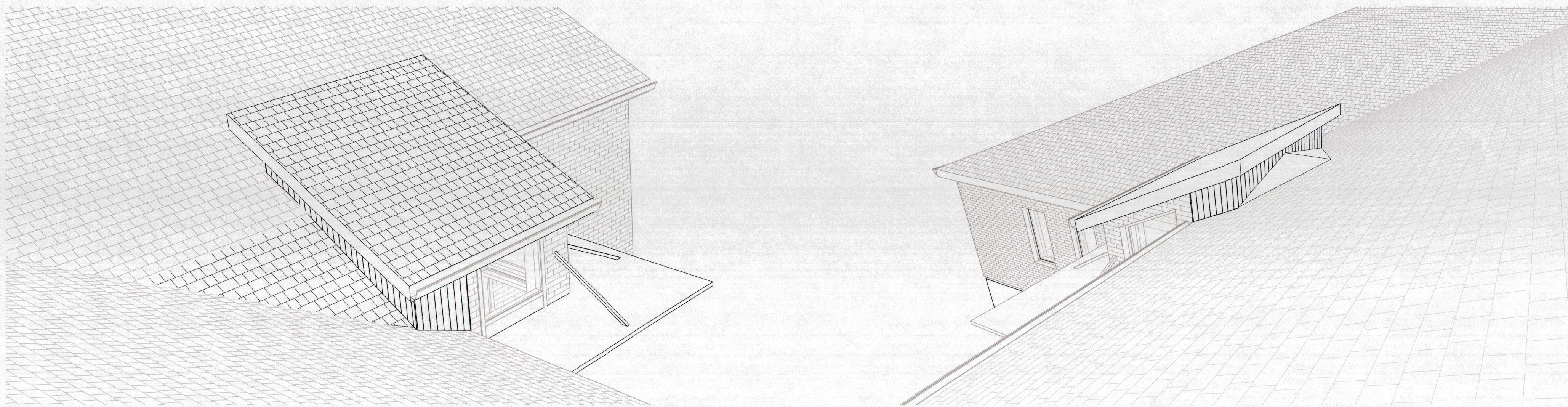


DPS P08 WATER INFILTRATION MITIGATION

IOWA DAS MASON CITY, IOWA

DAS PROJECT NUMBER - 9388.00
RFB # 938800-02

PROJECT ADDRESS: 4425 S Washington AVE. Mason City, IOWA



PROFESSIONAL SEALS

ARCHITECT	I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly Licensed Architect under the laws of the State of
	Signature: <u>Brian N. Crichton</u> Date: <u>2/12/25</u>
	Printed or typed name: <u>Brian N. Crichton</u>
	License Number: <u>5295</u>
	My license renewal date is <u>06/30/26</u>
	Pages or sheets covered by this seal: <input type="radio"/> All "T" and A Sheets

SHEET INDEX

GENERAL		ARCHITECTURAL	
T.01	TITLE	A2.00	ROOF DEMO PLANS
		A2.01	DEMO FLOOR PLAN & ATTIC DEMO PLAN
		A2.02	ROOF PLAN
		A2.03	FLOOR PLANS
		A4.00	BUILDING SECTIONS

GRAPHIC SYMBOLS

SITE SPOT ELEVATION NEW FINISH SPOT GRADE NEW AND EXISTING FINISH SPOT GRADE TOP OF CURB BOT. OF CURB N 1107.25 E 1104.88 TC 1107.25 BC 1104.88	NEW / EXISTING WALL CONSTRUCTION NEW EXISTING (SCREENED) NEW EXISTING (SCREENED)	COLUMN GRID LINE NEW EXISTING A A 1 1
EXISTING CONTOUR LINE 103	ROOM NAME AND NUMBER ROOM NAME 101 120 SF ROOM NUMBER ROOM SQUARE FOOTAGE	BUILDING SECTION / WALL SECTION SECTION DIRECTION DETAIL NUMBER SHEET NUMBER A101
NEW CONTOUR LINE 103	DOOR NUMBER 5 DIGIT - 999A 4 DIGIT - 999A ROOM NUMBER ALPHABET CHARACTERS USED TO DISTINGUISH BETWEEN MULTIPLE DOORS THAT ARE ASSOCIATED WITH PARTICULAR ROOMS	DETAILS DETAIL NUMBER SHEET NUMBER A101
APPROX. TEST BORING LOCATION B-3	WINDOW TYPE XX 8'-0"	EXTERIOR ELEVATION ELEVATION DIRECTION ELEVATION NUMBER SHEET NUMBER A1.01
PROPERTY LINE	KEY NOTES INDICATES A NOTE FOR A SPECIFIC ITEM ALL KEY NOTES ARE COMPILED UNDER THE TITLE BAR "KEY NOTES"	INTERIOR ELEVATION ELEVATION DIRECTION ELEVATION NUMBER SHEET NUMBER A1.01
CENTER LINES/ PROJECTED LINES	REVISION MARKER A TOILET ACCESSORIES TAG WT	
MATCH LINE	WALL TAG 6 ASSEMBLY TYPE TAG	
LEVEL LINE MAIN FLOOR ELEV. 110'-0"		
ROOM FINISH TAG ROOM NAME 0000 ROOM NUMBER W WALLS ROOM WALL FINISH B BASE ROOM WALL BASE FINISH F FLOOR ROOM FLOOR FINISH K NOTE ROOM KEYNOTES		

MATERIAL INDICATIONS

EARTH	WOOD STUDS	GRAVEL / SAND FILL	FINISHED WOOD	METAL (LARGE SCALE)
METAL STUDS	PLYWOOD	CONCRETE	RIGID INSULATION	WOOD BLOCKING
METAL SECTION	INSULATION (BLANKET OR BATT)	BRICK	SEALANT	EXISTING CONSTRUCTION
CMU (STD. WT.)	GLASS FIBER REINFORCED GYPSUM BOARD	STONE	GYPSUM BOARD	ACOUSTICAL CEILING

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR	JST	JOIST
ACT	ACOUSTICAL CEILING TILE	JT	JOINT
ALT	ALTERNATE	KIT	KITCHEN
ALUM	ALUMINUM	LAV	LAVATORY
APPROX.	APPROXIMATE	MAX	MAXIMUM
ARCH	ARCHITECT (URAL)	MB	MARKER BOARD
BO	BOARD	MDF	MEDIUM DENSITY FIBERBOARD
BG	BUMPER GUARD	MECH	MECHANICAL
B.O.	BOTTOM OF	MFR	MANUFACTURER
BRG	BEARING	MIN	MINIMUM
CC	CUBICLE CURTAIN	MISC.	MISCELLANEOUS
CFCI	CONTRACTOR FURNISHED-CONTRACTOR	MTL	METAL
CG	CORNER GUARD	NIC	NOT IN CONTRACT
CJ	CONTROL JOINT	NCM	NOMINAL
CL	CENTERLINE	NTS	NOT TO SCALE
CLG	CEILING	OC	ON CENTER
CMU	CONCRETE MASONRY UNIT	OFCI	OWNER FURNISHED-OWNER INSTALLED
COL	COLUMN	OFI	OWNER FURNISHED-CONTRACTOR
CONC.	CONCRETE	ORD	OVERFLOW ROOF DRAIN
CONST.	CONSTRUCTION	PL	PLASTIC LAMINATE
CONT	CONTINUOUS	PNL	PANEL
CORR.	CORRIDOR	PT	PANT
CPT.	CARPET	R / RAD.	RADIUS
CR	CHAIR RAIL	RAF	RAISED ACCESS FLOOR
CT	CERAMIC TILE	RD	ROOF DRAIN
DIA.	DIAMETER	REF	REFERENCE, REFER TO
DNM	DIMENSION	REFR	REFRIGERATOR
DN	DOWN	REIN.	REINFORCE (I) (ING)
DS	DOWNSPOUT	REQ.	REQUIRED
DTL	DETAIL	REV.	REVISION (S), REVISED
DWG.	DRAWING	RF	RESILIENT FLOORING
EA	EACH	RM	ROOM
EG	END GUARD	RO	ROUGH OPENING
EJ	EXPANSION JOINT	RP	RESIN PANEL
ELEC.	ELECTRICAL	RTU	ROOF TOP UNIT
ELEV.	ELEVATOR	SAB	SOUND ATTENUATING FIBERGLASS BATTS
EPT	EPOXY PAINT	SCHED.	SCHEDULE
EQ.	EQUAL	SF	SQUARE FEET
EQUIP.	EQUIPMENT	SIM.	SIMILAR
EW	EACH WAY	SPEC	SPECIFICATION
EXIST.	EXISTING	SS	SOLID SURFACE
EXP.	EXPOSED	STD.	STANDARD
EXT.	EXTERIOR	STL	STEEL
FAF	FLUID APPLIED FLOORING	SSTL	STAINLESS STEEL
FD	FLOOR DRAIN	STOR	STORAGE
FE	FIRE EXTINGUISHER	STRUCT.	STRUCTURAL
FEC	FIRE EXTINGUISHER CABINET	SUSP.	SUSPENDED
FIN	FINISH (ED)	TB	TACK BOARD
FLR	FLOOR	TERR.	TERRAZZO
FND	FOUNDATION	T.O.	TOP OF
FRP	FIBERGLASS REINFORCED PANEL	T.O.B.	TOP OF BEAM
FTG	FOOTING	T.O.C.	TOP OF CONCRETE
FV	FIELD VERIFY	T.O.F.	TOP OF FOOTING
GA	GAUGE	T.O.W.	TOP OF WALL
GALV.	GALVANIZED	TYP.	TYPICAL
GC	GENERAL CONTRACTOR	VAR.	VARIES
GL	GLASS	VERT.	VERTICAL
GYP	GYPSUM	WB	WALL BASE
GWB	GYPSUM WALL BOARD	WC	WALLCOVERING
HM	HOLLOW METAL	WD	WOOD
HORIZ.	HORIZONTAL	WDF	WOOD FLOORING
HR	HANDRAIL	WDB	WOOD BASE
HVAC	HEATING, VENTILATING, AIR CONDITIONING	WBS	WEATHER RESISTANT BARRIER
INT.	INTERIOR	WP	WALL PROTECTION
		WT	WINDOW TREATMENT

