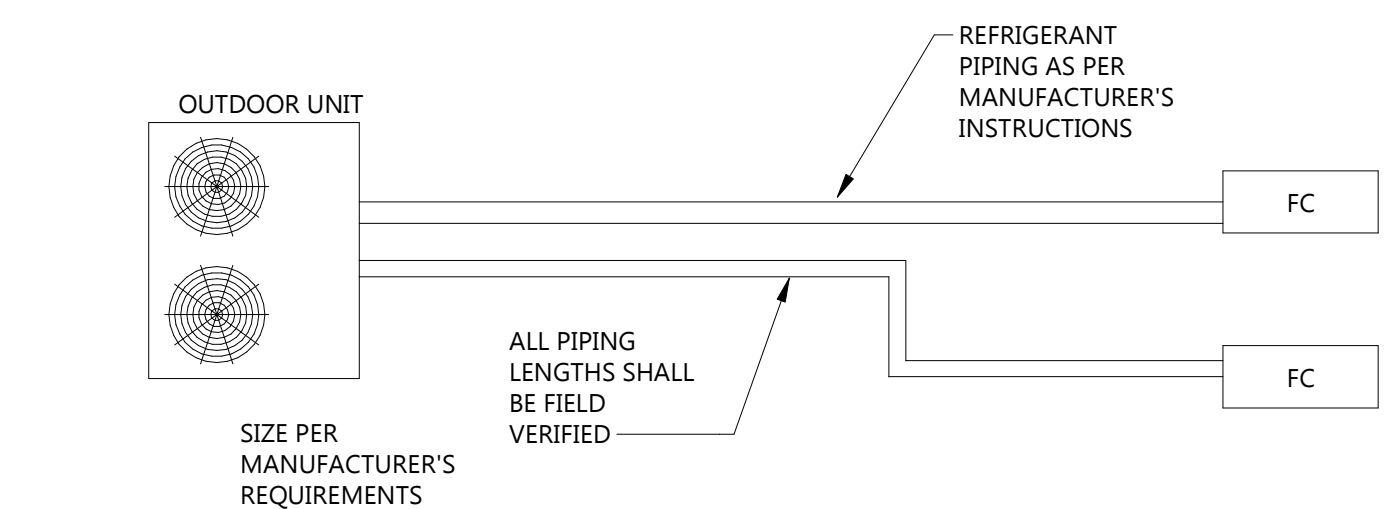
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DRAWING TITLE
 SECOND FLOOR HEATING PIPING PLAN

M202

1 SECOND FLOOR HEATING PIPING PLAN
 1/8" = 1'-0"



2 MULTI-MINI SPLIT SYSTEM TYPICAL PIPING DETAIL
 1/8" = 1'-0"

Rev'd Version: 2022
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GENERAL NOTES

1. ALL SUPPLY AIR & EXHAUST AIR DUCTS REQUIRE BALANCING DAMPERS TO AIR TERMINALS. SEE DETAIL 1/M601 FOR ADDITIONAL INFORMATION.



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PROJECT DESCRIPTION
GREAT NORTHERN

CITY WILLISTON
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MARK	DESCRIPTION	DATE
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1	BP#2	05/24/2024
CD	CONFORMED SET	06-21-2024

PROJECT NO: 20236130

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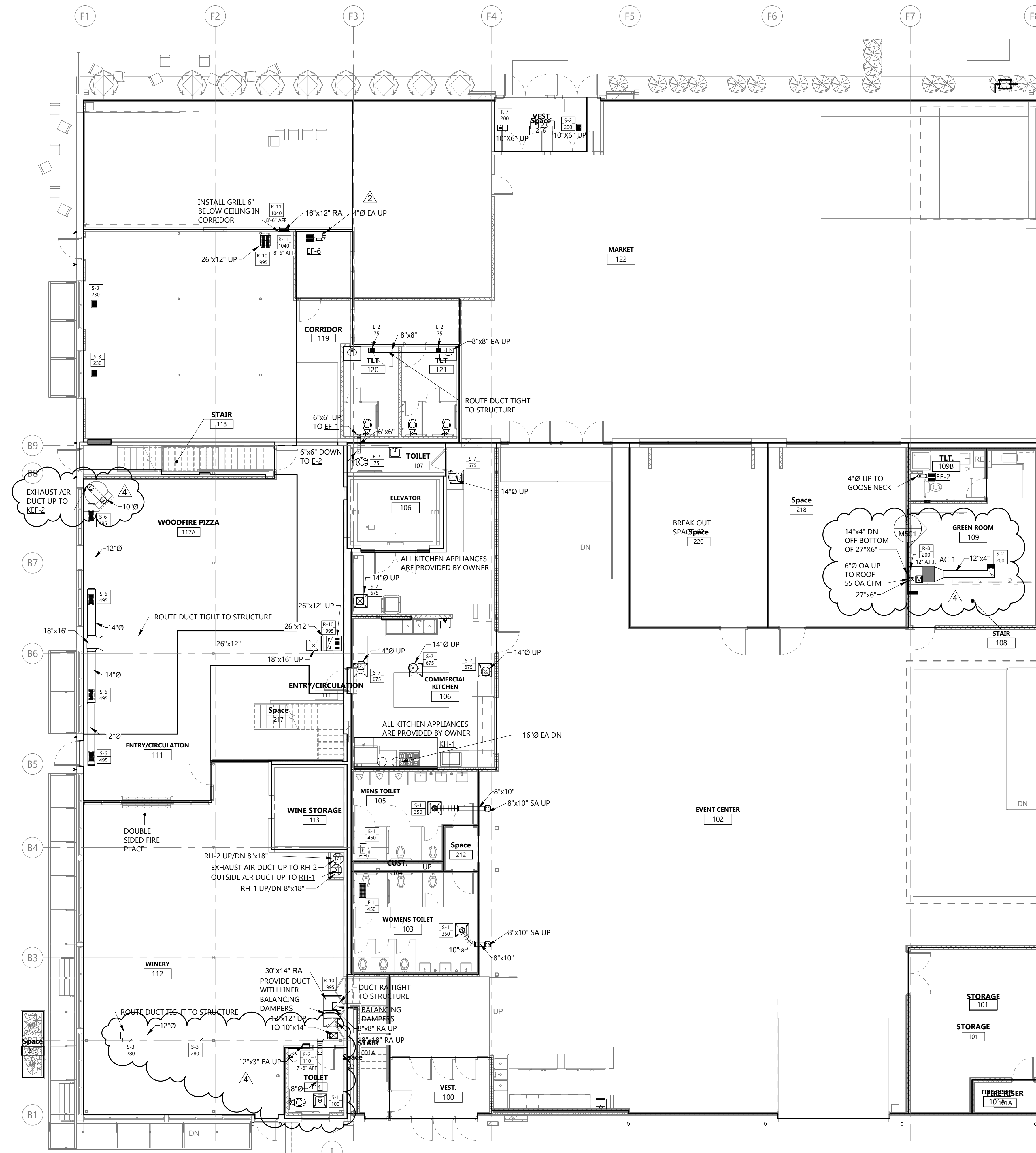
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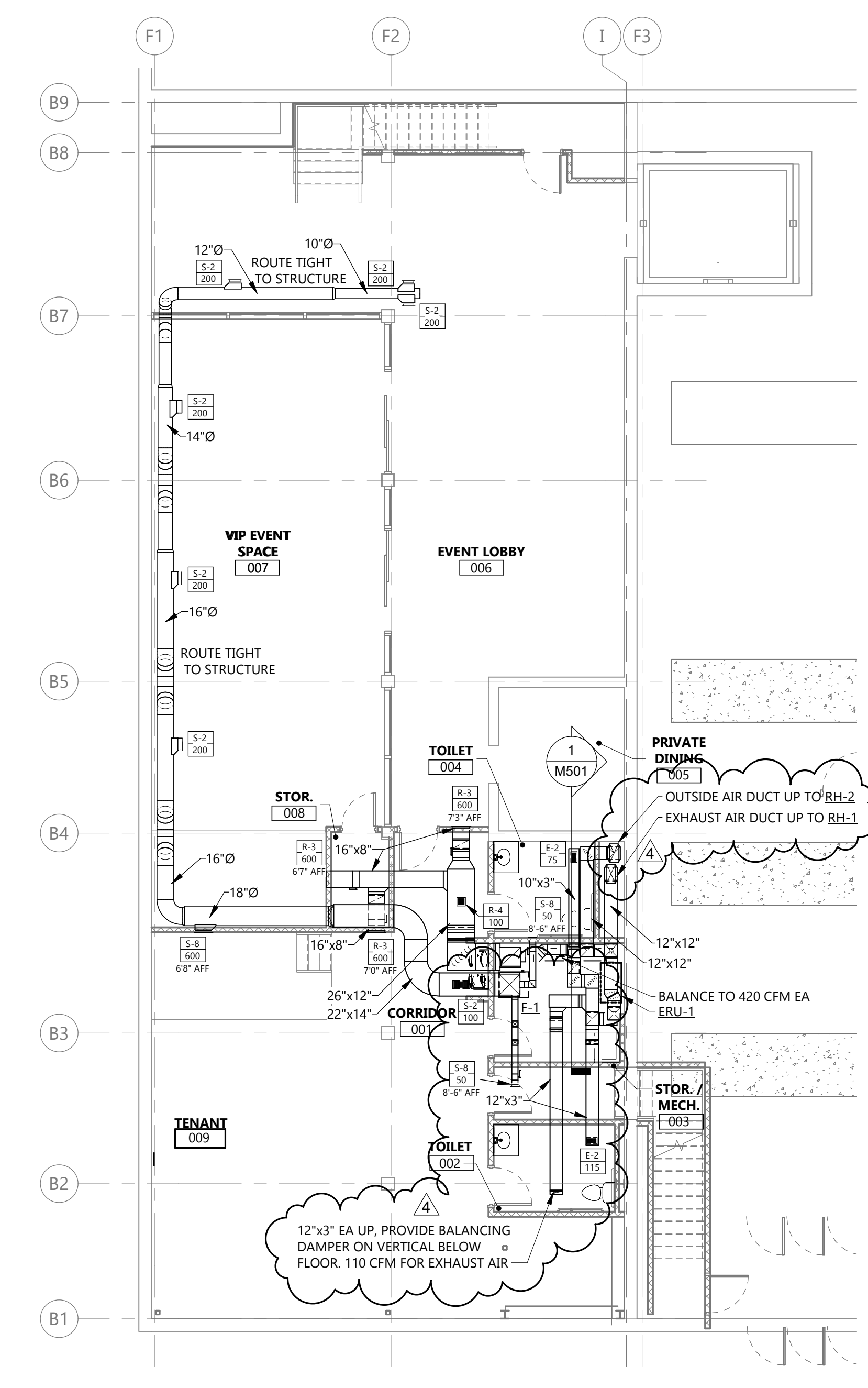


DRAWING TITLE
BASEMENT & FIRST
FLOOR VENTILATION
PLAN

M301



1 FIRST FLOOR VENTILATION PLAN
1/8" = 1'-0"



2 BASEMENT VENTILATION PLAN
1/8" = 1'-0"

Rev'd Version: 2022
 Plot Date: 12/19/2024 4:54:05 PM

GENERAL NOTES

- FLOOR CUTTING & REMOVAL OF DEBRIS TO DISCARD FOR DUCT PENETRATIONS TO BE DONE BY M.C. COORDINATE W/ G.C.
- ALL SUPPLY AIR & EXHAUST AIR DUCTS REQUIRE BALANCING DAMPERS TO AIR TERMINALS. SEE DETAIL 17/M601 FOR ADDITIONAL INFORMATION.



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1	BP#2	05/24/2024
CD	CONFORMED SET	06-21-2024

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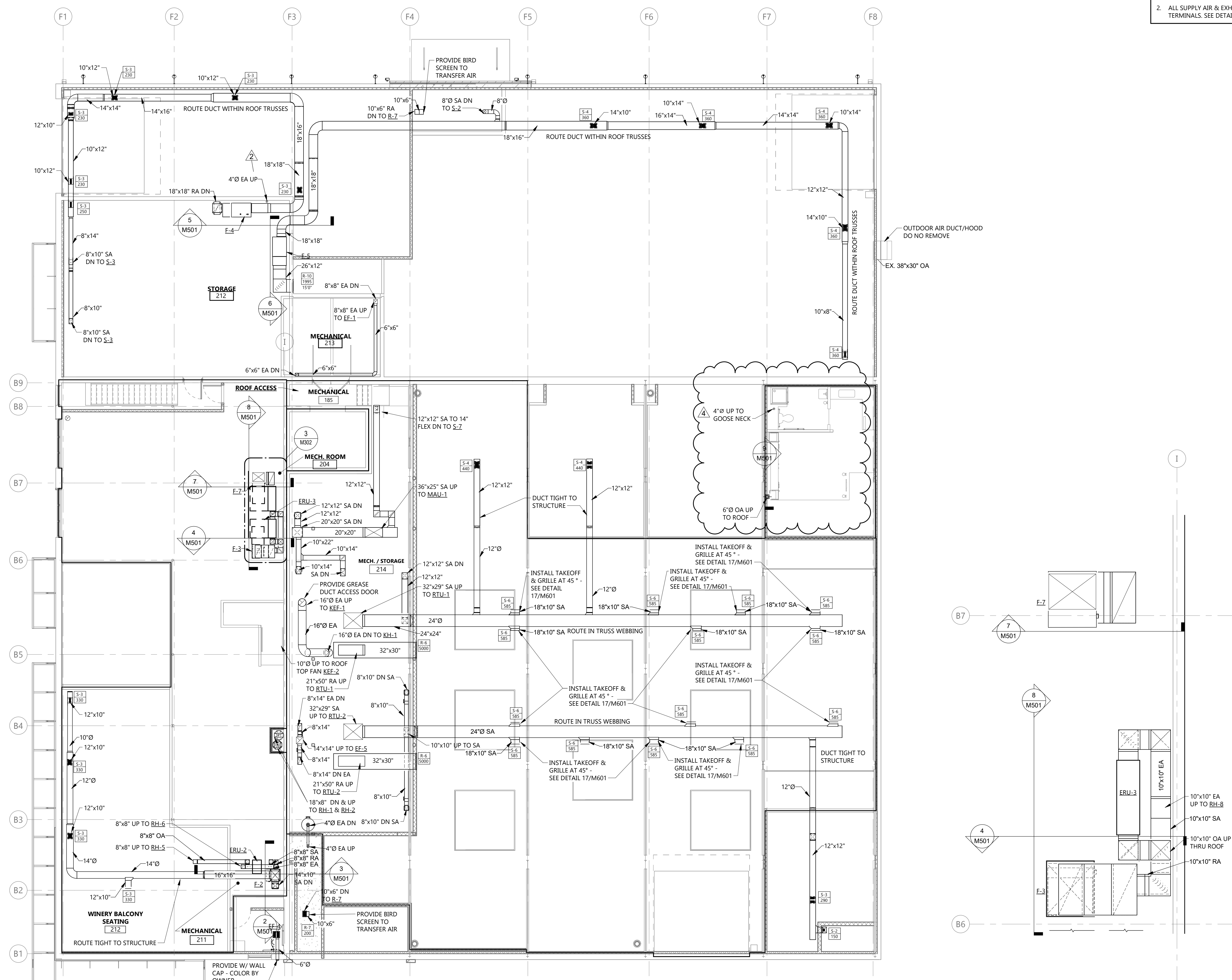
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DRAWING TITLE
SECOND FLOOR VENTILATION PLAN

M302



1 SECOND FLOOR VENTILATION PLAN
M302 1/8" = 1'-0"

3 MECHANICAL ROOM ENLARGED PLAN
M302 1/2" = 1'-0"

Rev'd Version: 2022
Plot Date: 12/19/2024 4:54:46 PM

MARK	DESCRIPTION	DATE
4	BP#3	12/18/2024
2	BP#2 - ADDENDUM 1	06/10/2024
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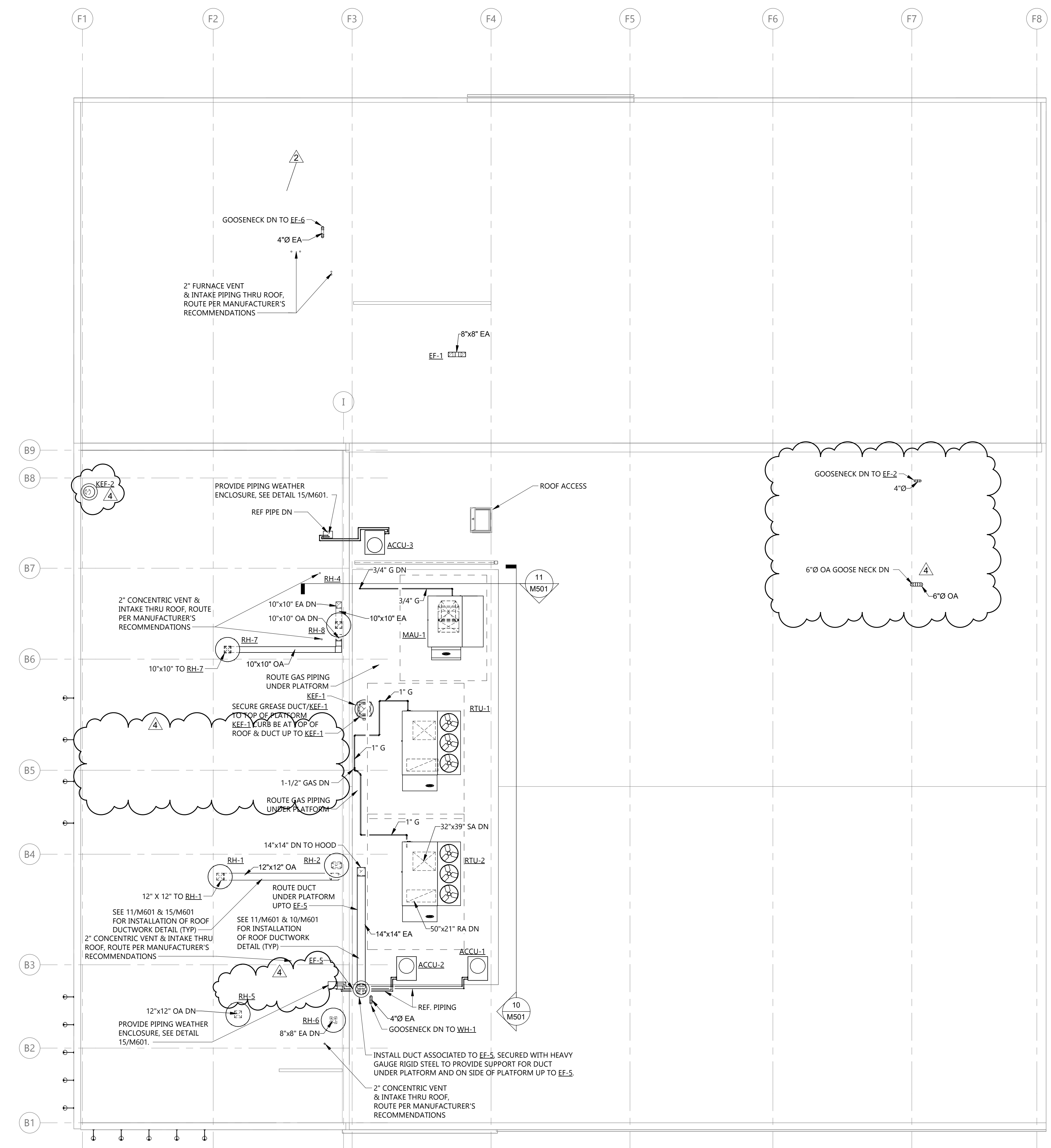
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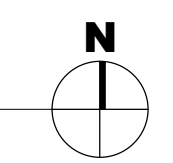
DRAWING TITLE
MECHANICAL ROOF PLAN

M303

- SEQUENCE OF OPERATION**
- 1.1. FURNACE (F-1/ACCU-1/ERU-1, F-2/ACCU-2/ERU-2, & F-3/ACCU-3/ERU-3):**
- Space temperature thermostat with seven-day clock and fan-on, auto/heat, off, cool capabilities to initiate heating and cooling when required. Seven-day time clock to have "Occupied/Unoccupied" modes.
 - When in the "OCCUPIED" mode, the furnace and associated ERV will run continuously. The ERV and associated motor operated dampers will be open.
 - When in the "UNOCCUPIED" mode, the associated ERV, will be off with the dampers closed and the furnace fan will start as heating or cooling is initiated, run for the duration of the cycle and the shut off.
 - When the fan switch is in the "ON" position, the system shall operate continuously in the "occupied" mode and when in the "AUTO" position the system shall operate automatically through "OCCUPIED/ UNOCCUPIED" times as determined by the owner.
 - When in the "COOL" position and there is a requirement for cooling, the mechanical cooling unit and coil shall cycle to satisfy cooling requirements in maintaining the adjustable space temperature setpoint.
 - DX Cooling Coil: During occupied periods, when fan is running, thermostat energizes associated condensing unit to maintain space temperature.
 - During unoccupied periods, when there is no call for cooling, the fan shall be off & associated ACCU shall be off.
 - During unoccupied periods, when there is a call for cooling, the fan shall turn on & associated ACCU shall run until space temperature is satisfied then fan and ACCU shall shut off.
 - When in the "HEAT" position, the thermostat will stage the burners as heat is required to satisfy the space temperature setpoint.
 - When in the "Off" position, the furnace will not run.
- 1.2 FURNACE (F-4, F-5, & F-7):**
- Space temperature thermostat with seven-day clock and fan-on, auto/heat, off, cool capabilities to initiate heating and cooling when required. Seven-day time clock to have "Occupied/Unoccupied" modes.
 - When in the "OCCUPIED" mode, the furnace will run continuously. The associated motor operated dampers will be open.
 - When in the "UNOCCUPIED" mode, the furnace will be off with the associated motor dampers closed and the furnace fan will start as heating is initiated, run for the duration of the cycle and the shut off.
 - When the fan switch is in the "ON" position, the system shall operate continuously in the "occupied" mode and when in the "AUTO" position the system shall operate automatically through "OCCUPIED/ UNOCCUPIED" times as determined by the owner.
 - When in the "HEAT" position, the thermostat will stage the burners as heat is required to satisfy the space temperature setpoint.
 - When in the "Off" position, the furnace will not run.
- 2.1 SPLIT SYSTEM HEAT PUMP SYSTEM (ACCU-8 & AC-1):**
- Split system heat pump provided with programmable thermostat with auto switchover from heating to cooling and cooling to heating.
 - Supply air fan shall run continuously during occupied hours determined via thermostat or time clock (time clock by div 23)
 - On a call for heating or cooling the unit shall energize its associated condensing unit and run until space temperature set point is met then shut off.
- 3.1 ROOF TOP EQUIPMENT (RTU-1 & RTU-2)**
- Space temperature thermostat with seven-day clock and fan-on, auto/heat, off, cool capabilities to initiate heating and cooling when required. Seven-day time clock to have "Occupied/Unoccupied" modes.
- 4.1 KITCHEN MAU & KITCHEN EXHAUST FAN (MAU-1/KH-1 & KEF-1):**
- Interlock kitchen hood KH-1 controls with KEF-1 and MAU-1. MAU-1 controller to modulate burner to maintain a discharge are temperature of 65°F (adj.). Discharge temperature to be adjustable from room.
- 2.1. EXHAUST FANS (EF-1, EF-2, EF-4, EF-5, & KEF-2):**
- EF-1, EF-2, EF-4, EF-5 FAN CONTROLLED BY WALL SWITCH, SWITCH BY ELECTRICAL CONTRACTOR. KEF-2: FAN CONTROLLED BY PIZZA OVEN, WHEN PIZZA OVEN IS TURNED ON KEF-2 WILL RUN. KEF-1: Exhaust shall be operated by kitchen hood controller, see sequence for kitchen hood above.
- END OF SECTION 23 0993.11



1 MECHANICAL ROOF PLAN
M303 1/8" = 1'-0"



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PROJECT DESCRIPTION
GREAT NORTHERN

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PROJECT NO: **20236130**

DRAWN BY: **LS**

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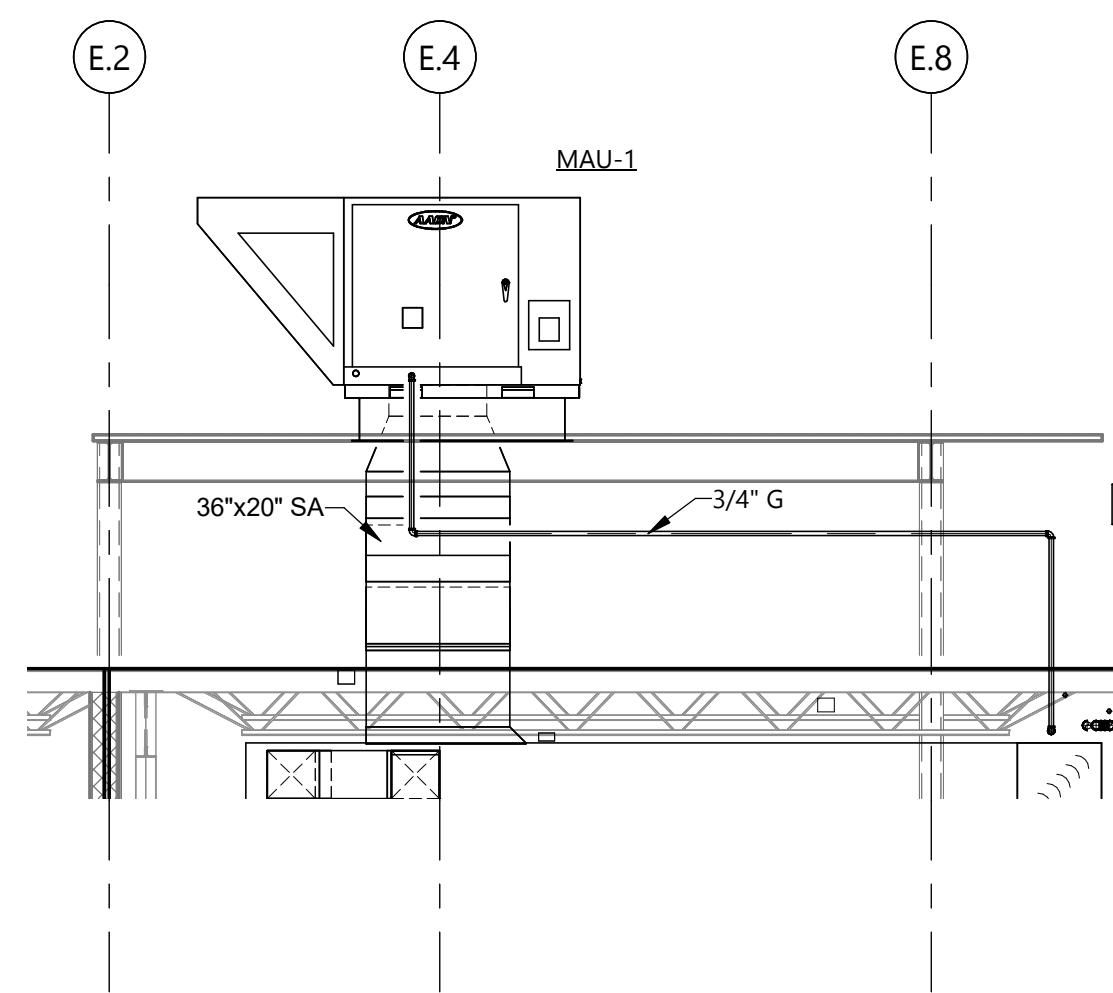
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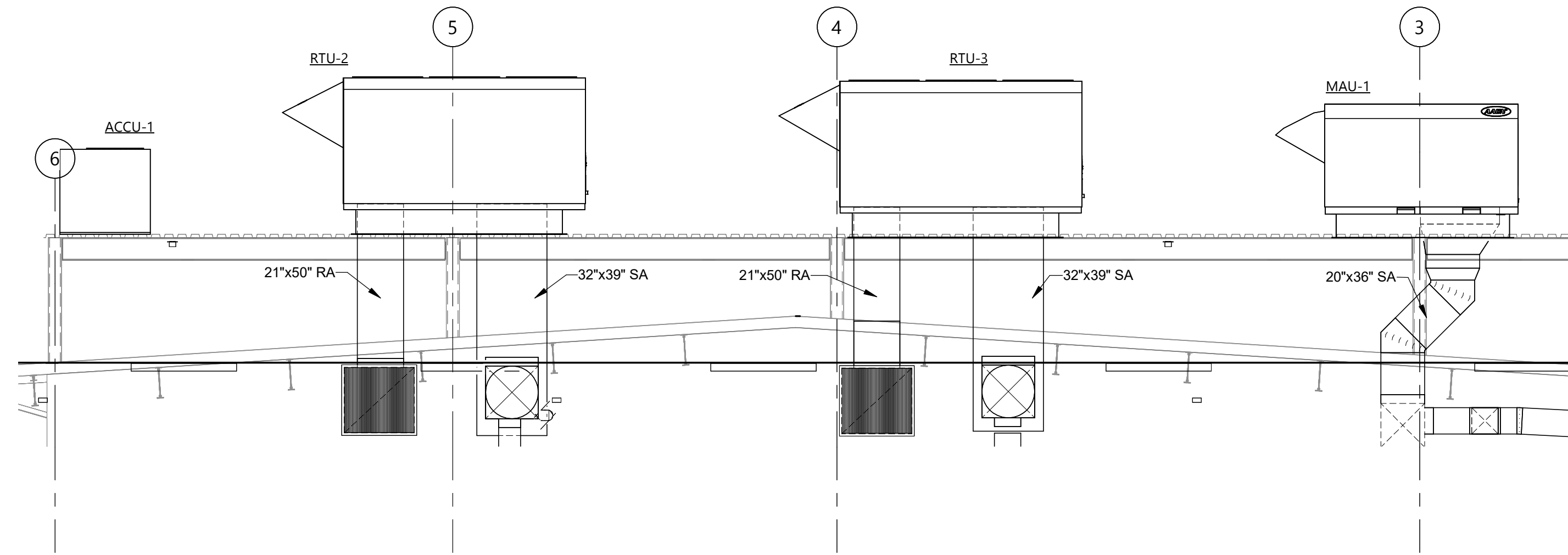


