

DOC FDCF UNIT A, B & G ROOF REPLACEMENT

IOWA DAS

FORT DODGE, IOWA

OWNER'S PROJECT NUMBER: 9508.00
RFP 950800-01



CMBA ARCHITECTS
505 GRAND AVE
SPENCER, IA 51301
(P) 712-262-3426

DATE
03.17.2026
PROJECT
9508.00

TITLE

DOC FDCF UNIT A, B & G ROOF REPLACEMENT
IOWA DAS
FORT DODGE, IOWA

SHEET
T.01

SHEET INDEX

GENERAL	
T.01	TITLE
ARCHITECTURAL	
A1.00	SITE PLANS
A2.00	DEMO PLAN - BUILDING A
A2.01	DEMO PLAN - BUILDING B & G
A2.02	ROOF PLAN - BUILDING A
A2.03	ROOF PLAN - BUILDING B & G
A4.00	ROOF DETAILS

ABBREVIATIONS

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

GRAPHIC SYMBOLS

SITE SPOT ELEVATION

NEW FINISH SPOT GRADE, NEW AND EXISTING FINISH SPOT GRADE, TOP OF CURB BOT. OF CURB

NEW / EXISTING WALL CONSTRUCTION

EXISTING (SCREENED), NEW (SCREENED)

ROOM NAME AND NUMBER

ROOM NAME, ROOM NUMBER, ROOM SQUARE FOOTAGE

DOOR NUMBER

ROOM NUMBER, ALPHABET CHARACTERS USED TO DISTINGUISH BETWEEN MULTIPLE DOORS THAT ARE ASSOCIATED WITH PARTICULAR ROOMS

WINDOW TYPE

SPOT ELEVATION, WINDOW TYPE

KEY NOTES

INDICATES A NOTE FOR A SPECIFIC ITEM

REVISION MARKER

TOILET ACCESSORIES TAG, ASSEMBLY TYPE TAG

WALL TAG

COLUMN GRID LINE

NEW, EXISTING

BUILDING SECTION / WALL SECTION

SECTION DIRECTION, DETAIL NUMBER, SHEET NUMBER

DETAILS

DETAIL NUMBER, SHEET NUMBER

EXTERIOR ELEVATION

ELEVATION DIRECTION, ELEVATION NUMBER, SHEET NUMBER

INTERIOR ELEVATION

ELEVATION DIRECTION, ELEVATION NUMBER, SHEET NUMBER

ROOM FINISH TAG

ROOM NAME, ROOM NUMBER, ROOM WALL FINISH, ROOM WALL BASE FINISH, ROOM FLOOR FINISH, ROOM KEYNOTES

MATERIAL INDICATIONS

EARTH, WOOD STUDS, GRAVEL / SAND FILL, FINISHED WOOD, METAL (LARGE SCALE)

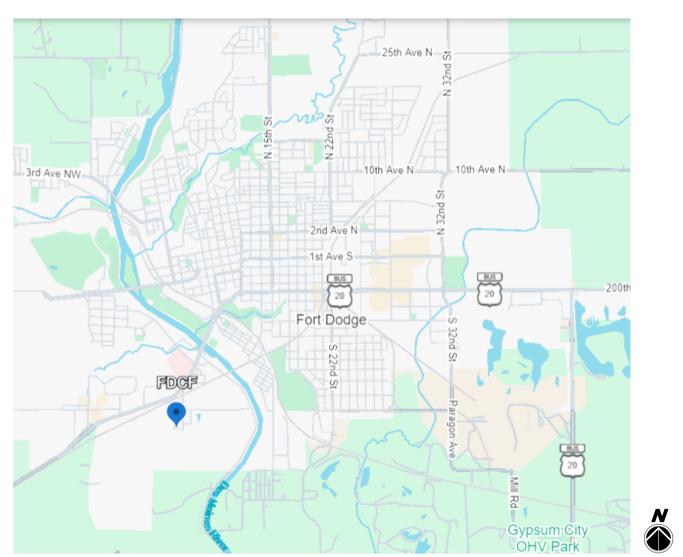
METAL STUDS, PLYWOOD, CONCRETE, RIGID INSULATION, WOOD BLOCKING

METAL SECTION (BLANKET OR BATT), INSULATION (BLANKET OR BATT), BRICK, SEALANT, EXISTING CONSTRUCTION

CMU (STD. WT.), GLASS FIBER REINFORCED GYPSUM BOARD, STONE, GYPSUM BOARD, ACoustical CEILING

MINERAL WOOL, SPRAY FOAM, AIR SEAL

PROJECT LOCATION



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 Iowa.

Signature: Adam Donovan Van Gorp, Date: 03/17/2026

Printed or typed name: ADAM DONAVAN VAN GORP, License Number: 07319

My license renewal date is JUNE 30TH, 2027

Pages or sheets covered by this seal: ALL "T" & "A" SHEETS

CODE SUMMARY

PROJECT SUMMARY

REPLACEMENT OF ROOFING SYSTEM ON THE FORT DODGE CORRECTIONAL FACILITY INDICATED ROOFS AS SHOWN ON THE DRAWINGS. REFERENCE FULL BUILDING DRAWINGS FOR CODE INFORMATION ADDRESSING THE EXISTING BUILDING.