GENERAL NOTES

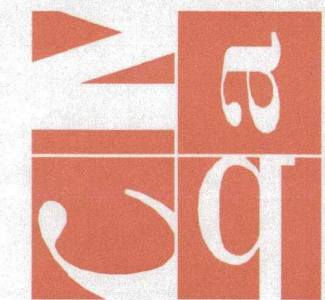
- PENETRATIONS THROUGH FIRE OR SMOKE RATED WALLS OR PARTITIONS SHALL NOT EXCEED APPLICABLE CODE REQUIREMENTS FOR U.L. DESIGNS.
- SUBSTITUTE MOISTURE-RESISTANT GYPSUM BOARD OF IDENTICAL THICKNESS FOR GYPSUM BOARD AT CUSTODIAL ROOMS AND PLUMBING WALLS.
- SUBSTITUTE TILE BACKER BOARD/ MOISTURE-RESISTANT TILE BACKER BOARD OF IDENTICAL THICKNESS FOR GYPSUM BOARD AT WALL TILE LOCATIONS.
- FILL STUD PARTITIONS WITH ACOUSTICAL BATT INSULATION EXCEPT AT PARTITIONS LOWER THAN CEILING HEIGHT OR PARTITIONS NOT FORMING ENCLOSED SPACES.
- PROVIDE SOLID BLOCKING AT STUD WALL LOCATIONS OF ALL BASE AND UPPER CASEWORK, ACCESSORIES, WALL MOUNTED EQUIPMENT, WALL MOUNTED DOOR HARDWARE, AND SIMILAR WALL MOUNTED DEVICES.
- PROVIDE CONTROL JOINTS PER GYPSUM BOARD MANUFACTURERS / GYPSUM ASSOCIATION GUIDELINES.
- ALL PENETRATIONS THROUGH FIRE RESISTANCE-RATED CONSTRUCTION OR SMOKE PARTITION SHALL BE SEALED WITH REVIEWED FIRE STOPPING TO MAINTAIN THE REQUIRED ASSEMBLY RATING.

REVISIONS

NO.	DESCRIPTION	DATE
-----	-------------	------

© COPYRIGHT - Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of reproduction of this project or portions thereof. Unauthorised copying, disclosure or construction use without written permission of Cannon Weiss Bruggler & Associates is prohibited by copyright law.

