

**ADDENDUM NO. 06**

Issued: 10/31/2023

Project: 23018 - Discovery Middle School, 800 Midjay Drive, Liberty, Missouri 64068  
23019 - South Valley Middle School, 1000 Midjay Drive, Liberty, Missouri 64068  
23020 - EPiC Elementary School, 650 Conister Street, Liberty, Missouri 64068

Owner: Liberty Public Schools  
8 Victory Lane  
Liberty, MO 64068

Bidding Documents Issued: 08.31.2023

This Addendum includes these 1 pages and the following attachments:

Supplemental Information:

Refer to Newkirk Novak Construction Partners Description Narrative.

Drawings:

Revised Architectural Sheets for DMS/SVMS: G102 and A332.

**DISCOVERY MIDDLE SCHOOL DRAWINGS REVISIONS**

**A1 SHEET G102- ENLARGED CODE PLAN - STORM SHELTER PLAN**

A1.1 REPLACE Sheet G102, with attached Sheet G102, dated 10/31/2023. ADDED clarification to intumescent paint for pricing.

**A2 SHEET A101A- FLOOR PLAN - LEVEL 1 - AREA A**

A2.1 REVISED keynote 09 96 46.A01-Intumescent Paint locations to reflect locations in Plan A1 on Sheet G102.

**A3 SHEET A332- WALL SECTIONS - CONNECTION**

A3.1 REPLACE Sheet A332 with attached Sheet A332, Dated 10/31/2023. ADDED clarification to intumescent paint for pricing.

**SOUTH VALLEY MIDDLE SCHOOL DRAWINGS REVISIONS**

**A4 SHEET G102- ENLARGED CODE PLAN - STORM SHELTER PLAN**

A4.1 REPLACE Sheet G102, with attached Sheet G102, dated 10/31/2023. ADDED clarification to intumescent paint for pricing.

**A5 SHEET A101A- FLOOR PLAN - LEVEL 1 - AREA A**

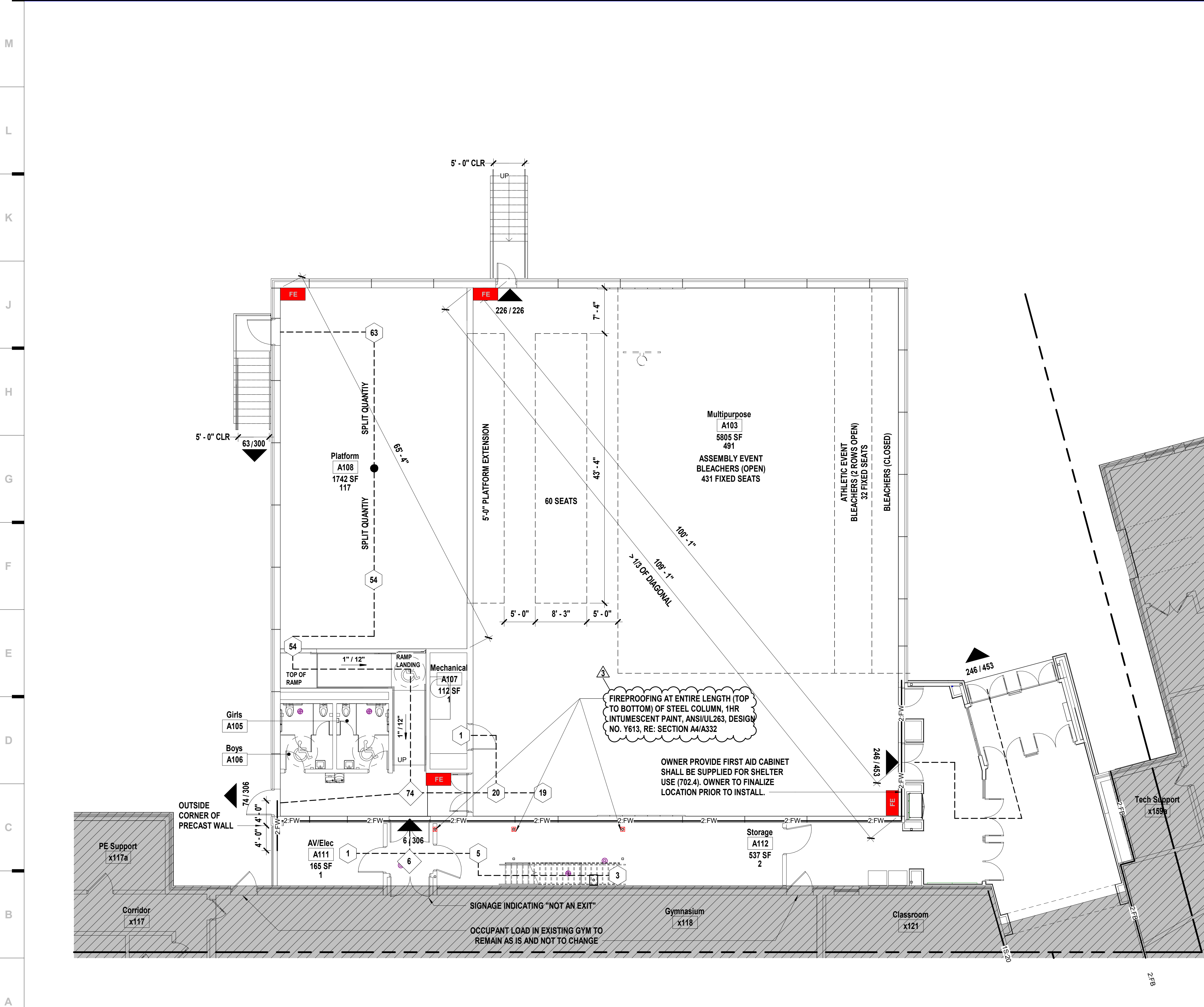
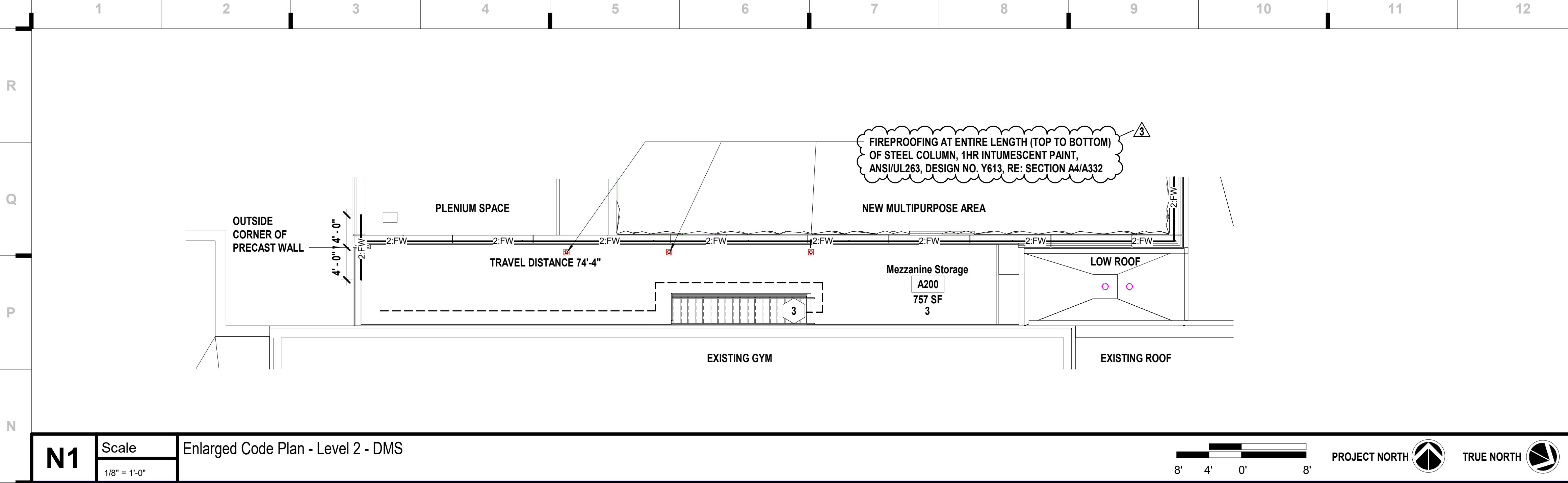
A5.1 REVISED keynote 09 96 46.A01-Intumescent Paint locations to reflect locations in Plan A1 on Sheet G102.