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MECHANICAL SECTIONS

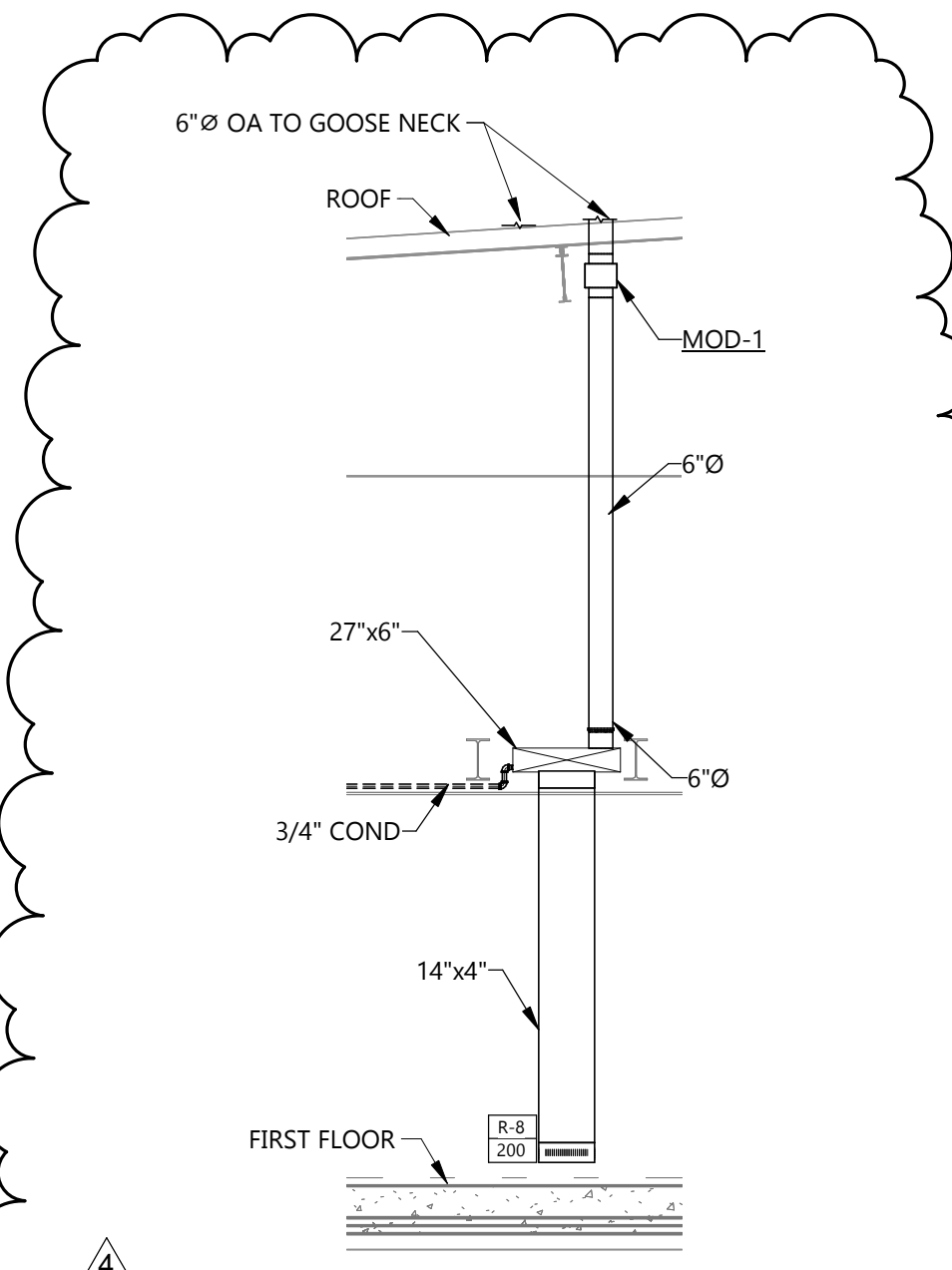
M501



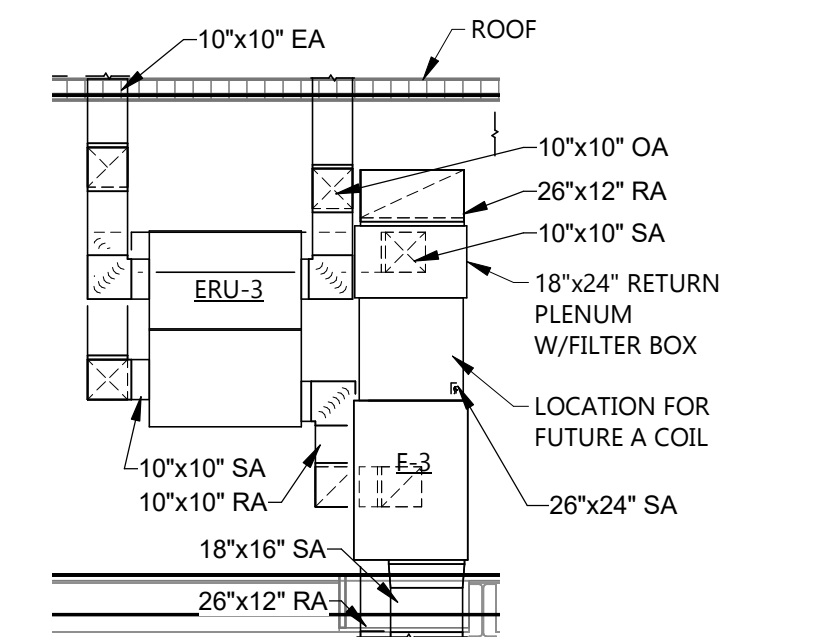
11 RTU-1 SECTION VIEW SOUTH
M501 1/4" = 1'-0"



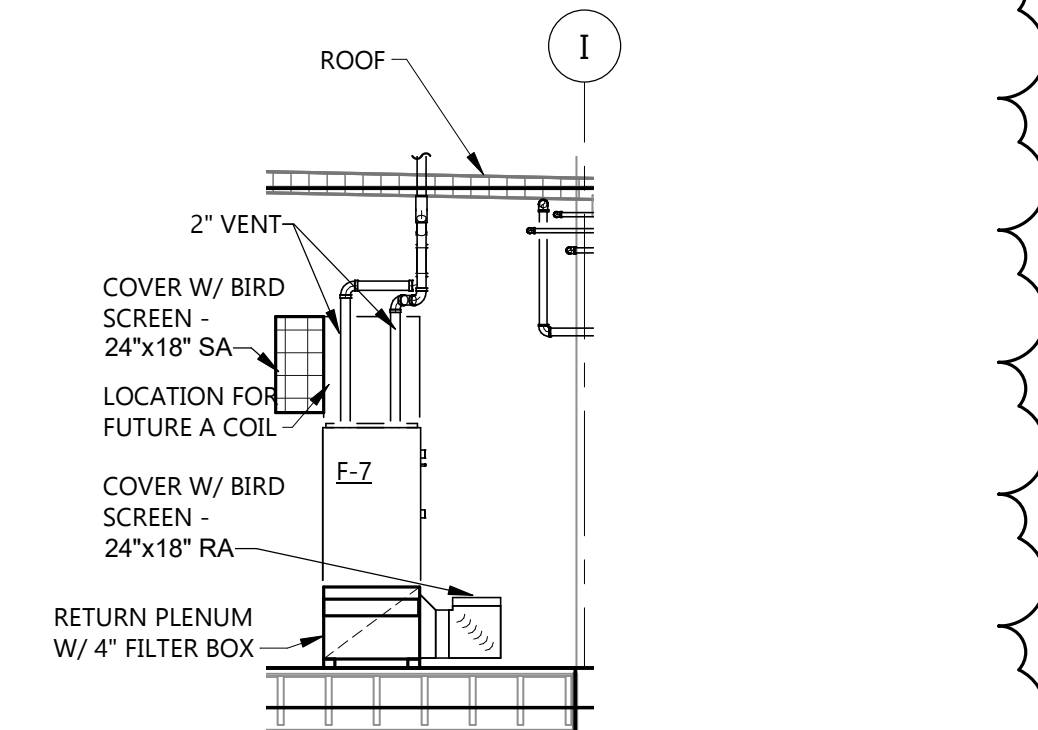
10 RTU-1, RTU-2, & ACCU-1 SECTION VIEW WEST
M501 1/4" = 1'-0"



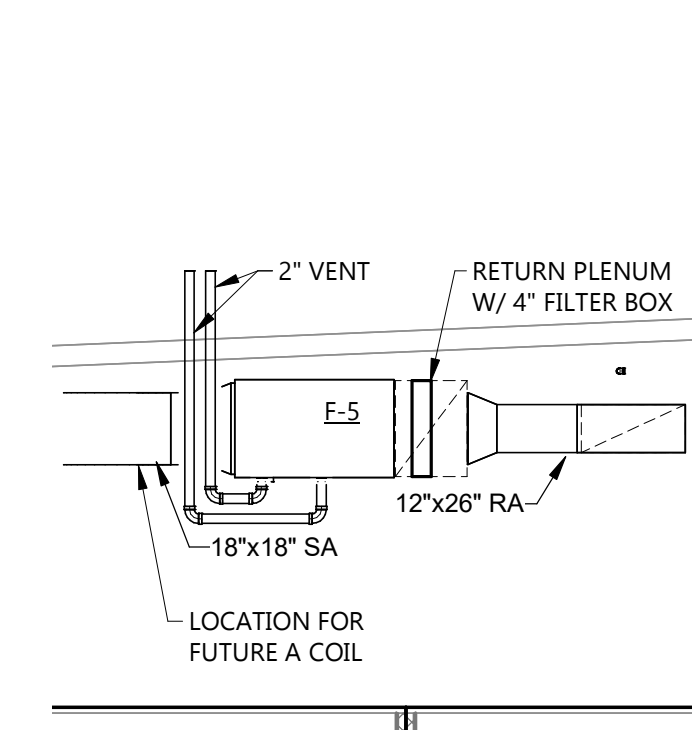
9 MOD-1 SECTION VIEW
M501 1/4" = 1'-0"



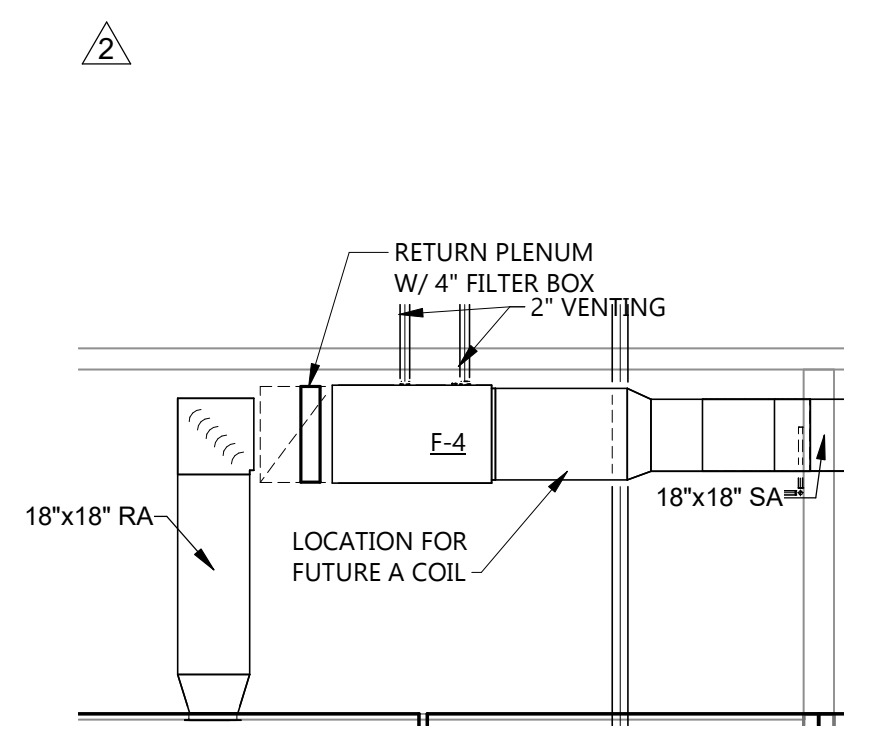
8 ERU-3 SECTION VIEW
M501 1/4" = 1'-0"



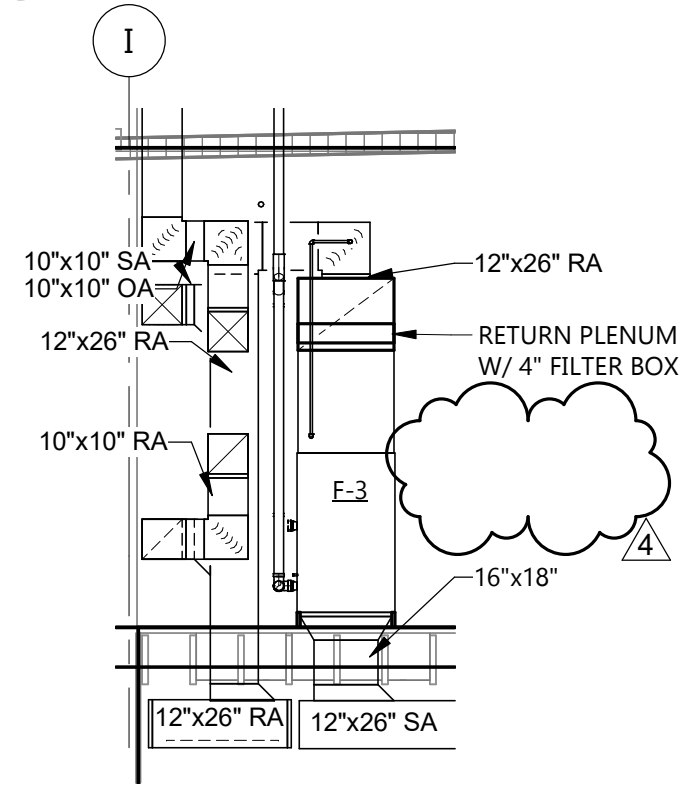
7 FURNACE 7 SECTION VIEW
M501 1/4" = 1'-0"



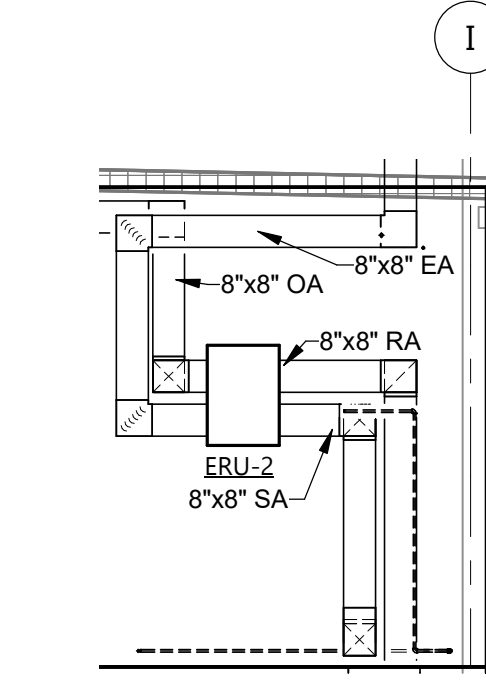
6 FURNACE 5 SECTION VIEW
M501 1/4" = 1'-0"



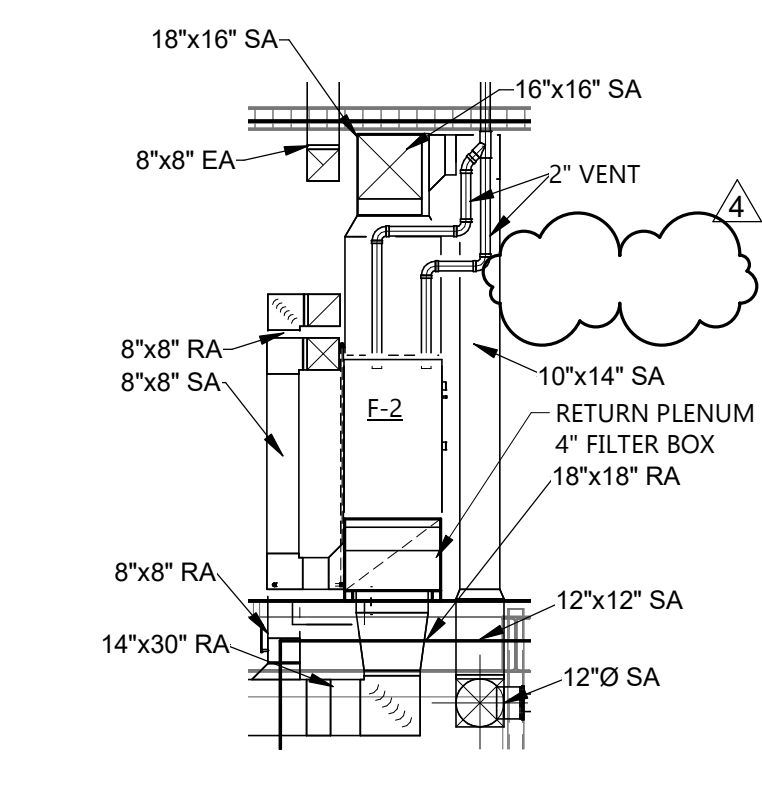
5 FURNACE 4 SECTION VIEW
M501 1/4" = 1'-0"



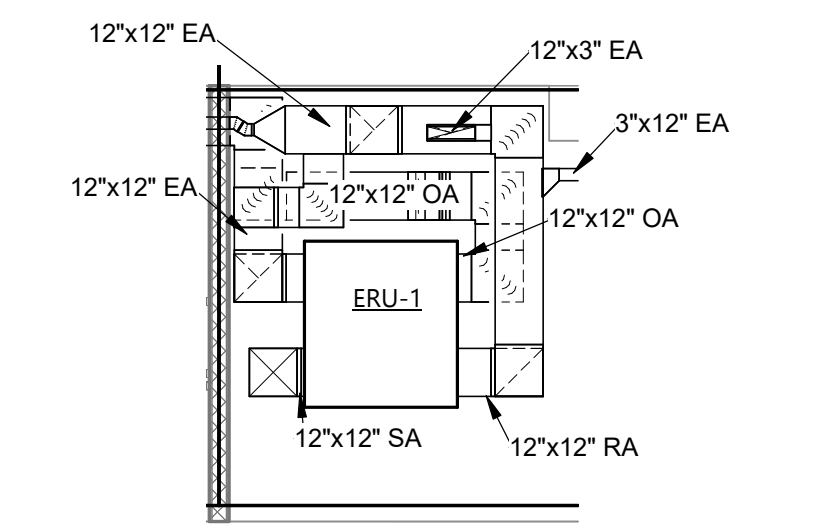
4 FURNACE 3 SECTION VIEW
M501 1/4" = 1'-0"



3 ERU-2 SECTION VIEW
M501 1/4" = 1'-0"



2 FURNACE 2 SECTION VIEW
M501 1/4" = 1'-0"



1 ERU-1 SECTION VIEW
M501 1/4" = 1'-0"

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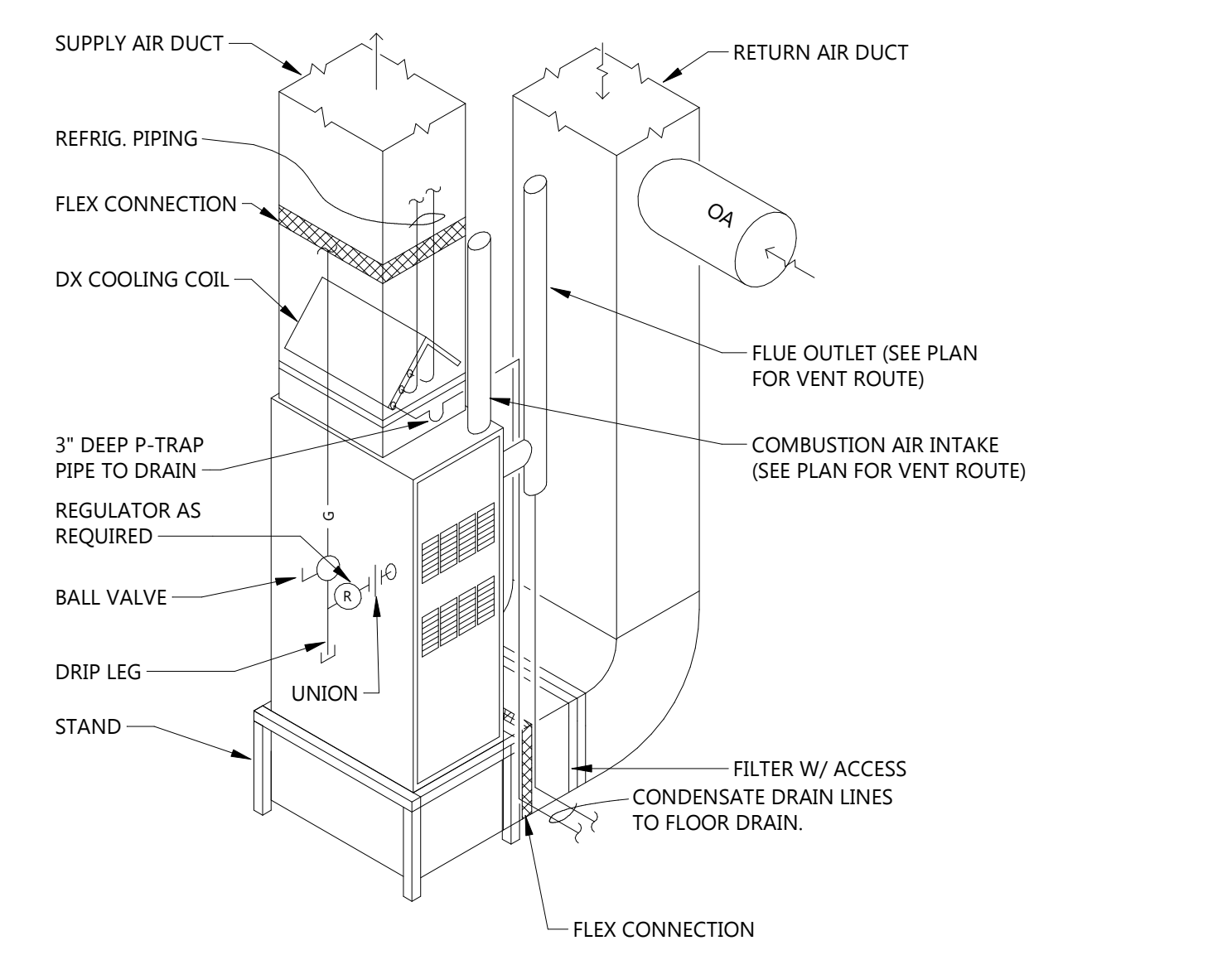
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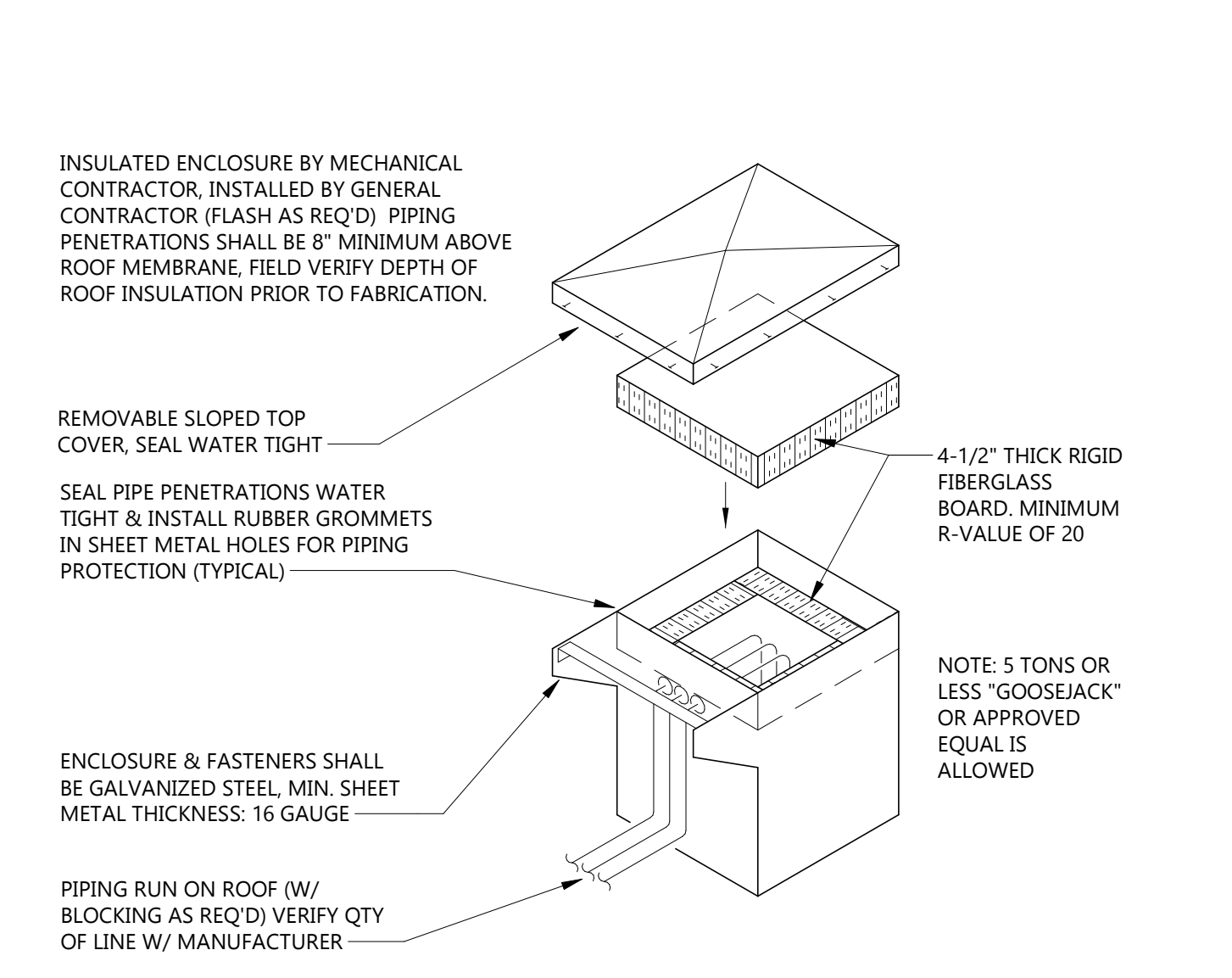