STATE OF IOWA:

- 2024 IBC: ALL APPLICABLE CHAPTERS
- 2024 International Building Code as adopted by Iowa Administrative Rule chapters 661-201 and 661-301
- 2024 International Fire Code as adopted by Iowa Administrative Rule chapters 661-201
- 2012 International Energy Conservation Code as adopted by Iowa Administrative Rule chapters 661-303 and 661-360
- 2024 International Existing Building Code as adopted by Iowa Administrative Rule chapters 661-301 and 661-360
- 2012 NFPA 101 Life Safety Code as adopted by Iowa Administrative Rule chapter 661-205
- 2010 Americans with Disabilities Act as adopted by Iowa Administrative Rule chapter 661-302
- State Mechanical Code as adopted by the Department of Public Health Iowa Administrative Rule chapter 661-41
- State Plumbing Code as adopted by the Department of Public Health Iowa Administrative Rule chapter 661-25
- State Electrical Code as adopted by the State Electrical Licensing Board Iowa Administrative Rule chapter 661-504
- ANSI 117.1. 2009. ALL APPLICABLE CHAPTERS

OWNER

Iowa Department of Administrative Services
Owner's Representative:
Geoff Wheelock
State Design & Construction Resources Bureau
109 S.E. 13th Street
Des Moines, IA 50319
Office: 515-282-9197

On Site Contact:
Physical Plant Manager:
Jeremiah Johnson
15501 Avenue
Fl Dodge, IA 50501
PH: 515-574-4716

ARCHITECT

CMBA Architects
505 Grand Avenue
Spencer, IA 51301
PH: 712-262-3426
Architect Responsible: Adam Van Gorp, AIA
Email: vangorp@cmbarchitects.com

BUILDING OFFICIAL:

The Iowa Department of Inspections, Appeals, and Licensing, Building & Construction Division

IBC 2024	REQ / ALLOWED	PROVIDED
USE AND OCCUPANCY	CHAPTER 3	I-3
CONSTRUCTION TYPE	SECTION 602 / TABLE 601	II-B
AUTOMATIC SPRINKLER SYSTEM	SECTION 903	YES
BUILDING HEIGHT	TABLE 504.3	95' MAX
BUILDING STORIES	TABLE 504.3	2 STORIES
LARGEST FLOOR AREA / STORY / 1ST FLOOR AREA	TABLE 506.2	

REVISIONS

NO.	DESCRIPTION	DATE

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GENERAL NOTES

- A** CONTRACTOR TO COORDINATE IN ADVANCE WITH OWNER FOR ALL GATE PASSINGS.
- B** ALL WORK AREAS TO BE FULLY CLEANED AFTER EACH WORKING DAY.
- C** SEE SPECIFICATIONS FOR DAILY TOOL INVENTORY REQUIREMENTS.
- D** CONTRACTOR IS RESPONSIBLE FOR HAULING MATERIALS INCLUDING CONSTRUCTION WASTE IN AND OUT OF THE OUTERMOST FENCED AREA EACH DAY.
- E** PROTECT UNDERGROUND UTILITY LINES IDENTIFIED ON THE SITE PLAN. VERIFY LOCATION WITH OWNER.
- F** ALL CONTRACTORS PERSONNEL ARE TO HAVE BACKGROUND CHECKS PRE-APPROVED AND COMPLETE PREA TRAINING BEFORE BEING ALLOWED ON SITE FOR WORK.
- G** CONTRACTOR TO COORDINATE IN ADVANCE WITH FDCF STAFF FOR ALL GATE PASSING. GATE LOCATIONS ARE IDENTIFIED IN THE DOCUMENTS. KEEP GATES CLEAR AT ALL TIMES EXCEPT FOR COORDINATED PASSING.
- H** ALL WORK AREAS ARE TO BE THOROUGHLY CLEANED AT THE END OF EACH DAY.
- I** SEE SPECIFICATION FOR DAILY TOOL INVENTORY REQUIREMENTS. A STANDARDIZED LIST OF DAILY TOOLS ENTERING AND EXITING IS PREFERRED. ALL CONSTRUCTION EQUIPMENT MUST BE REMOVED FROM THE SITE DAILY TO THE DESIGNATED STAGING AREA IN THE PARKING LOT WITH THE EXCEPTION OF A JOB BOX THAT CAN REMAIN SECURED ON THE ROOF AREA.
- J** SEE SPECIFICATIONS FOR SITE ACCESS, STORAGE, WASTE REMOVAL, AND WORK HOURS.
- K** PROTECT GRASS AREAS FROM EQUIPMENT AND LIFTS. SEE DRAWING FOR PROTECTED UNDERGROUND UTILITY LINES. DAMAGE IS THE RESPONSIBILITY OF THE CONTRACTOR.

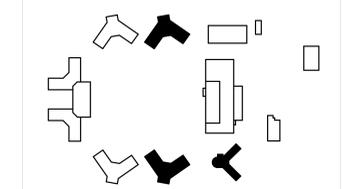
KEYNOTES

- ① APPROX. CONSTRUCTION STAGING AREA. MAINTAIN ACCESS FOR PATROL VEHICLE. CONTRACTOR TO REVIEW SITE PRIOR TO BIDDING AND INCLUDE ALL ACCOMMODATIONS TO ACCESS ROOF OVER SECURITY FENCING. RETURN SITE CONDITIONS TO PRE-CONSTRUCTION CONDITION AT PROJECT COMPLETION.

LEGEND

- BUILDINGS WHERE WORK OCCURS
- AVAILABLE LAYDOWN SPACE
- GATE
- FENCE
- UNDERGROUND UTILITIES
- PROVIDE PROTECTION PADS AS NEEDED