**A6 SHEET A332- WALL SECTIONS - MULTIPURPOSE & CONNECTION**

A6.1 REPLACE Sheet A332 with attached Sheet A332, Dated 10/31/2023. ADDED clarification to intumescent paint for pricing.

**END OF ADDENDUM NO. 06**





### STORM SHELTER OCCUPANT LOAD

USABLE SPACES WITHIN SHELTER:  
GROSS AREA OF USABLE SPACES: 8938 SF  
USABLE FLOOR AREA OF SHELTER: 8488 SF  
USABLE SPACE IS BASED UPON ACTUAL NET AREA PER 501.1.2.2  
STANDING OR SEATED OCCUPANTS: 1758  
WHEELCHAIR SPACES: 9  
TOTAL OCCUPANCY OF SHELTER: 1767

### VENTILATION AREA

TOTAL OCCUPANCY OF SHELTER: 1767  
VENTING AREA PER OCCUPANT: 6 SQ IN (TABLE 702.1.1)  
MINIMUM VENTING AREA REQUIRED: 10602 SQ IN

### REQUIRED SANITATION FACILITIES

TOILET FACILITIES: REQUIRED: 4 PROVIDED: 4  
HANDWASHING FACILITIES: REQUIRED: 2 PROVIDED: 2

### GYMNASIUM OCCUPANT LOAD

ASSEMBLY			
ASSEMBLY EVENT			
BLEACHERS	FIXED' at 18"/occ	431	
TEMPORARY SEATING	420 sf at 7 sf/occ	60	
TEMPORARY STAGE	0 sf at 15 sf/occ	0	
TOTAL ASSEMBLY OCCUPANTS:		491	
ATHLETIC EVENT			
BLEACHERS	FIXED' at 18"/occ	60	
GYM FLOOR	3205 sf at 50sf/occ	65	
TOTAL ATHLETIC OCCUPANTS:		125	

### CODE LEGEND

1:20 1:20 1:20 1:20 1:20  
1 HOUR FIRE PARTITION W/ 20 MIN DOORS  
1:45 1:45 1:45 1:45 1:45  
1 HOUR FIRE BARRIER W/ 45 MIN. DOORS  
2:FB 2:FB 2:FB 2:FB 2:FB  
2 HOUR FIRE BARRIER W/ 90 MIN DOORS  
2:FW 2:FW 2:FW 2:FW 2:FW  
2 HOUR FIRE WALL W/ 90 MIN DOORS  
1S:20 1S:20 1S:20 1S:20  
EXISTING CONDITION