CMBA ARCHITECTS
505 GRAND AVE
SPENCER, IA 51301
(P) 712.262.3426



DATE:
02/12/2025
CMBA PROJECT
24188

DAS PROJECT NUMBERS
RFP # 938800-02
9388.00

TITLE

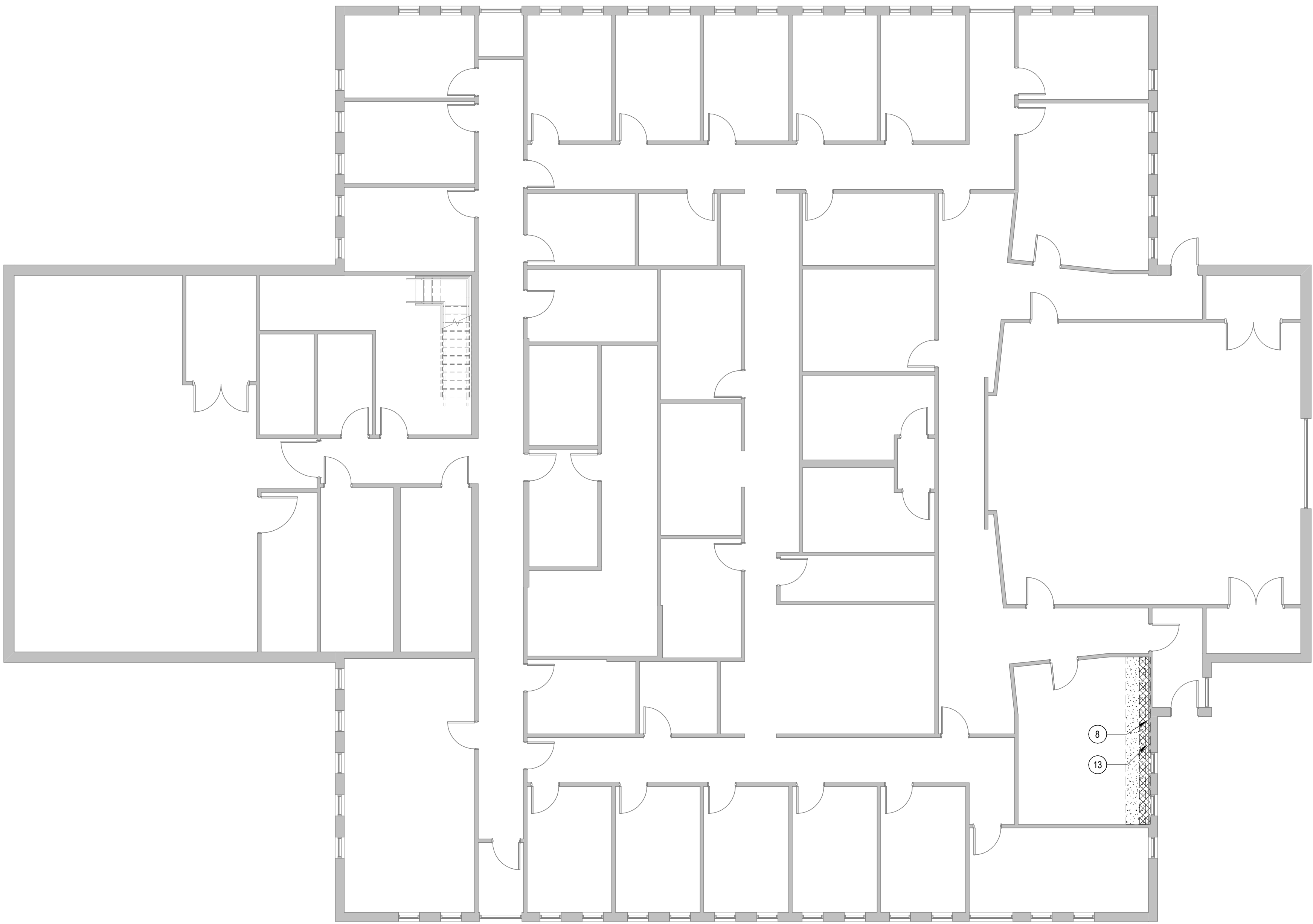
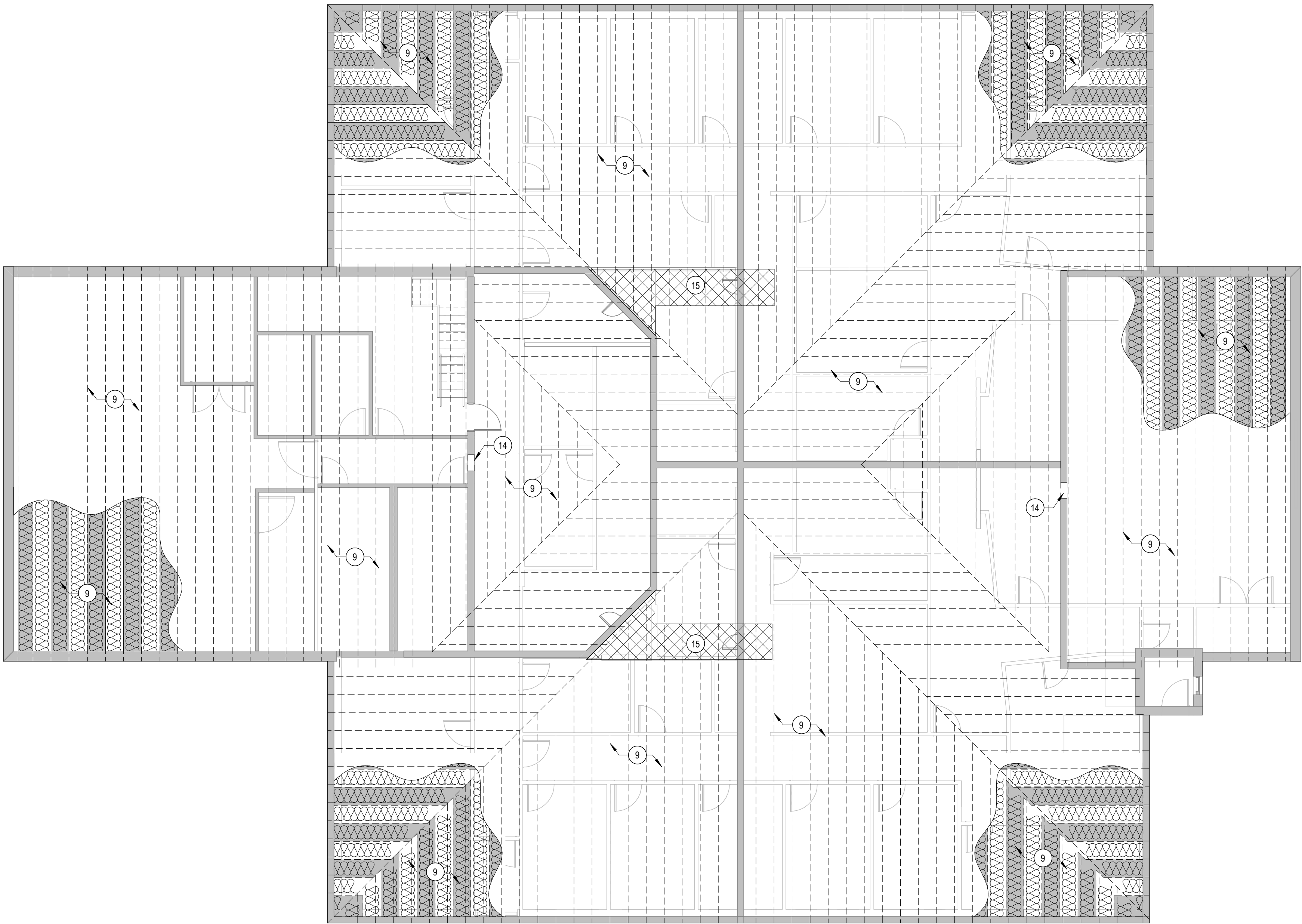
DPS P08 WATER INFILTRATION MITIGATION
IOWA DAS
MASON CITY, IOWA

SHEET
T.01



© COPYRIGHT. Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or construction use without written permission of Cannon Moss Brygger & Associates is prohibited by copyright law.

FILE PATH: C:\Users\cmbar\OneDrive\Documents\IOWA DAS DPS P08 Water Infiltration Mitigation\15 MODEL\11 Final\IOWA DAS DPS P08 Water Infiltration Mitigation RVT 23.rvt
PLOT DATE: 24/02/2025 10:01 AM



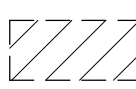

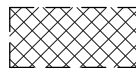
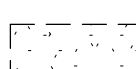
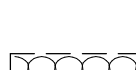

DEMO GENERAL NOTES

- A** DASHED LINES INDICATE DEMOLITION. NOT ALL ITEMS NOTED FOR CLARITY.
- B** EACH CONTRACTOR TO CAREFULLY EXAMINE EXISTING CONDITIONS PRIOR TO TIME OF BID.
- C** CONTRACTOR SHALL INFILL, OR PATCH AND REPAIR ANY OPENING IN EXISTING WALLS AS REQUIRED TO MAINTAIN EXISTING OR NEW RATED CONSTRUCTION.
- D** PATCH AND REPAIR EXISTING SURFACES, INDICATED TO REMAIN, DAMAGED DURING DEMOLITION. PREPARE FOR INSTALLATION OF NEW FINISHES AS SPECIFIED.
- E** PROTECT EXISTING FINISHES TO REMAIN.
- F** FINISHES AND OTHER ITEMS INDICATED FOR DEMOLITION SHALL BE ADEQUATELY REMOVED TO PROVIDE A SUITABLE SUBSTRATE FOR THE INSTALLATION OF PROPOSED MATERIALS AND FINISHES.
- G** MAINTAIN WEATHER TIGHT CONDITIONS ON ALL EXISTING SPACES THROUGHOUT CONSTRUCTION.
- H** PROTECT AND BRACE EXISTING STRUCTURE AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY DURING DEMOLITION AND CONSTRUCTION.
- I** ELECTRICAL EQUIPMENT / FIXTURES SHOWN FOR REFERENCE ONLY.

DEMO KEYNOTES

- 1 HIDDEN UPPER ROOF ABOVE
- 2 DEMOLISH EXISTING ROOF CRICKET
- 3 REMOVE BRICK AND PREP FOR NEW FINISH
- 4 REMOVE DEICING CABLE AS NEEDED TO REINSTALL LATER
- 5 DEMO AND REPLACE METAL FLASHING
- 6 REMOVE METAL PANEL AND PREP FOR NEW FINISH
- 7 REMOVE SHINGLES - REPLACE SHEATHING BELOW IF DAMAGED
- 8 REMOVE GYPSUM WALL BOARD, INSULATION TO BE INSPECTED FOR ANY WATER DAMAGE. THESE MATERIALS WILL BE REPLACED AFTER EXTERIOR REPAIRS HAVE BEEN MADE.
- 9 REMOVE INSULATION / FULL DEPTH EVERY OTHER TRUSS SPACE ACROSS THE ENTIRE ATTIC SPACE
- 10 EXISTING CANOPY BELOW
- 11 REMOVE ELECTRICAL BOX AND SAVE FOR REINSTALLATION.
- 12 REMOVE VALLEY FLASHING AS NEEDED
- 13 REMOVE WALL BASE AND REMOVE AND PROTECT CARPET AS NEEDED. SALVAGE MATERIALS TO BE REINSTALLED
- 14 PROVIDE OPENING FOR NEW DOOR
- 15 EXISTING PLYWOOD WALKWAY

DEMO LEGEND

-  INDICATES SHINGLES AND SHEATHING TO BE REMOVED AND REPLACED AS NEEDED TO ALLOW PROPER INSTALLATION OF THE NEW MATERIALS.
-  INDICATES EXISTING AREA OF NO RENOVATION
-  REMOVE AND REPLACE PER DIRECTION OF THE KEYNOTE
-  REMOVE GYP CEILING AS NEEDED TO ACCESS AFFECTED AREA - REINSTALL AIR BARRIER AND GYP AFTER ROOF REPAIRS HAVE BEEN MADE
-  REMOVE INSULATION / FULL DEPTH
-  EXISTING INSULATION TO REMAIN

REVISIONS

NO.	DESCRIPTION	DATE

IF THIS DRAWING IS NOT 30"x42" IT IS NOT TO SCALE

© COPYRIGHT - Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or distribution, use without written permission of Cannon Moore Brygger & Associates is prohibited by copyright law.