KEY PLAN

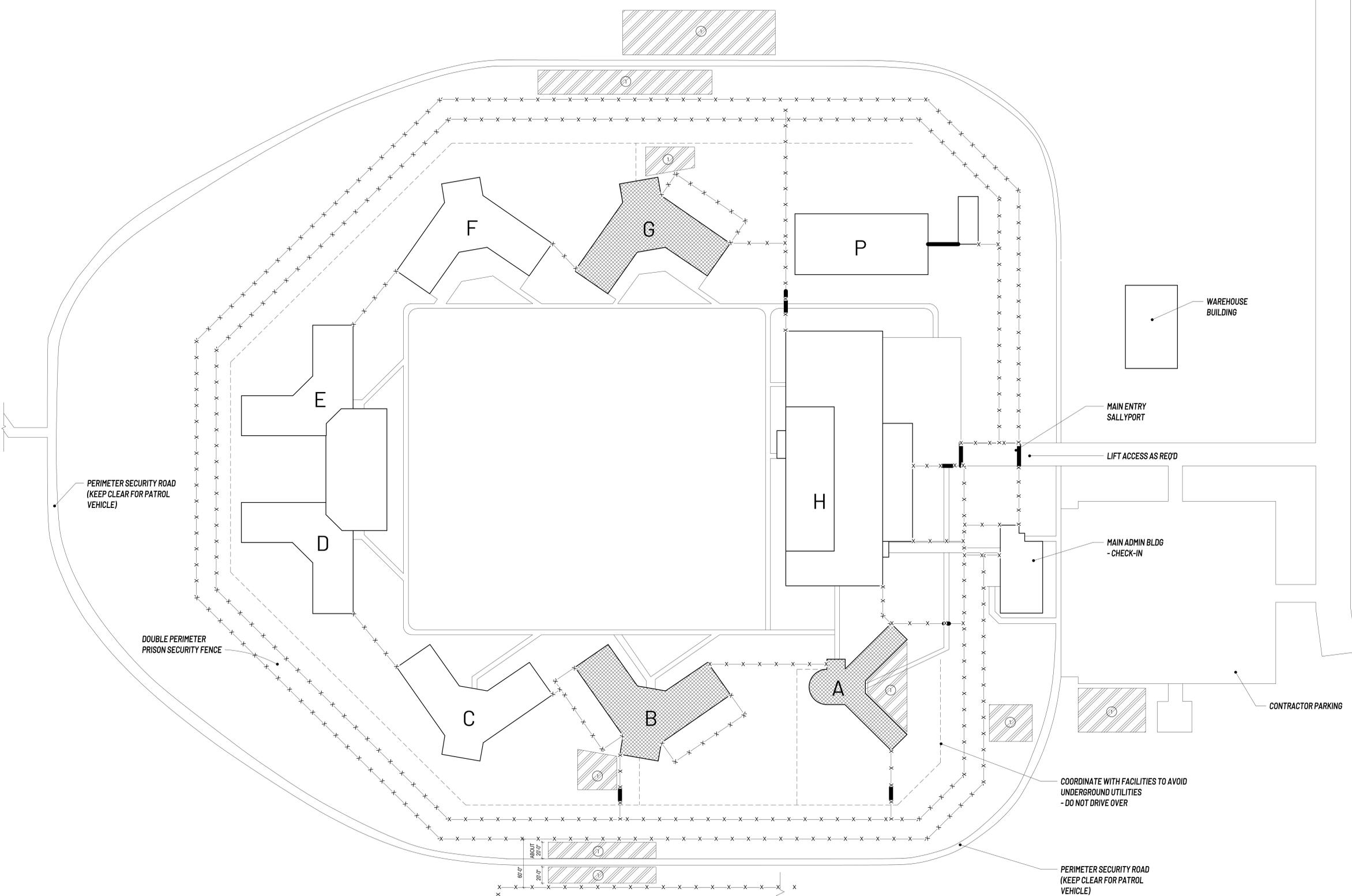


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2 Site Map
T=50'-0"

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 505 GRAND AVE
 SPENCER, IA 51301
 (P) 712.262.3426



DATE
03.17.2026
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9508.00

SITE PLANS

DOC FDCF UNIT A, B & G ROOF REPLACEMENT
IOWA DAS
 FORT DODGE, IOWA

SHEET
A1.00

EXISTING ROOF ASSEMBLY

- EXISTING ROOF STACK HGT: 5'
1. LOOSE LAID BALLAST
 2. 60 MIL EPDM
 3. 4 1/2" XPS INSULATION (2 LAYERS)
 4. 1/2" GYP/PLUM SUBSTRATE
 5. SLOPED CONCRETE DECK

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 PATCH AND REPAIR EXISTING SURFACES. INDICATED TO REMAIN. DAMAGED DURING DEMOLITION. PREPARE FOR INSTALLATION OF NEW FINISHES AS SPECIFIED.
- D PROTECT EXISTING FINISHES TO REMAIN.
- E MAINTAIN WEATHER TIGHT CONDITIONS ON ALL EXISTING SPACES THROUGHOUT CONSTRUCTION.
- F REMOVE AND DISPOSE OFF SITE EXISTING MEMBRANE, INSULATION, METAL TRIM AND PAVERS. CONTRACTOR TO REMOVE AGGREGATE BALLAST OFFSITE AND DISPOSE.
- G CONTRACTOR TO REMOVE & REINSTALL LIGHTNING PROTECTION CABLES & RODS. PROVIDE NEW CABLE CLIPS. RE-CERTIFICATION IS NOT REQUIRED.
- H EXISTING ROOF TIE OFF ANCHORS TO BE REMOVED BY THE CONTRACTOR. COORDINATE THIS WORK WITH THE OWNER SO THE THROUGH BOLT DOES NOT DROP INTO THE BUILDING.
- I DURING ROOF DEMOLITION, CHECK ALL PIPE COUPLINGS ON ROOF VENTS. NOTIFY FACILITY IF ANY NEED TO BE REPLACED.
- J CONTRACTOR TO IMMEDIATELY NOTIFY THE OWNER IF ANY MATERIALS AND/OR TOOLS FALL OFF OF ROOF. ONLY THE OWNER WILL BE ALLOWED TO RETRIEVE THE FALLEN ITEMS.
- K ALL ROOF AND BUILDING MOUNTED SECURITY CAMERAS OR DEVICES WILL BE REMOVED AND REINSTALLED BY THE OWNER.