NEW ADDITION - HIGH WIND AREA  
SPRINKLERED  
NEW ADDITION  
SPRINKLERED  
EXISTING BUILDING - NO WORK  
SPRINKLERED  
EXISTING BUILDING - ALTERATION LEVEL 1  
ALTERATIONS DO NOT INVOLVE SPACE  
RECONFIGURATION  
FRONTAGE AREA  
FIRE HYDRANT  
FIRE DEPARTMENT CONNECTION  
FIRE ALARM CONTROL PANEL  
FIRE DEPARTMENT ACCESS (KNOX BOX)  
FIRE EXTINGUISHER:  
ON BRACKET: MOUNT HANDLE 48" MAX AFF  
IN CABINET: BOTTOM OF CABINET 32" AFF  
EXIT COMPONENT  
CAPACITY  
ACTUAL OCCUPANT LOAD  
OCCUPANT COUNT @ ROOM EXIT  
OCCUPANT SUM  
TRAVEL DISTANCE

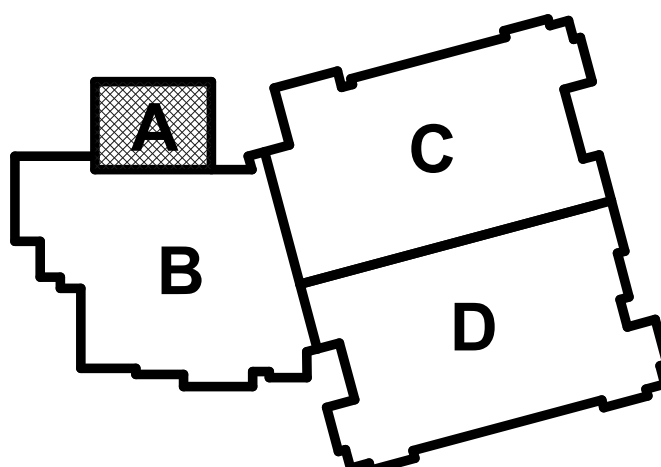
### Code BLDG 1 Occupant Load Table

Rm No	Room Name	Function of Space	Area (SF)	Occupant Load Factor	Space Occupancy Load
A103	Multipurpose	Assembly With Fixed Seats	5805 SF	0 SF	491
A107	Mechanical	Accessory Storage Areas, Mechanical Equipment Room	112 SF	300 SF	1
A108	Platform	Stages and Platforms	1742 SF	15 SF	117
Total Building Occupant Load			7659 SF		609

### Code BLDG 2 Occupant Load Table

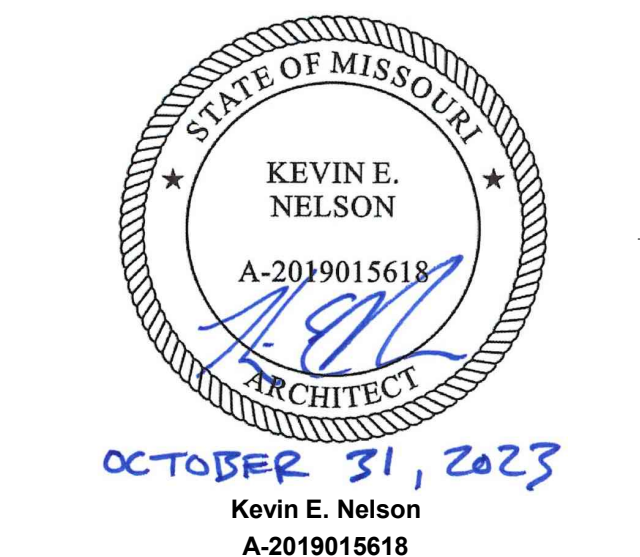
Rm No	Room Name	Function of Space	Area (SF)	Occupant Load Factor	Space Occupant Load
A111	AV/Elec	Accessory Storage Areas, Mechanical Equipment Room	165 SF	300 SF	1
A112	Storage	Accessory Storage Areas, Mechanical Equipment Room	537 SF	300 SF	2
Level 1					3
A200	Mezzanine Storage	Accessory Storage Areas, Mechanical Equipment Room	757 SF	300 SF	3
Level 2					3
Total Building Occupant Load					6

### KEY PLAN



Discovery Middle School Storm Shelter Addition  
Liberty Public Schools  
800 Midjay Dr, Liberty, MO 64068