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MECHANICAL DETAILS

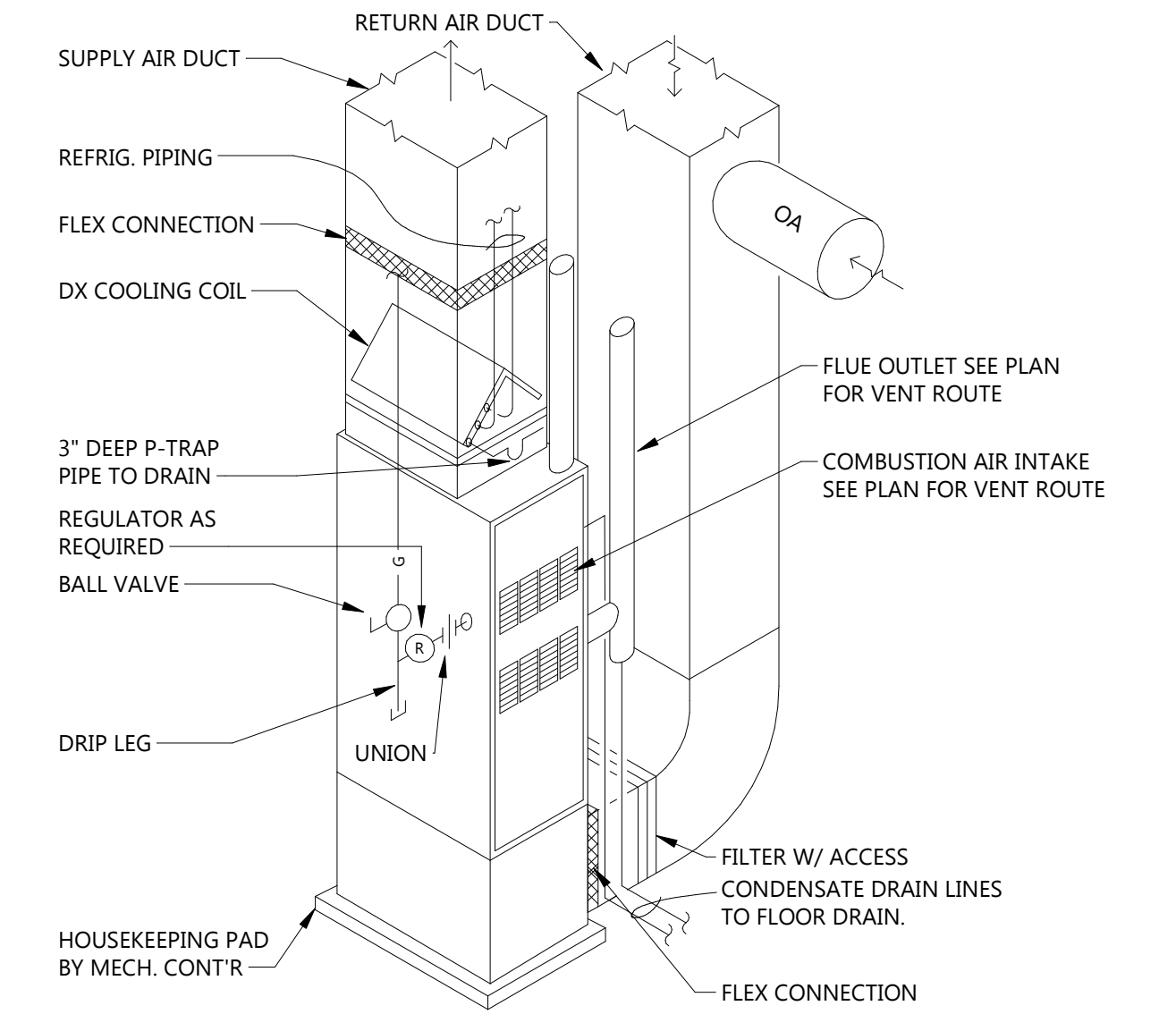
M601



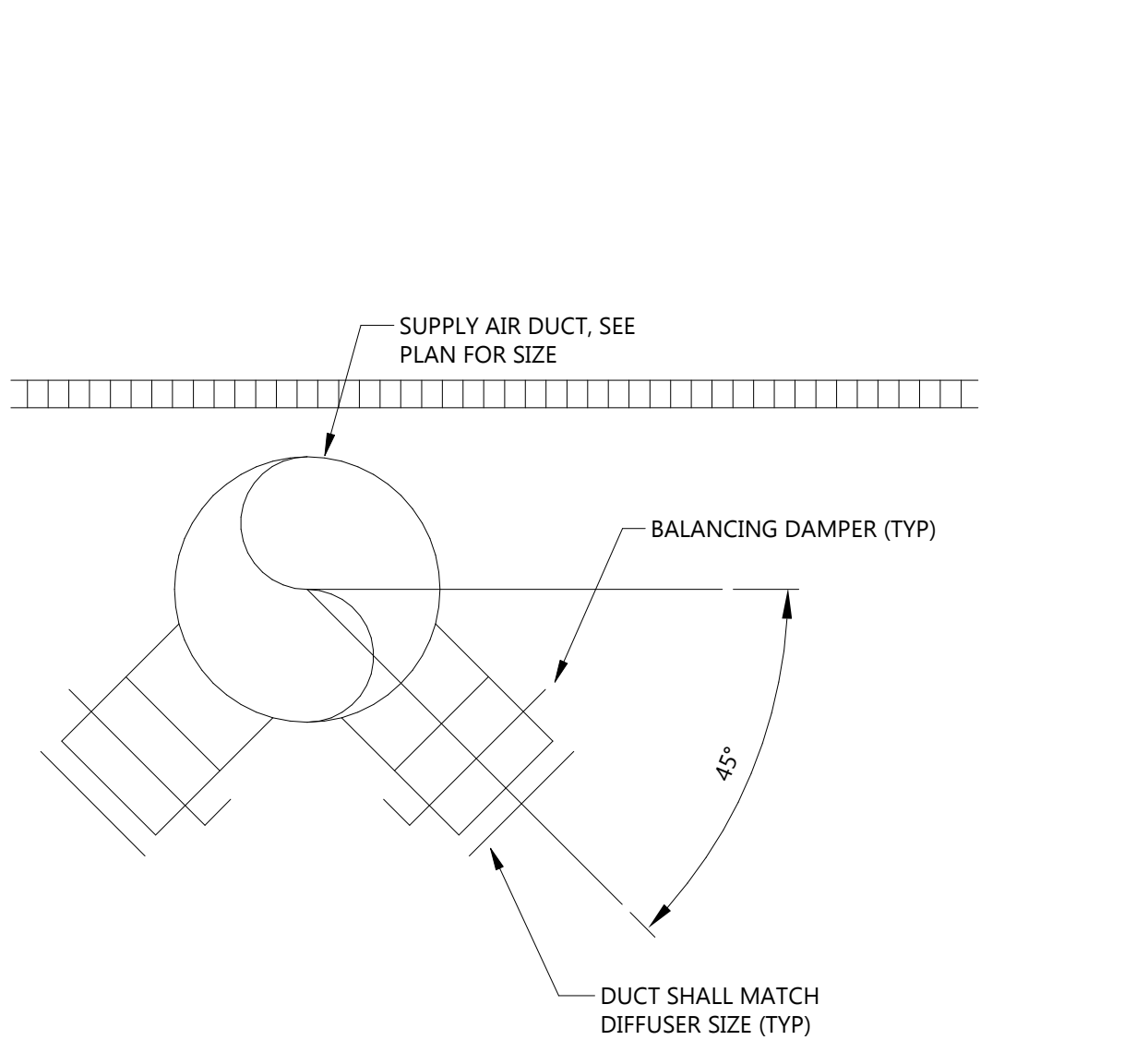
14 UPFLOW FURNACE, BOTTOM RETURN DETAIL
M601 NOT TO SCALE



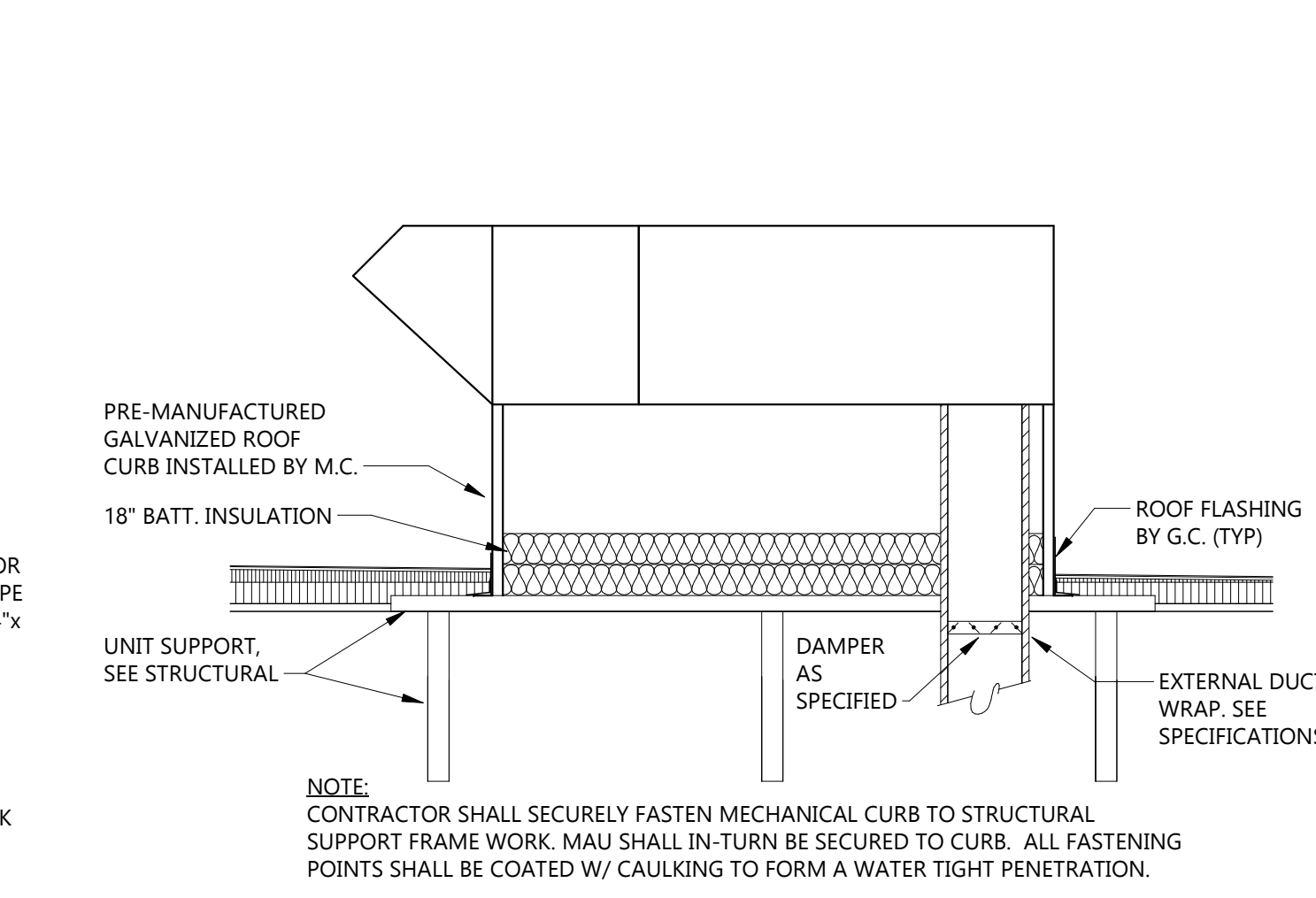
15 PIPING WEATHER ENCLOSURE DETAIL
M601 NOT TO SCALE



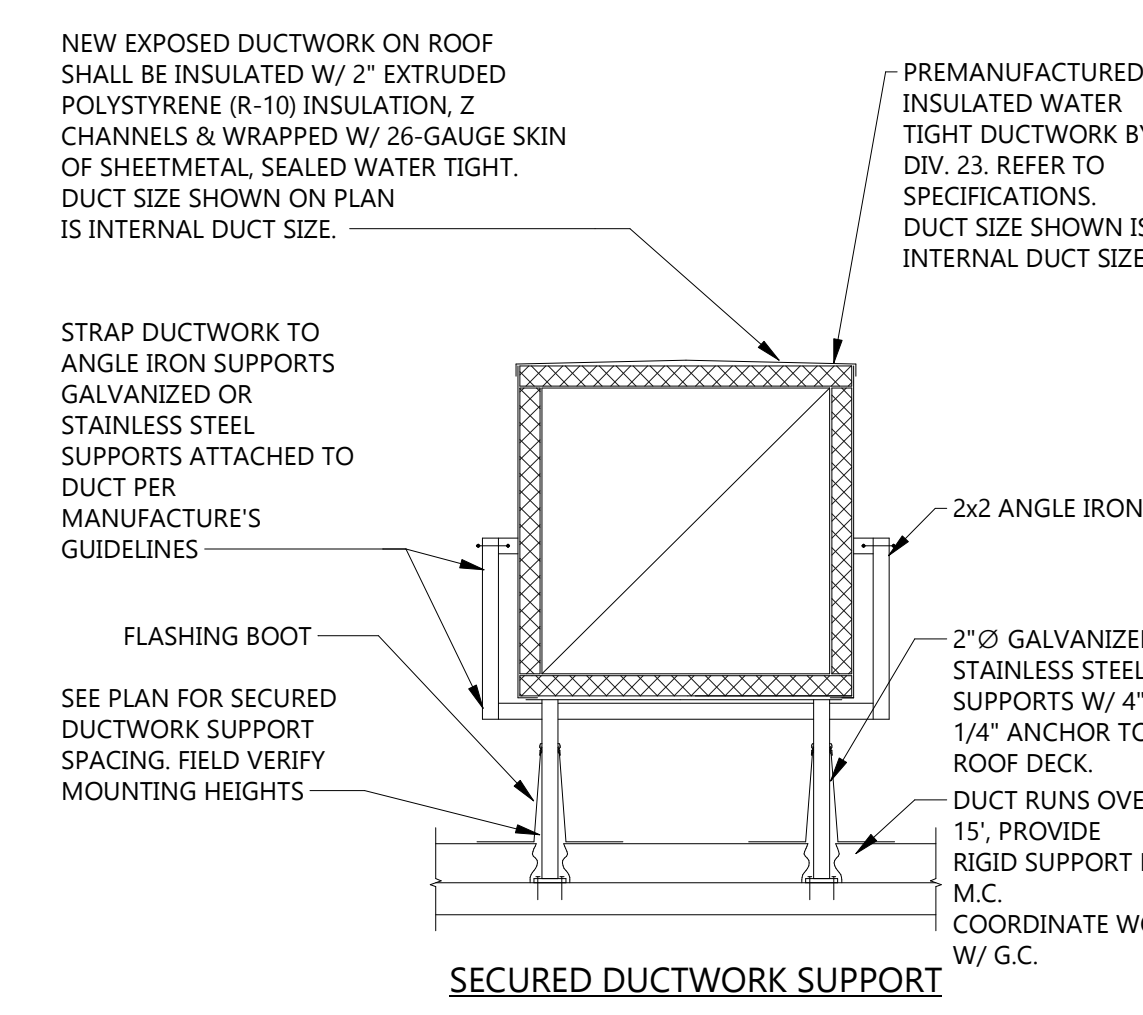
16 UPFLOW FURNACE DETAIL
M601 NOT TO SCALE



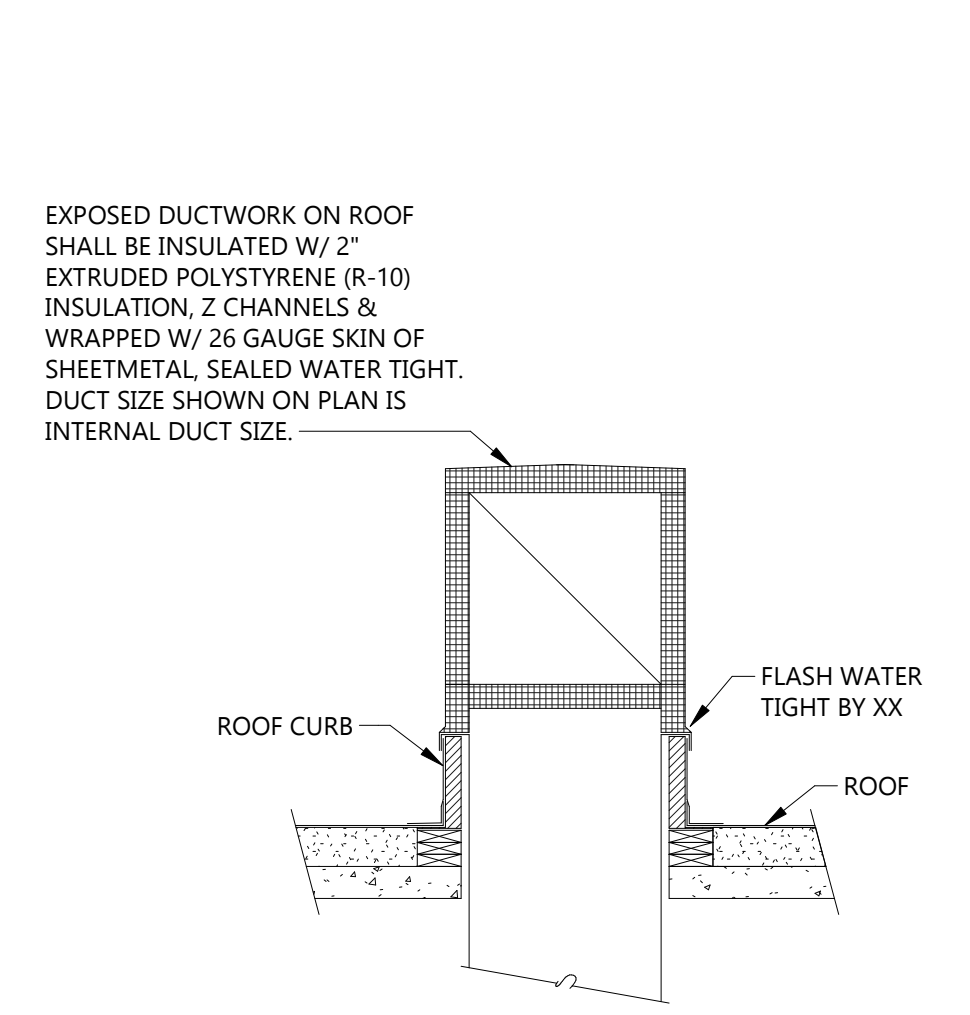
17 TYP. DUCT MOUNT GRILLE DETAIL
M601 NOT TO SCALE



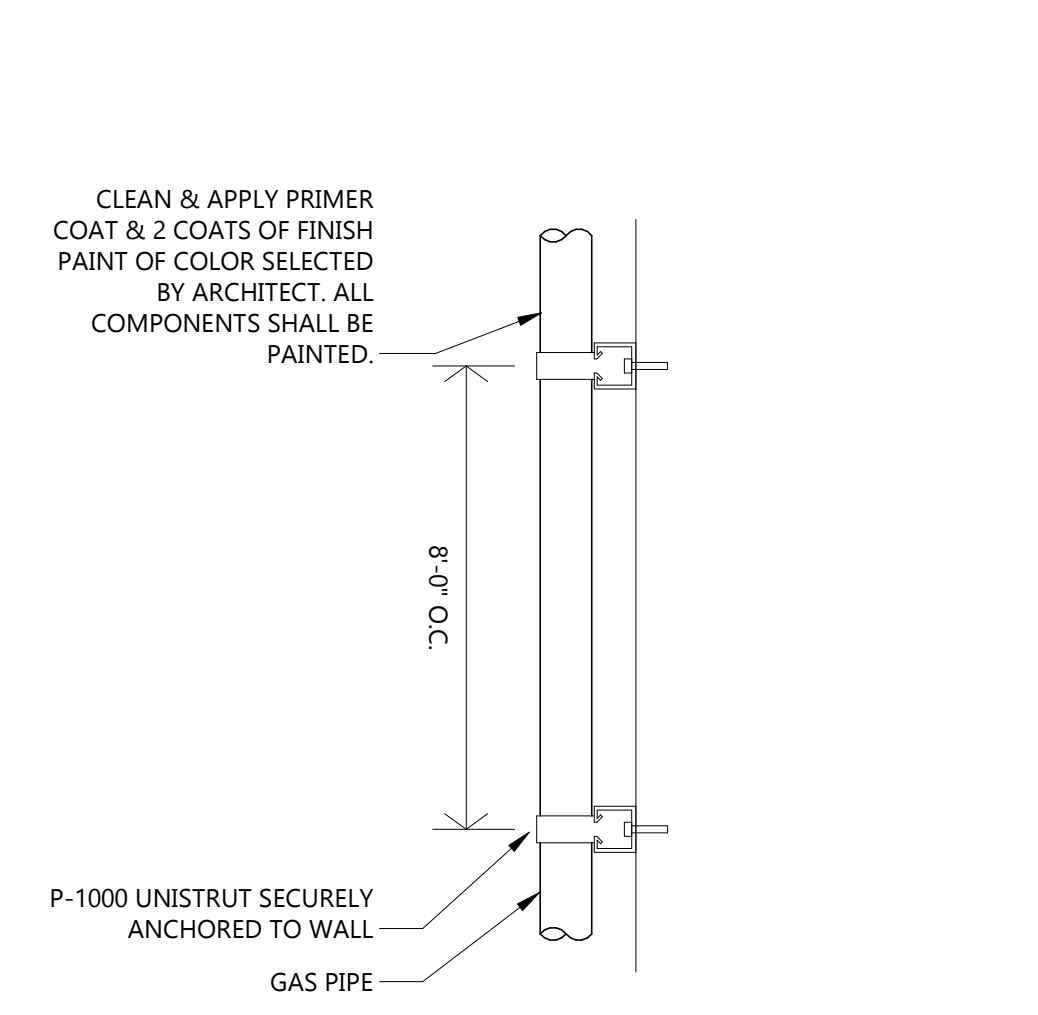
9 MAKE-UP AIR UNIT DETAIL
M601 NOT TO SCALE



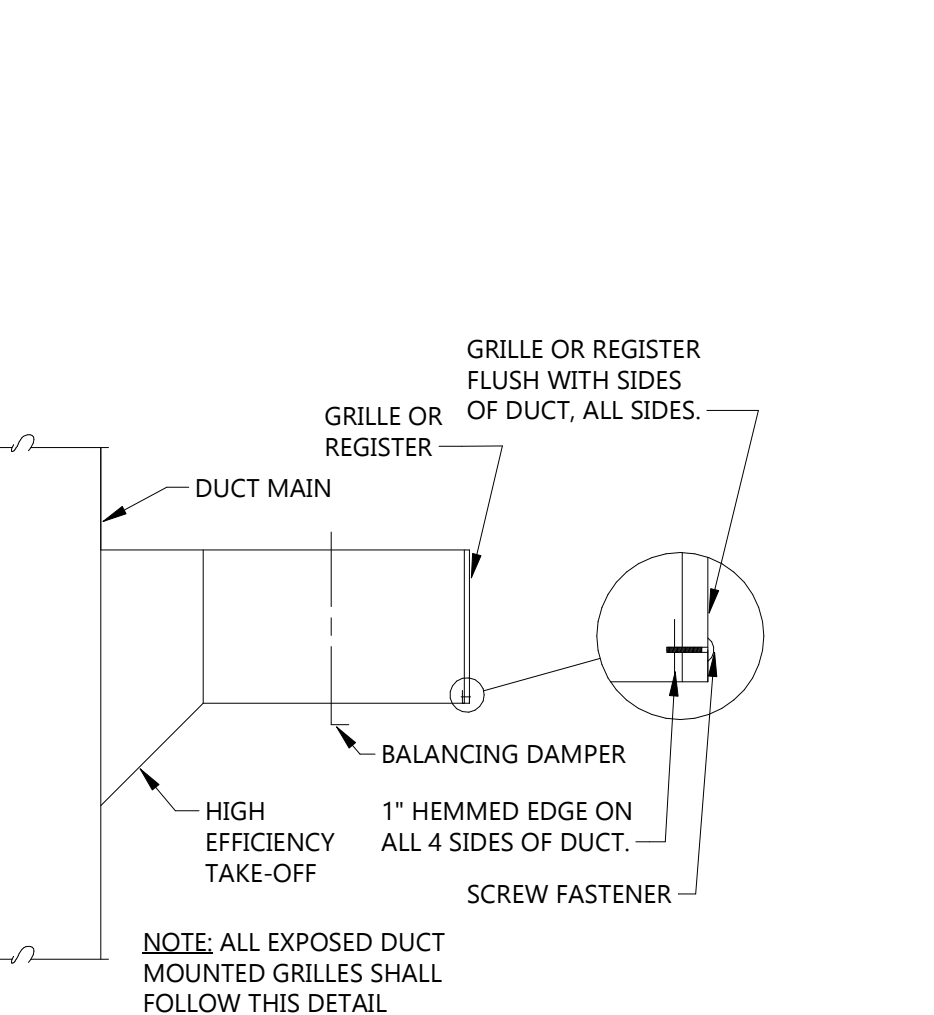
10 DUCTWORK SUPPORT DETAIL
M601 NOT TO SCALE



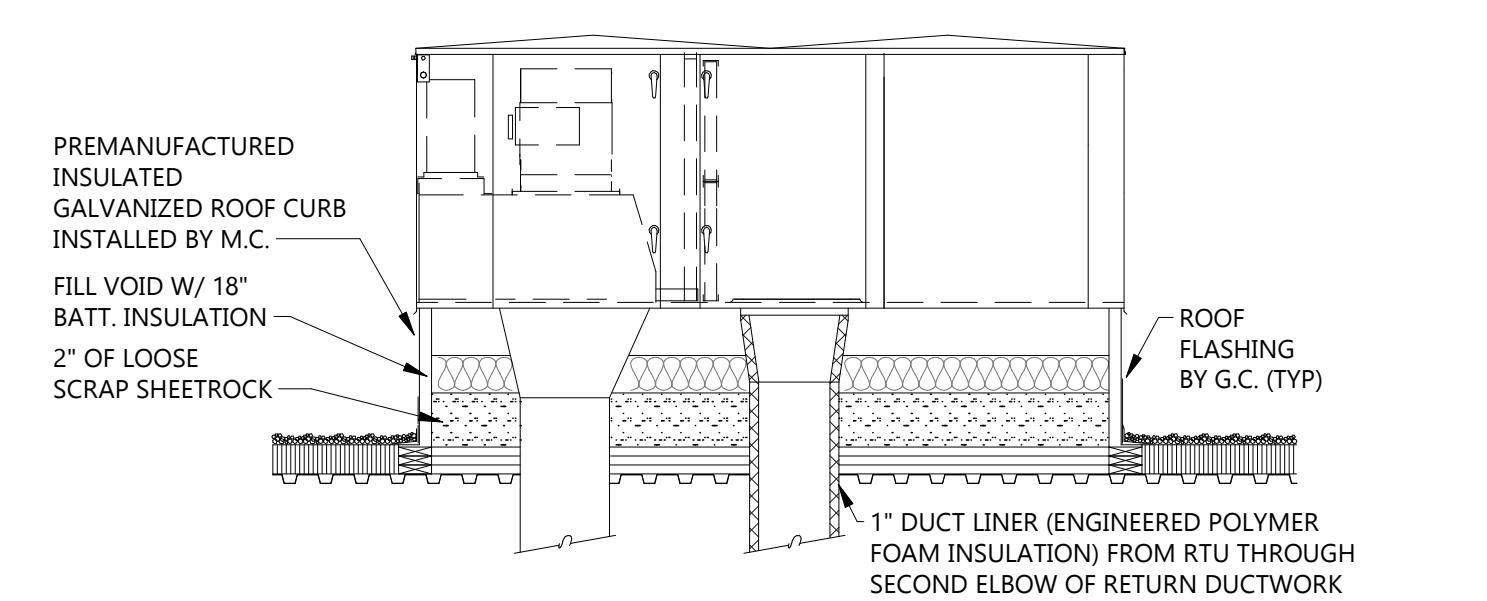
11 DUCT CONNECTIONS AT CURBS
M601 NOT TO SCALE



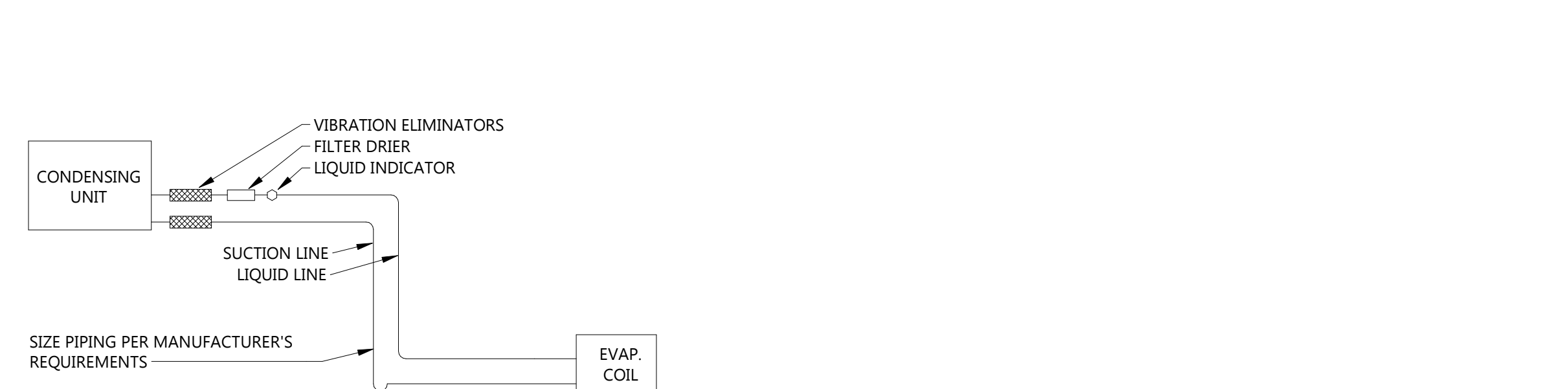
12 GAS PIPE MOUNTING DETAIL
M601 NOT TO SCALE



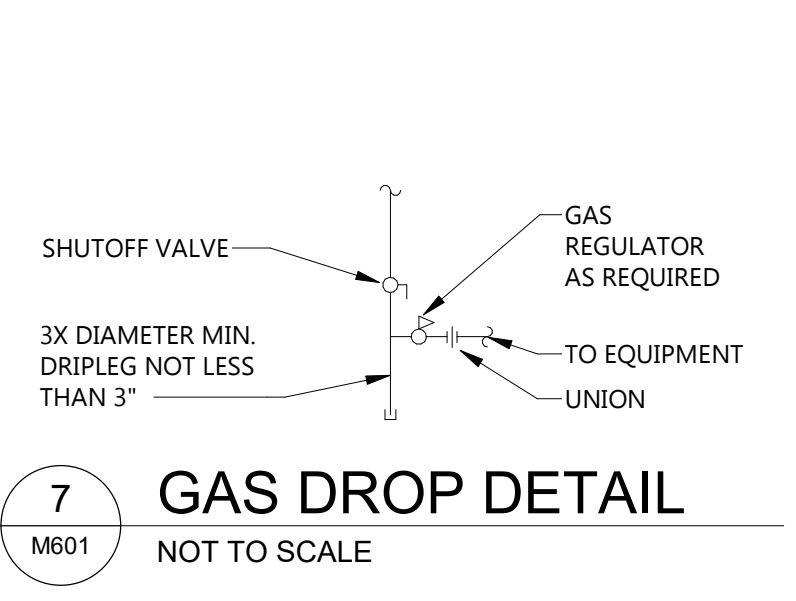
13 FLUSH GRILLE/REGISTER DETAIL
M601 NOT TO SCALE



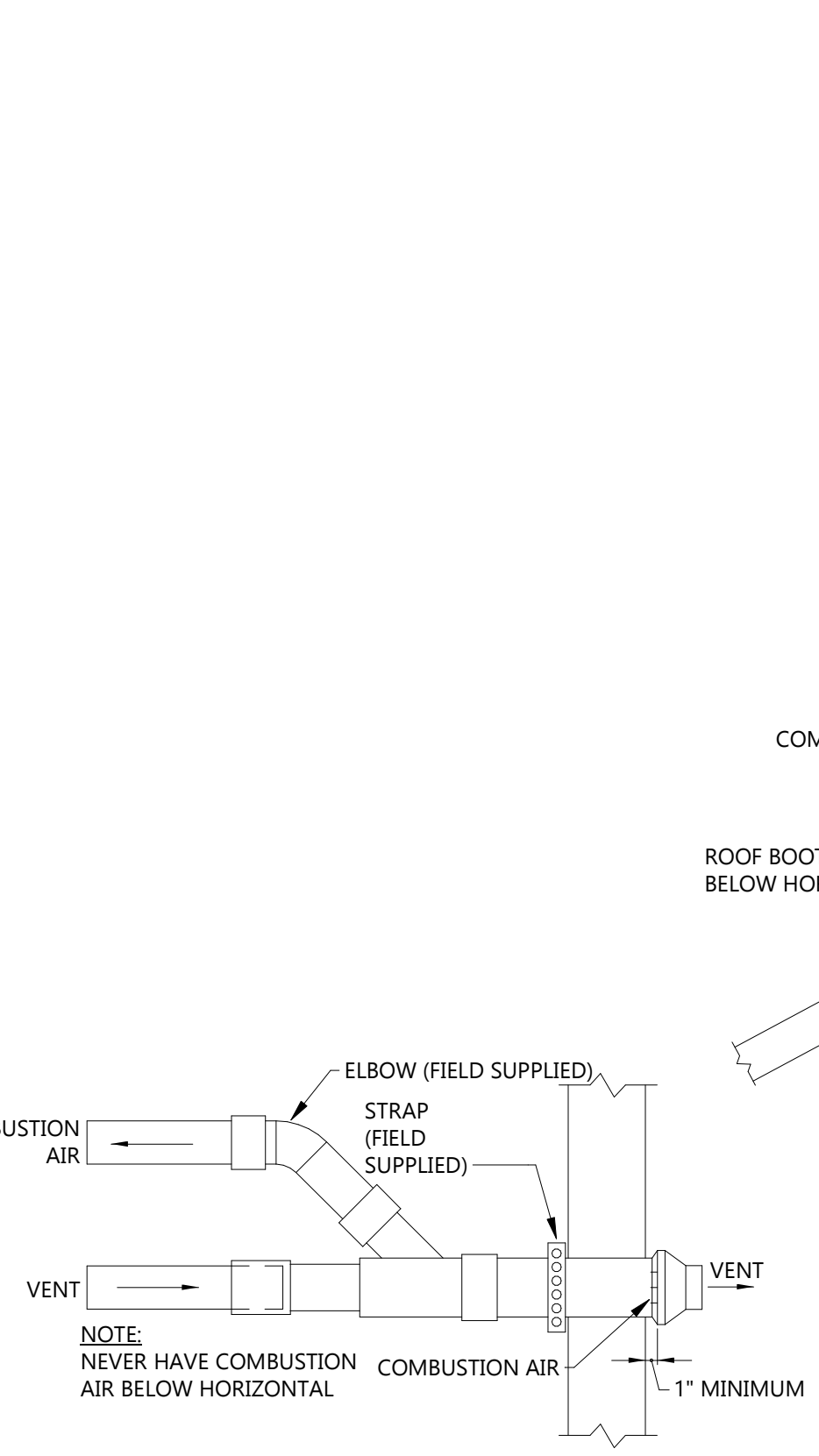
4 TYPICAL ROOF TOP UNIT CURB DETAIL
M601 NOT TO SCALE



