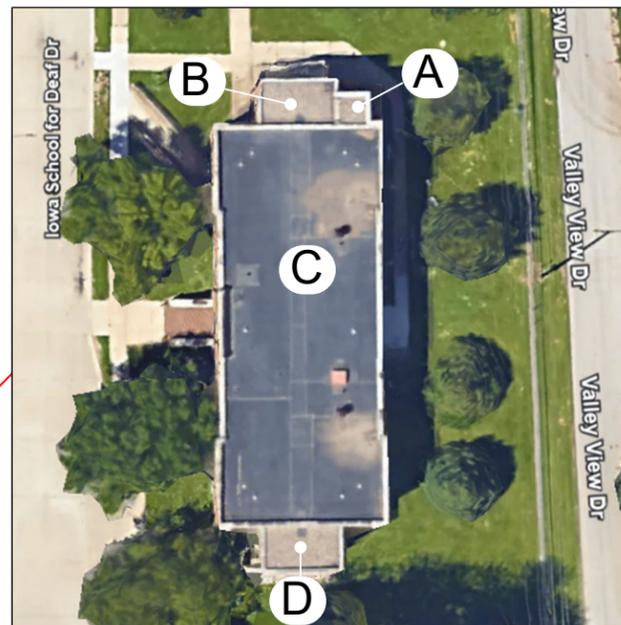
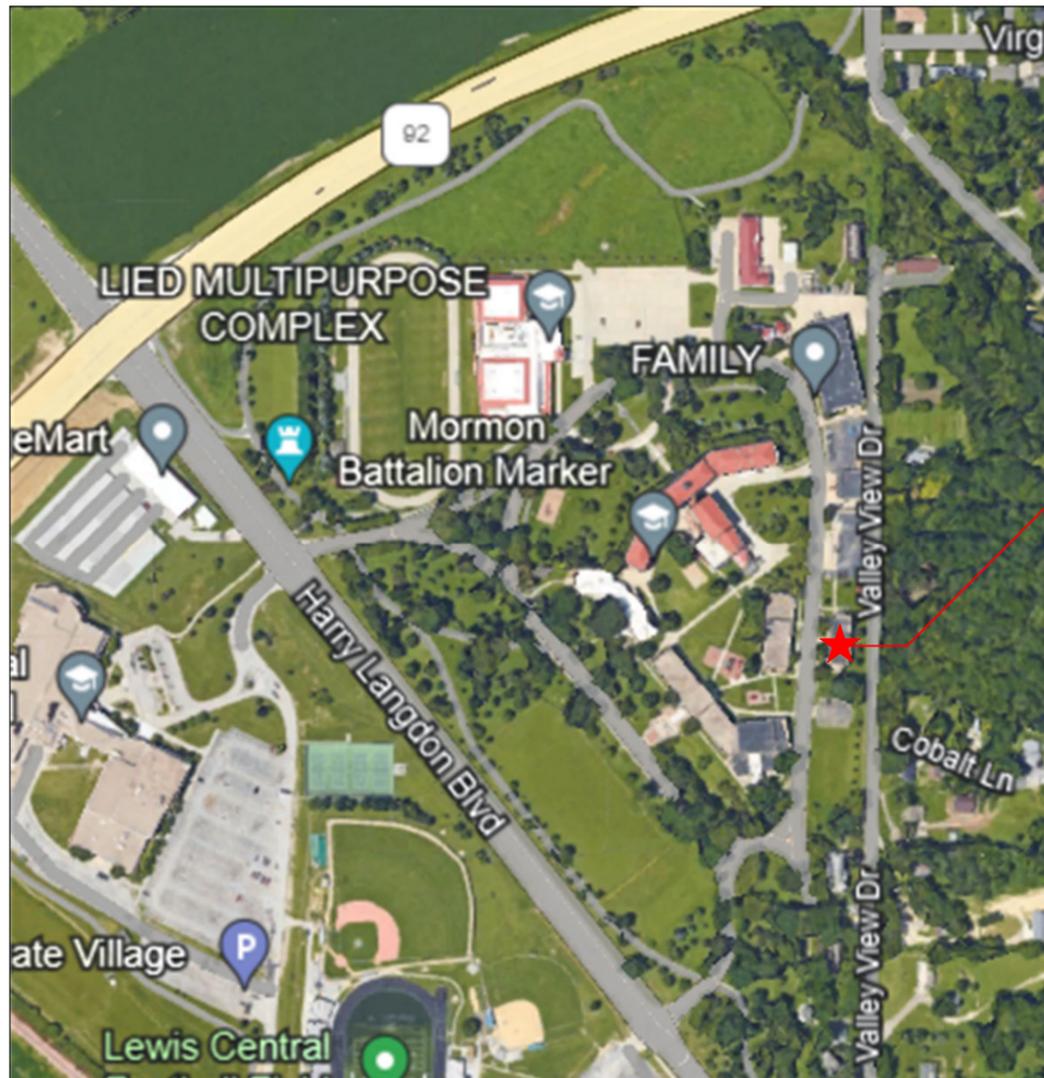