CMBA ARCHITECTS
505 GRAND AVE
SPENCER, IA 51301
(P) 712.262.3426

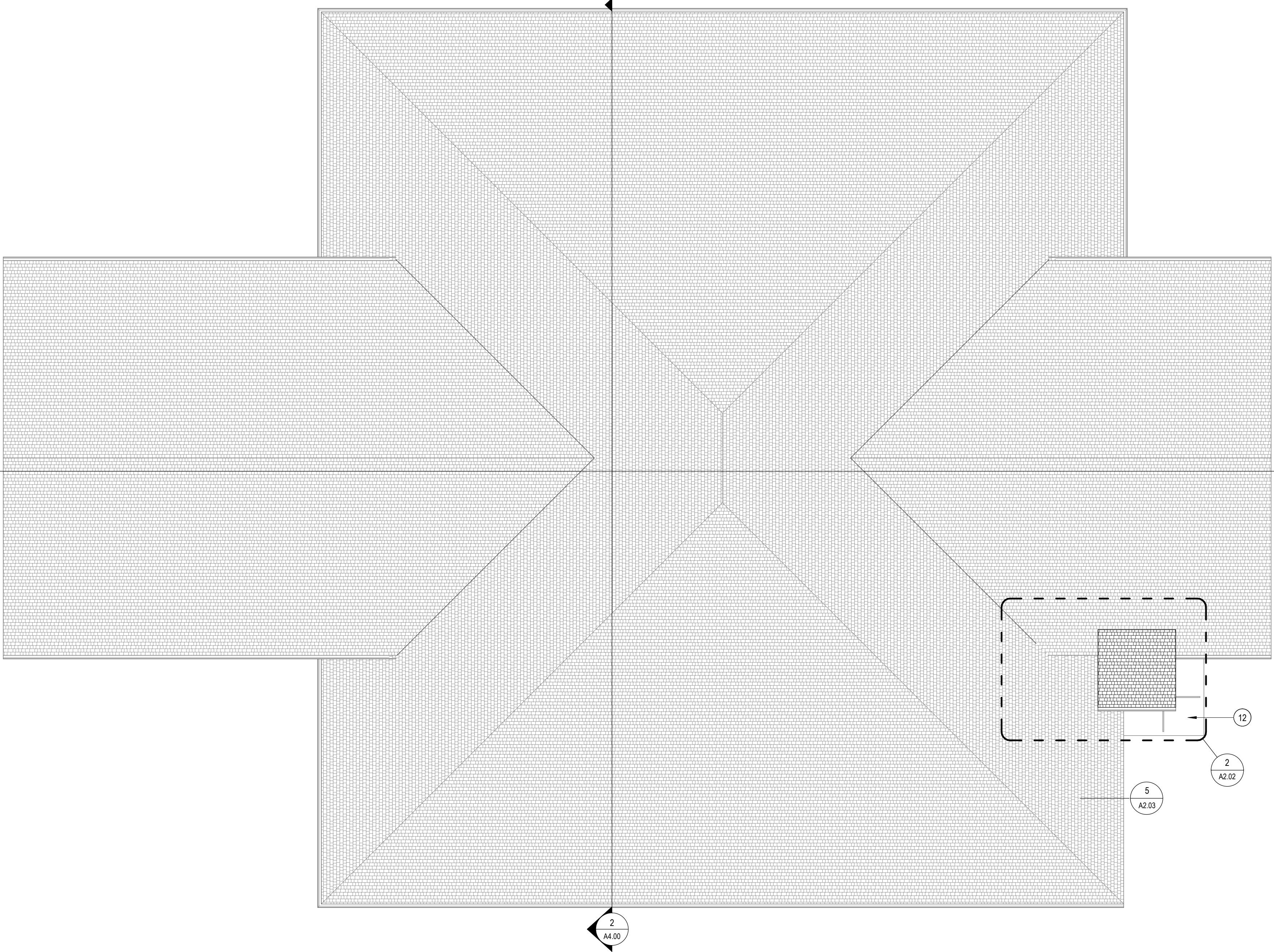


DATE: 02/12/2025
PROJECT: 24188

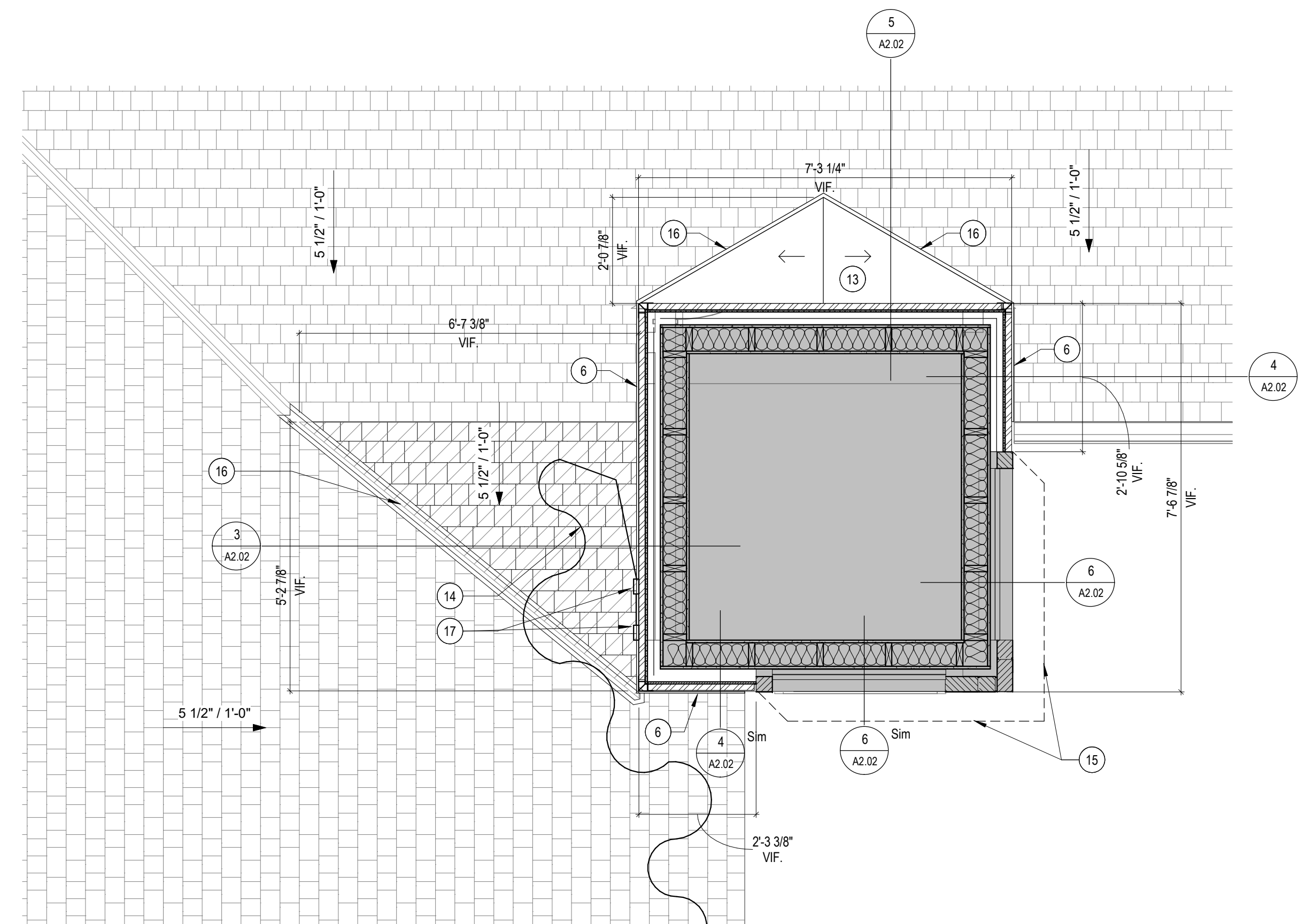
DEMO FLOOR PLAN & ATTIC DEMO PLAN