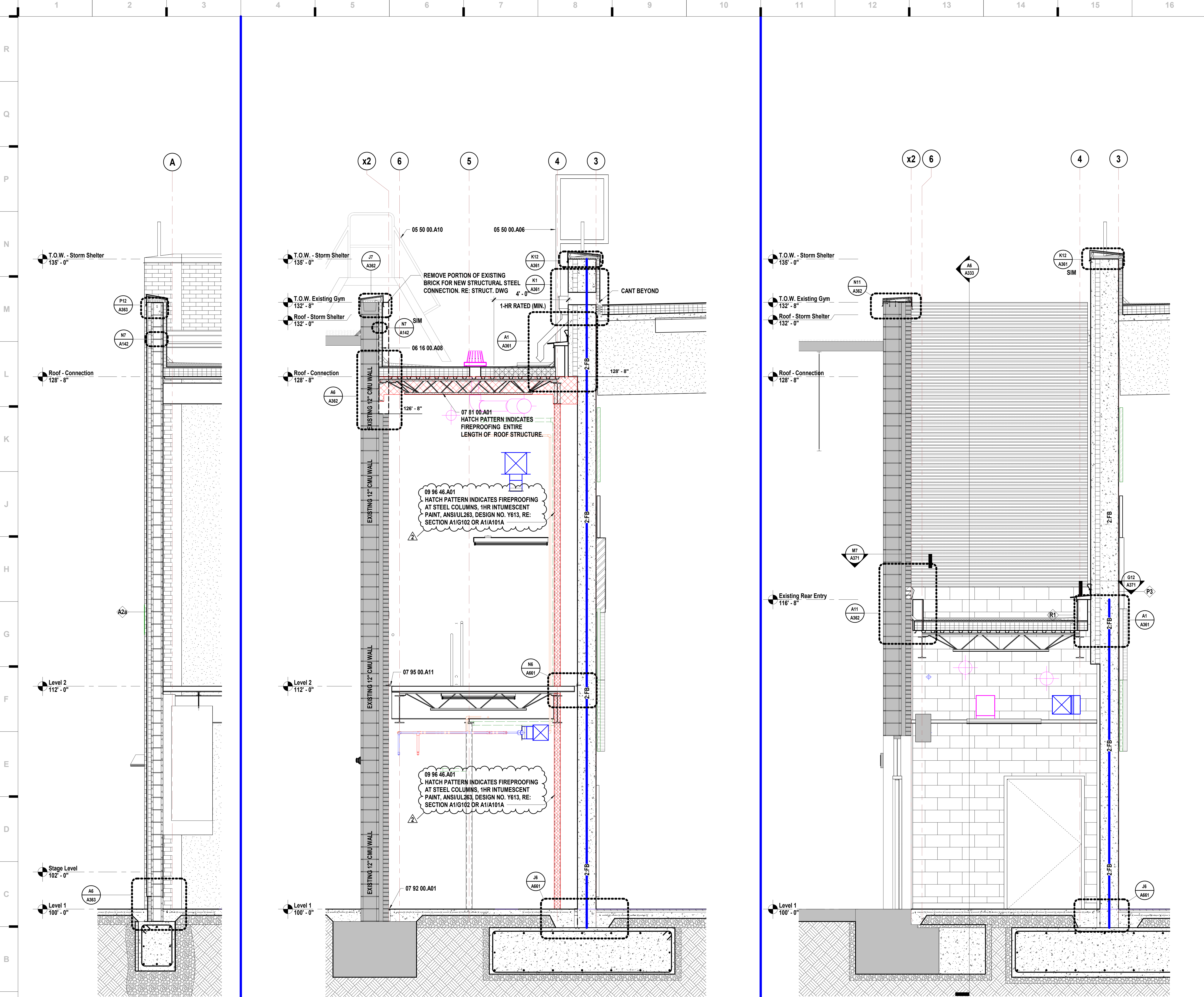
#	Description	Date
1	Addendum 01	08/14/2023
2	Addendum 02	10/06/2023
3	Addendum 03	10/01/2023



JOB NO: 23018  
DRAWN BY: KL  
CHECKED BY: JB  
DATE: 10.11.2023

G102





### SHEET KEYNOTE LEGEND

05 50 00.A06	METAL LADDER
05 50 00.A10	SHIP'S LADDER WITH PLATFORM RETURN
06 16 00.A08	COMPOSITE INSULATED ROOF SHEATHING
07 81 00.A01	FIREPROOFING
07 92 00.A01	SEALANT
07 95 00.A11	CEILING-TO-WALL JOINT SYSTEM
09 96 46.A01	INTUMESCENT PAINT

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Missouri State Certificate of Authority  
Architecture # 0000161  
Structure # 200601133

**Bob D Campbell**  
Structural Engineer  
State Certificate of Authority #000442  
4338 Bellevue Ave  
Kansas City, MO 64111  
816.531.4144 phone

**Smith & Boucher, Inc.**  
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Olathe, KS 66061  
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Landscaping #2006027139  
Surveying #2006027138  
11827 W 112th Street, Suite 200  
Overland Park, KS 66210  
913.317.9390 phone

**Peerbolte Creative**  
Theatrical Consultant  
109 E Pine St.  
Warrensburg, MO 64093-0752  
660.429.1383 phone

**Avant Acoustics**  
AV/Acoustics Consultant  
14827 West 95th St.  
Lenexa, KS 66215  
913.888.9111 phone

**Discovery Middle School Storm Shelter Addition**  
Liberty Public Schools  
800 Midjay Dr, Liberty, MO 64068

**CONFORMED CONSTRUCTION DOCUMENTS**

**REVISIONS:**

#	Description	Date
1	Addendum 55	10/06/2023
2	Addendum 56	10/31/2023

**STATE OF MISSOURI**  
KEVIN E. NELSON  
A-2019015618  
ARCHITECT  
OCTOBER 31, 2023  
Kevin E. Nelson  
A-2019015618

The Professional Architect seal and stamp is the official seal of the architect and shall be used on all drawings and documents prepared by the architect and shall not be used on any other drawings or documents prepared by others.