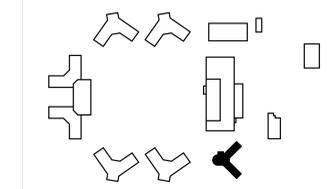
KEYNOTES

- 1 DEMO GUTTER
- 2 EXISTING DOWN SPOUT - TO BE REUSED
- 3 EXISTING ROOF CURB TO REMAIN
- 4 LIGHTNING CABLE OVER SIDE OF WALL TO LOWER ROOF - REMOVE AND REINSTALL
- 5 TYPICAL - REMOVE FLASHING AND PARAPET CAP

LEGEND

- INDICATES PAVERS TO BE REMOVED
- INDICATES PAVER WALKING PATHS TO BE REMOVED
- AREA OPEN TO BELOW. CONTRACTOR TO COVER ENTIRE AREA AS TO NOT ALLOW ANY MATERIALS AND/OR TOOLS FALL INTO THE AREA BELOW.
- V.T.R. - VENT THROUGH ROOF - TO REMAIN REMOVE ROOFING MEMBRANE AS NEEDED TO PREP FOR NEW ROOFING MATERIALS.
- L.C.P.P. - LIGHTNING CABLE PROTECTION PENETRATION - TO BE REMOVED AND REINSTALLED WITH NEW CLIPS
- R.T.O. - ROOF TIE OFF - REMOVE FULLY NOT TO BE REINSTALLED. PATCH HOLES IN THE CONCRETE DECK. COORDINATE DEMOLITION WITH OWNER SO MATERIAL DOES NOT FALL INSIDE OF BUILDING.
- W.T.O. - WALL TIE OFF - TO REMAIN
- E.F. - EXHAUST FAN - TO REMAIN - OWNER WILL REMOVE AND REINSTALL AS NEEDED TO ALLOW FOR DEMO OF ROOF MEMBRANE.
- S.A. - SUPPLY AIR (AIR INTAKE) - TO REMAIN - OWNER WILL REMOVE AND REINSTALL AS NEEDED TO ALLOW FOR DEMO OF ROOF MEMBRANE.
- LIGHTNING ROD & CABLES - FIELD VERIFY LOCATIONS. REMOVE AND REINSTALL TO EXISTING LOCATIONS WITH NEW CLIPS
- L.R. - LIGHTNING ROD - FIELD VERIFY QUANTITIES & LOCATIONS. REMOVE AND REINSTALL TO EXISTING LOCATIONS WITH NEW CLIPS.
- R.H. - ROOF HATCH - TO REMAIN

KEY PLAN

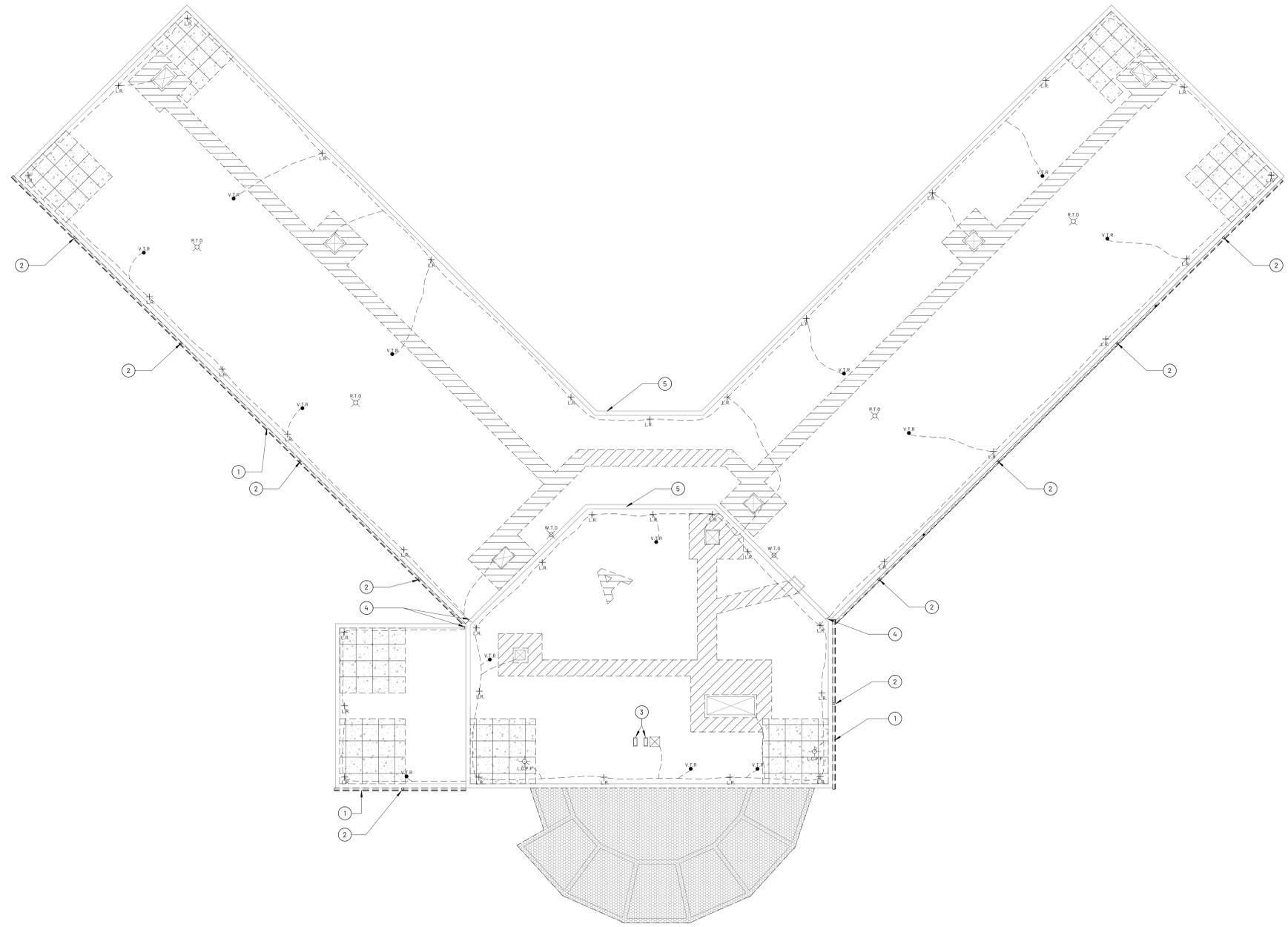


REVISIONS

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1 DEMO - BUILDING A
1/8" = 1'-0"