DPS P08 WATER INFILTRATION MITIGATION
IOWA DAS
MASON CITY, IOWA

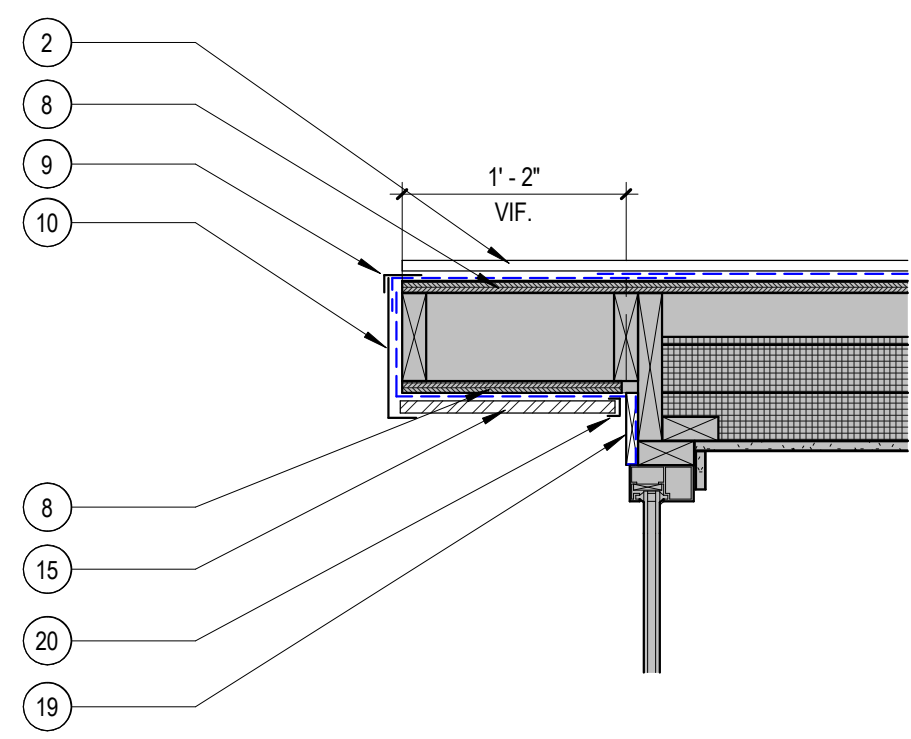
SHEET
A2.01



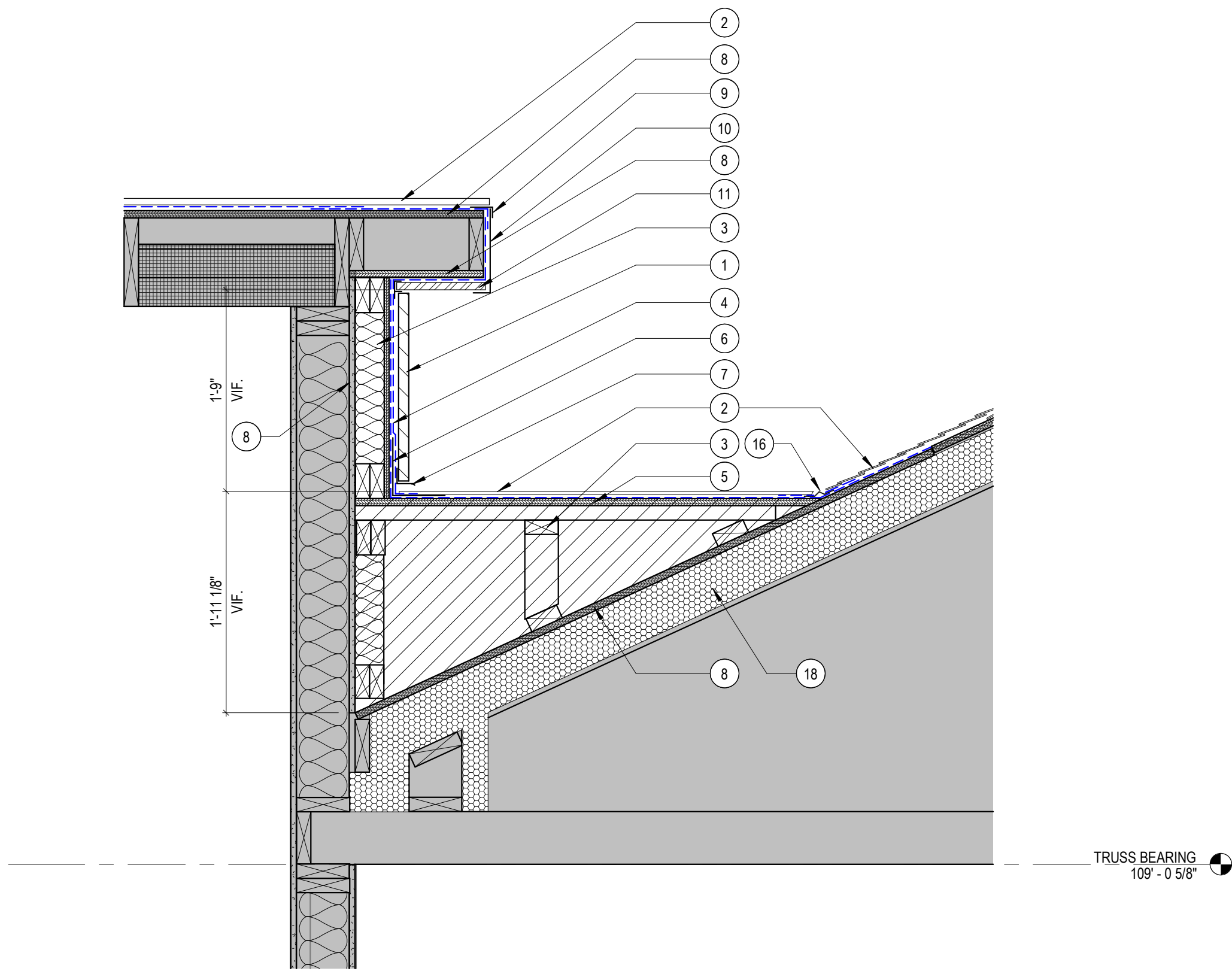
1 Roof Plan
1/8" = 1'-0"