JOB NO: 23018  
DRAWN BY: KL  
CHECKED BY: JB  
DATE: 10.11.2023

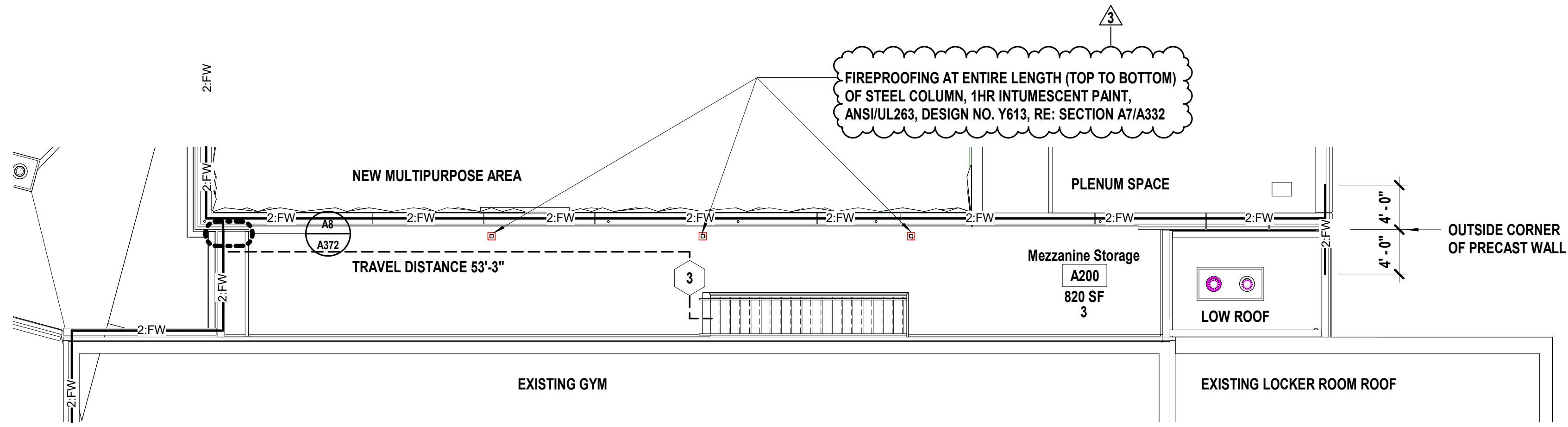
# A332

**A1** Scale Wall Section - Area A - Connection - Plan West Wall

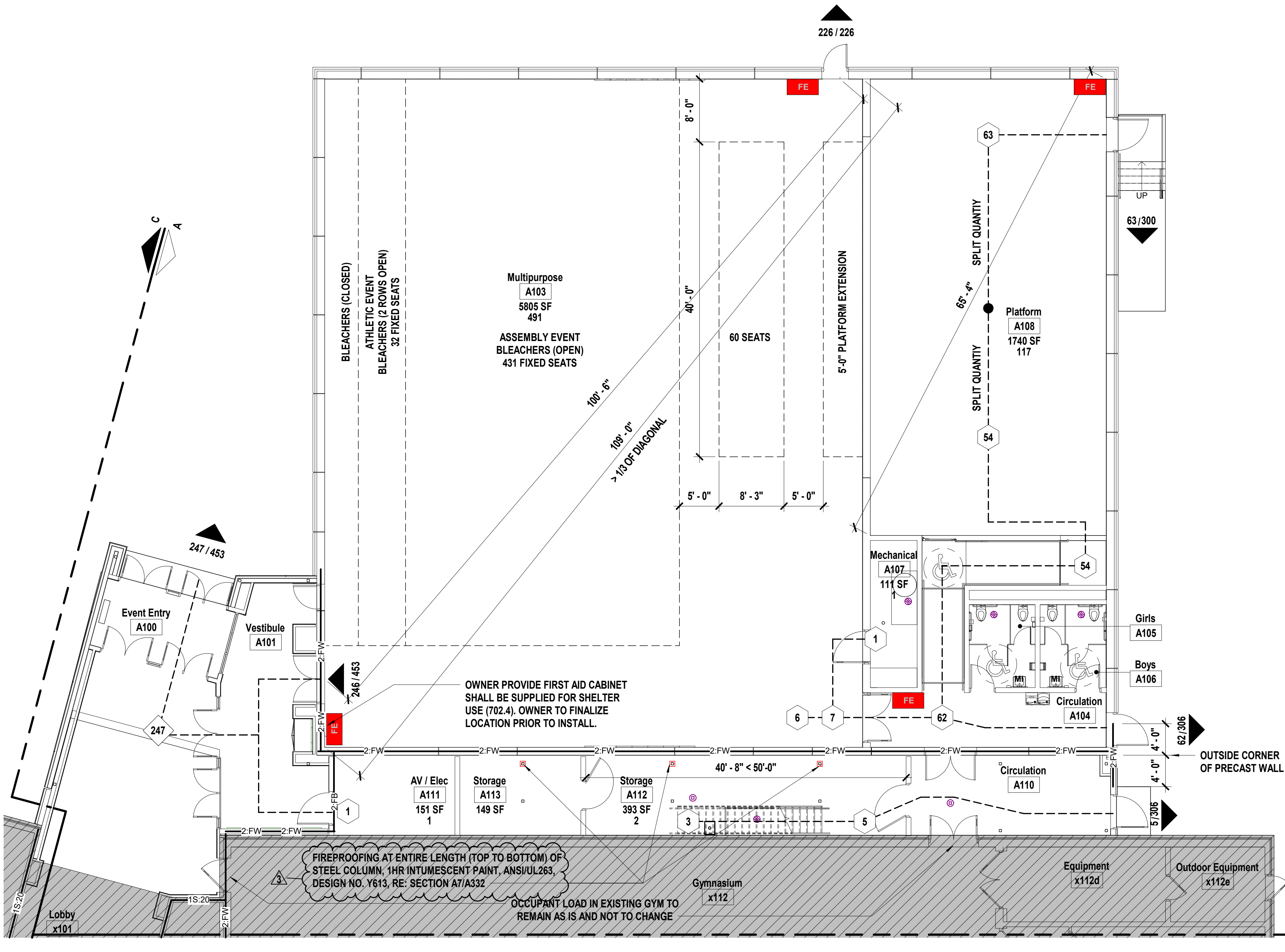
**A4** Scale Wall Section - Area A - Connection/Existing - Plan South Wall

**A11** Scale Wall Section - Area A - Lobby/Existing - Plan South Wall





N1 Scale Enlarged Code Plan - Level 2 - SVMS



A1 Scale Enlarged Code Plan - Level 1 - SVMS



STORM SHELTER OCCUPANT LOAD

USABLE SPACES WITHIN SHELTER:  
GROSS AREA OF USABLE SPACES: 9403 SF  
USABLE FLOOR AREA OF SHELTER: 8830 SF  
USABLE SPACE IS BASED UPON ACTUAL NET AREA PER 501.1.2.2  
STANDING OR SEATED OCCUPANTS: 1766  
WHEELCHAIR SPACES: 9  
TOTAL OCCUPANCY OF SHELTER: 1775