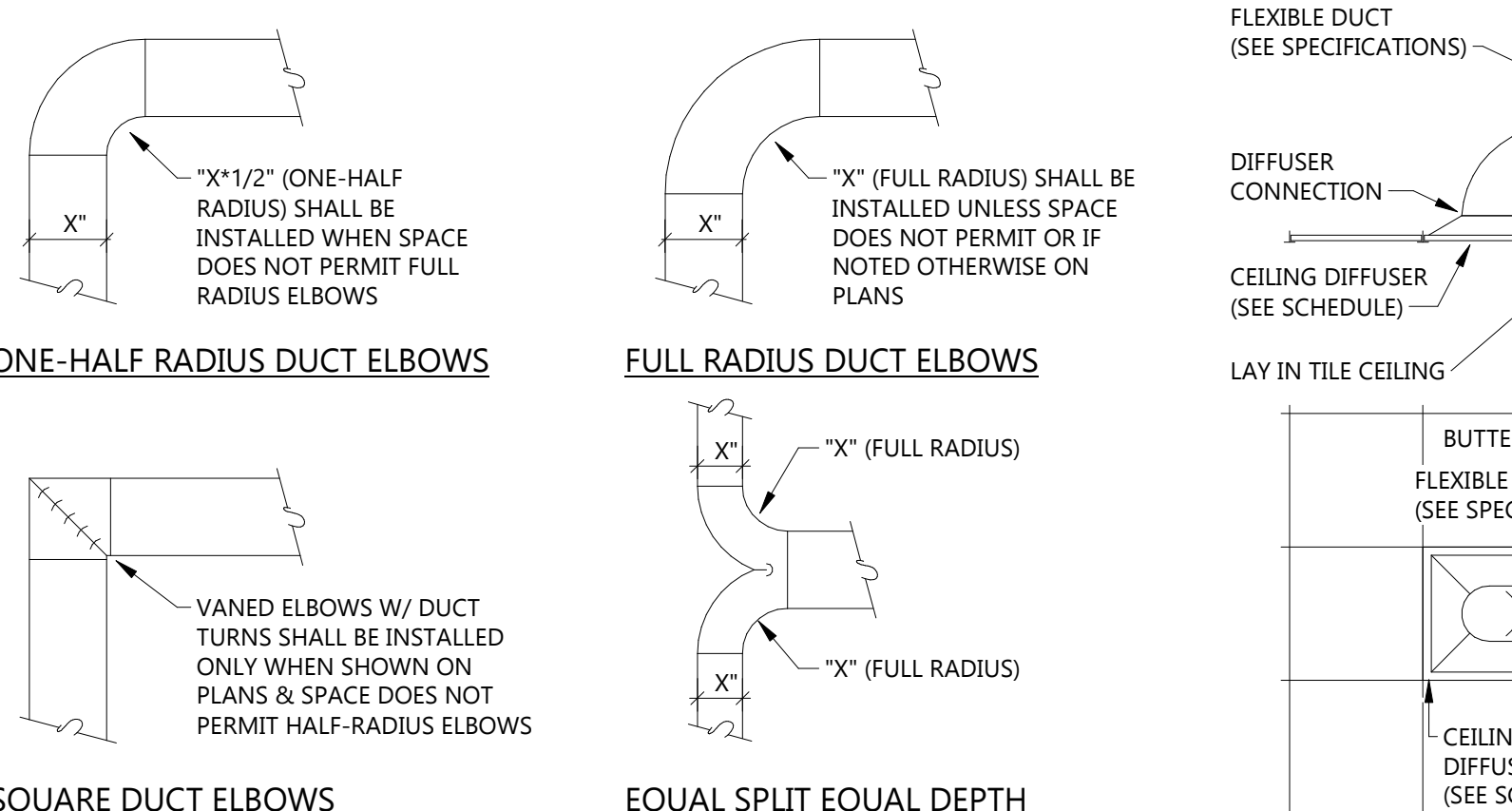
6 CONDENSING UNIT DETAIL
M601 NOT TO SCALE



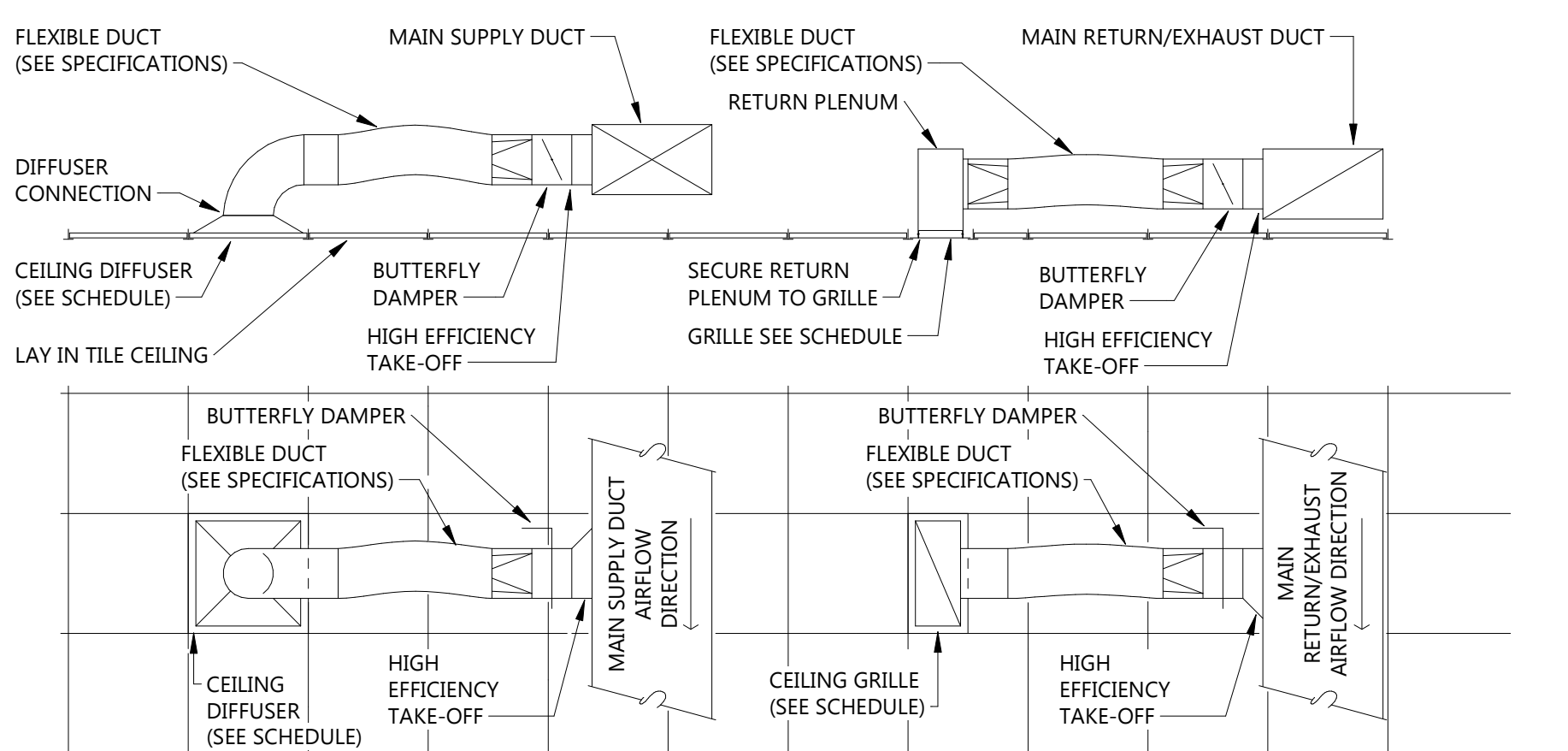
7 GAS DROP DETAIL
M601 NOT TO SCALE



3 CONCENTRIC WALL COMBUSTION/INTAKE DETAIL
M601 NOT TO SCALE



2 DUCT DETAILS
M601 NOT TO SCALE



1 TYPICAL DIFFUSER AND GRILLE CONNECTION DETAIL
M601 NOT TO SCALE

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 Plot Date: 12/20/24 10:11:37 AM

GENERAL NOTES

A. WIRE AA1 AND BB1 FIXTURES THAT WERE PURCHASED AND INSTALLED UNDER THE PREVIOUS BID PACKAGE.

B.

KEYNOTE LEGEND:

⬡ <<< INDICATES KEYNOTE ON PLAN

1. WIRE FOR LIGHT FIXTURE PROVIDED UNDER THE PREVIOUS BID PACKAGE. MOUNT CONTROLLER IN STORAGE 101. SEE E301.
2. EC TO PROVIDE PHOTOCELL. PHOTOCELL SHALL BE MOUNTED AT BUILDING ROOF HEIGHT. PROVIDE ADDITIONAL SUPPORTS AS NEEDED FOR MOUNTING. SEE 4/E805 FOR CONNECTION DETAIL.
3. COORDINATE EXACT TRANSFORMER LOCATION WITH MDU.
4. ELECTRICAL SERVICE ENTRANCE EQUIPMENT. SEE 1/E801.

EAPC

Architecture Engineering
 Interior Design Industrial

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 313 Main Street, Suite 308, Williston ND 58901

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CONSULTANTS

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 SCULLY DESIGN BUILD, INC

PROJECT DESCRIPTION
 GREAT NORTHERN

CITY WILLISTON
STATE ND

ISSUE DATES

1	BP#2 - ADDENDUM 1	06/24/2024
CD	BP #2	05/24/2024
MARK	DESCRIPTION	DATE

PROJECT NO: 20236130
DRAWN BY: RD
CHECKED BY: LS

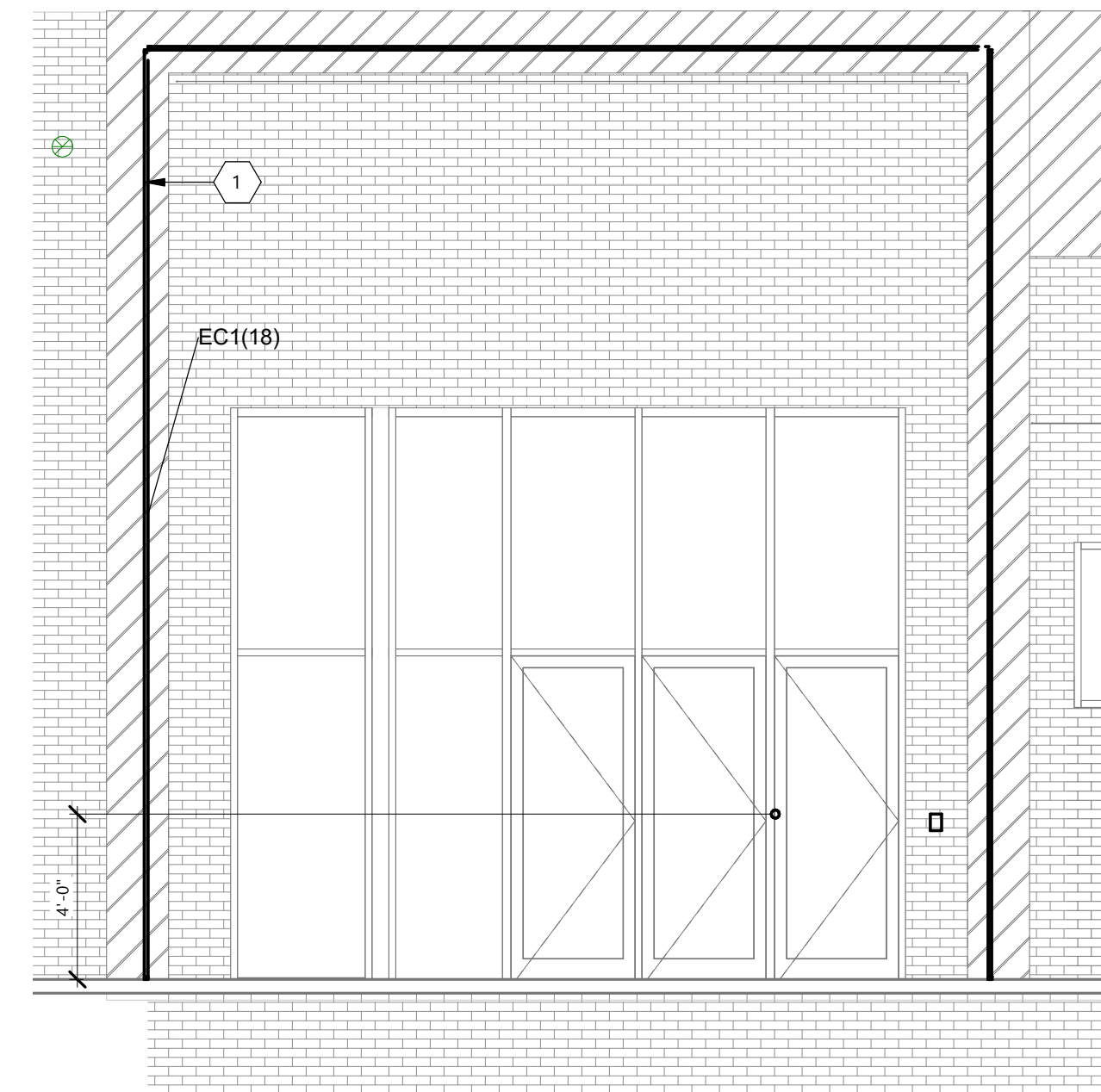
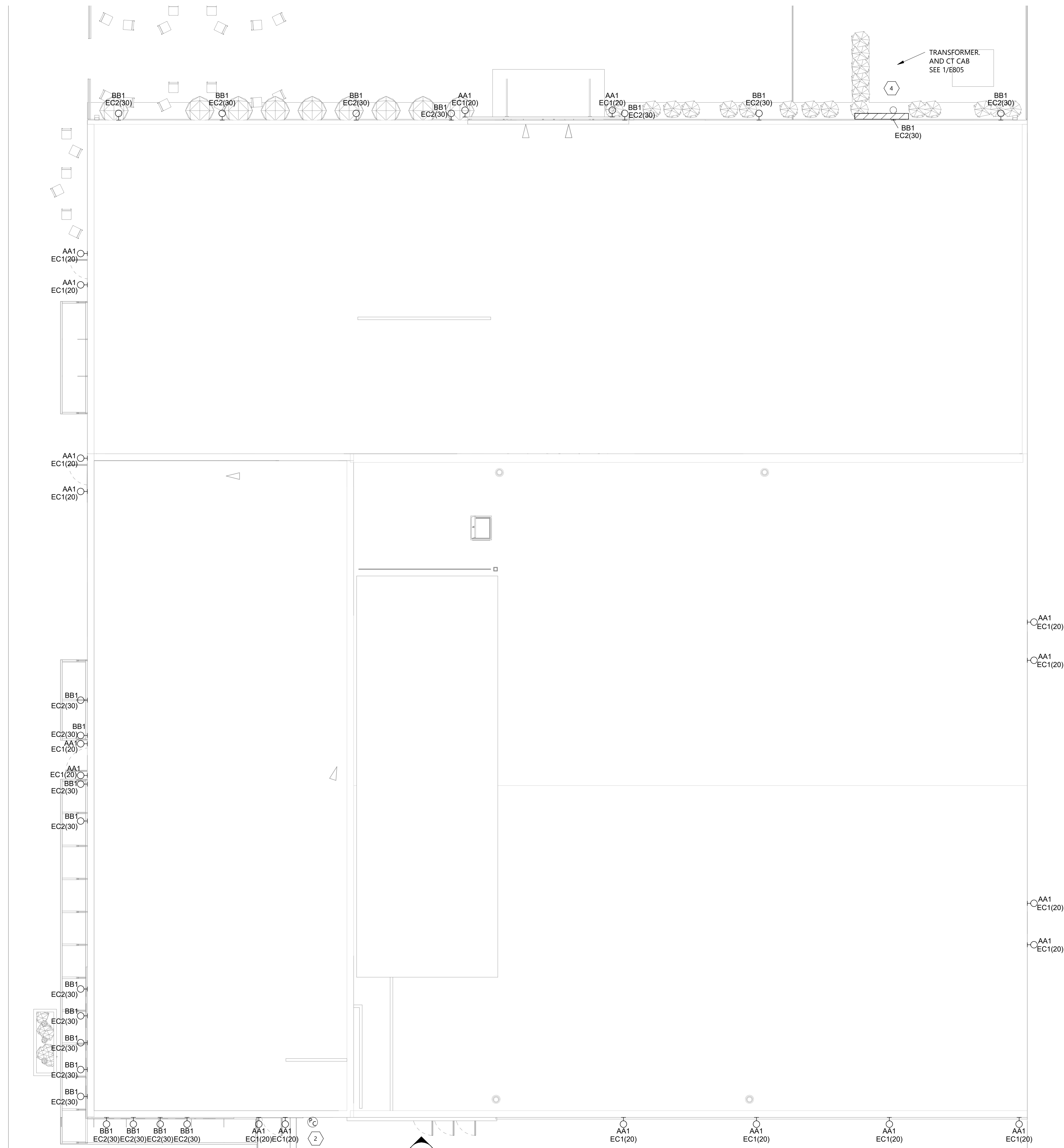
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DRAWING TITLE
 ELECTRICAL SITE PLAN


E100.2



1 ELECTRICAL SITE PLAN
 E100.2 1/8" = 1'-0"

2 ENTERANCE DOOR
 E100.2 1/4" = 1'-0"

GENERAL DEMO NOTES

- A.  INDICATES ITEM TO BE REMOVED. DEMOLITION SHOWN ON THE DRAWING SHALL BE INTENDED ONLY AS A GUIDE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT & FAMILIARIZE THEMSELVES WITH THE SITE PRIOR TO BIDDING THEREIN TO DETERMINE THE AMOUNT OF WORK OF DEMOLITION REQUIRED. NO EXTRA COMPENSATION TO BE ALLOWED DUE TO MISUNDERSTANDING AS TO THE AMOUNT OF WORK INVOLVED DUE TO OF THEIR LACK OF KNOWLEDGE OF ANY EXISTING CONDITIONS.
- B. REMOVE ALL ELECTRICAL EQUIPMENT AND WIRING IN PHASES AS DIRECTED BY OWNER.



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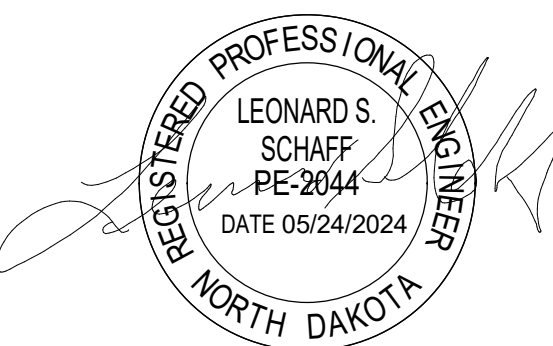
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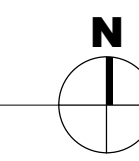


DRAWING TITLE
FIRST FLOOR
DEMOLITION PLAN

E101

Revised: 05/24/2024
Plot Date: 12/20/2024 10:11:58 AM

2 FIRST FLOOR DEMOLITION
E101 1/8" = 1'-0"



GENERAL DEMO NOTES

- A. INDICATES ITEM TO BE REMOVED. DEMOLITION SHOWN ON THE DRAWING SHALL BE INTENDED ONLY AS A GUIDE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT & FAMILIARIZE THEMSELVES WITH THE SITE PRIOR TO BIDDING THEREIN TO DETERMINE THE AMOUNT OF WORK OF DEMOLITION REQUIRED. NO EXTRA COMPENSATION TO BE ALLOWED DUE TO MISUNDERSTANDING AS TO THE AMOUNT OF WORK INVOLVED DUE TO OF THEIR LACK OF KNOWLEDGE OF ANY EXISTING CONDITIONS.
- B. REMOVE ALL ELECTRICAL EQUIPMENT AND WIRING IN PHASES AS DIRECTED BY OWNER.
- C. ELEVATOR CONTROL ROOM LOCATED UNDER THE STAIRS NORTH EAST OF BASEMENT SHALL REMAIN AS IS. COORDINATE WITH OWNER FOR MORE INFORMATION.



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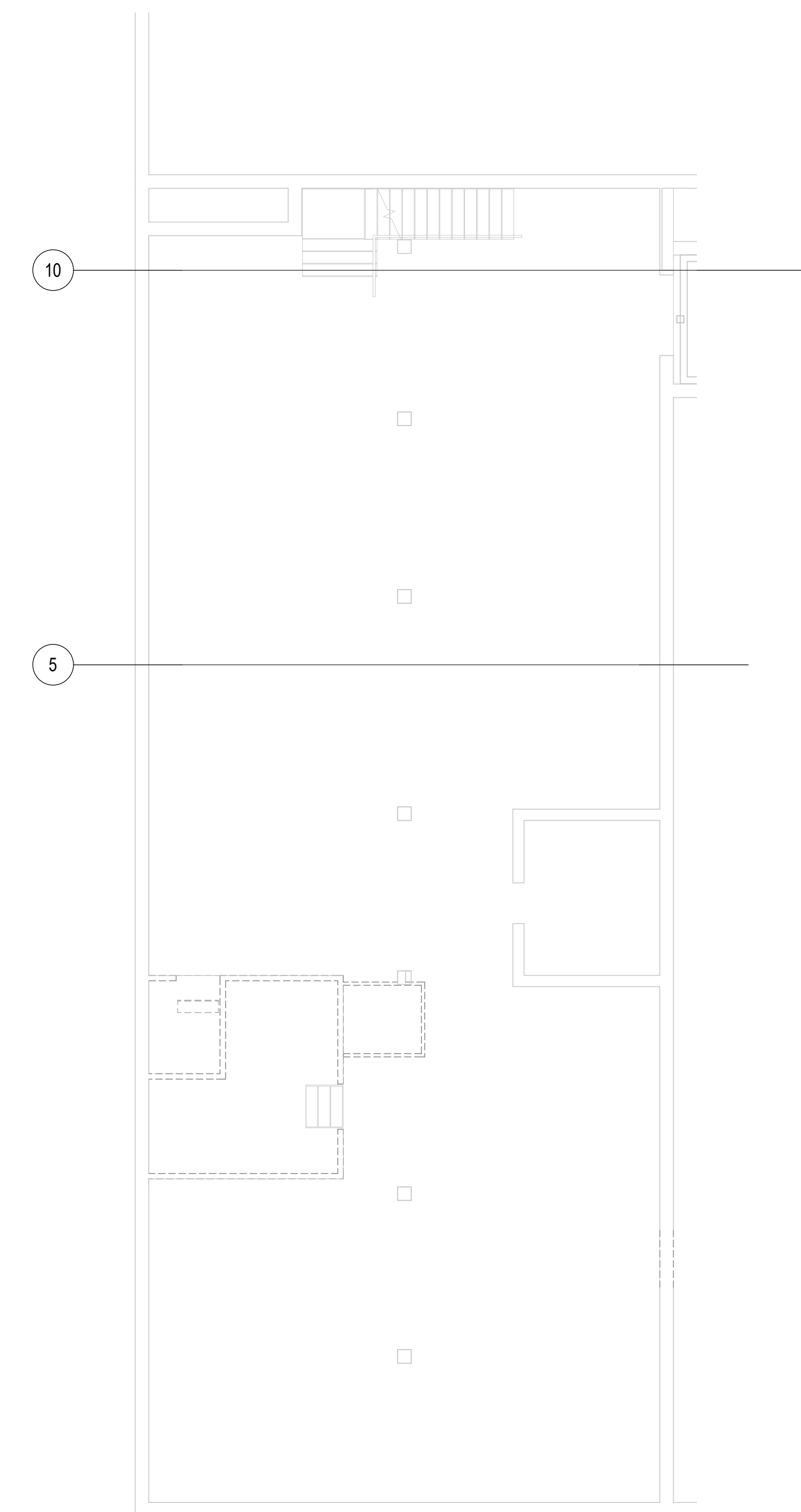


DRAWING TITLE
BASEMENT AND SECOND FLOOR DEMOLITION

E102



2 SECOND FLOOR DEMOLITION
E102 1/8" = 1'-0"



1 BASEMENT FLOOR DEMOLITION
E102 1/8" = 1'-0"

Revit Version: 2022
Plot Date: 12/20/2024 10:11:59 AM

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DRAWING TITLE
FIRST FLOOR POWER PLAN

E201

GENERAL NOTES

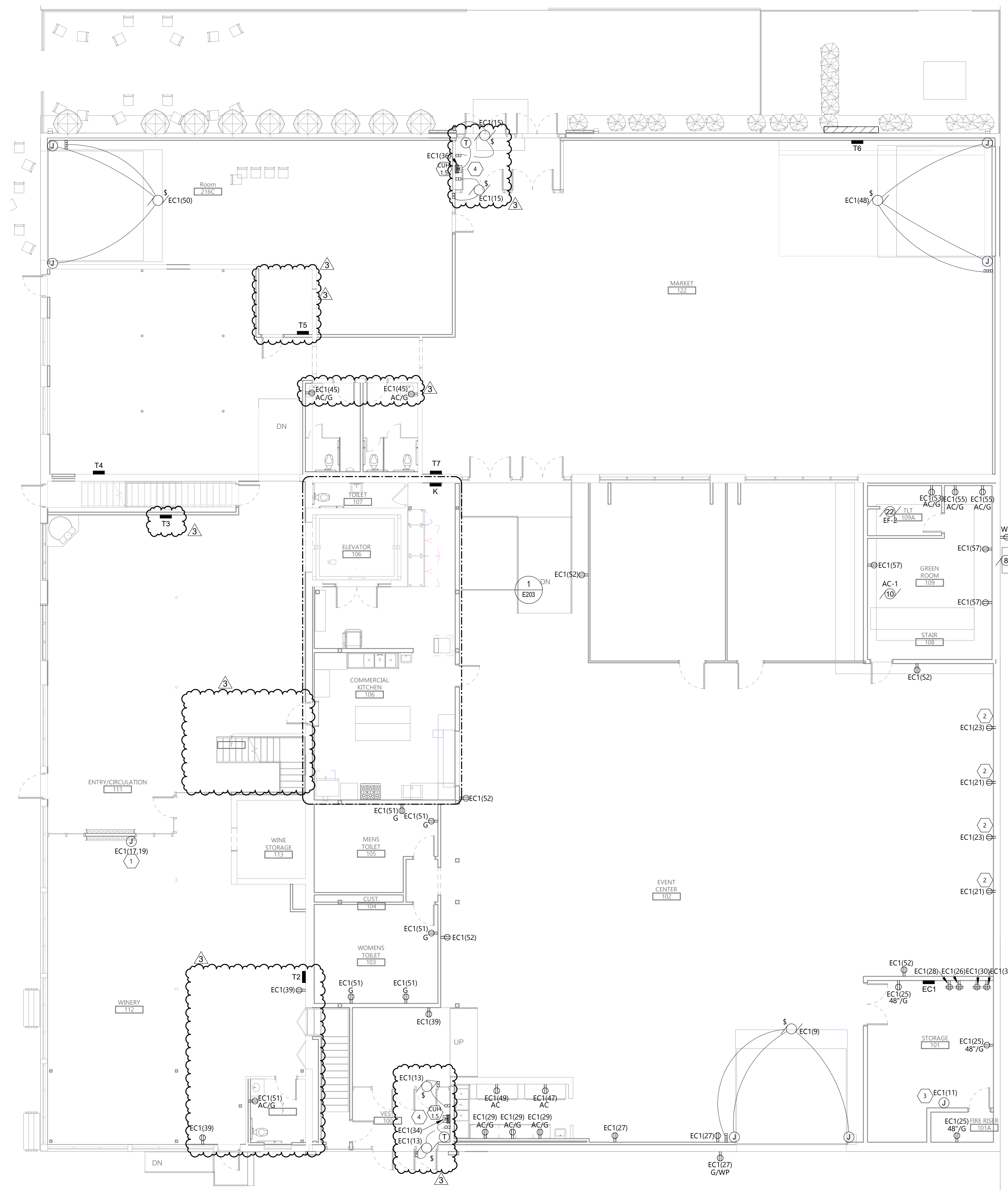
A. EC SHALL VERIFY ALL PANEL LOCATIONS PRIOR TO INSTALLATION.

B. T2 THRU T7 ARE SHOWN FOR REFERENCE ONLY AND WILL BE PROVIDED IN FUTURE BID PACKAGES.

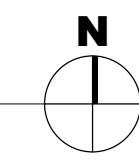
KEYNOTE LEGEND:

◊ <<< INDICATES KEYNOTE ON PLAN

1. PROVIDE 20/2 CIRCUIT BREAKER FOR FIRE PLACE CONNECTION.
2. RECEPTACLES SHALL BE MOUNTED 18" ABOVE STAGE FLOOR.
3. CONNECT FIRE ALARM CONTROL PANEL.
4. SEE ELECTRIC HEAT SCHEDULE ON E802 FOR HEATER DETAILS.