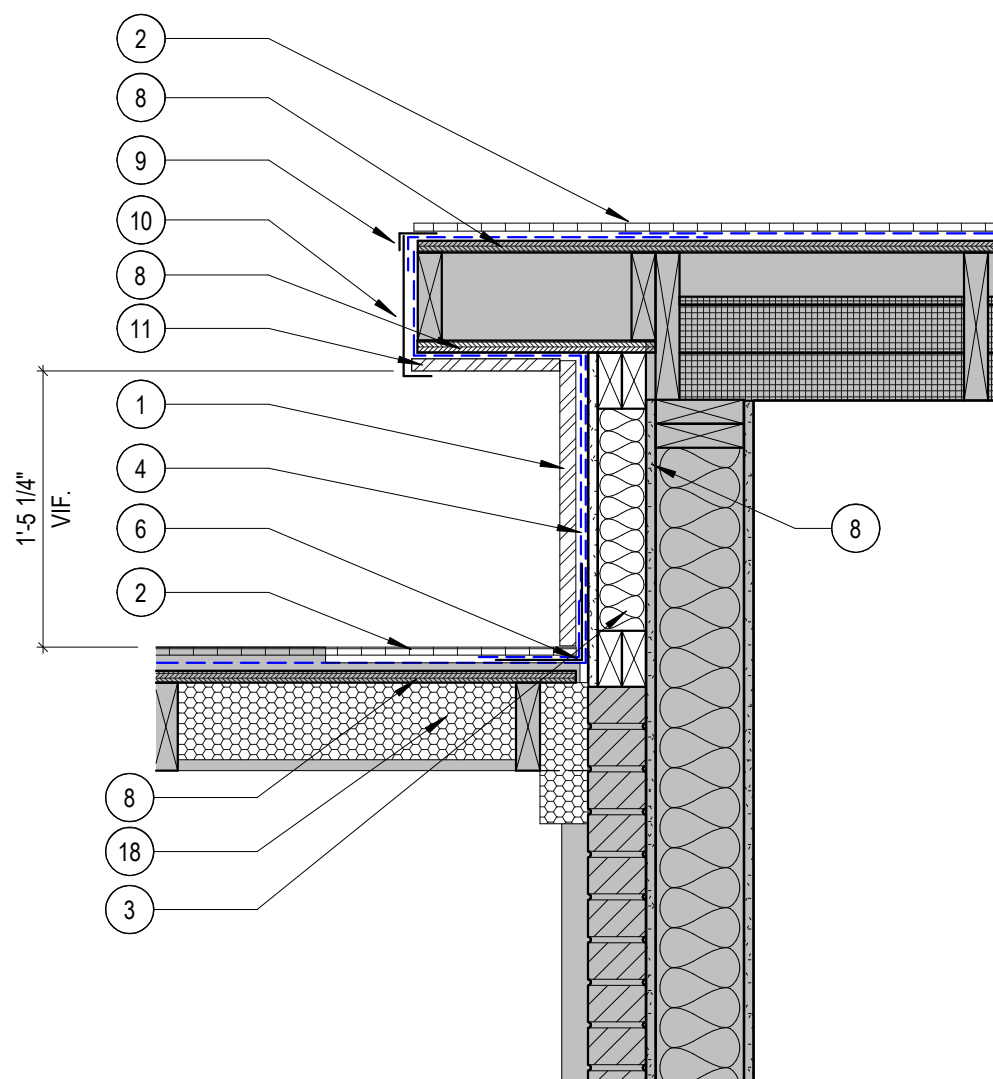
2 ROOF PLAN
1/2" = 1'-0"



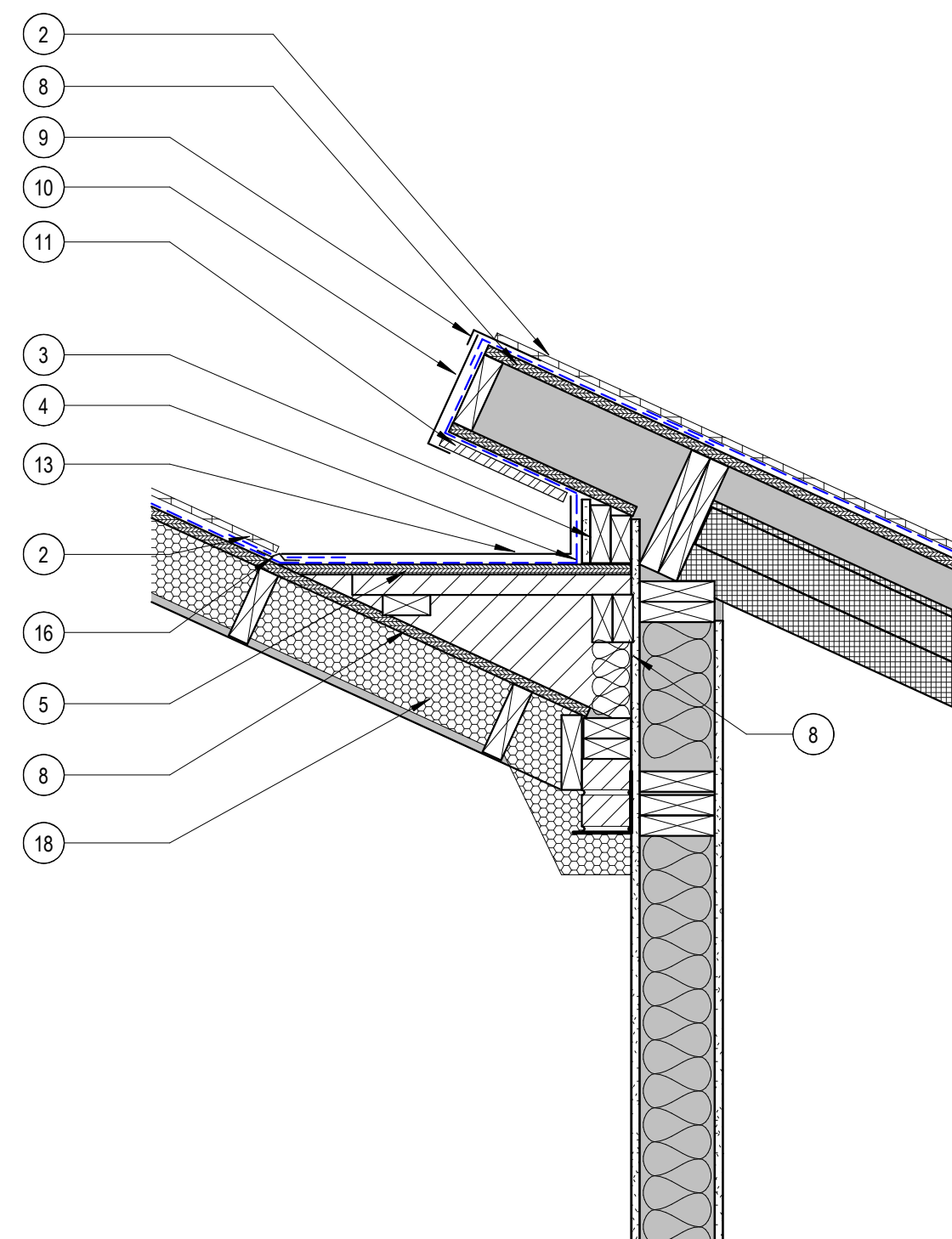
6 Detail 4
1" = 1'-0"



3 Detail 1
1" = 1'-0"



4 Detail 2
1" = 1'-0"



5 Detail 3
1" = 1'-0"

GENERAL NOTES

- A** PONDING WATER WILL NOT BE ACCEPTED.
- B** ROOF CORING (CAPS), FLASHING AND TRIMS SHALL BE SLOPED A MINIMUM OF 1/2" PER 1'-0" UNLESS NOTED OTHERWISE.
- C** ROOF LAYOUT CRICKETS DIAGRAMMATIC IN NATURE FIELD VERIFY PROPER SLOPES AND SIZE REQUIREMENTS.
- D** RE-USE SCUPPER AND OR GUTTER AND DOWNSPOUTS COORDINATE WITH ARCHITECT.
- E** ICE AND WATER SHIELD TO EXTEND UP ROOF 3'-0" MIN. FROM OUTSIDE FACE OF STUD WALL AND UP THE VERTICAL SURFACE OF THE WALL.
- F** ELECTRICAL EQUIPMENT / FIXTURES SHOWN FOR REFERENCE ONLY.

KEYNOTES

- 1 METAL PANEL
- 2 ASPHALT SHINGLES - COLOR TO MATCH EXISTING
- 3 5/8" GYPSUM SHEATHING ON 2X WOOD FRAMING AS REQUIRED
- 4 ICE & WATER SHIELD
- 5 5/8" EXTERIOR PLYWOOD
- 6 METAL ROOF STEP FLASHING
- 7 METAL PANEL DRIP CAP
- 8 REPLACE SHEATHING AS NEEDED IF DAMAGED
- 9 ROOF EDGE TRIM
- 10 PRE-FINISHED METAL FASCIA
- 11 PRE-FINISHED METAL SOFFIT - SOLID
- 12 CANOPY BELOW
- 13 PREFINISHED METAL FLASHING
- 14 REINSTALL DEICING CABLE
- 15 PRE-FINISHED METAL SOFFIT - VENTED
- 16 ROOF VALLEY FLASHING
- 17 RE-INSTALL ELECTRICAL BOXES
- 18 SPRAY INSULATION
- 19 REMOVE WINDOW TRIM TO WATERPROOF AND REINSTALL
- 20 SOFFIT TRIM

LEGEND

- RC ROOF CRICKET
- INDICATES EXISTING MATERIAL/CONSTRUCTION TO REMAIN
- SPRAY INSULATION

REVISIONS

NO.	DESCRIPTION	DATE

IF THIS DRAWING IS NOT 30"x42" IT IS NOT TO SCALE

© COPYRIGHT - Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of identification of this project or building. Unauthorized copying, disclosure or distribution without written permission of Cannon Moore Brygger & Associates is prohibited by copyright law.