VENTILATION AREA

TOTAL OCCUPANCY OF SHELTER: 1775  
VENTING AREA PER OCCUPANT: 6 SQ IN (TABLE 702.1.1)  
MINIMUM VENTING AREA REQUIRED: 10650 SQ IN

REQUIRED SANITATION FACILITIES

TOILET FACILITIES: REQUIRED: 4 PROVIDED: 4  
HANDWASHING FACILITIES: REQUIRED: 2 PROVIDED: 2

GYMNASIUM OCCUPANT LOAD

ASSEMBLY			
ASSEMBLY EVENT			
BLEACHERS	FIXED' at 18"/occ	431	
TEMPORARY SEATING	420 sf at 7 sf/occ	60	
TEMPORARY STAGE	0 sf at 15 sf/occ	0	
TOTAL ASSEMBLY OCCUPANTS:		491	
ATHLETIC EVENT			
BLEACHERS	FIXED' at 18"/occ	60	
GYM FLOOR	3205 sf at 50 sf/occ	65	
TOTAL ATHLETIC OCCUPANTS:		125	

CODE LEGEND

1:20 1:20 1:20 1:20 1:20  
1 HOUR FIRE PARTITION W/ 20 MIN DOORS  
1:45 1:45 1:45 1:45 1:45  
1 HOUR FIRE BARRIER W/ 45 MIN. DOORS  
2:FB 2:FB 2:FB 2:FB 2:FB  
2 HOUR FIRE BARRIER W/ 90 MIN DOORS  
2:FW 2:FW 2:FW 2:FW 2:FW  
2 HOUR FIRE WALL W/ 90 MIN DOORS

1S:20 1S:20 1S:20 1S:20 1S:20  
EXISTING CONDITION

HIGH WIND AREA

NEW ADDITION

EXISTING BUILDING - NO WORK

EXISTING BUILDING - ALTERATION LEVEL 1  
ALTERATIONS DO NOT INVOLVE SPACE RECONFIGURATION

FRONTAGE AREA

FH FIRE HYDRANT  
FDC FIRE DEPARTMENT CONNECTION  
FACP FIRE ALARM CONTROL PANEL  
FDA FIRE DEPARTMENT ACCESS (KNOX BOX)  
FE FIRE EXTINGUISHER:  
ON BRACKET: MOUNT HANDLE 48" MAX AFF  
IN CABINET: BOTTOM OF CABINET 32" AFF

EXIT COMPONENT

CAPACITY  
ACTUAL OCCUPANT LOAD  
OCCUPANT COUNT @ ROOM EXIT

OCCUPANT SUM

TRAVEL DISTANCE

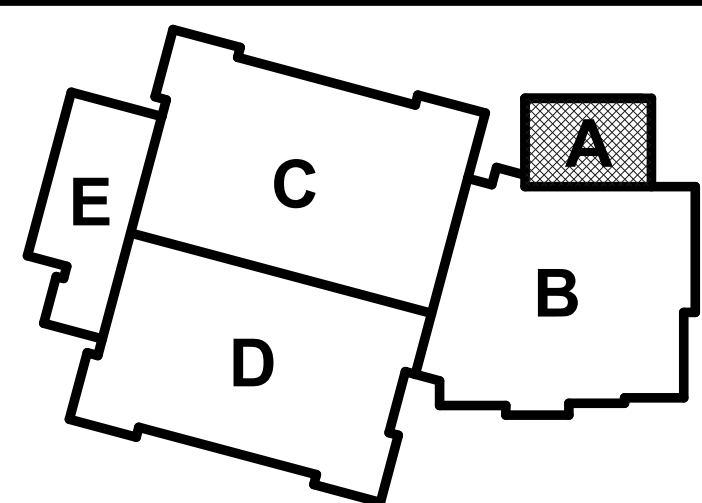
Code BLDG 1 Occupant Load Table

Rm No	Room Name	Function of Space	Area (SF)	Occupant Load Factor	Space Occupant Load
A103	Multipurpose	Assembly With Fixed Seats	5805 SF	0 SF	491
A107	Mechanical	Accessory Storage Areas, Mechanical Equipment Room	111 SF	300 SF	1
A108	Platform	Stages and Platforms	1740 SF	15 SF	117
Level 1					609
					609

Code BLDG 2 Occupant Load Table

Rm No	Room Name	Function of Space	Area (SF)	Occupant Load Factor	Space Occupant Load
A111	AV / Elec	Accessory Storage Areas, Mechanical Equipment Room	151 SF	300 SF	1
A112	Storage	Accessory Storage Areas, Mechanical Equipment Room	393 SF	300 SF	2
Level 1					3
A200	Mezzanine Storage	Accessory Storage Areas, Mechanical Equipment Room	820 SF	300 SF	3
Level 2					3
Total Building Occupant Load					6