1 FIRST FLOOR POWER PLAN
E201 1/8" = 1'-0"



Revised: 05/24/2024
Per Date: 12/20/2024 10:02:01 AM

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DRAWING TITLE
BASEMENT AND SECOND FLOOR POWER PLAN

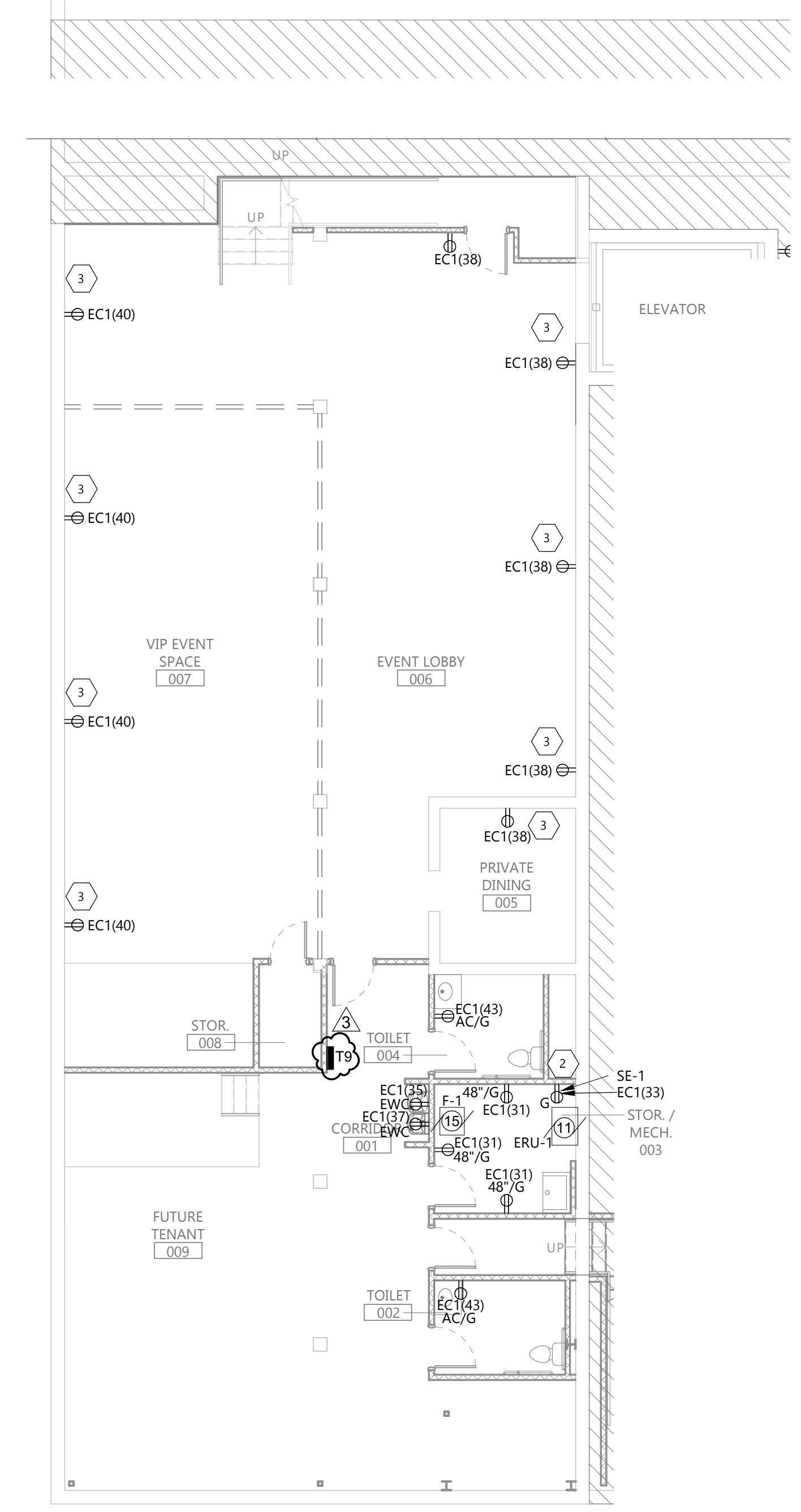
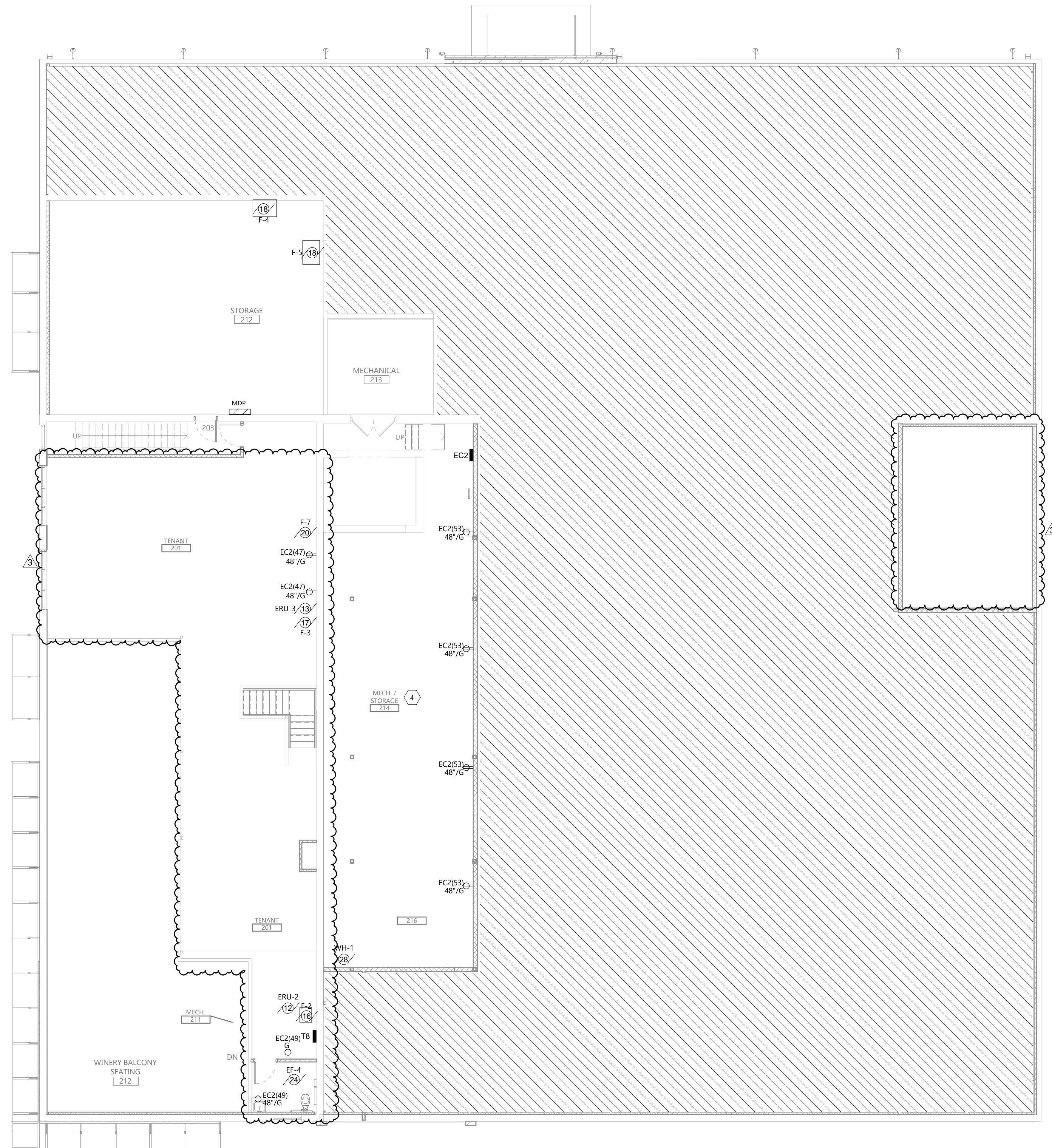
E202

GENERAL NOTES

- A. EC SHALL VERIFY ALL PANEL LOCATION PRIOR TO INSTALLATION.
- B. PANEL T9 IS SHOWN ONLY FOR REFERENCE ONLY AND WILL BE PROVIDED IN A FUTURE BID PACKAGE.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. STEEL CITY # 665-SC WITH 664-CST-SW-XX COVER AND DEVICES AS SHOWN.
- 2. COORDINATE WITH MC ON SE-1 RECEPTACLE LOCATION.
- 3. OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE METALIC WIREMOLD PAINTED TO MATCH THE BACKGROUND.
- 4. COORDINATE OUTLET LOCATIONS WITH MC.



2 SECOND FLOOR POWER PLAN
E202 1/8" = 1'-0"

1 BASEMENT FLOOR POWER PLAN
E202 1/8" = 1'-0"

KITCHEN EQUIPMENT SCHEDULE									
EQUIPMENT #	EQUIP CONDITION	VOLT	PH	FLA	KW	HP	CONNECTION		NOTES
							DIRECT	RECEPT.	
KE #05	ICE MACHINE	115	1					X	PROVIDE NEMA 5-15P
KE #12	DOUBLE DECK OVEN	208	3		22		X		
KE #12	DISHWASHER	115	3	10			X		20A MOP
KE #06	FRIDGE	115	1	3.37		4/5		X	PROVIDE NEMA 5-15P
KE #07	FREEZER	115	1	6.09		1 2/7		X	PROVIDE NEMA 5-15P
KE #16	RANGE HOOD								

GENERAL NOTES:

- SEE FOOD SERVICE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
-
-
-

GENERAL NOTES

A. NOTE 1
B. NOTE 2

KEYNOTE LEGEND:

◊ << < INDICATES KEYNOTE ON PLAN

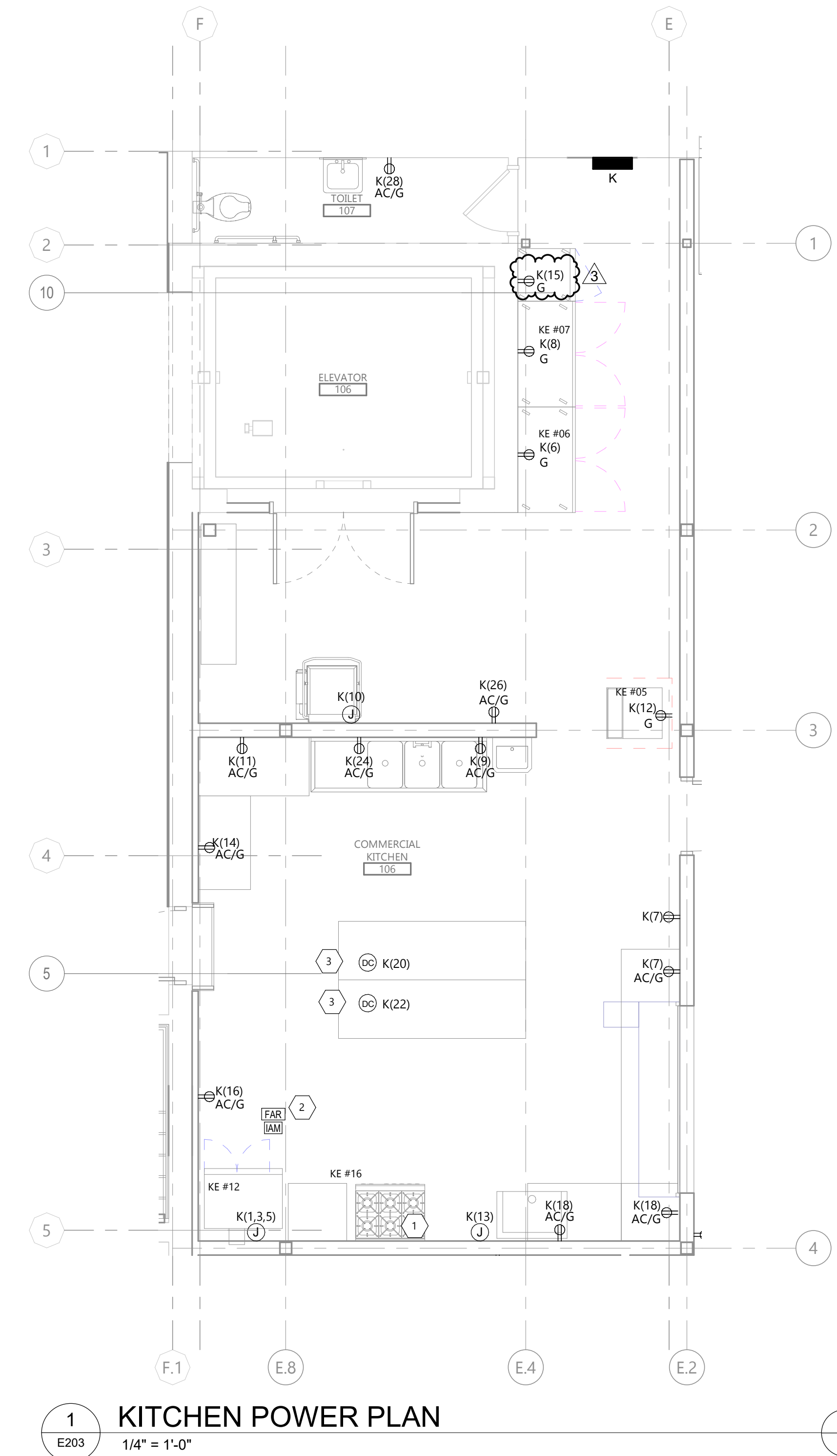
- CONNECT RANGE HOOD LIGHT.
- S
- PROVIDE INTERFACE WITH RANGEHOOD FIRE EXTINGUISHING SYSTEM. WIRE SHUNT TRIP BREAKER SERVING EQUIPMENT UNDER HOOD TO OPEN UPON HOOD ACTIVATION SYSTEM. PROVIDE RELAYS AS REQUIRED.
- S
- PROVIDE DROP CORD WITH TWIST-LOCK IN CEILING AND TOPEND OF #14 SO CORD.

BRANCH PANEL: K												
LOCATION:			VOLTS: 120/208 Wye				A.I.C. RATING: 45KAIC					
SUPPLY FROM:			PHASES: 3				CALCULATED A.F.C.:					
MOUNTING:			WIRES: 4				MAINS: 400A, MCB					
ENCLOSURE:												
CKT	CIRCUIT DESCRIPTION	CODE	TRIP	POLES	A Ø	B Ø	C Ø	POLES	TRIP	CODE	CIRCUIT DESCRIPTION	CKT
1					7333	592			1	20 A	LIGHTING	2
3	OVEN - (KE #12)	9	80 A	3					1	20 A	EM LIGHTING	4
5							7333	180	1	20 A	8 RECEPT - FRIDGE (KE #06)	6
7	RECEPT - KITCHEN		20 A	1	360	180			1	20 A	8 RECEPT - FREEZER (KE #07)	8
9	RECEPT - KITCHEN SINK		20 A	1		180	1500		1	20 A	RECEPT - DISHWASHER (KE #04)	10
11	RECEPT - KITCHEN		20 A	1			180	180	1	20 A	RECEPT - ICE MACHINE (KE #05)	12
13	KITCHEN VENT HOOD LTS		20 A	1	22000	180			1	20 A	RECEPT - KITCHEN	14
15	RECEPT - KITCHEN EQUIPMENT		20 A	1		180	180		1	20 A	RECEPT - KITCHEN	16
17	SPARE		20 A	1			0	360	1	20 A	RECEPT - KITCHEN	18
19	SPARE		20 A	1	0	500			1	20 A	8 DROP CORD	20
21	SPARE		20 A	1	0	500			1	20 A	8 DROP CORD	22
23	SPARE		20 A	1			0	180	1	20 A	RECEPT - KITCHEN	24
25	SPARE		20 A	1	0	180			1	20 A	RECEPT - KITCHEN	26
27	SPARE		20 A	1		0	180		1	20 A	RECEPT - BATHROOM	28
29	SPARE		20 A	1			0	0	1	20 A	SPARE	30
31	SPARE		20 A	1	0	0			1	20 A	SPARE	32
33	SPARE		20 A	1			0	0	1	20 A	SPARE	34
35	SPARE		20 A	1			0	0	1	20 A	SPARE	36
37	SPARE		20 A	1	0	0			1	20 A	SPARE	38
39	SPARE		20 A	1			0	0	1	20 A	SPARE	40
41	SPARE		20 A	1			0	0	1	20 A	SPARE	42
CONNECTED LOAD:					31296 VA	10056 VA	8413 VA				HIGH PHASE	
TOTAL LOAD:					31296 VA	10056 VA	8413 VA					
TOTAL AMPS:												

CODES:

1 SEE DRAWINGS FOR CONDUIT & CONDUCTORS	5 EXISTING BREAKER OFF, VERIFY SPARE	9 SHUNT TRIP
2 EXISTING BREAKER AND LOAD TO REMAIN	6 EXISTING BREAKER ON, VERIFY SPARE	10 HANDLE TIED BREAKER
3 EXISTING BREAKER AND NEW LOAD	7 NEW BREAKER AND LOAD	11 LSI TRIP UNIT
4 EXISTING BREAKER TO BECOME SPARE	8 GFCI BREAKER	12 PROVIDE LOCK ON DEVICE

NOTES:



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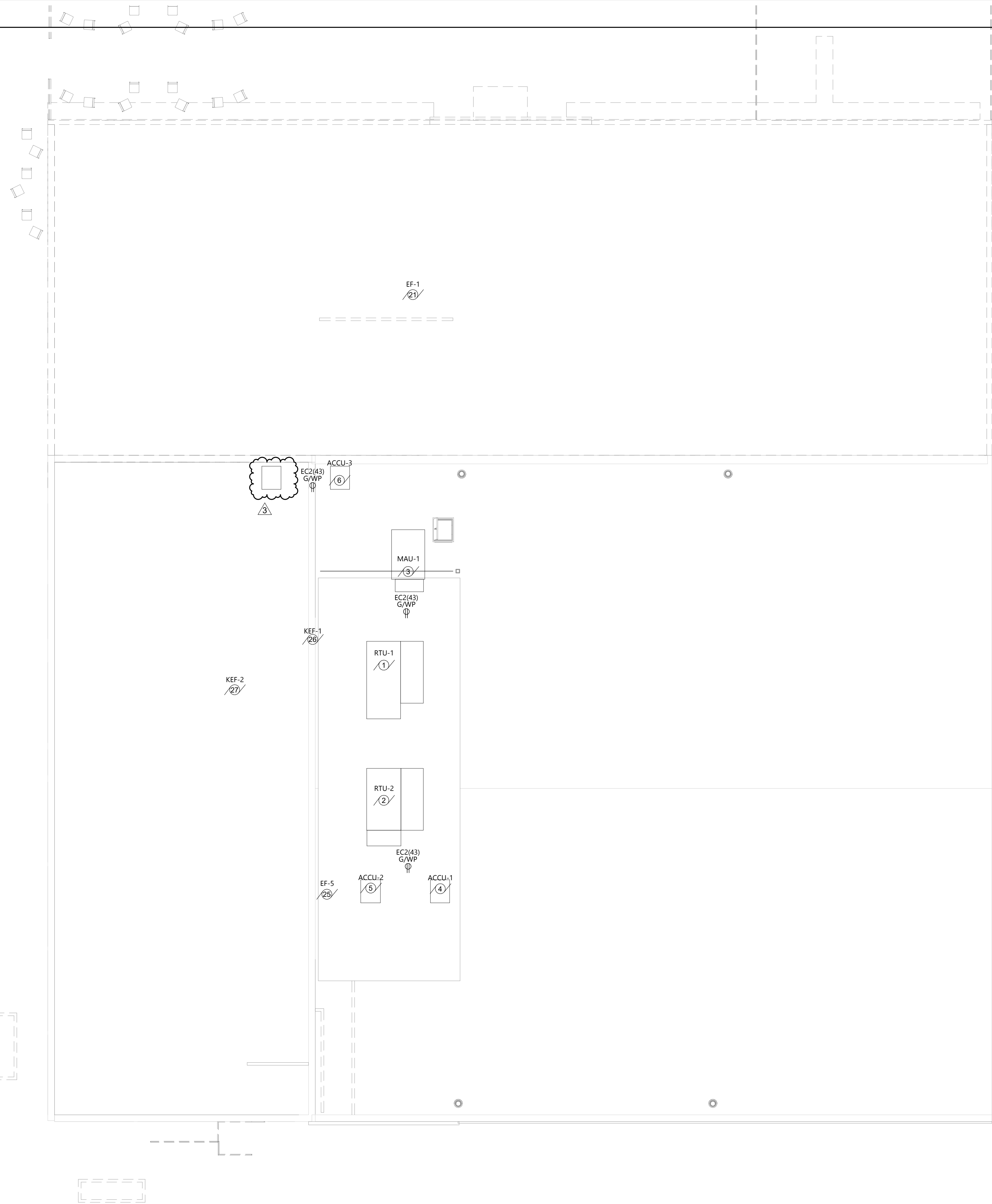
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REGISTERED PROFESSIONAL ENGINEER
LEONARD S. SCHAFF
PE-2044
DATE 05/24/2024
NORTH DAKOTA

DRAWING TITLE
COMMERCIAL KITCHEN PLAN

E203



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PROJECT DESCRIPTION
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CITY WILLISTON
 STATE ND

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PROJECT NO: 20236130
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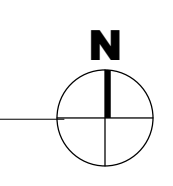
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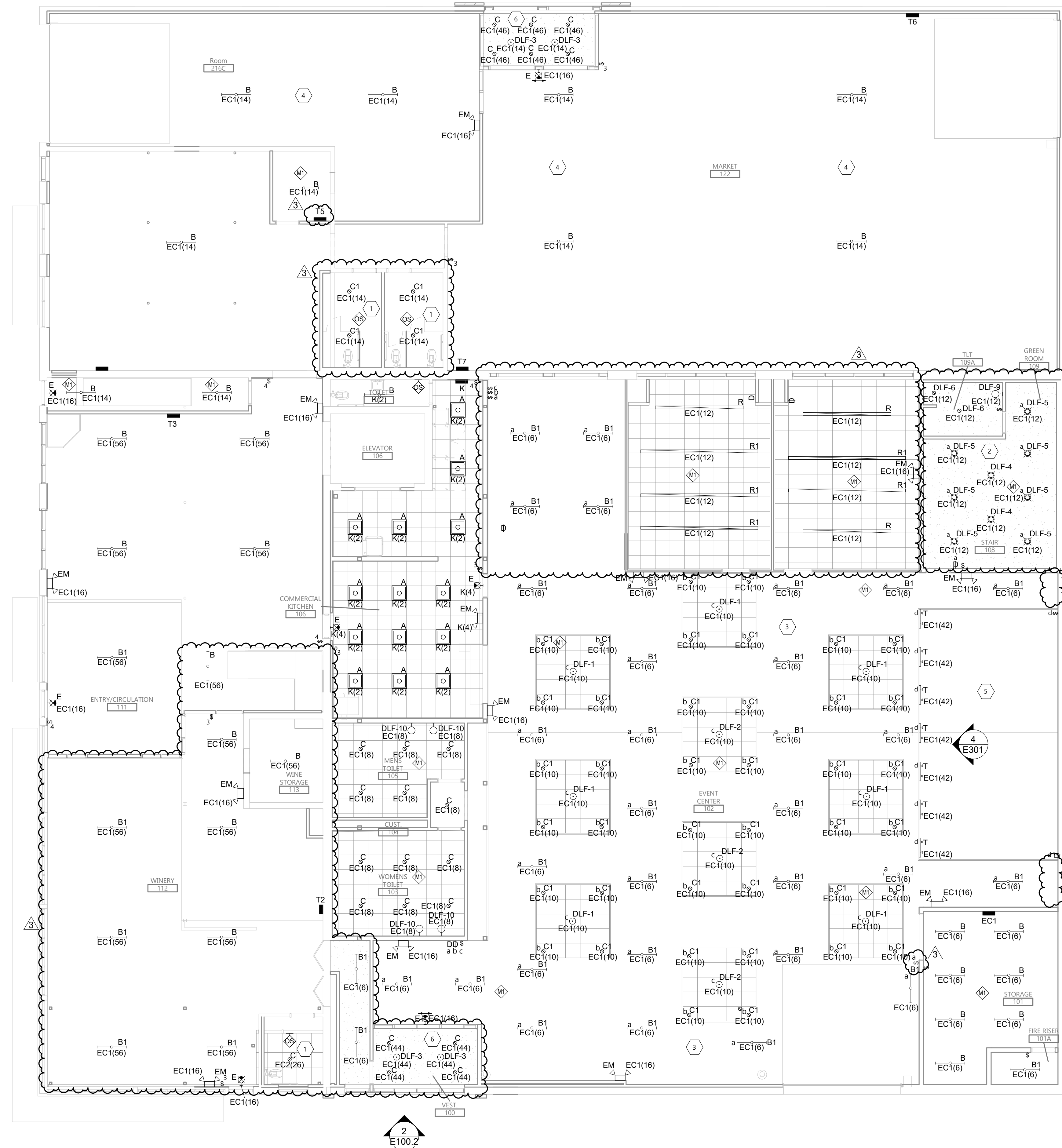
STAMP



DRAWING TITLE
 ROOF POWER PLAN

E204





GENERAL NOTES

A. EC SHALL VERIFY ALL PANEL LOCATIONS PRIOR TO INSTALLATION.

B. NOTE 2

KEYNOTE LEGEND:

◻ <<< INDICATES KEYNOTE ON PLAN

1. EC TO PROVIDE ROUGH-IN FOR WALL MOUNTED LIGHT FIXTURE ABOVE MIRROR. COORDINATE WITH OWNER ON FIXTURE TYPE.
2. COORDINATE OWNER FOR LOCATIONS AND MOUNTING HEIGHTS.
3. MOUNT LIGHT FIXTURES B1 AT 15'.
4. FIXTURES IN THIS SPACE SHALL BE MOUNTED AT HEIGHT OF 15'.
5. COORDINATE WITH OWNER TRACK LIGHTING TYPE AND MOUNTING HEIGHT.
6. LIGHT FIXTURES IN THIS SPACE SHALL BE CONTROLLED BY PHOTOCELL.

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PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
 STATE **ND**

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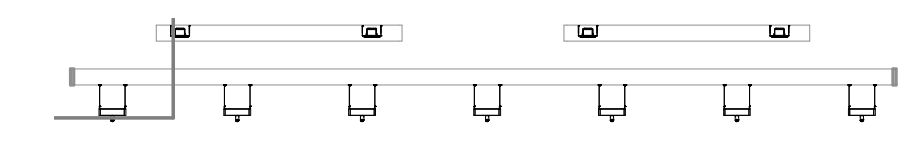
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 LEONARD S. SCHAFF
 PE-2044
 DATE 05/24/2024
 NORTH DAKOTA

DRAWING TITLE
FIRST FLOOR LIGHTING PLAN



1 FIRST FLOOR LIGHTING PLAN
 E301 1/8" = 1'-0"

4 STAGE TRACK LIGHTING
 E301 1/8" = 1'-0"

E301

Revised Version: 2024
 Plot Date: 12/20/2024 10:02:22 AM

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DRAWING TITLE
BASEMENT AND SECOND FLOOR LIGHTING PLAN

E302

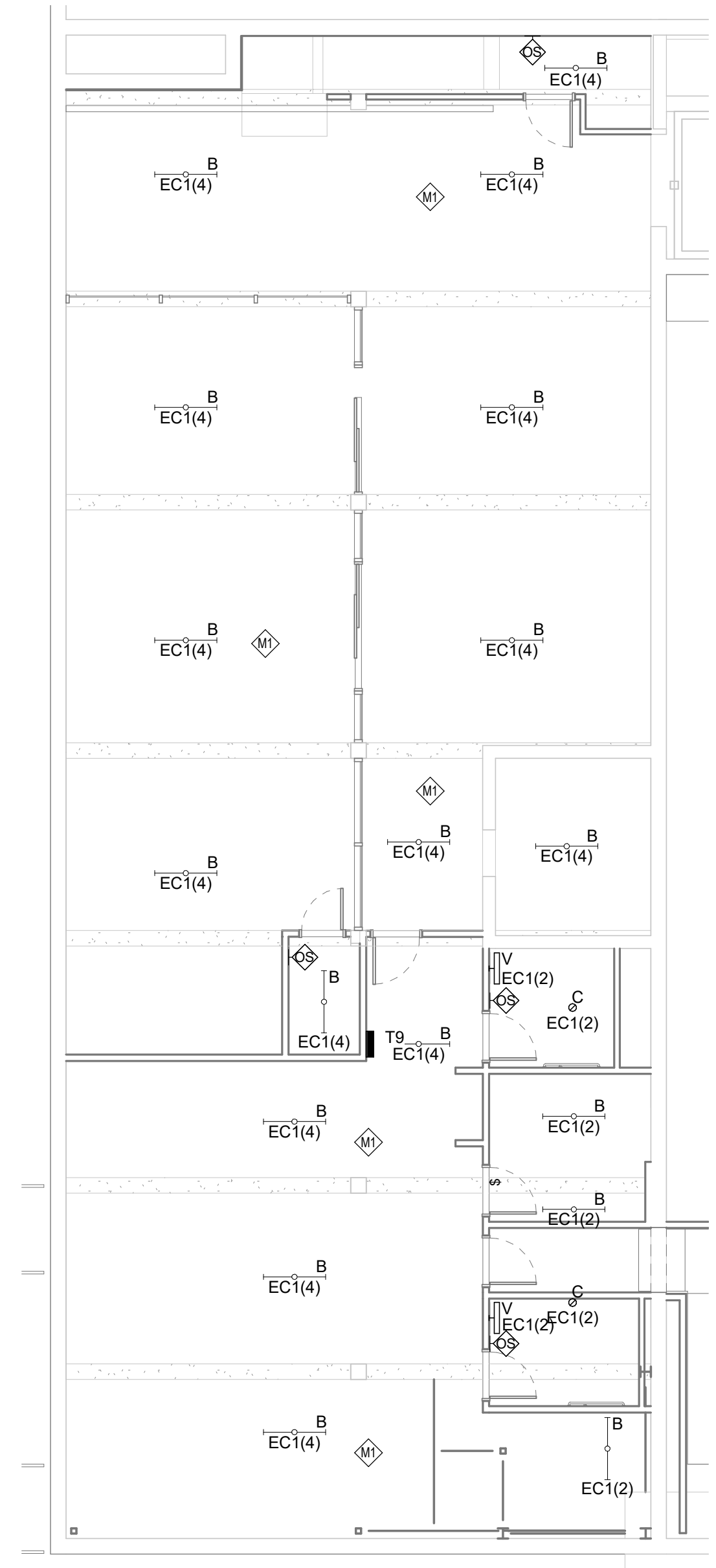
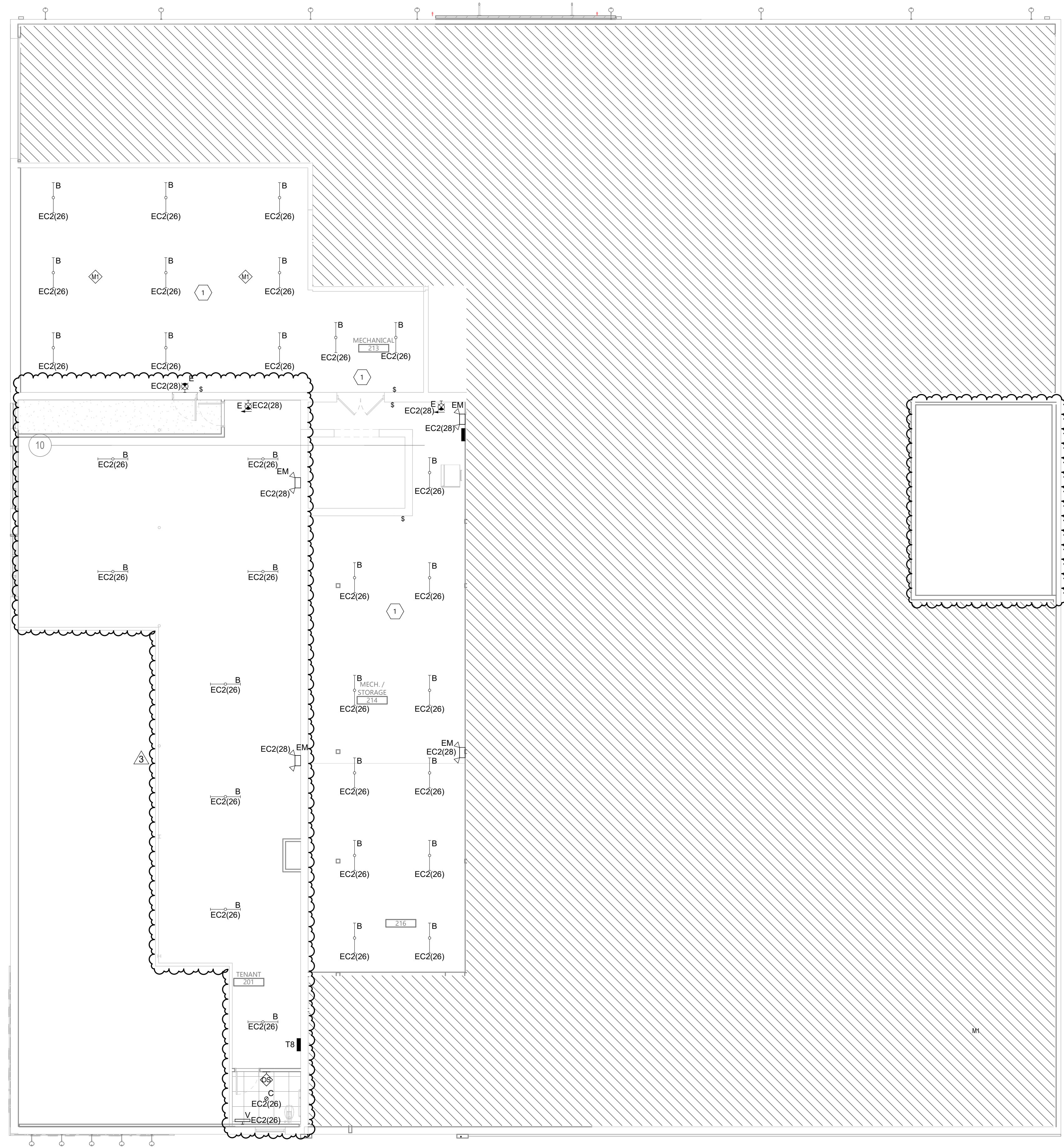
GENERAL NOTES