DOE ISD INFIRMARY ROOF REPLACEMENT

3501 Harry Langdon Blvd.
Council Bluffs, IA 51503

DAS Project #9363.00
RFB #936300-01



CONTACT INFORMATION:

Owner:
State of Iowa, Department of Administrative Services
109 SE 13th Street
Des Moines, IA 50319
Contact: Jennie Elliot
515.745.3244.

Client:
Iowa School for the Deaf
3501 Harry Langdon Blvd.
Council Bluffs, IA 51503
Contact: Scott Mauch – Facility Manager
402.677.4534

Construction Manager:
Samuels Group
2929 Westown Parkway, Suite 200
West Des Moines, IA 50266
Contact: Jerry Dehnke
515.661.7142

Design Team:

Confidence Group 645 Daybreak Dr. Waukee, IA 50263 Contact: Garrett Brown 515.979.5173	Modern Design Architects 202 Main St. Janesville, IA 50647 Contact: Kevin McConnell 319.987.2101
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DRAWING INDEX:

- AA COVER PAGE
- A1.0 OVERVIEW & STAGING
- A2.0 PLANS
- A2.1 DETAILS



Project Title:

DOE ISD INFIRMARY ROOF REPLACEMENT

3501 Harry Langdon Blvd.
Council Bluffs, IA 51503

RFB #

936300-01

REVISIONS

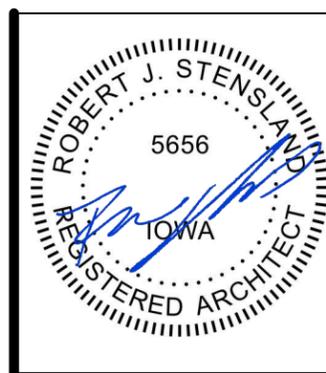
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COVER PAGE

SHEET NO.

AA



I HEREBY CERTIFY THAT THIS PLAN OR TECHNICAL SUBMISSION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA.

ROBERT J. STENSLAND, A.I.A.