KEY PLAN



ENLARGED CODE PLAN - STORM SHELTER PLAN

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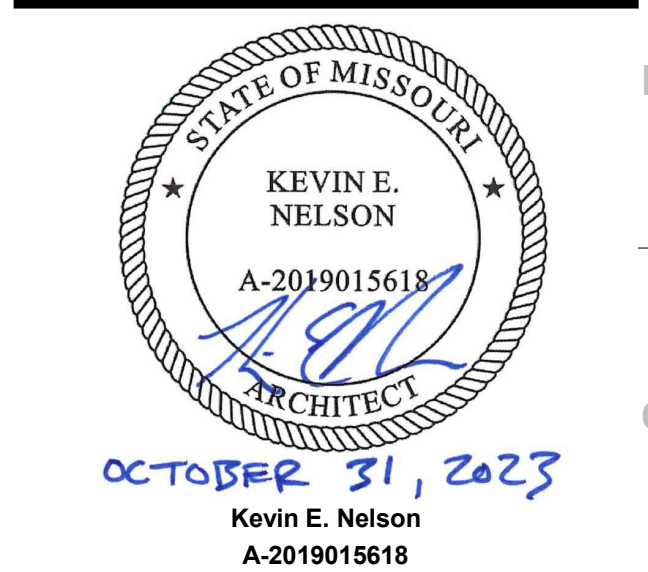
MKEC Engineering, Inc.  
Civil Engineer  
State Certificate of Authority  
Engineering #2001009364  
Landscaping #2006027139  
Surveying #2006027138  
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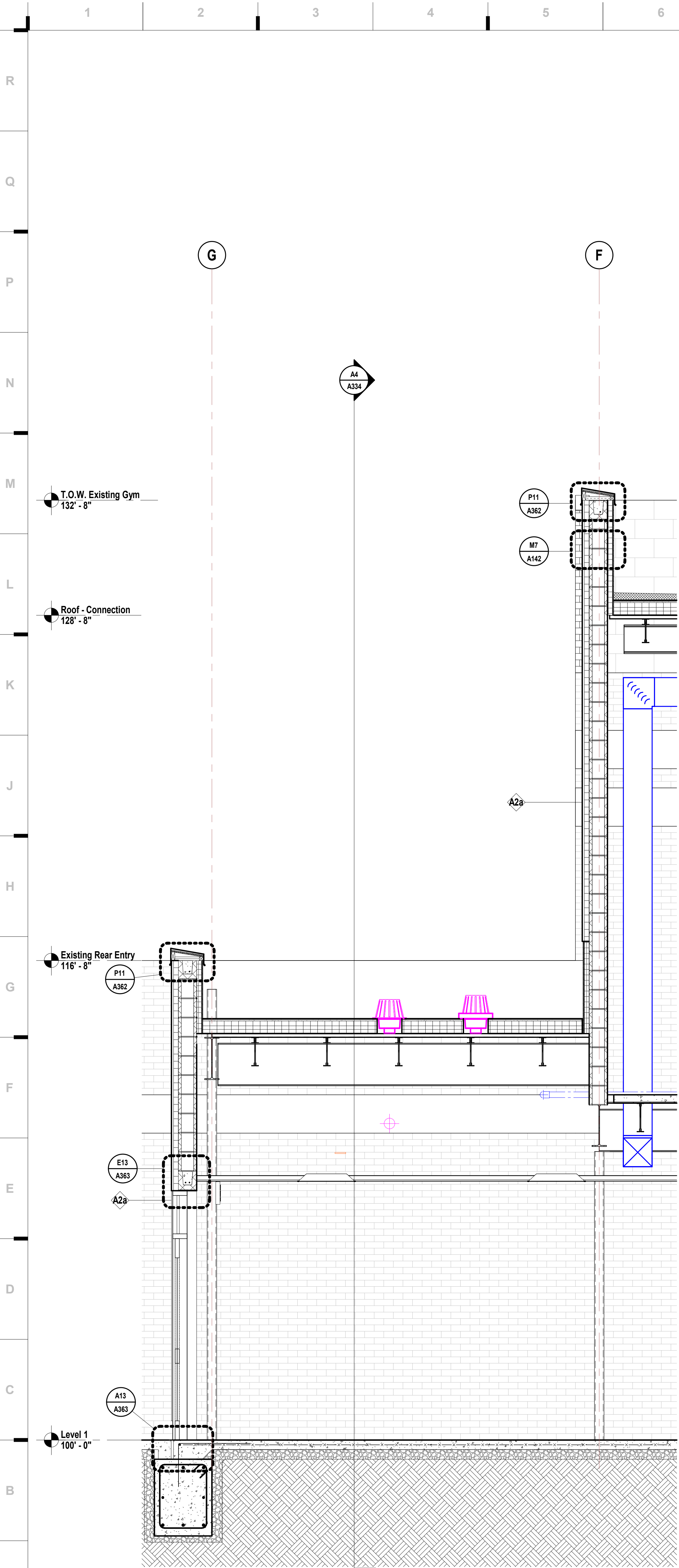
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2	Addendum 02	10.06.2023
3	Addendum 03	10.21.2023