- A. NOTE 1
- B. NOTE 2

KEYNOTE LEGEND:

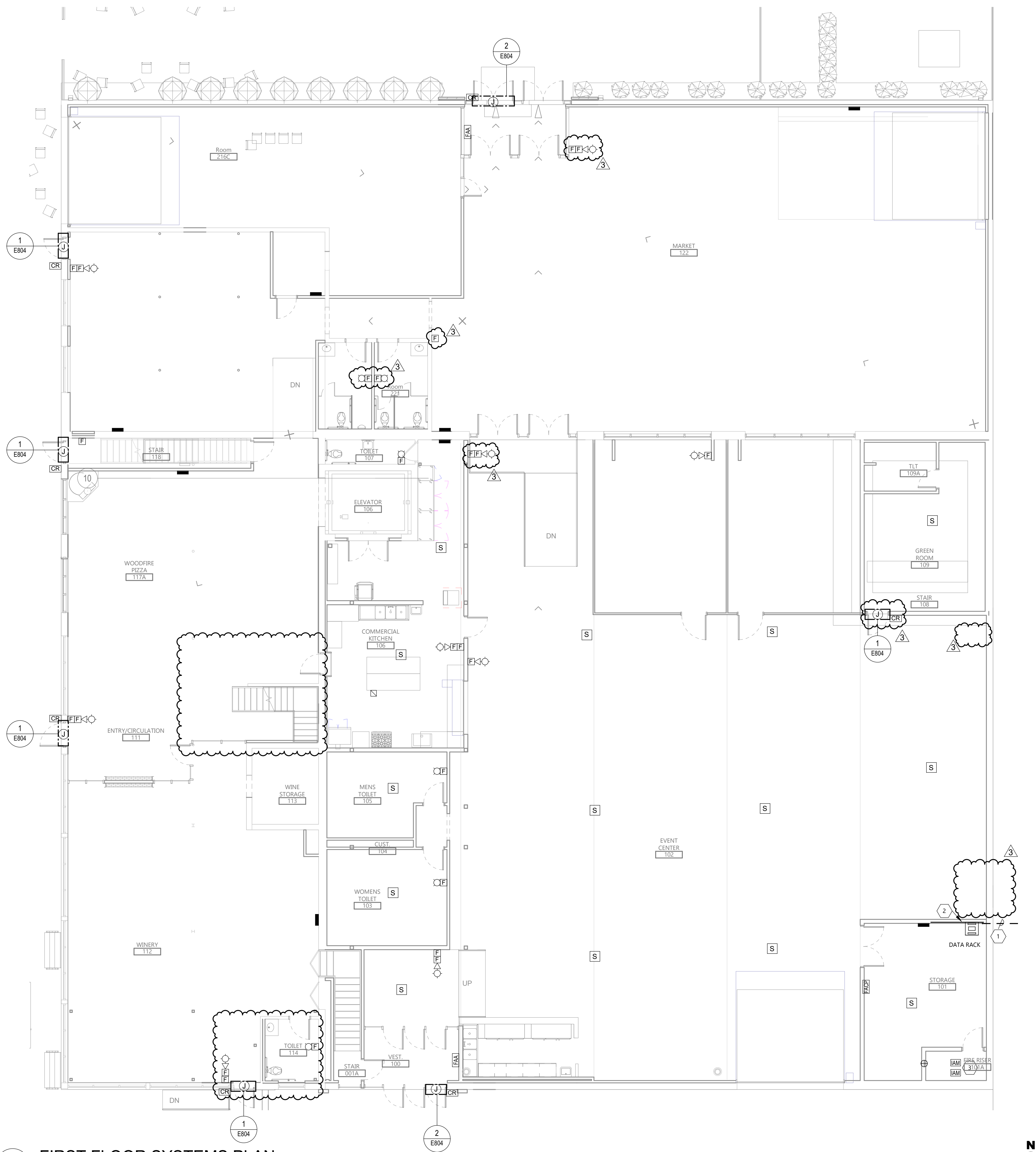
◊ ◊ ◊ INDICATES KEYNOTE ON PLAN

- 1. LIGHT FIXTURES IN THIS SPACE SHALL BE CEILING MOUNTED.
- 2. ELECTRICAL NOTE 2



2 SECOND FLOOR LIGHTING PLAN
E302 1/8" = 1'-0"

1 BASEMENT FLOOR LIGHTING PLAN
E302 1/8" = 1'-0"



GENERAL NOTES

A. NOTE 1
 B. NOTE 2

KEYNOTE LEGEND:

◊ ◊ ◊ INDICATES KEYNOTE ON PLAN

1. STUB (2) 4" CONDUIT OUT TO PROPERTY LINE BASEMENT FOR DATA/TELE/TV.
2. PROVIDE 8'X8'X3/4" FIRE RETARDANT PLYWOOD TELEPHONE TERMINAL BOARD.
3. CONNECT SPRINKLER FLOW SWITCH AND GATE VALVE SWITCHES INTO FIRE ALARM.

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CITY WILLISTON
STATE ND

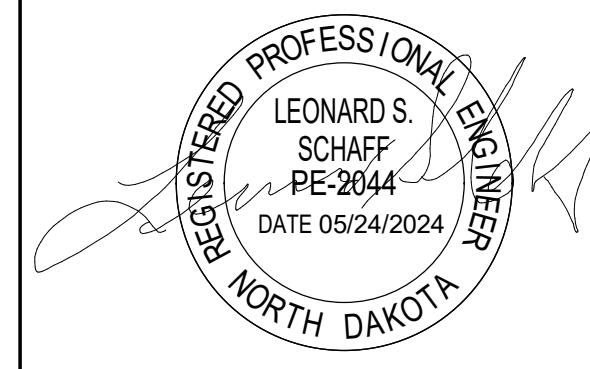
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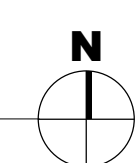
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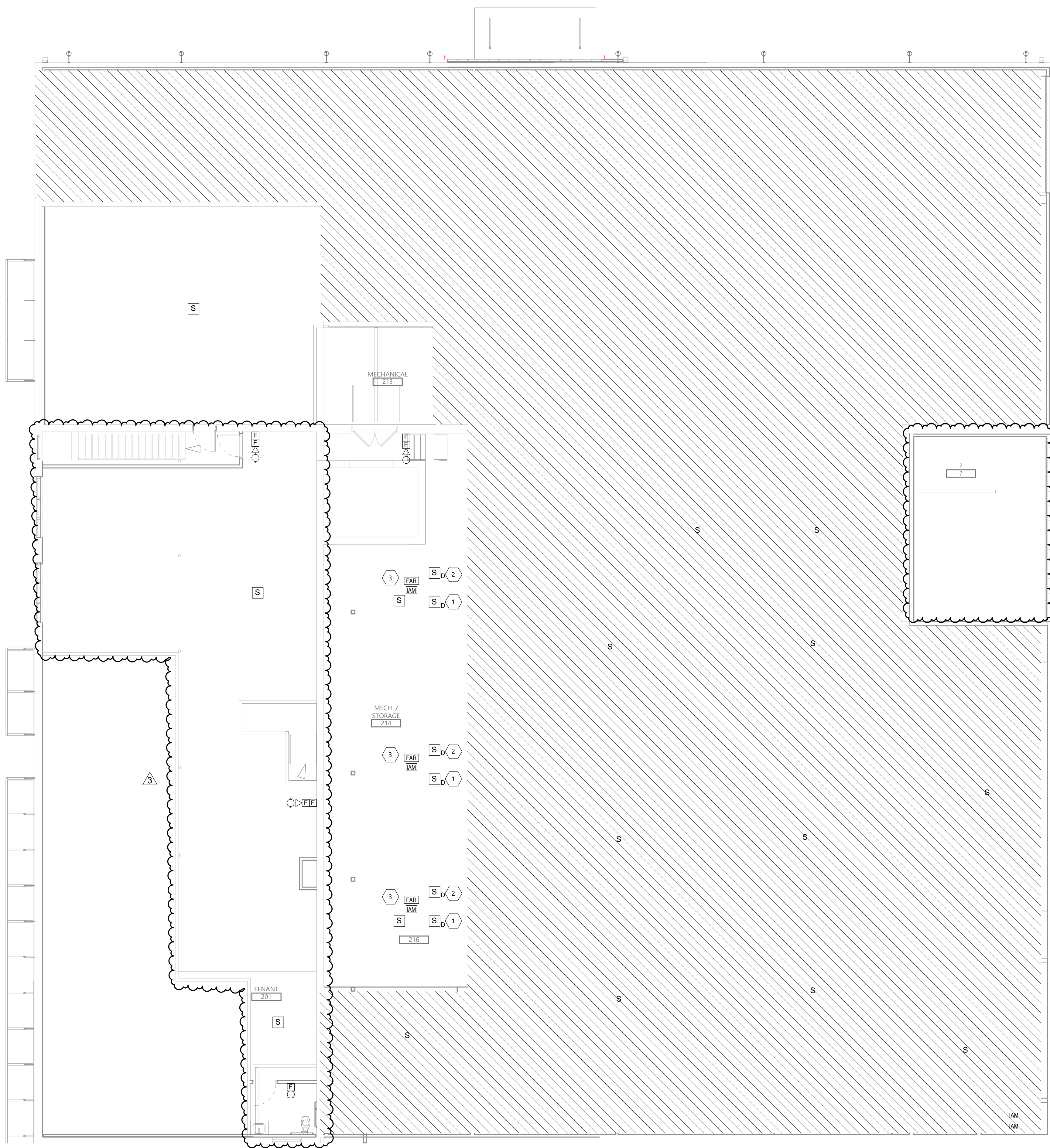


DRAWING TITLE
 FIRST FLOOR SYSTEMS PLAN

E401

3 FIRST FLOOR SYSTEMS PLAN
 E401 1/8" = 1'-0"





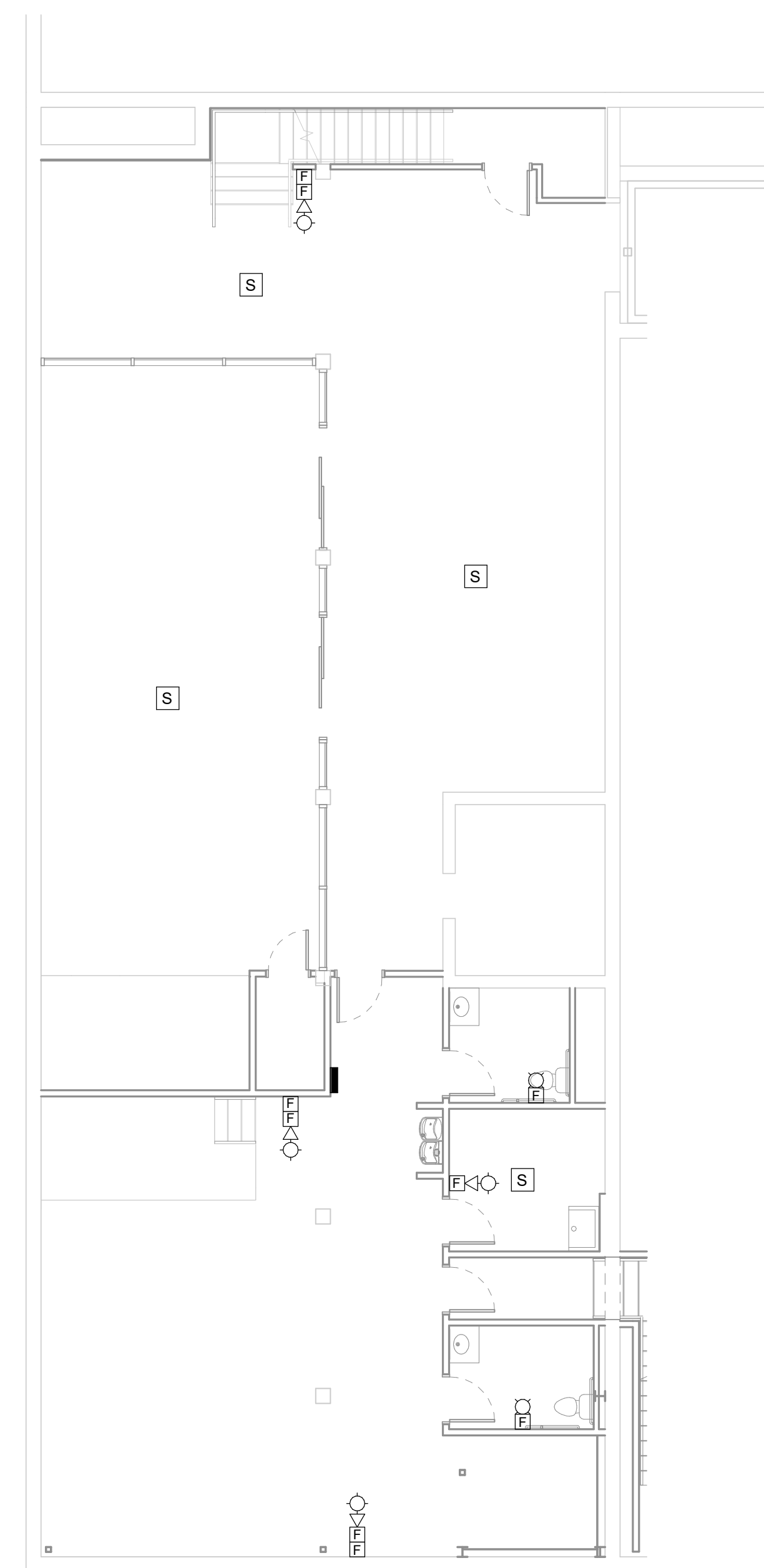
GENERAL NOTES

A. NOTE 1
 B. NOTE 2

KEYNOTE LEGEND:

◻ << INDICATES KEYNOTE ON PLAN

1. MOUNT IN R.A DUCT.
2. MOUNT IN SA DUCT.
3. PROVIDE INTERFACE DEVICE AND RELAY TO SHUT OFF RTU/MAU UNITS UPON FIRE ALARM.
4. SEE E201 FOR BOX DESCRIPTION.



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DRAWING TITLE
BASEMENT AND SECOND FLOOR SYSTEMS PLAN

E402

2 SECOND FLOOR SYSTEMS PLAN
 E402 1/8" = 1'-0"

1 BASEMENT FLOOR SYSTEMS PLAN
 E402 1/8" = 1'-0"

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 Plot Date: 12/20/2024 10:02:38 AM

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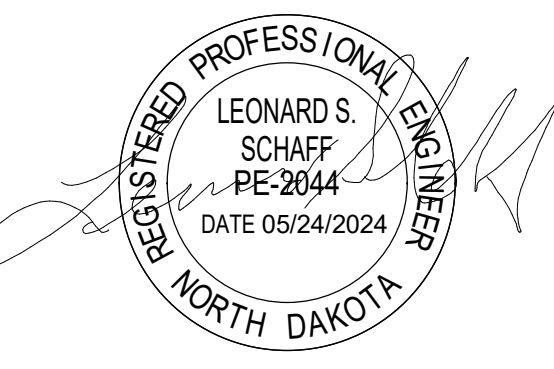
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DRAWING TITLE
ONE-LINE DIAGRAM

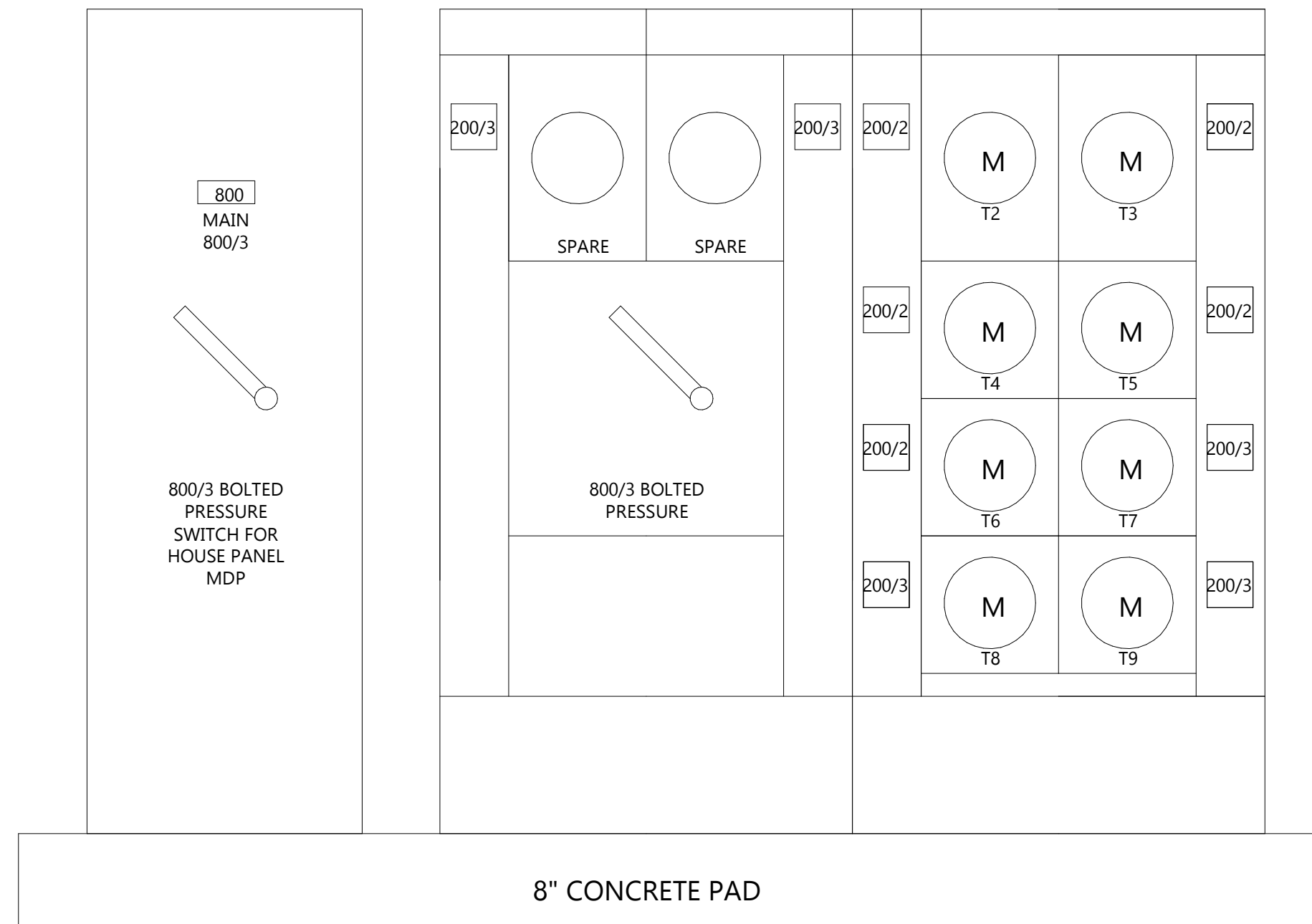
E801

GENERAL NOTES

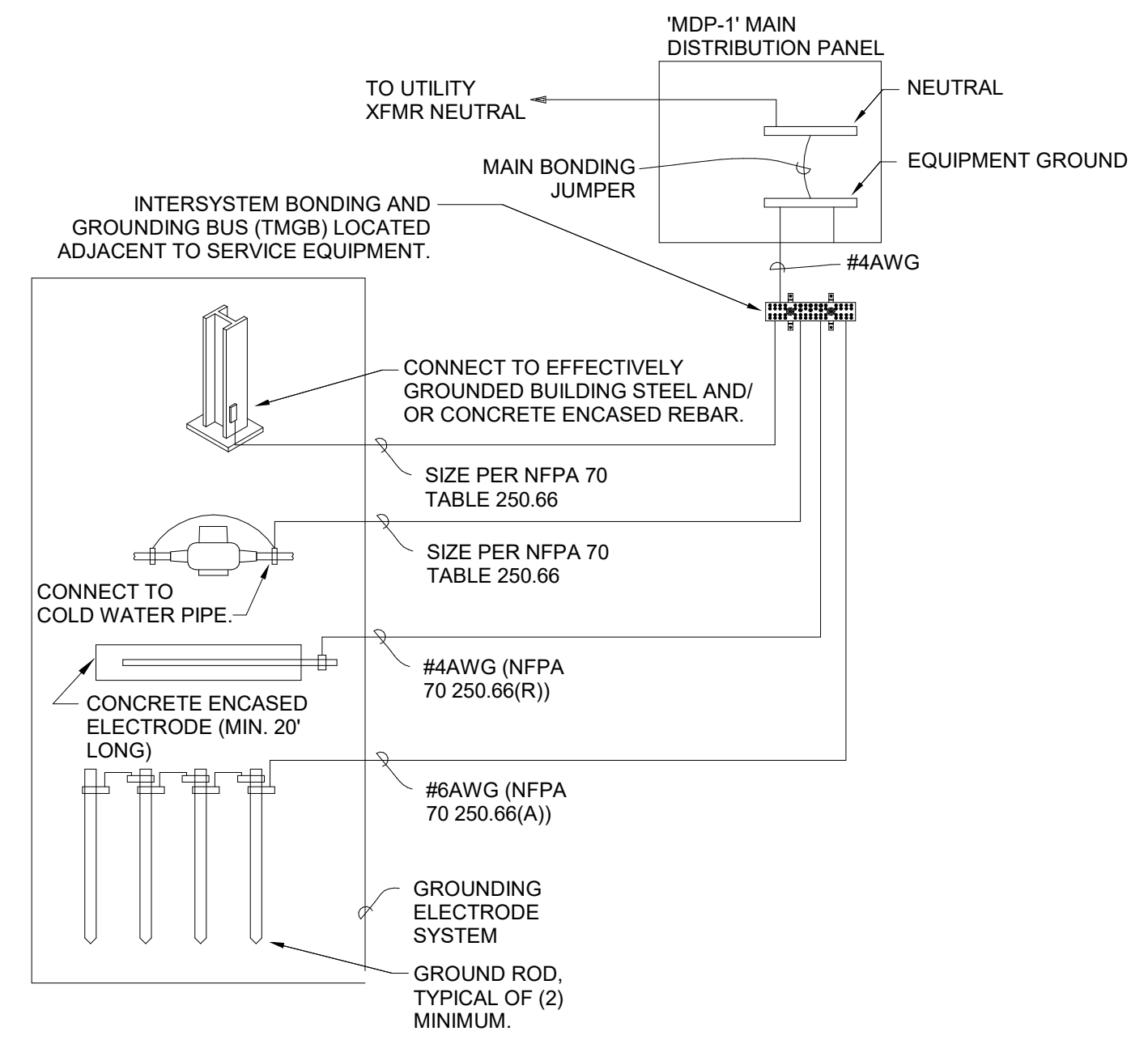
- A. NOTE 1
- B. NOTE 2

KEYNOTE LEGEND:

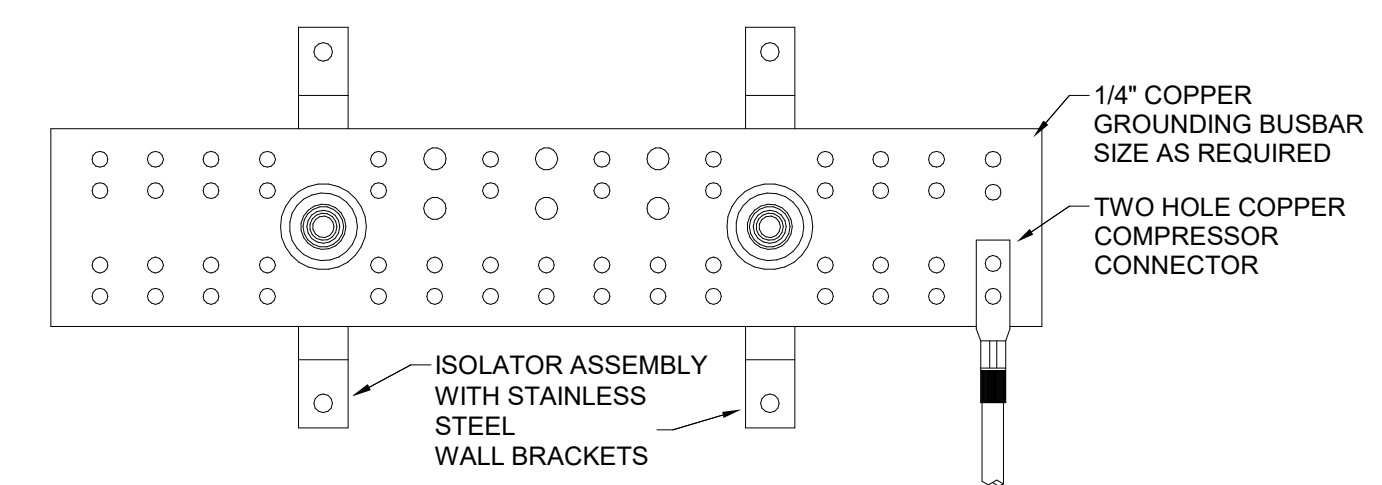
- <<< INDICATES KEYNOTE ON PLAN
- 1. CONNECT EXISTING ELEVATOR TO SWITCHBOARD MDP. PROVIDE WIRING AS NEEDED. PROVIDE FUSE AS REQUIRED BY EXISTED ELEVATOR. ELEVATOR CONTROL ROOM LOCATED UNDER THE STAIRS, NORTH EAST OF BASEMENT.
- 2. LOCATE ON OUTSIDE OF THE BUILDING NEAR TRANSFORMER.