CMBA ARCHITECTS
505 GRAND AVE
SPENCER, IA 51301
(P) 712.262.3426

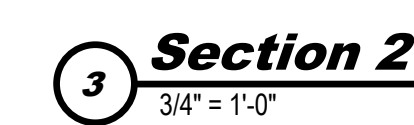
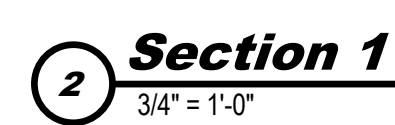
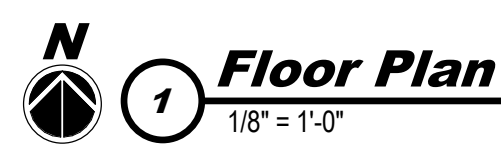


DATE: 02/12/2025
PROJECT: 24188

ROOF PLAN

DPS P08 WATER INFILTRATION MITIGATION
IOWA DAS
MASON CITY, IOWA

SHEET
A2.02



- © COPYRIGHT. Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or construction use without written permission of Cannon Moss Brygger & Associates is prohibited by copyright law.



GENERAL NOTES

- | | |
|----------|---|
| A | ALL INTERIOR WALL ASSEMBLIES TO EXTEND TO DECK UNLESS NOTED OTHERWISE. |
| B | CONTRACTORS SHALL FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING THE AFFECTED WORK. |
| C | DO NOT SCALE DRAWINGS. FOLLOW DIMENSIONS. |
| D | PATCH AND REPAIR EXISTING WALLS, FLOORS, CEILING, ETC., THAT ARE SHOWN TO REMAIN BUT ARE DAMAGED DUE TO CONSTRUCTION WORK. |
| E | REMOVE CEILING AS NEEDED TO ACCESS AREAS HIGHLIGHTED IN DRAWINGS |
| F | OWNER WILL REMOVE ALL WALL HUNG ITEMS |
| G | ALL SPRAYFOAM NEEDS A INTUMESCENT FIRE-RETARDANT COATING |
| H | IF ANY MECHANICAL VENTING IS DISCOVERED EXHAUSTING AIR OR TAKING IN AIR INTO THE ATTIC SPACE THIS WILL NEED TO BE EXTENDED TO ABOVE THE ROOF. |
| I | SPRAY INSULATION ON ROOF DECK TO HAVE A MINIMUM R-VALUE OF 30 |

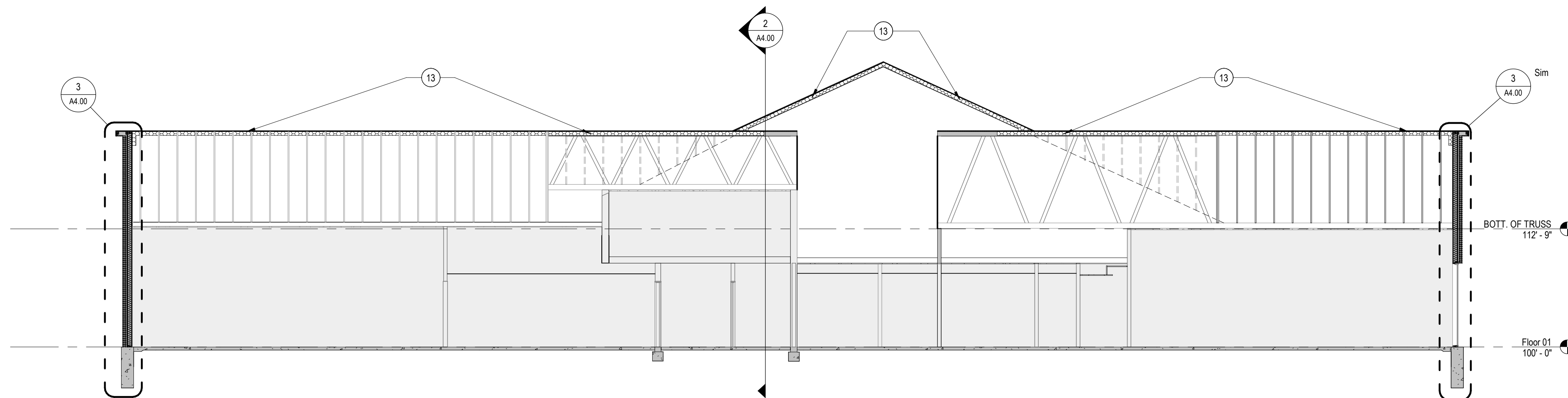
KEYNOTES

- 1 BATT INSULATION
- 2 5/8" GYP PAINT WALL TO MATCH EXISTING
- 3 GROUT AIR SPACE SOLID BELOW FLASHING
- 4 BLOKING AS NEEDED
- 5 WEATHER BARRIER
- 6 1/2" PLYWOOD
- 7 GYP AND INSULATION
- 8 PATCH BACK CEILING AS NEEDED - MATCH EXISTING THICKNESS AND TEXTURE. PAINT TO MATCH EXISTING.
- 9 DRAFT STOP DOOR
- 10 SPRAY INSULATION
- 11 SELF-ADHERED FLASHING
- 12 VAPOR RETARDER - ON INTERIOR FACE OF EXTERIOR WALL
- 13 SPRAY INSULATE ROOF DECK
- 14 REINSTALL WALL BASE
- 15 REINSTALL CARPET