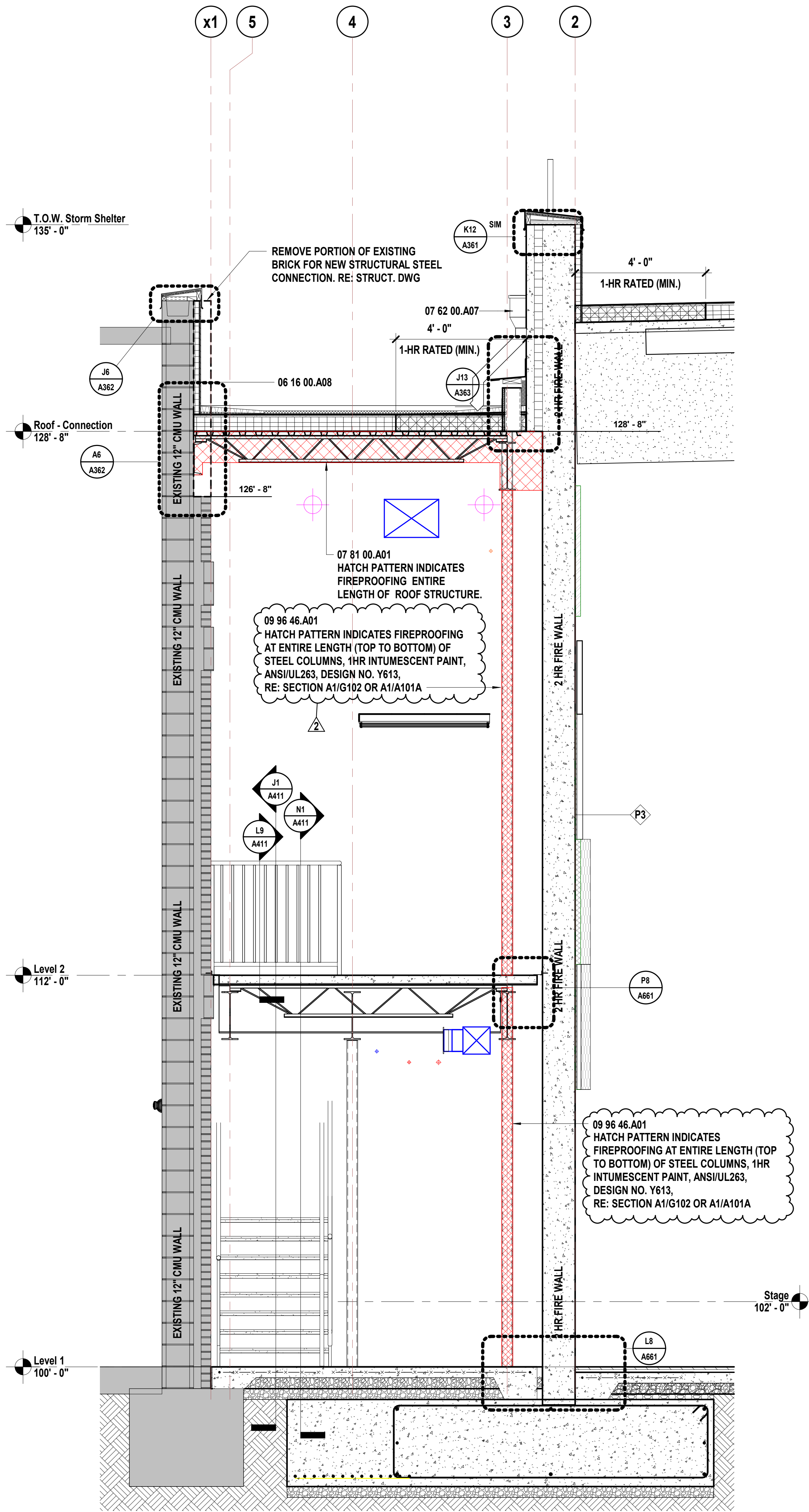
JOB NO: 23019  
DRAWN BY: KL  
CHECKED BY: JB  
DATE: 08.31.2023

G102

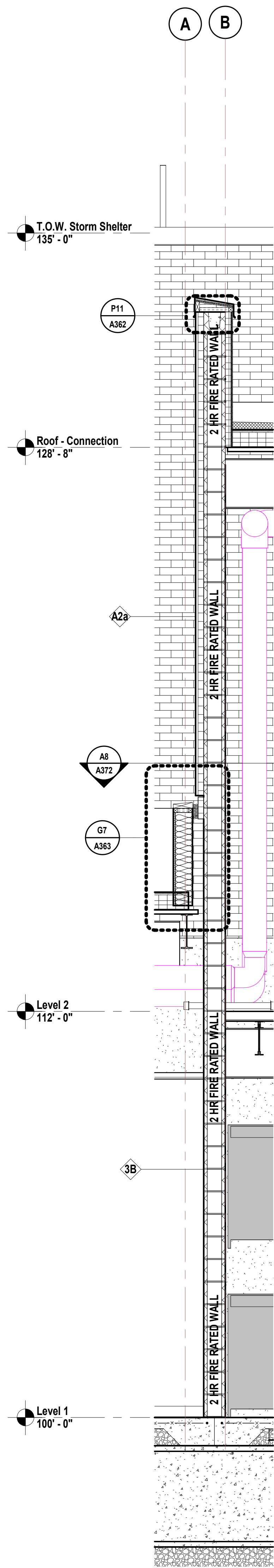




**A1** Scale 1/2" = 1'-0" Wall Section - Area A - Connection - E



**A7** Scale 1/2" = 1'-0" Wall Section - Area A - Connection/Existing - S Wall



**A14** Scale 1/2" = 1'-0" Wall Section - Area A - Connection/Vestibule - Plan West Wall

**SHEET KEYNOTE LEGEND**

06 16 00.A08	COMPOSITE INSULATED ROOF SHEATHING
07 62 00.A07	DOWNSPOUTS
07 81 00.A01	FIREPROOFING
09 96 46.A01	INTUMESCENT PAINT

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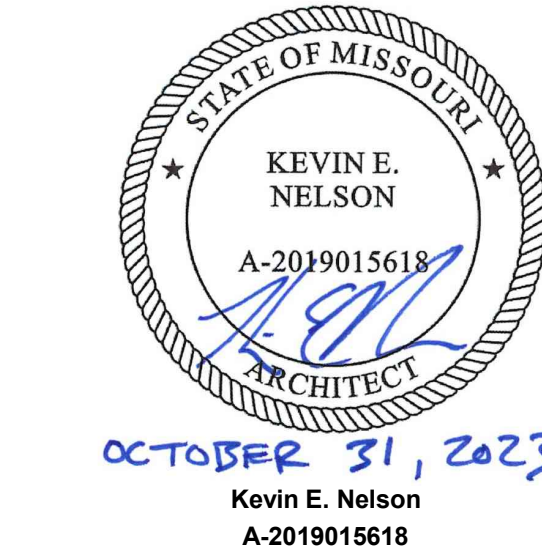
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REVISIONS:		
#	Description	Date
1	Addendum 05	10.06.2023
2	Addendum 06	10.31.2023



JOB NO: 23019  
DRAWN BY: KL  
CHECKED BY: JB  
DATE: 08.31.2023

**A332**