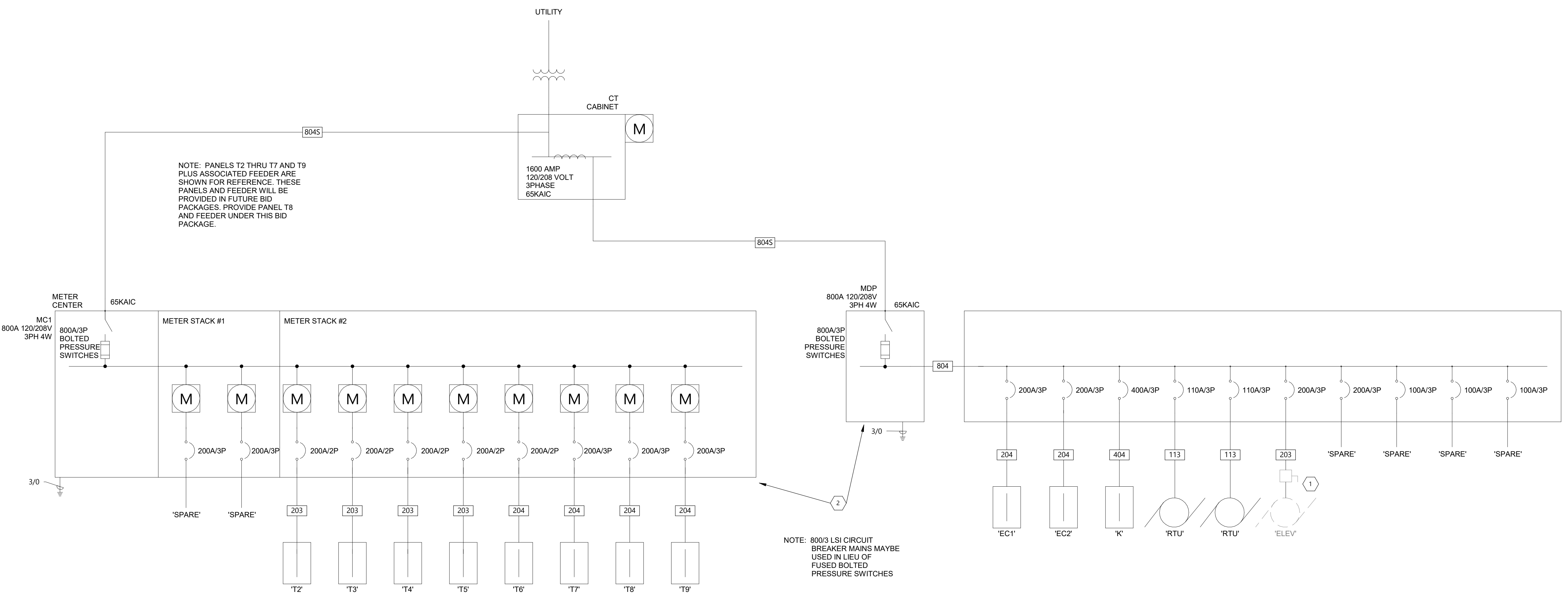
4 SERVICE ENTRANCE
E801 NOT TO SCALE



3 POWER SYSTEM GROUND DETAIL
E801 NOT TO SCALE



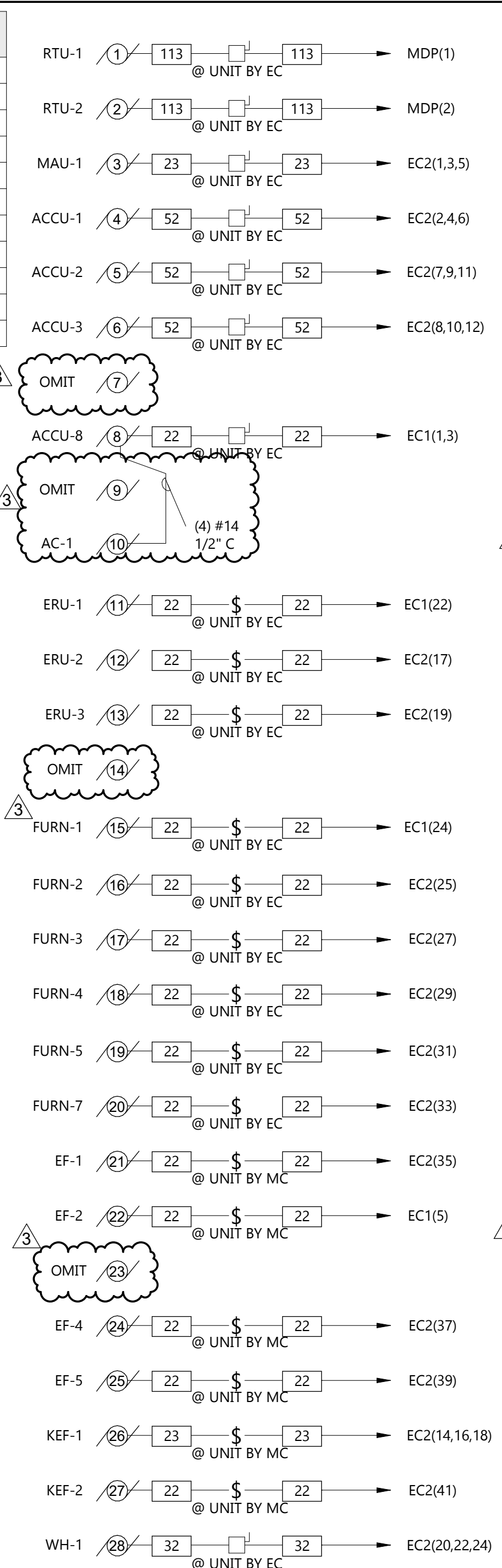
2 GROUND BAR DETAIL
E801 NOT TO SCALE



1 FEEDER RISER DIAGRAM
E801 NOT TO SCALE

Revit Version: 2022, Plot Date: 12/20/24 10:02:43 AM

FEEDER SCHEDULE		
AMPACITY	FEEDER TAG	CONDUIT & THHN WIRE 75°C
20	22	3/4" C - 2 #12 & 1 #12 GND
30	23	3/4" C - 3 #12 & 1 #12 GND
20	32	3/4" C - 2 #10 & 1 #10 GND
50	52	1" C - 2 #6 & 1 #10 GND
110	113	1 1/2" C - 3 #2 & 1 #6 GND
200	203	2 1/2" C - 3 #3/0 & 1 #6 GND
200	204	2 1/2" C - 4 #3/0 & 1 #6 GND
400	404	4" C - 4 #500KCMIL & 1 #3 GND
800	804	(2) 4" C - 4 #500KCMIL & 1 #1/0 GND
800	804S	(2) 4" C - 4 #500KCMIL



1 MOTOR RISER
E802 NOT TO SCALE

MOTOR AND EQUIPMENT SCHEDULE																							
LEGEND:		CM-COMBINATION CB-CIRCUIT BREAKER EC-ELECTRICAL CONTRACTOR EX-EXISTING F-FUSED	M2-MAGNETIC TWO SPEED M-MAGNETIC MC-MECHANICAL CONTRACTOR MM-MANUAL NA-NOT APPLICABLE	NF-NON FUSED OW-OWNER TC-TEMPERATURE CONTRACTOR RF-ROOF RM-ROOM	RPB-REMOTE PUSHBUTTON SC-SELF CONTAINED VC-VENTILATION CONTRACTOR WP-WEATHERPROOFED																		
DESCRIPTION	MOTOR #	FURN BY	LOCATION ROOM #	HP	KW	MCA	FLA	MOP	VOLTAGE	PH (Ø)	STARTER			CONTROL		POWER WIRING	INTERLOCKS		DISCONNECT		NOTES		
											TYPE	SIZE	BY	BY	WIRING		BY	TO	BY	SIZE/TYPE		NEMA	
RTU-1	1	MC	ROOF			96.1		110	208	3				TC	MC	EC	EC	FA	EC	200/3/NF	3R	2	
RTU-2	2	MC	ROOF			96.1		110	208	3				TC	MC	EC	EC	FA	EC	200/3/NF	3R	2	
MAU-1	3	MC	ROOF			57.1		60	208	3				TC	MC	EC	EC	FA	EC	60/3/NF	3R	1,3	
ACCU-1	4	MC	ROOF			27		45	208	3				TC	MC	EC				EC	60/1/NF	3R	
ACCU-2	5	MC	ROOF			27		45	208	3				TC	MC	EC				EC	60/1/NF	3R	
ACCU-3	6	MC	ROOF			27		45	208	3				TC	MC	EC				EC	60/1/NF	3R	
ACCU-8	8	MC	ROOF			13		20	208	1				TC	MC	EC				EC	30/1/NF	3R	
AC-1	9	MC												TC	MC	EC							
AC-2	10	MC												TC	MC	EC							
ERU-1	11	MC	BASEMENT MECH			14.6		15	120	1				TC	MC	EC				MC			
ERU-2	12	MC	SECOND FLOOR 211			15		15	120	1				TC	MC	MC				MC			
ERU-3	13	MC	MECH CHASE 203			12.2		15	120	1				TC	MC	MC				MC			
OMIT	14																						
FURN-1	15	MC	BASEMENT MECH			13.9		15	120	1				TC	MC	EC				EC	TOGGLE		
FURN-2	16	MC	SECOND FLOOR 211			13.9		15	120	1				TC	MC	EC				EC	TOGGLE		
FURN-3	17	MC	MECH CHASE 203			13.9		15	120	1				TC	MC	EC				EC	TOGGLE		
FURN-4	18	MC	FURNITURE 193			13.9		15	120	1				TC	MC	EC				EC	TOGGLE		
FURN-5	19	MC	FURNITURE 193			13.9		15	120	1				TC	MC	EC				EC	TOGGLE		
FURN-7	20	MC	MECH CHASE 203			10.8		15	120	1				TC	MC	EC				EC	TOGGLE		
EF-1	21	MC	ROOF	1/15					120	1				TC	MC	EC				MC			
EF-2	22	MC	ROOF		.0102				120	1				TC	MC	EC				MC			
OMIT	23	MC																					
EF-4	24	MC	RM 202		.0059				120	1				TC	MC	EC				MC			
EF-5	25	MC	ROOF	1/4					120	1				TC	MC	EC				MC			
KEF-1	26	MC		2					208	3				TC	MC	EC				MC		4	
KEF-2	27	MC	ROOF	1/4					115	1	MM	EC	TC	MC	EC					MC			
WH-1	28	MC	MECH 215		4.5				208	1				TC	MC	EC				EC	30/2/NF	1	

- NOTES:**
- SEWIRE, AND CONNECT MC SUPPLIED DISCONNECT.
 - PROVIDE DUCT SMOKE DETECTORS ON RETURN AND SUPPLY AIR DUCKS TO RTU UNIT. WIRE TO SHUTDOWN UPON FIRE ALARM WITH IAM AND FAN SHUT RELAY.
 - PROVIDE DUCT SMOKE DETECTORS ON RETURN AND SUPPLY AIR DUCKS TO MAU UNIT. WIRE TO SHUTDOWN UPON FIRE ALARM WITH IAM AND FAN SHUT RELAY.
 - WIRE THROUGH MC PROVIDED RANGEHOOD CONTROL PANEL.

ELECTRIC HEAT SCHEDULE								
SYMBOL	LENGTH	TOTAL WATTS	VOLTAGE & PHASE	MOUNTING	MANUFACTURER	CATALOG NO.	CONTROL	REMARKS
CUH 1.5	19-5/16" H X 15-3/4" W X1-1/4" D	1500	120/1	RECESSED	BERKO	FRC1512F	REMOTE THERMOSTATE	1

NOTES:

- PROVIDE A GUARD WITH THERMOSTAT

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PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

ISSUE DATES

3	BP#3	12/18/2024
CD	BP #2	05/24/2024
MARK	DESCRIPTION	DATE

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MOTOR & EQUIPMENT SCHEDULE & RISER

E802

LIGHTING CONTROL SCHEDULE													
SYMBOL	MANUFACTURER	CATALOG NAME	MOUNTING			VOLTAGE		TYPE			NOTES	DESCRIPTION	
			WALL	CLING	ABV. CLG	LINE	LOW	OCCUPANCY	VACANCY	OTHER			
∅	SENSOR SWITCH	NPODM DX	X				X				X	2	DIMMER ONLY
Ⓜ	SENSOR SWITCH	RM-PDT		X			X	X					CEILING MOUNTED DUAL TECHNOLOGY
Ⓞ	SENSOR SWITCH	WSX-PDT	X			X		X					WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH ON/OFF SWITCH

GENERAL NOTES:
A. ALL SENSORS ARE SHOWN FOR CONTROL PURPOSE ONLY; ADDITIONAL DEVICE/POWER MAY BE REQUIRED FOR A COMPLEX SYSTEM. VERIFY REQUIRED DEVICES WITH SYSTEM PROVIDER AND INSTALL COMPLETE SYSTEM.
B. WIRE LIGHTING CONTROL COMPONENTS PER MANUFACTURERS INSTRUCTIONS.

NOTES:
1. NUMBER REPRESENTS QUANTITY OF RELAYS PER DEVICE. SEE LIGHTING SHEETS FOR NUMBER OF RELAYS AND CONTROL ZONES. MULTI-RELAY ROOM CONTROLLERS MAY BE USED IN LIEU OF SINGLE RELAY ROOM CONTROLLERS.
2. SEE SWITCH DETAILS FOR MORE INFORMATION ON SPECIFIC TIMECLOCK SWITCHES/DIMMERS BUTTON LAYOUT AND ENGRAVING.

LUMINAIRE SCHEDULE											
TYPE	MANUFACTURER	CATALOG NUMBER	LAMP	MOUNTING	LOCATION	VOLTAGE	CCT	LUMENS	WATTS	NOTES	DESCRIPTION
A	LITHONIA	CPX 2X2 ALO7 SWW7 M2 80 CRI SWL MVOLT E10WLCP	LED	RECESSED	CEILING	MVOLT	4000	4000	31		2X2 FLAT PANEL
A1	LITHONIA	CPX 2X4 ALO8 SWW7 M2 80 CRI SWL MVOLT E10WLCP	LED	RECESSED	CEILING	MVOLT	3500	4000	36		2X4 FLAT PANEL
B	LITHONIA	CLX-L48-5000LM-40K-SEF-RDL-MVOLT-GZ10-80CRI-E10WCP	LED	CHAIN HUNG/SURFACE	CEILING	MVOLT	4000	5000	32		4' STRIP LIGHT, FINISH SELECTED BY ARCH
B1	LITHONIA	CLX-L48-5000LM-40K-SEF-RDL-MVOLT-GZ10-80CRI-E10WCP	LED	CHAIN HUNG	CEILING	MVOLT	4000	10000	71		4' STRIP LIGHT, FINISH SELECTED BY ARCH
C	GOTHAM LIGHTING	EVO6CC-35/10-AR-LSS-ND-MVOLT-GZ10-JBX-C120-E10WCP	LED	RECESSED	CEILING	MVOLT	3500	2000			6" DOWNLIGHT, FINISH SELECTED BY ARCH
C1	GOTHAM LIGHTING	EVO6CC-35/20-AR-LSS-ND-MVOLT-GZ10-JBX-CCAN-C120-E10WCP	LED	PENDANT	CEILING	MVOLT	3500	1000	9.6		6" DOWNLIGHT
DLF-1	BETTER DESIGNED LIGHTING	CHANDELIER IRON LOOK	BULB	PENDANT	CEILING	120					CHANDELIER
DLF-2	BETTER DESIGNED LIGHTING	CHANDELIER TIERED	BULB	PENDANT	CEILING	120					CHANDELIER
DLF-3	KALCO LIGHTING	VERDE CHANDELIER	LED	PENDANT	CEILING	120	3000	4800	6X9W		CHANDELIER
DLF-4	MITZI	MIMI FLUSHMOUNT	LED	SURFACE	CEILING	120	2700	4800	6X9W		FLUSHMOUNT LIGHT
DLF-5	WAC LIGHTING	ROUND LED FLUSHMOUNT	LED	SURFACE	CEILING	120	3500	1525	20		FLUSHMOUNT, WHITE
DLF-6	AERO PURE	SLIM FIT ROUND PROFILE QUIET BATHROOM EXHAUST FAN WITH LED LIGHT	LED	RECESSED	CEILING	120	3000	850	10		SLIM FIT ROUND PROFILE QUIET BATHROOM EXHAUST FAN WITH LED LIGHT
DLF-7	LUCENT LIGHTSHOP	SUMMIT SPUTNIK FLUSH MOUNT	BULB	SURFACE	CEILING	120			60W/SOCKET		FLUSHMOUNT
DLF-8	WAC LIGHTING	ROUND LED FLUSHMOUNT	LED	SURFACE	CEILING	120	3500	1525	20		FLUSHMOUNT, BLACK
DLF-9	KOHLER	K-31762-SC02	BULB	SURFACE	WALL	120			120		TWO-LIGHT SCONCE
DLF-10	KOHLER	K-31775-SC01	BULB	SURFACE	WALL	120			60		ONE-LIGHT SCONCE
DLF-11	KOHLER	K-31762-SC02	BULB	SURFACE	WALL	120			120		TWO-LIGHT SCONCE
E1	LITHONIA	LQC1R-ELN	LED	SURFACE	WALL	120			1		EXIT LIGHT, FINISH SELECTED BY ARCH
EM	LITHONIA	ELM2L-SDRT	LED	SURFACE	WALL	120		440	5		EMERGENCY LIGHT, FINISH SELECTED BY ARCH
R	PREDENTIAL	BIONICPRO4-FLSH-LED4-SO-12"-TMW-TMW-SAL-LP-SC-UNV-DM01	LED	RECESSED	CEILING	UNV	4000	925	7.8/FT		12" RECESSED LINEAR LIGHTS
R1	PREDENTIAL	BIONICPRO4-FLSH-LED4-SO-16"-TMW-TMW-SAL-LP-SC-UNV-DM01	LED	RECESSED	CEILING	UNV	4000	925	7.8/FT		16" RECESSED LINEAR LIGHTS
T	WAC	J-2042-940-BK	LED	SURFACE	CEILING	120	4000	2520	42		TRACK LIGHT FINISH SELECTED BY ARCH
V	LITHONIA	FMVCCLS 24IN	LED	SURFACE	WALL	MVOLT	4000	1690	27		24" VANITY, FINISH SELECTED BY ARCH

NOTES:
1.
2.
3.
4.



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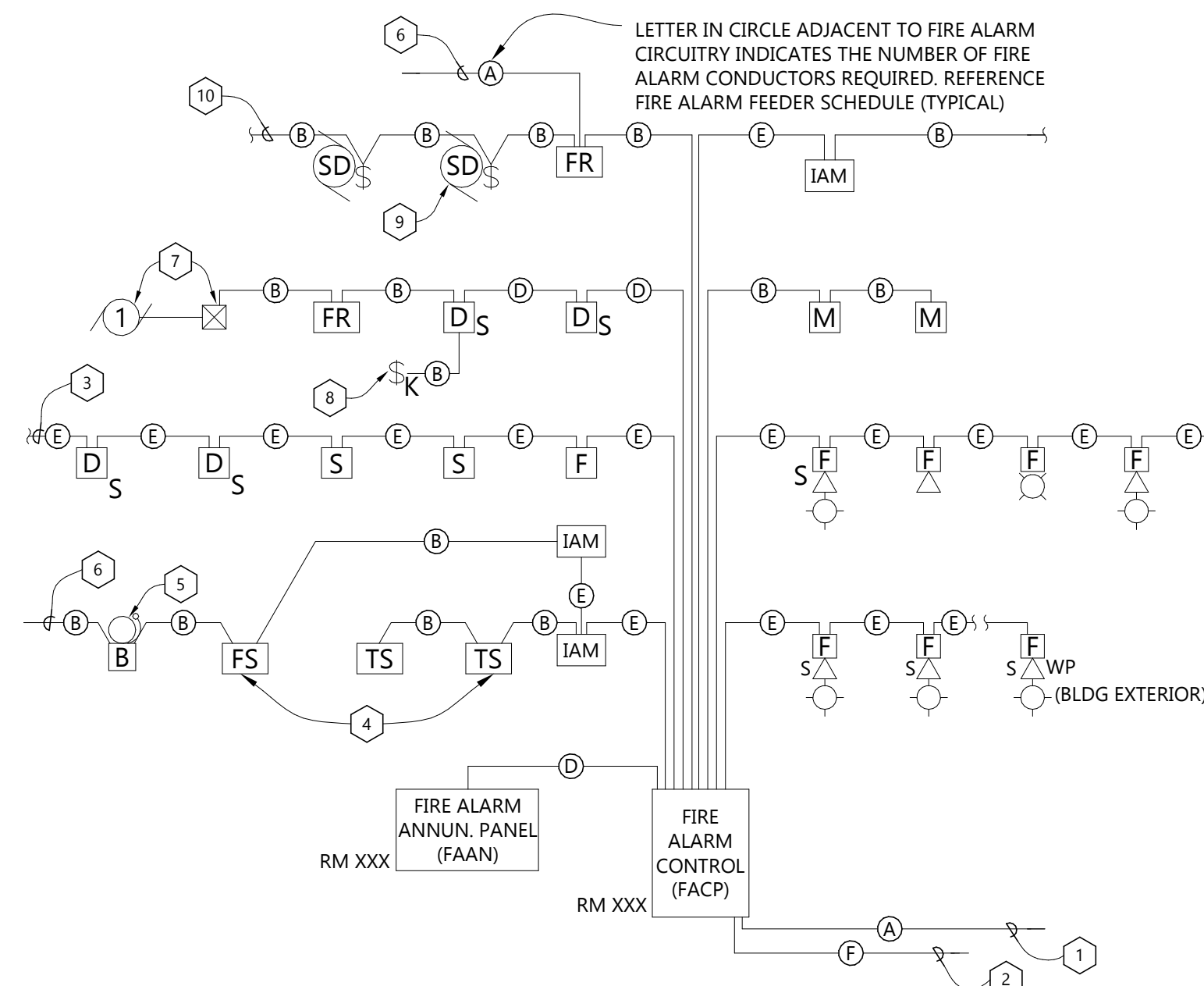
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LIGHTING SCHEDULES
& DETAILS

E803.2

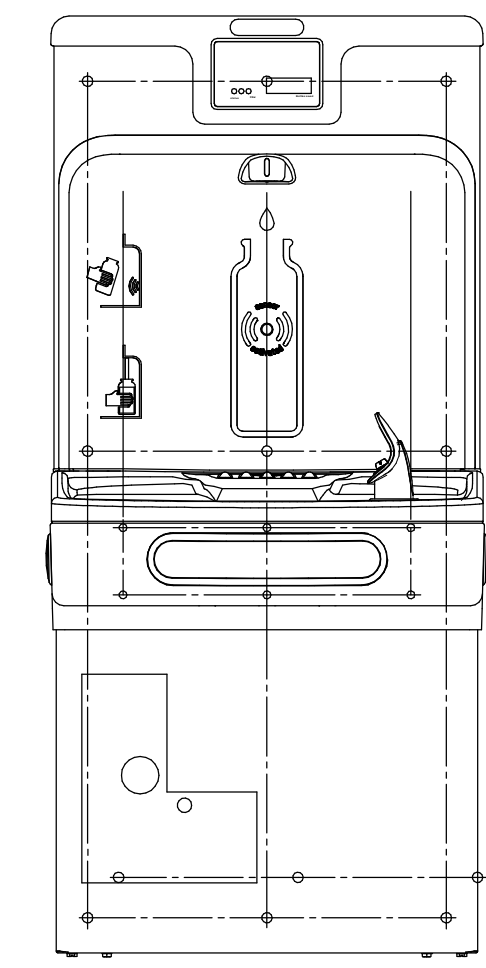


FIRE ALARM FEEDER SCHEDULE					
MARK	CONDUIT NO.	SIZE	#14	* COMMUNICATIONS CABLE	NOTES
(A)	1	1/2"	-	-	2#12 AWG
(B)	1	1/2"	2	-	-
(C)	1	1/2"	4	-	-
(D)	1	1/2"	2	1	-
(E)	1	1/2"	-	1	-
(F)	1	1/2"	-	-	(1)CATEGORY 5E UTP
(G)	1	3/4"	5	1	-
(H)	1	-	-	-	-
(J)	1	-	-	-	-
(K)	1	-	-	-	-

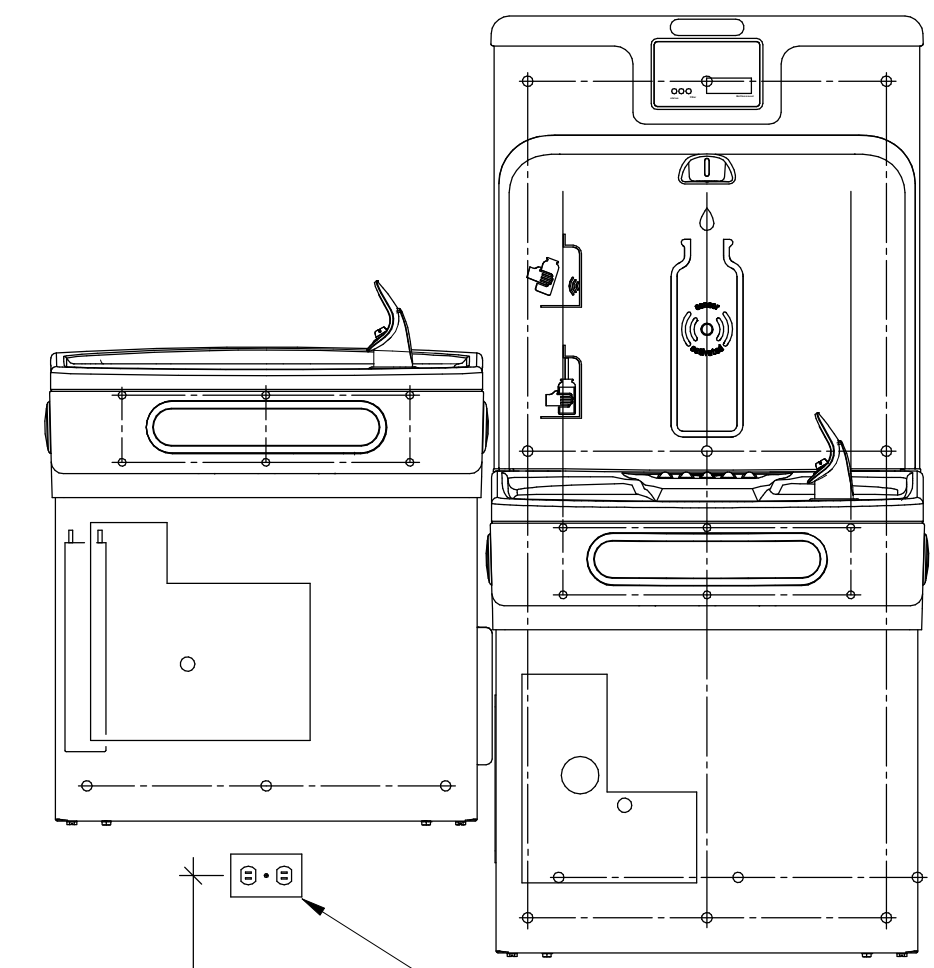
* COMMUNICATIONS CABLE TO BE 1-#18GA, TWISTED, SHIELDED PAIR. (WEST PENN #975 OR EQUAL)

- GENERAL NOTE:**
 A THE INTENT OF THIS RISER IS GENERAL WIRING FOR DESIGN ONLY. VERIFY EXACT REQUIREMENTS AND COMPLY WITH MANUFACTURERS RECOMMENDATIONS FOR ACTUAL EQUIPMENT FURNISHED.
- REFERENCE NOTES:**
- TO DEDICATED 20/1 CIRCUIT BREAKER EML(V5).
 - TO TELEPHONE DEMARK FOR REMOTE REPORTING.
 - TO NEXT DEVICE.
 - ELECTRICAL CONTRACTOR TO ALLOW IN HIS BID TO WIRE ALL TAMPER AND FLOW SWITCHES FURNISHED AND INSTALLED BY THE SPRINKLER CONTRACTOR. VERIFY QUANTITY LOCATION AND EXACT REQUIREMENTS WITH SPRINKLER CONTRACTOR.
 - ELECTRICAL CONTRACTOR TO ALLOW IN HIS BID TO WIRE SPRINKLER FLOW ALARM BELL FURNISHED AND INSTALLED ON BUILDING EXTERIOR BY SPRINKLER CONTRACTOR. PROVIDE LOW VOLTAGE TRANSFORMER (IF REQUIRED) AND EXTEND 120V POWER FROM NEAREST CONTINUOUS SOURCE.
 - TO NEAREST CONTINUOUS 120 VOLT SOURCE.
 - AIR HANDLING UNIT AND ASSOCIATED MOTOR CONTROLLER.
 - REMOTE DUCT SMOKE DETECTOR ALARM INDICATOR AND TEST SWITCH. VERIFY EXACT LOCATION WITH MECHANICAL EQUIPMENT PRIOR TO INSTALLATION.
 - SMOKE DAMPERS FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. WIRED BY ELECTRICAL CONTRACTOR. TRANSFORMER BY MC, ISOLATION SWITCH BY EC.
 - TO NEXT SMOKE DAMPER. DO NOT EXCEED (6) SMOKE DAMPERS PER RELAY.

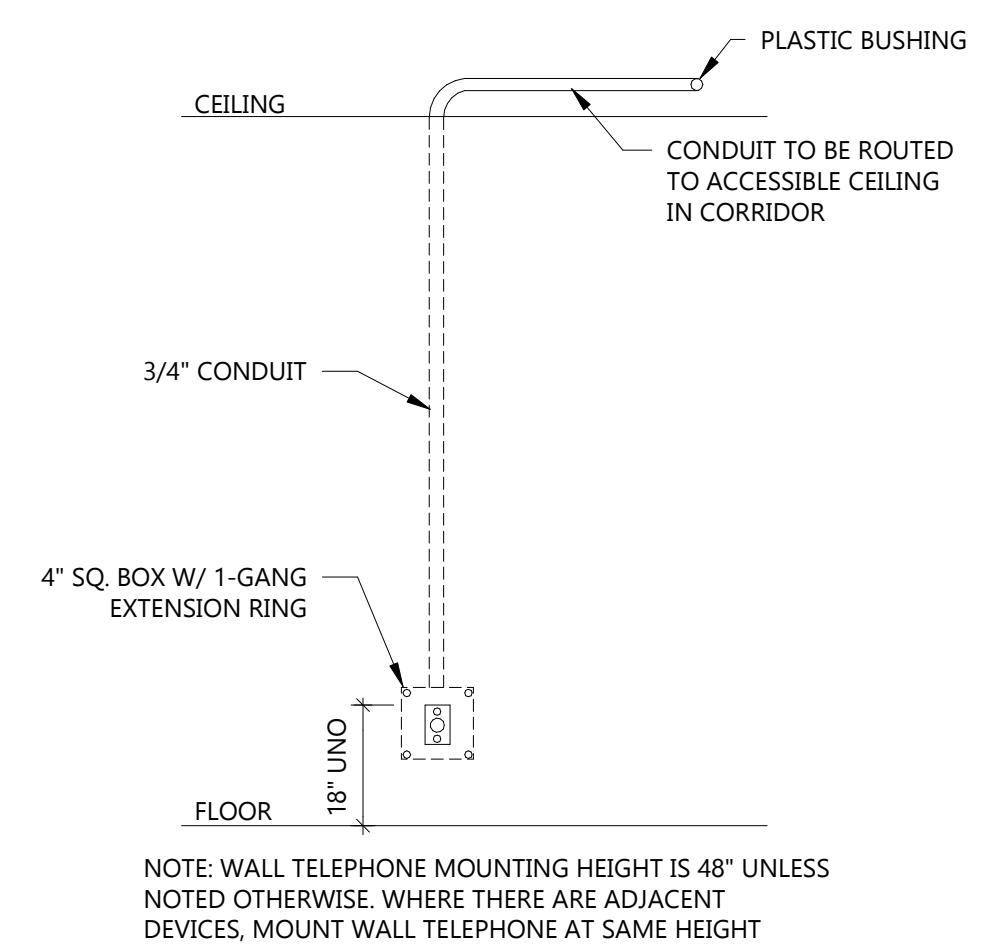
9 TYPICAL ADDRESSIBLE FIRE ALARM RISER
 E804 NOT TO SCALE



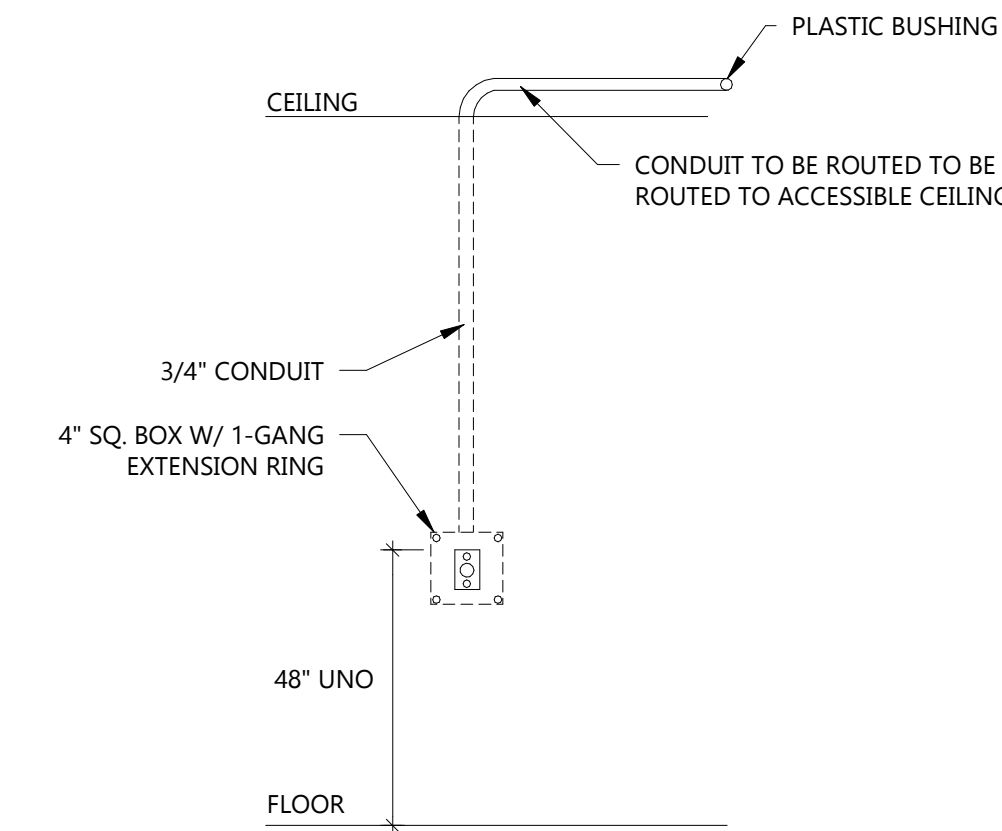
8 SINGLE STATION EWC DETAIL
 E804 NOT TO SCALE