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DATE PLOTTED: 03/17/2026 10:42 AM

EXISTING ROOF ASSEMBLY

- EXISTING ROOF STACK HGT: 5'
1. LOOSE LAID BALLAST
 2. 60 MIL EPDM
 3. 4 1/2" XPS INSULATION (2 LAYERS)
 4. 1/2" ZYPSULM SUBSTRATE
 5. SLOPED CONCRETE DECK

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 PATCH AND REPAIR EXISTING SURFACES. INDICATED TO REMAIN. DAMAGED DURING DEMOLITION. PREPARE FOR INSTALLATION OF NEW FINISHES AS SPECIFIED.
- D PROTECT EXISTING FINISHES TO REMAIN.
- E MAINTAIN WEATHER TIGHT CONDITIONS ON ALL EXISTING SPACES THROUGHOUT CONSTRUCTION.
- F REMOVE AND DISPOSE OFF SITE EXISTING MEMBRANE, INSULATION, METAL TRIM AND PAVERS. CONTRACTOR TO REMOVE AGGREGATE BALLAST OFFSITE AND DISPOSE.
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- I DURING ROOF DEMOLITION, CHECK ALL PIPE COUPLINGS ON ROOF VENTS. NOTIFY FACILITY IF ANY NEED TO BE REPLACED.
- J CONTRACTOR TO IMMEDIATELY NOTIFY THE OWNER IF ANY MATERIALS AND/OR TOOLS FALL OFF OF ROOF. ONLY THE OWNER WILL BE ALLOWED TO RETRIEVE THE FALLEN ITEMS.
- K ALL ROOF AND BUILDING MOUNTED SECURITY CAMERAS OR DEVICES WILL BE REMOVED AND REINSTALLED BY THE OWNER.

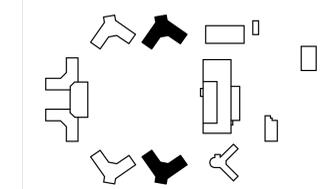
KEYNOTES

- ① DEMO GUTTER
- ② EXISTING DOWN SPOUT - TO BE REUSED
- ③ EXISTING ROOF CURB TO REMAIN
- ④ LIGHTNING CABLE OVER SIDE OF WALL TO LOWER ROOF - REMOVE AND REINSTALL
- ⑤ TYPICAL - REMOVE FLASHING AND PARAPET CAP

LEGEND

- INDICATES PAVERS TO BE REMOVED
- INDICATES PAVER WALKING PATHS TO BE REMOVED
- AREA OPEN TO BELOW. CONTRACTOR TO COVER ENTIRE AREA AS TO NOT ALLOW ANY MATERIALS AND/OR TOOLS FALL INTO THE AREA BELOW.
- V.T.R. - VENT THROUGH ROOF - TO REMAIN REMOVE ROOFING MEMBRANE AS NEEDED TO PREP FOR NEW ROOFING MATERIALS.
- L.C.P.P. - LIGHTNING CABLE PROTECTION PENETRATION - TO BE REMOVED AND REINSTALLED WITH NEW CLIPS
- R.T.O. - ROOF TIE OFF - REMOVE FULLY NOT TO BE REINSTALLED. PATCH HOLES IN THE CONCRETE DECK. COORDINATE DEMOLITION WITH OWNER SO MATERIAL DOES NOT FALL INSIDE OF BUILDING.
- W.T.O. - WALL TIE OFF - TO REMAIN
- E.F. - EXHAUST FAN - TO REMAIN - OWNER WILL REMOVE AND REINSTALL AS NEEDED TO ALLOW FOR DEMO OF ROOF MEMBRANE.
- S.A. - SUPPLY AIR (AIR INTAKE) - TO REMAIN - OWNER WILL REMOVE AND REINSTALL AS NEEDED TO ALLOW FOR DEMO OF ROOF MEMBRANE.
- LIGHTNING ROD & CABLES - FIELD VERIFY LOCATIONS. REMOVE AND REINSTALL TO EXISTING LOCATIONS WITH NEW CLIPS
- L.R. - LIGHTNING ROD - FIELD VERIFY QUANTITIES & LOCATIONS. REMOVE AND REINSTALL TO EXISTING LOCATIONS WITH NEW CLIPS.
- R.H. - ROOF HATCH - TO REMAIN