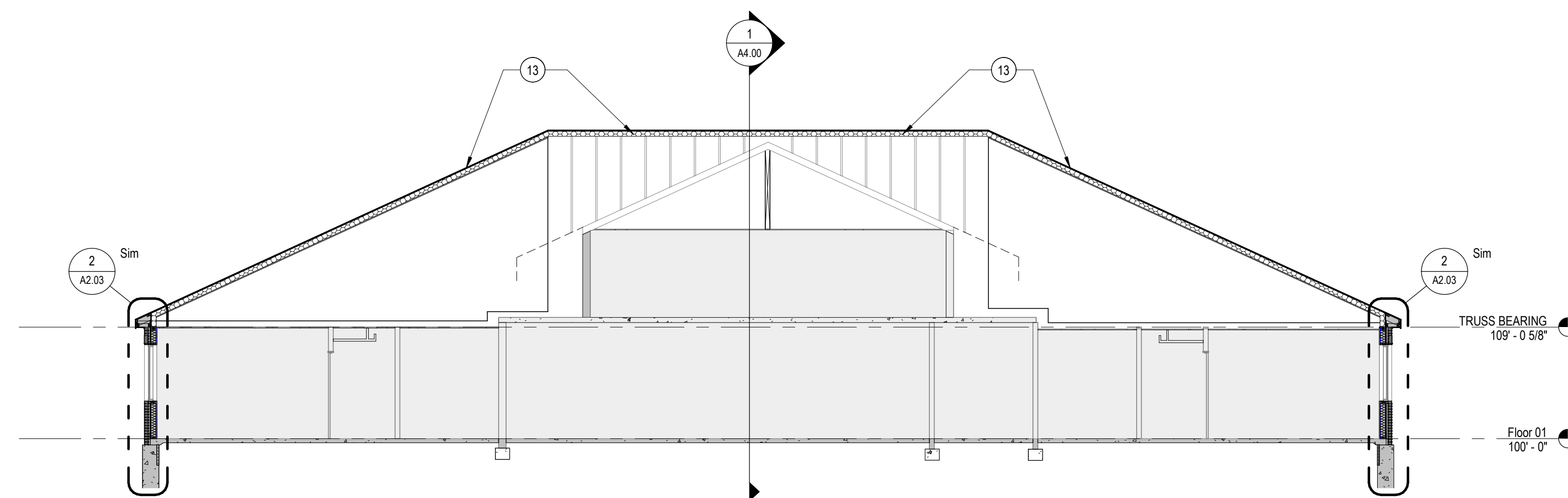
LEGEND

- INDICATES EXISTING MATERIAL/CONSTRUCTION TO REMAIN
 PLYWOOD WALKWAY
 SPRAY FOAM

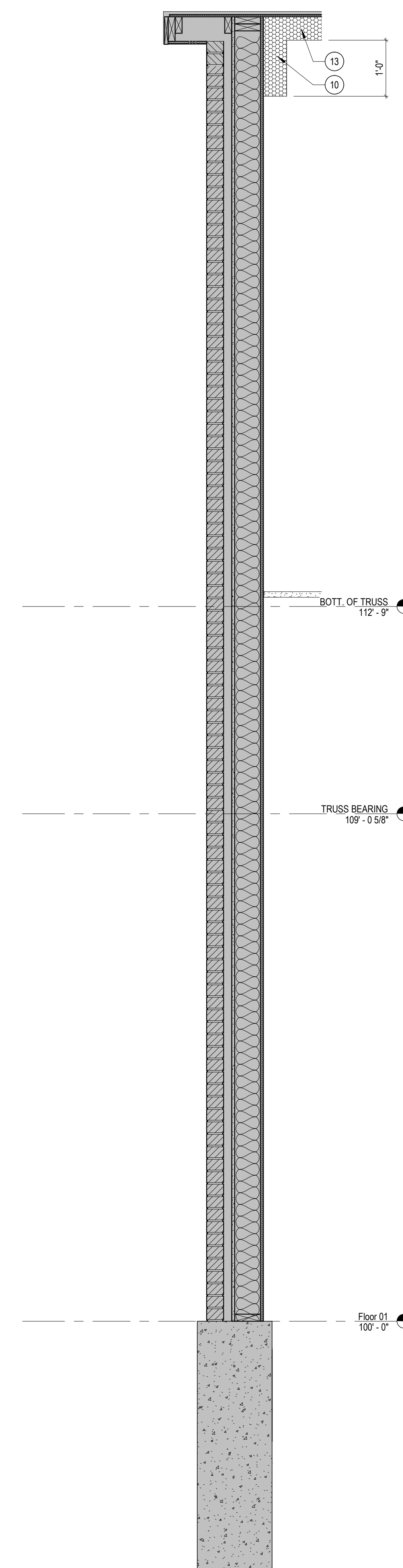
1 Section 3
1/8" = 1'-0"



2 Section 4
1/8" = 1'-0"

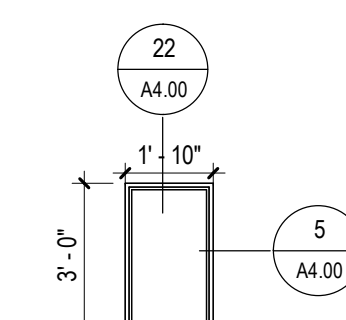


3 WALL SECTION
3/4" = 1'-0"

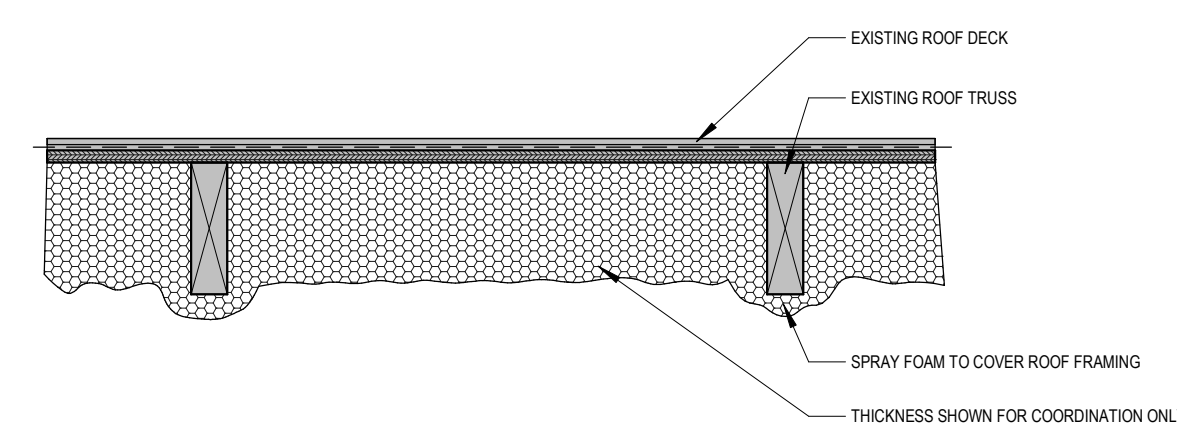
**DOOR SCHEDULE**

<i>DOOR SCHEDULE</i>					
DOOR NO.	DOOR SIZE			FRAME TYPE	DOOR NO.
	WIDTH	HEIGHT	THICKNESS		
201	1'-8"	2'-11"	1 3/4"	1	201
200	1'-8"	2'-11"	1 3/4"	1	200

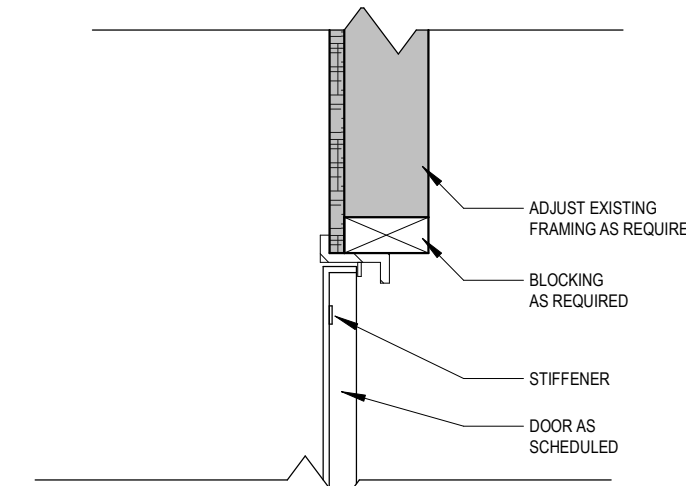
FRAME 1



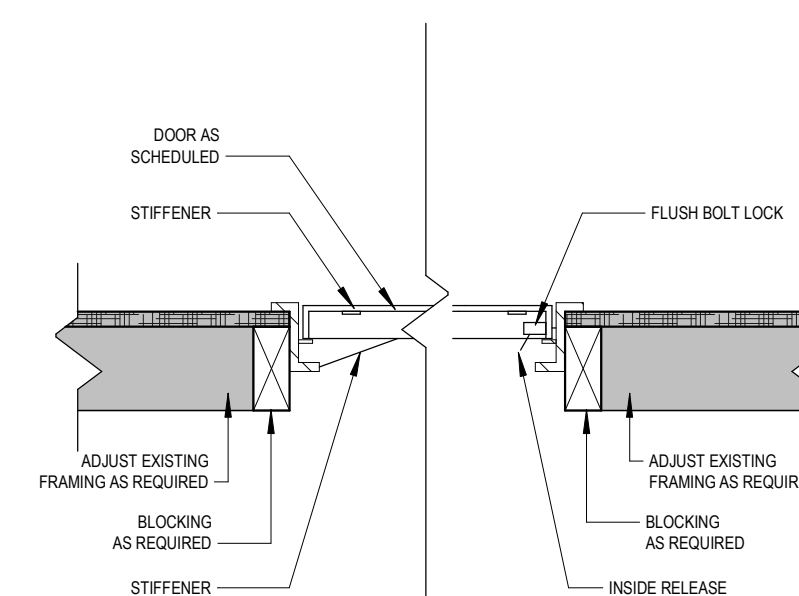
4 ISULATION AROUND TRUSS TYPICAL DETAIL



DOOR HEAD



DOOR JAMB



REVISIONS

[illegible]

IF THIS DRAWING IS NOT 30"x42" IT IS NOT TO SCALE

© COPYRIGHT. Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or construction use without written permission of Cannon Moss Brygger & Associates is prohibited by copyright law.