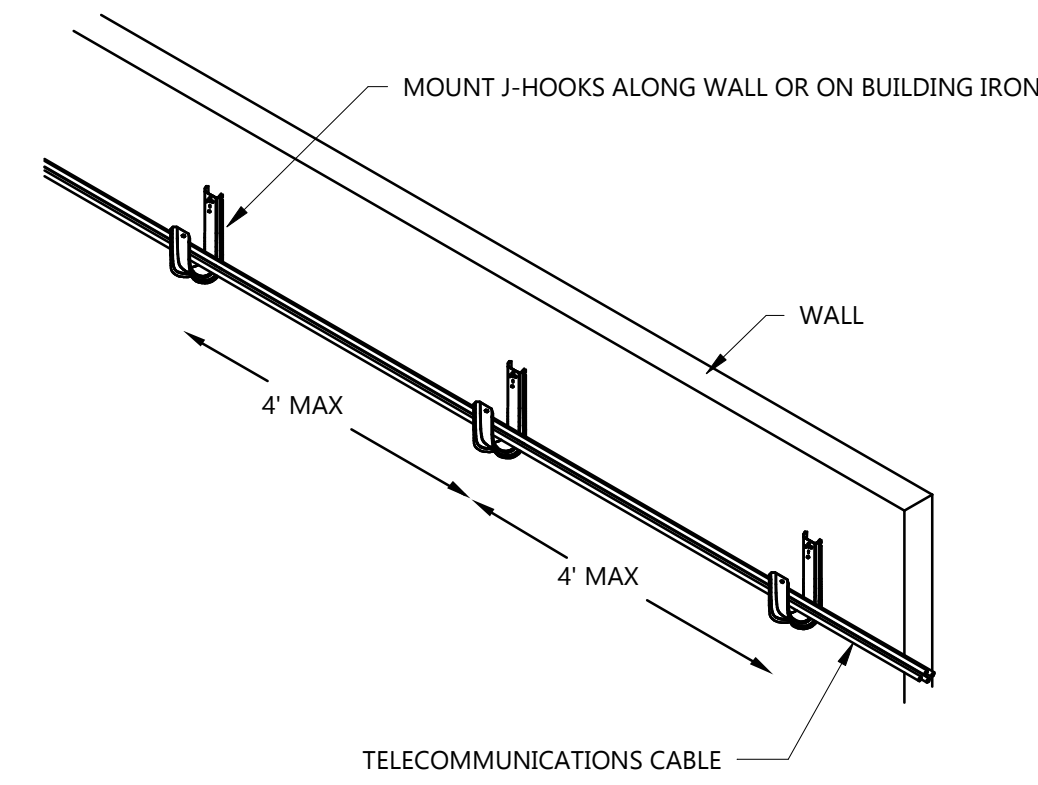
7 DUAL STATION EWC DETAIL
 E804 NOT TO SCALE



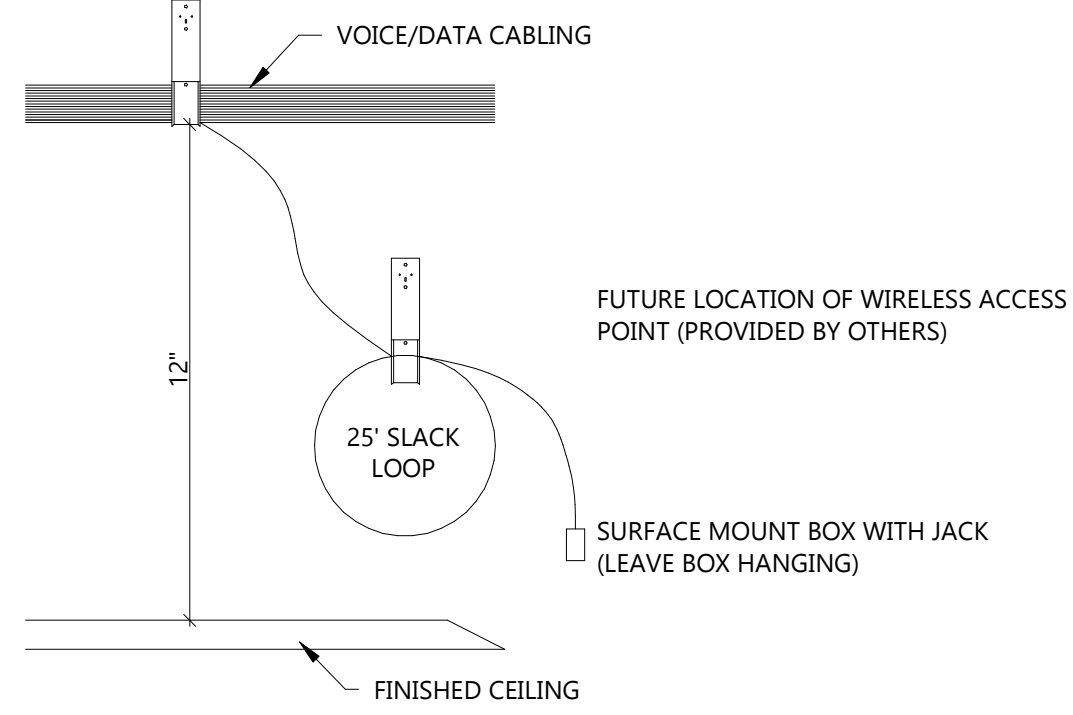
6 DATA/TELEPHONE ROUGH-IN DETAIL
 E804 NOT TO SCALE



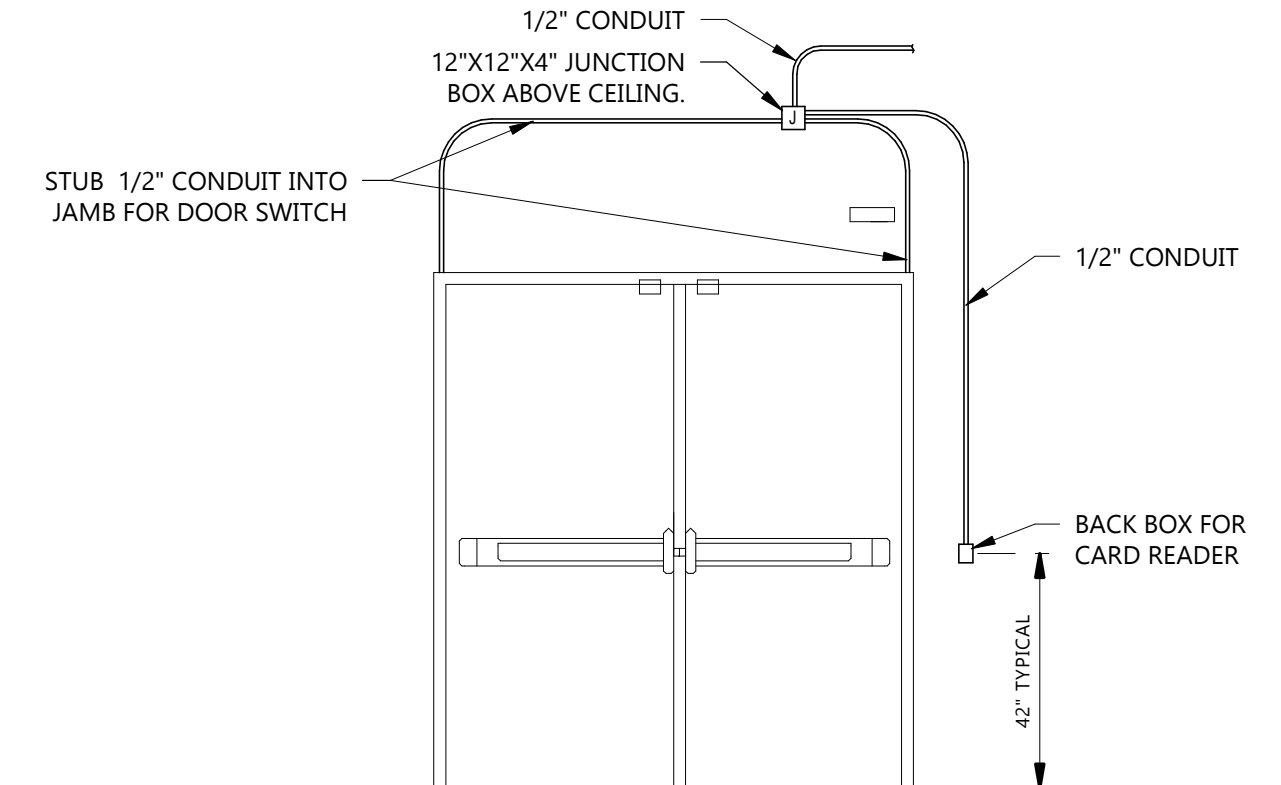
5 VOLUME CONTROL/THERMOSTAT MOUNTING DETAIL
 E804 NOT TO SCALE



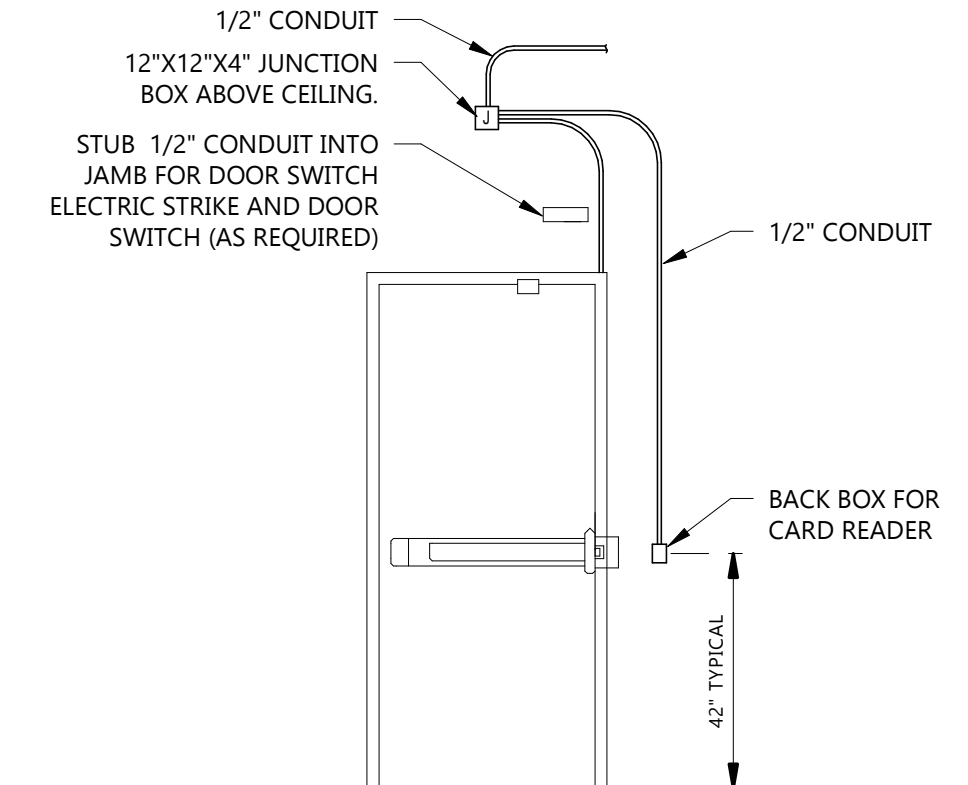
4 J-HOOK ROUTING DETAIL
 E804 NOT TO SCALE



3 TYPICAL WIRELESS ACCESS POINT DETAIL
 E804 NOT TO SCALE



2 DOUBLE DOOR CARD READER ROUGH-IN DETAIL
 E804 NOT TO SCALE



1 SINGLE DOOR CARD READER ROUGH-IN DETAIL
 E804 NOT TO SCALE

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 STATE **ND**

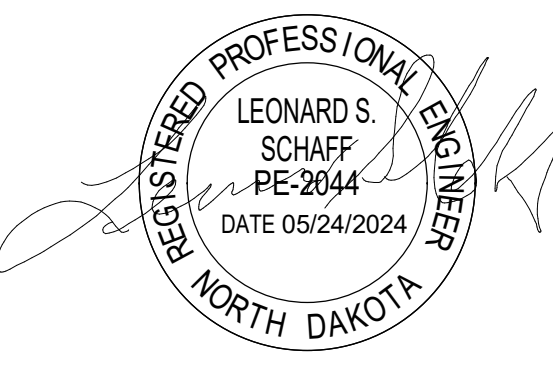
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DETAILS, SCHEDULES & RISER DIAGRAMS

E804

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PROJECT DESCRIPTION
GREAT NORTHERN

CITY **WILLISTON**
STATE **ND**

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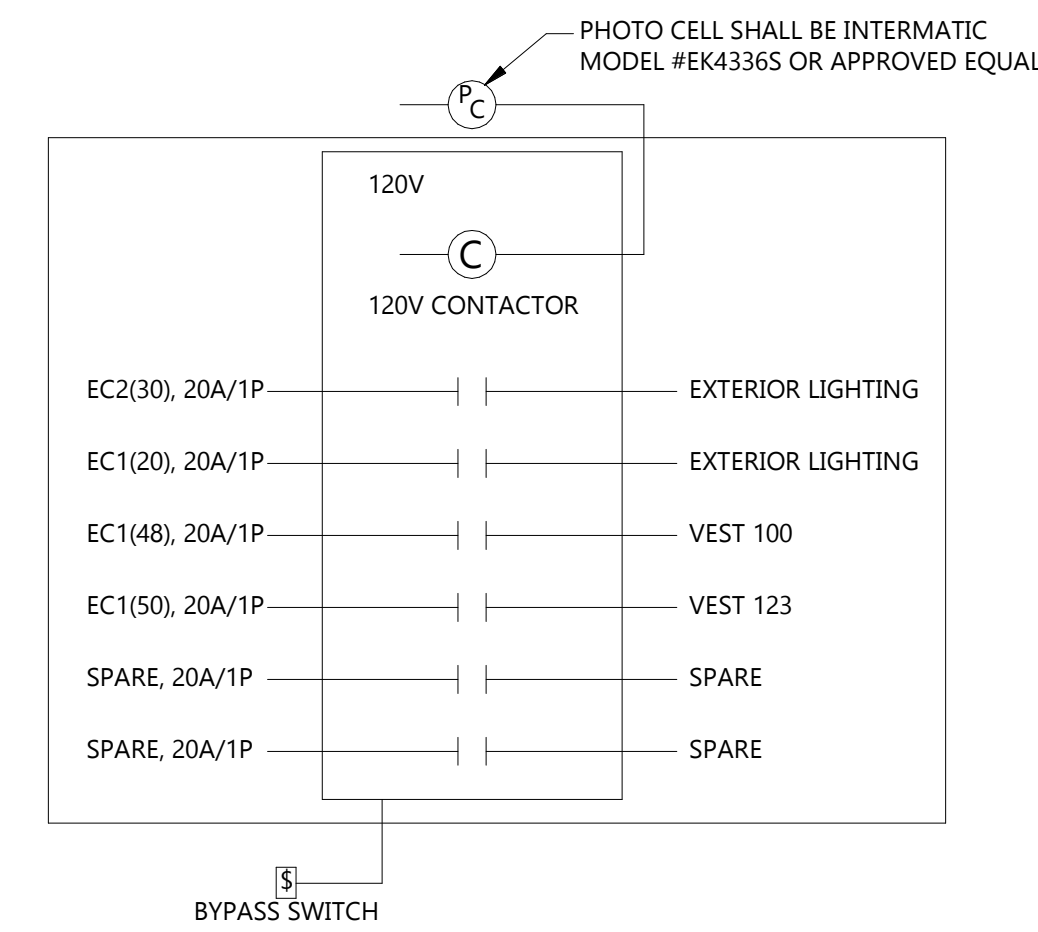
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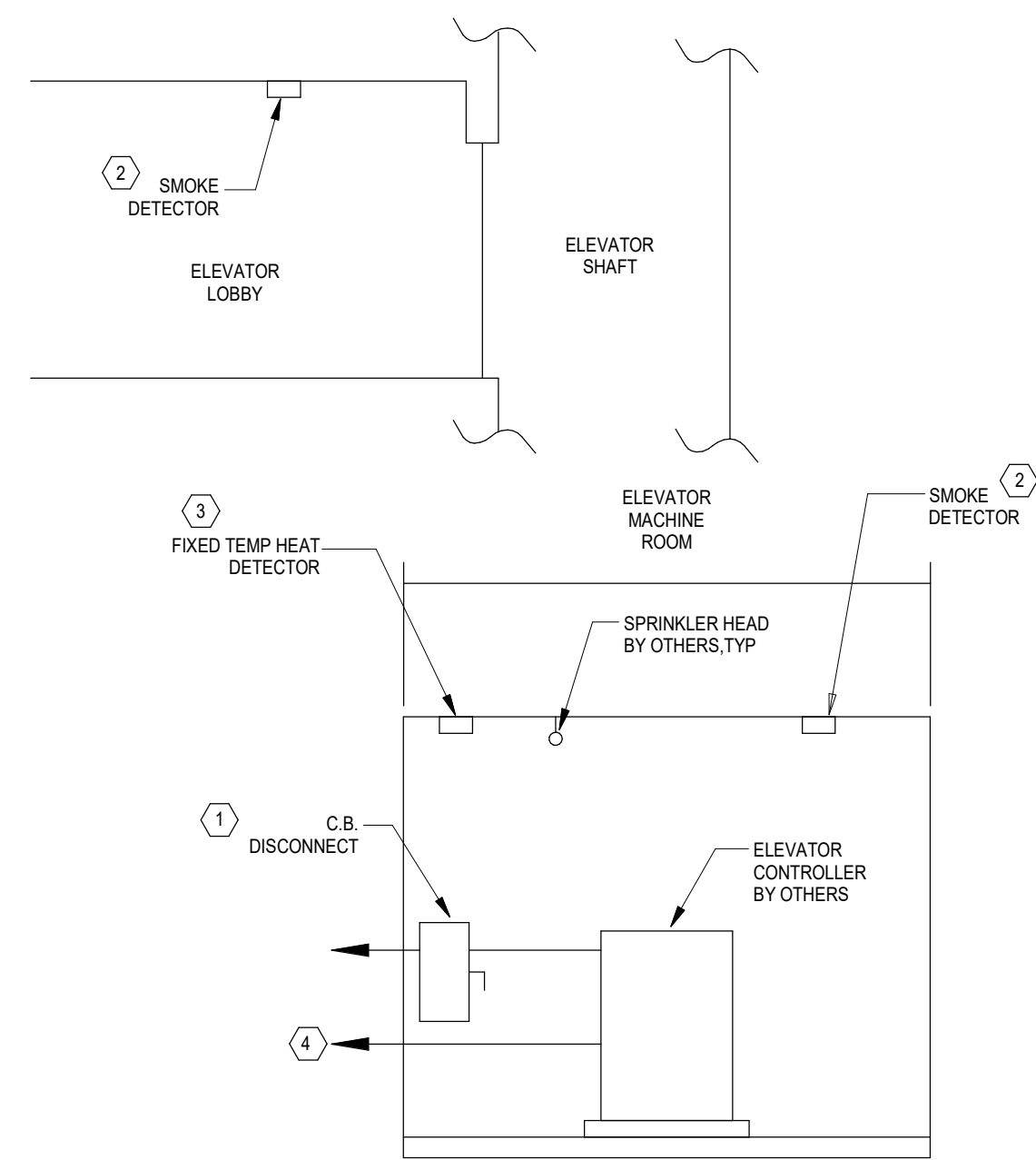


DRAWING TITLE
DETAILS

E805

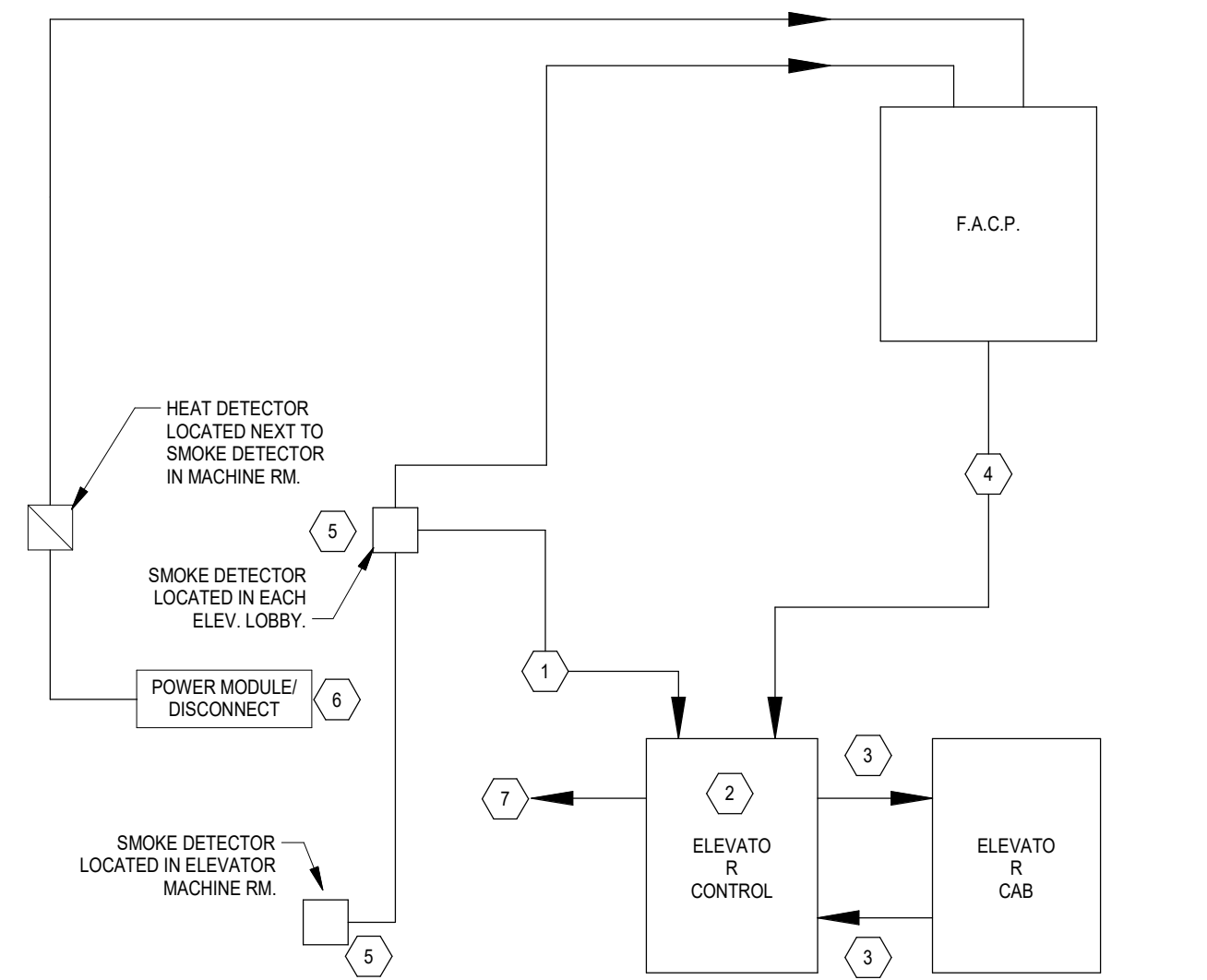


4 EXTERIOR LIGHTING CONTROL DETAIL
E805 NOT TO SCALE



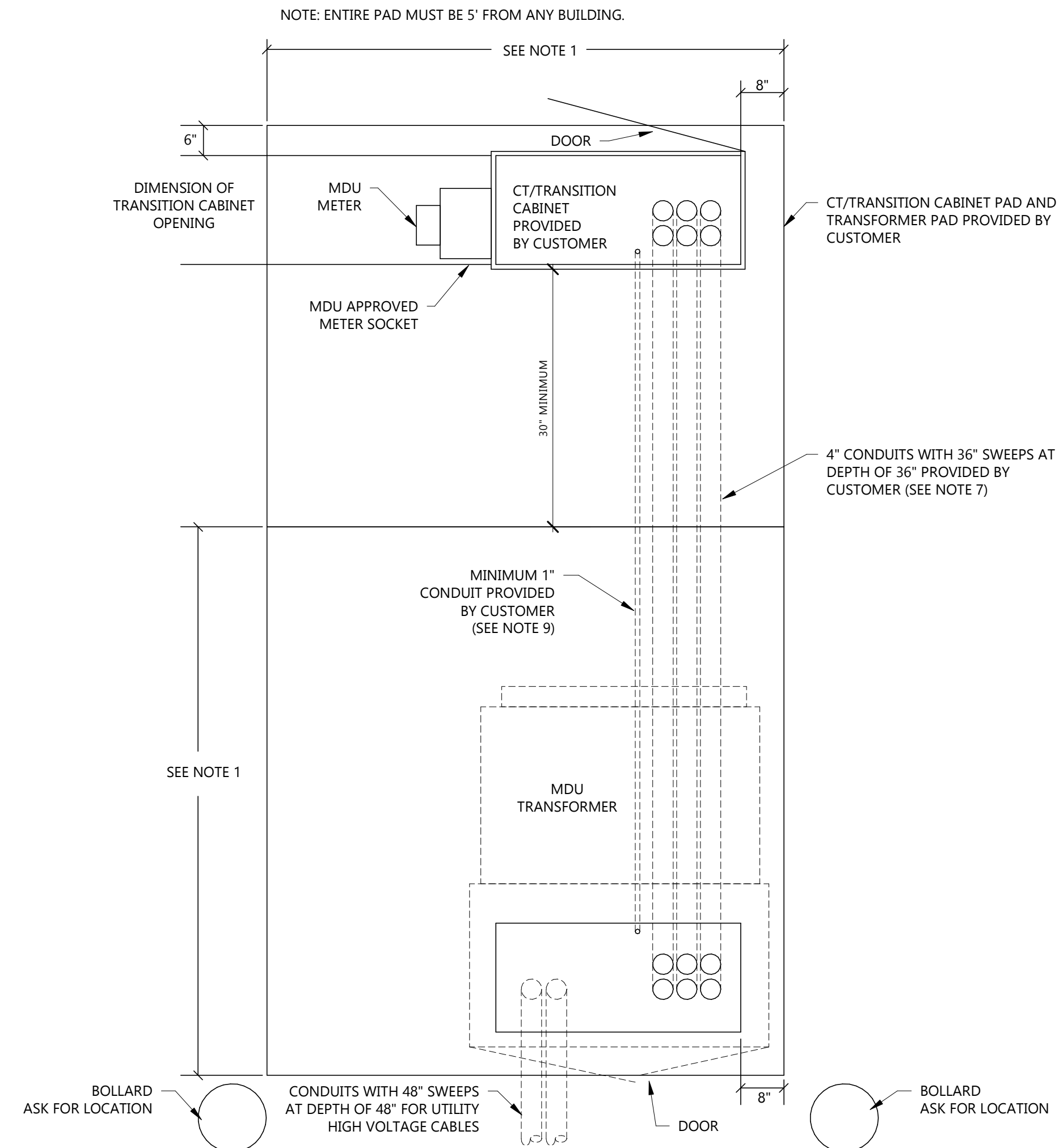
- NOTES:
- 1 CIRCUIT BREAKER WITH SHUNT TRIP, E.C. TO VERIFY CIRCUIT BREAKER FITS INSIDE SPACE AVAILABLE.
 - 2 SMOKE DETECTOR
 - 3 FIXED TEMPERATURE HEAT DETECTOR, 135 DEG F WITH NIO CONTACTS RATED @ 120 VAC, 5A. LOCATE WITHIN 1'-6" OF SPRINKLER HEAD. WIRE TO OPEN SPRINKLER SOLENOID UPON ACTIVATION.
 - 4 PROVIDE CAT6 CABLE TO TELEPHONE TERMINAL BOARD/PATCH PANEL.

3 ELEVATOR RISER DIAGRAM
E805 NOT TO SCALE



- NOTES:
- 1 INTERCONNECT SMOKE DETECTORS ON EACH FLOOR AT ELEVATOR LOBBY AND MACHINE ROOM FOR RECALL SYSTEM. PROVIDE A SMOKE DETECTOR AT EACH FLOOR AND MACHINE ROOM.
 - 2 PROVIDE (2) CONTROL MODULES AT MACHINE ROOM FOR RECEIVING SIGNAL FROM SMOKE DETECTORS. ONE SHALL RECEIVE SIGNAL FROM ALL LOBBY SMOKE DETECTORS EXCEPT MAIN FLOOR AND EQUIPMENT ROOM. THE OTHER CONTROL MODULE SHALL BE FOR MAIN LOBBY SMOKE DETECTOR ONLY.
 - 3 ELEVATOR CONTROLLER SIGNALS CAB. IF DESIGNATED FLOOR DETECTOR IS IN ALARM THEN CAB RETURNS TO ALTERNATE LEVEL AS APPROVED. IF SMOKE DETECTOR IN ALARM IN THE HOIST WAY IS AT OR BELOW THE LOWEST LANDING RECALL, THEN CAB SHALL BE SENT TO THE UPPER LEVEL OF RECALL.
 - 4 ELEVATOR CONTROL PANEL SIGNALS F.A.C.P. WHEN CAB IS RECALLED.
 - 5 SMOKE DETECTORS, UL 268 CONFORMING NON-RESETTING TYPE.
 - 6 CIRCUIT BREAKER WITH SHUNT TRIP. SIZED AS REQUIRED FOR ELEVATOR MOTOR. PROVIDE TWO NONC AUX CONTACTS FOR USE BY ELEVATOR PROVIDER.
 - 7 PROVIDE CAT6 CABLE TO TELEPHONE TERMINAL BOARD/PATCH PANEL.

2 ELEVATOR WIRING DIAGRAM
E805 NOT TO SCALE



- NOTES:
- 1 REFER TO 19-803 OR 19-804 FOR THIS DIMENSION.
 - 2 ALL OIL-FILLED PADMOUNTED TRANSFORMERS MUST BE INSTALLED SO ANY FLOW OF OIL RESULTING FROM A FAILURE OF THE TRANSFORMER WILL FLOW AWAY FROM ANY STRUCTURE. A TRANSFORMER SHOULD BE LOCATED AWAY FROM TRAFFIC AREAS OR PROTECTED WITH BOLLARDS SUCH AS CONCRETE FILLED PIPES OR STEEL BUMPER POSTS, PROVIDED BY THE CUSTOMER.
 - 3 WHEN LOCATING PAD, CONSIDER OVERHEAD CLEARANCE FOR POSSIBLE TRANSFORMER REPLACEMENT.
 - 4 COMPACT SOIL TO AVOID TILTING AND SETTLING. COLUMNS REQUIRED EXCEPT ON UNDISTURBED SOIL.
 - 5 TRANSITION CABINET MUST BE SECURELY FASTENED TO THE CONCRETE.
 - 7 CUSTOMER WILL SUPPLY CONDUITS THAT ARE 4" IN SIZE AND WILL CONSULT WITH COMPANY ON THE NUMBER OF CONDUITS REQUIRED.
 - 8 TRANSITION CABINET SHALL BE APPROVED BY UTILITY METER DEPT. PRIOR TO INSTALLATION.
 - 9 GROUNDING CONDUCTOR REQUIRED IF TRANSITION CABINET IS WITHIN 6' OF UTILITIES TRANSFORMER. CUSTOMER MUST BOND EQUIPMENT TO UTILITY INSTALLED GROUND ROD. GROUNDING CONDUCTOR WILL BE #4 CU; NEC 250.66A.

1 TRANSFORMER/CT CABINET DETAIL (MDU)
E805 NOT TO SCALE