KEY PLAN

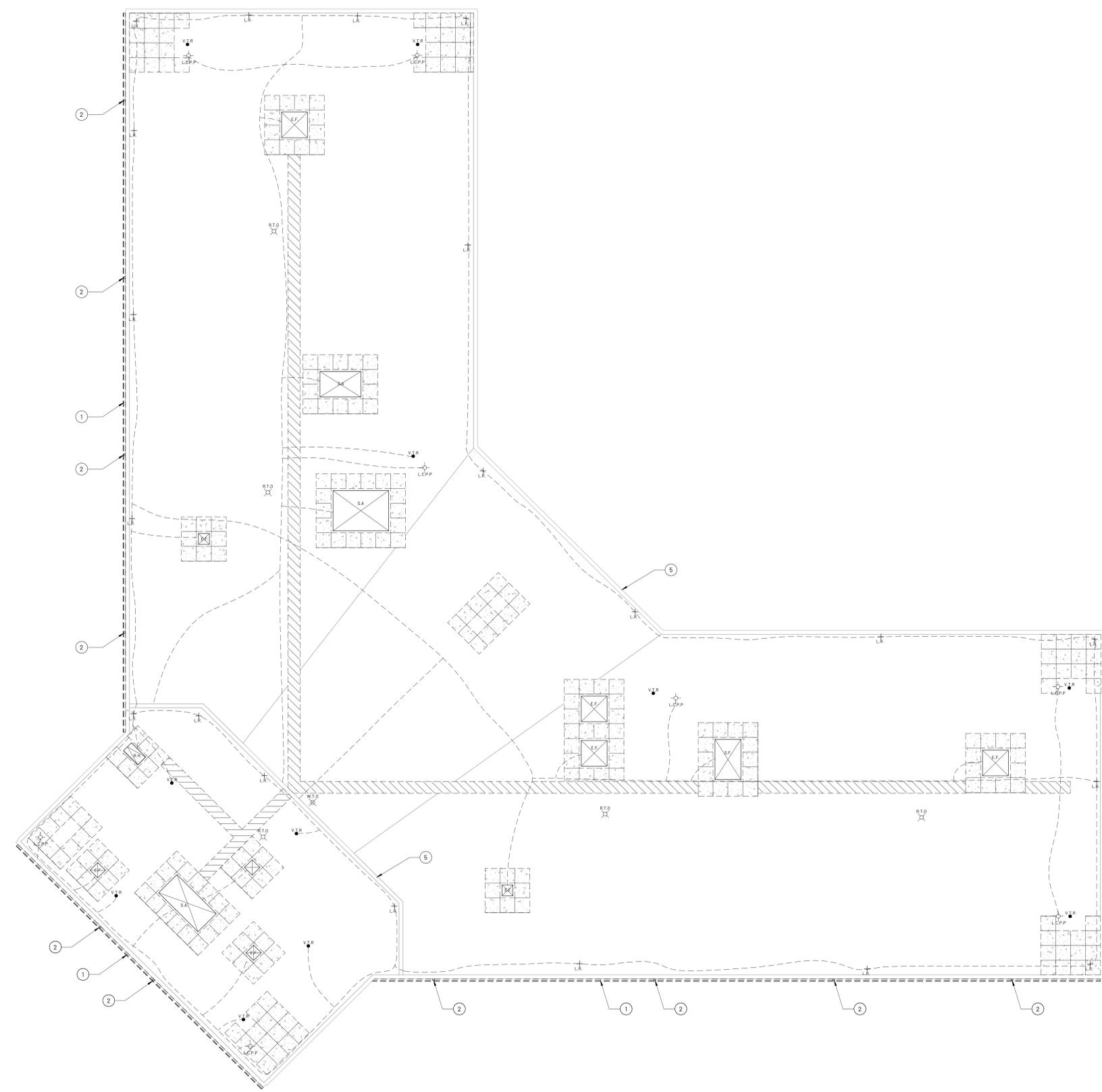


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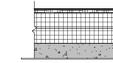
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1 DEMO - BUILDING B & G
1/8" = 1'-0"

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ROOF ASSEMBLIES



ROOF MEMBRANE - FULLY ADHERED
 ROOF COVER BOARD - FULLY ADHERED
 INSULATION, R-30 MIN. - FULLY ADHERED
 EXISTING CONCRETE DECK TO REMAIN

GENERAL NOTES

- A** QUANTITY, SIZE AND LOCATIONS OF ALL MEP ITEMS ARE APPROXIMATE. CONTRACTOR IS TO FIELD VERIFY.
- B** CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
- C** PROVIDE CURBS AND/OR FLASHING TO MAKE ALL PENETRATIONS WEATHER-TIGHT.
- D** PONDING WATER WILL NOT BE ACCEPTED.
- E** ROOF COPING (CAPS), FLASHING AND TRIMS SHALL BE SLOPED A MINIMUM OF 1/2" PER 1'-0" UNLESS NOTED OTHERWISE.
- F** ROOF LAYOUT, TAPERED INSULATION, CRICKETS, ETC ARE DIAGRAMMATIC IN NATURE. FINAL DESIGN AND LAYOUT TO BE COORDINATED WITH ROOFING MANUFACTURER.
- G** MATCH EXISTING GUTTER SIZE AND THICKNESS.
- H** DOWNSPOUT LOCATIONS ARE SHOWN IN APPROXIMATE LOCATIONS. CONTRACTOR IS TO FIELD VERIFY LOCATIONS.

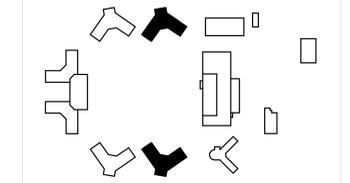
KEYNOTES

- 1 METAL GUTTER - RECONNECT TO EXISTING DOWNSPOUT
- 2 BUILDING LABEL - BUILT WITH WHITE WALKING PAD, VERIFY LETTER ORIENTATION WITH OWNER PRIOR TO INSTALLATION
- 3 ROOF HATCH FALL PROTECTION
- 4 ROOF ACCESS LADDER - REMOVE AND REINSTALL AS NEEDED
- 5 ROOF ACCESS DOOR - DOOR TO REMAIN **SIM 6/A4.00**
- 6 EXISTING DOWNSPOUT TO BE REUSED - FIELD VERIFY LOCATION
- 7 EXPANSION JOINT - LOCATION SHOWN FOR REPRESENTATION ONLY. CONTRACTOR IS TO PROVIDE JOINTS PER MANUFACTURERS REQUIREMENTS.
- 8 EXISTING ROOF CURB TO REMAIN
- 9 LIGHTNING CABLE OVER SIDE OF WALL TO LOWER ROOF
- 10 ROOF ACCESS DOOR - NO WORK REQUIRED.

LEGEND

- WALKING PATH - REMOVE PAVERS WHERE APPLICABLE
- AREA OPEN TO BELOW. CONTRACTOR TO COVER ENTIRE AREA AS TO NOT ALLOW ANY MATERIALS AND/OR TOOLS FALL INTO THE AREA BELOW.
- ROOF CRICKET - SLOPE A MIN OF 1/8" / 1'
- V.T.R. - VENT THROUGH ROOF - TO REMAIN - **1/A4.00**
- L.C.P.P. - LIGHTNING CABLE PROTECTION PENETRATION - INSTALL NEW FLASHING - **5/A4.00**
- W.T.O. - WALL TIE OFF - TO REMAIN
- E.F. - EXHAUST FAN - TO REMAIN - OWNER WILL REMOVE AND REINSTALL AS NEEDED TO ALLOW FOR INSTALLATION OF NEW ROOFING MEMBRANE. **SIM - 6/A4.00**
- S.A. - SUPPLY AIR (AIR INTAKE) - TO REMAIN - OWNER WILL REMOVE AND REINSTALL AS NEEDED TO ALLOW FOR INSTALLATION OF NEW ROOFING MEMBRANE. **SIM - 6/A4.00**
- LIGHTNING ROD CABLES - FIELD VERIFY LOCATIONS. REMOVE AND REINSTALL TO EXISTING LOCATION WITH NEW CLIPS
- L.R. - LIGHTNING ROD - VERIFY LOCATION AND QUANTITY IN FIELD. - **SEE DETAIL 2/A4.00**
- R.H. - EXISTING ROOF HATCH

KEY PLAN

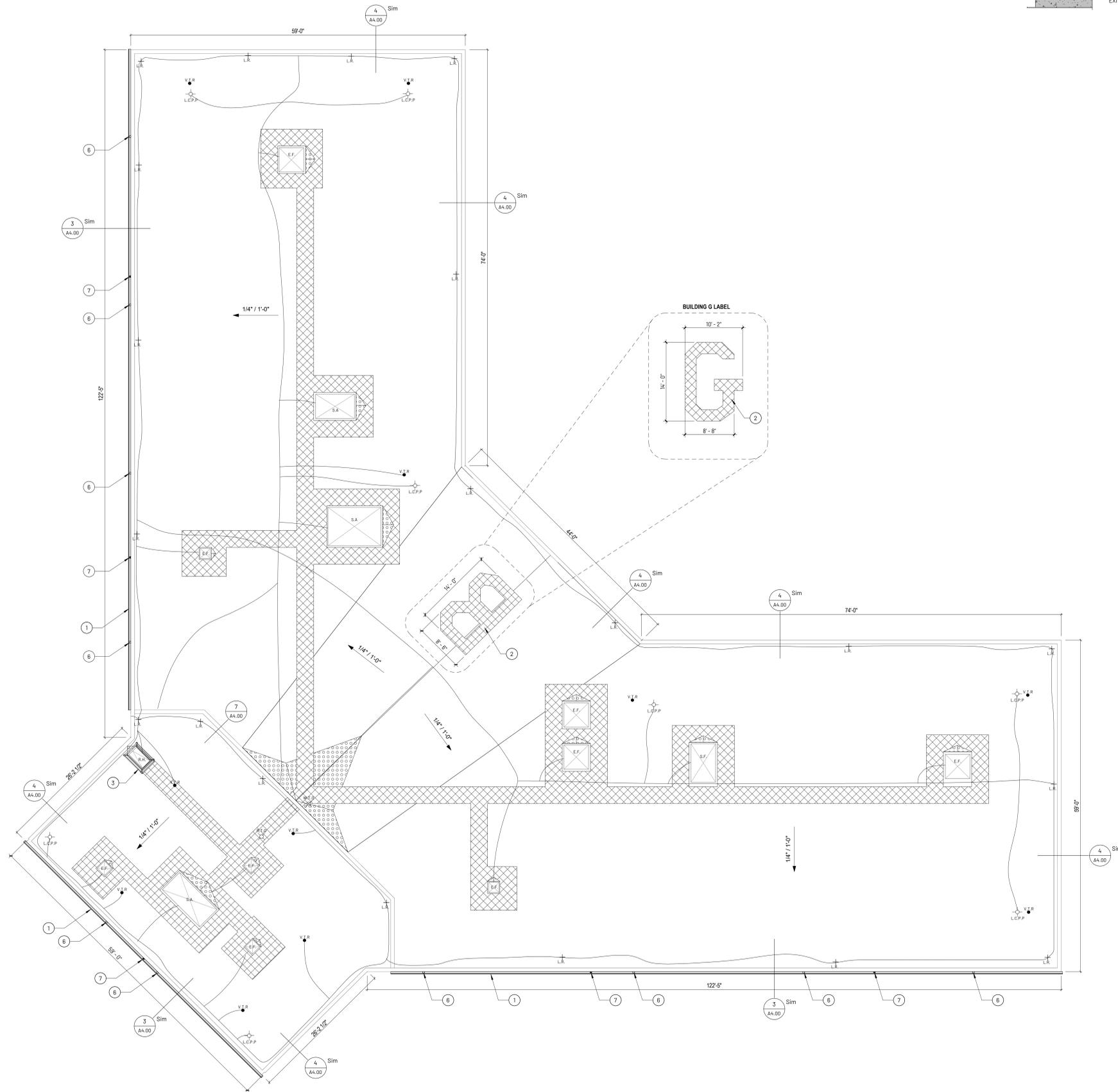


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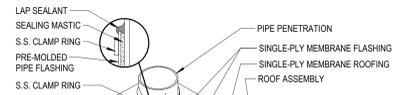
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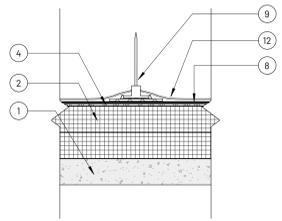
1 ROOF PLAN - BUILDING B & G
 1/8" = 1'-0"

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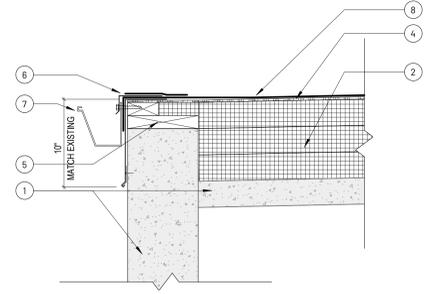


BASE WRAP TO EXTEND MIN. 1" UP VERTICAL SURFACE OF PIPE AND 2" MIN. ONTO FIELD MEMBRANE
UPPER WRAP TO EXTEND 1 1/2" ONTO BASE WRAP AND 8" MIN. UP PIPE AND SEALED INTO A BEAD OF MEMBRANE WATERSTOP WITH A STAINLESS STEEL CLAMPING RING.

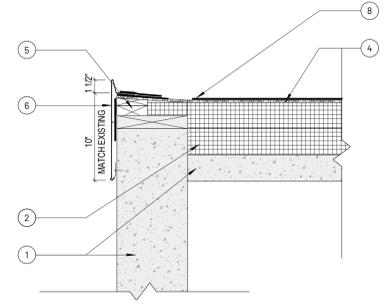
1 ROOF PENETRATION
1 1/2" = 1'-0"



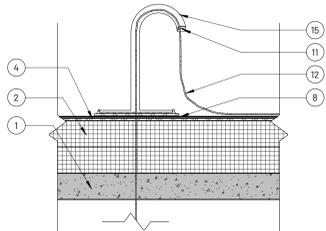
2 LIGHTNING ROOF SPIKE DETAIL
1 1/2" = 1'-0"



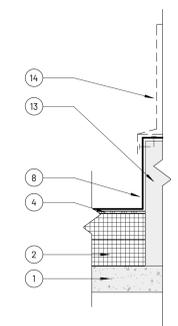
3 GUTTER DETAIL
1 1/2" = 1'-0"



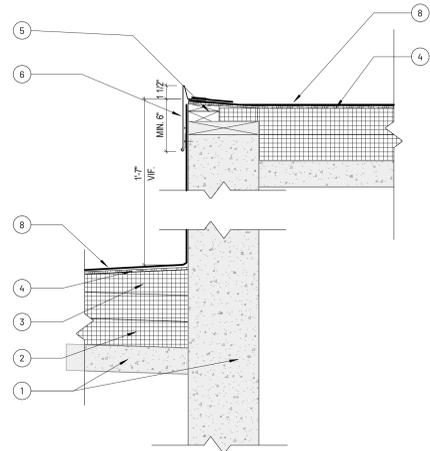
4 FASCIA DETAIL
1 1/2" = 1'-0"



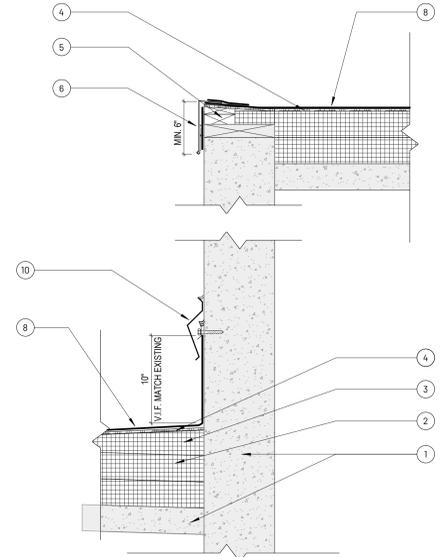
5 CABLE THROUGH ROOF DETAIL
1 1/2" = 1'-0"



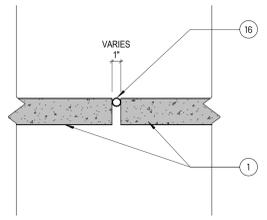
6 TYP. MECH. CURB DETAIL
1 1/2" = 1'-0"



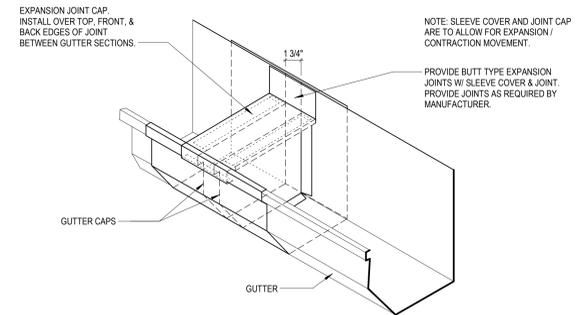
7 STEPPED ROOF DETAIL
1 1/2" = 1'-0"



8 STEPPED ROOF DETAIL
1 1/2" = 1'-0"



9 ALLOWANCE - SEAL ROOF DECK
1 1/2" = 1'-0"



10 GUTTER AND EXPANSION JOINT
1 1/2" = 1'-0"

GENERAL NOTES

- A CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
- B PROVIDE CURBS AND/OR FLASHING TO MAKE ALL PENETRATIONS WEATHER-TIGHT.
- C ROOF COPING (CAPS), FLASHING AND TRIMS SHALL BE SLOPED A MINIMUM OF 1/2" PER 1'-0" UNLESS NOTED OTHERWISE.
- D MATCH EXISTING GUTTER SIZE AND THICKNESS.
- E DETAILS MAY VARY DEPENDING ON MANUFACTURER'S WARRANTY REQUIREMENTS.

KEYNOTES

- 1 EXISTING CONCRETE STRUCTURE
- 2 RIGID INSULATION
- 3 TAPERED RIGID INSULATION
- 4 COVER BOARD
- 5 TREATED BLOCKING
- 6 ALUMINUM FASCIA
- 7 NEW ALUMINUM GUTTER - CONNECT TO EXISTING DOWNSPOUT AT ALL LOCATIONS
- 8 FULLY ADHERED ROOF MEMBRANE
- 9 EXISTING LIGHTNING SPIKE
- 10 TERMINATION BAR & SEALANT
- 11 SEALANT
- 12 EXISTING LIGHTNING GROUND WIRE
- 13 VERIFY EXISTING CURB CONDITIONS
- 14 OWNER TO REMOVE AND REATTACH EXISTING MECHANICAL EQUIPMENT. CONTRACTOR TO COORDINATE WORK WITH OWNER.
- 15 GOOSENECK CABLE FLASHING
- 16 BACKER ROD FILL GAP

REVISIONS

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