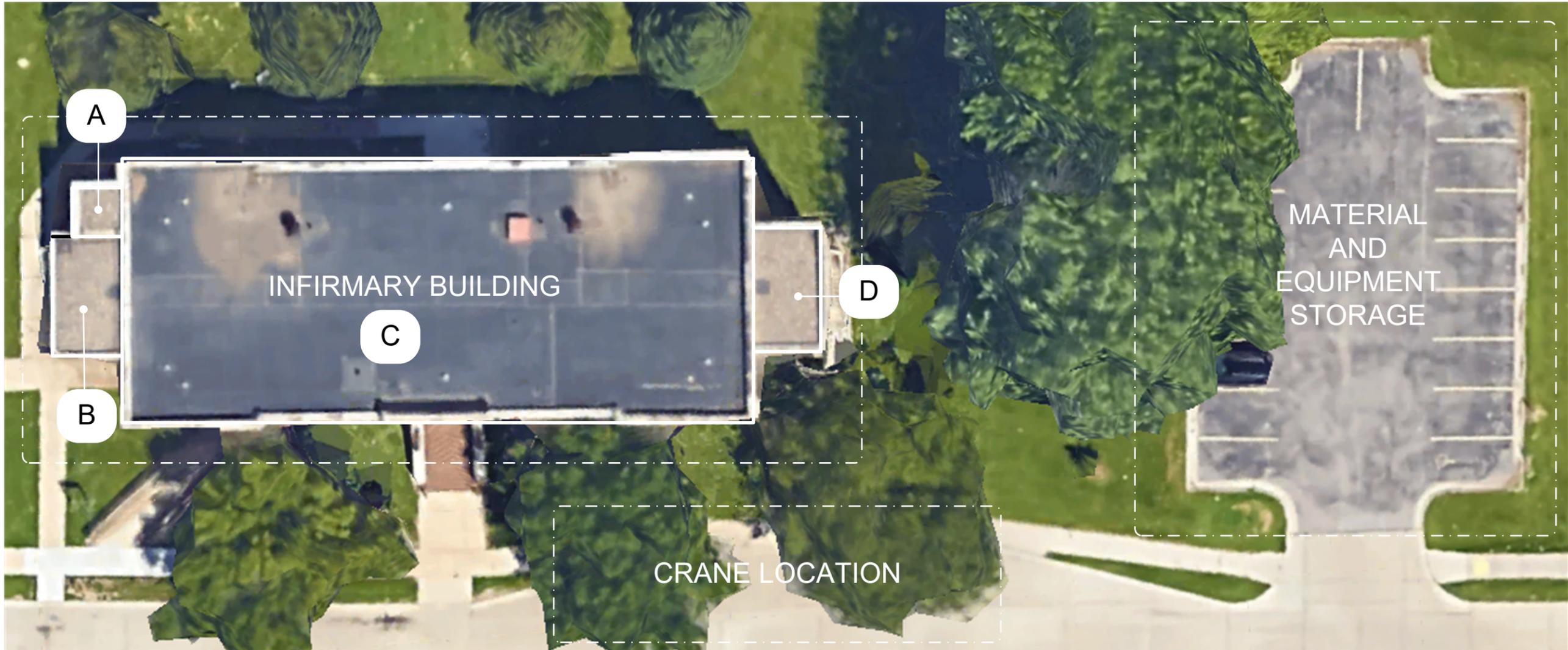
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PAGES OR SHEETS COVERED BY THIS SEAL:
AA, A1.0, A2.0, A2.1 ONLY

DATE: 3-1-24

IOWA REG: 5656





Architect:



Project Title:

DOE ISD INFIRMARY ROOF REPLACEMENT

3501 Harry Langdon Blvd.
Council Bluffs, IA 51503

RFB #

936300-01

REVISIONS

Note	Date

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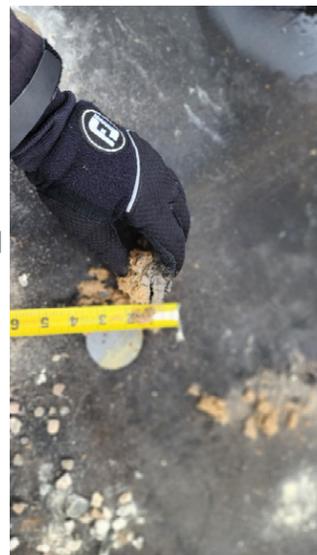
OVERVIEW, STAGING, & CORES

SHEET NO.

A1.0

EXPOSED MEMBRANE AREA

EPDM
Coverboard
Wood Fiber Board
BUR
Concrete Deck



BALLASTED AREAS

Ballast EPDM
Perlite
EPS
BUR
Concrete Deck



GENERAL NOTES

- CONTRACTOR RESPONSIBLE FOR VERIFICATION OF EXISTING ROOF SYSTEM.
- CONTRACTOR RESPONSIBLE FOR REMOVAL OF BALLAST.
- CONTRACTOR RESPONSIBLE FOR REMOVAL OF EXISTING TIRES ANDS TORING IN PARKING LOT SOUTH OF BUILDING. OWNER WILL DISPOSE OF TIRES.
- MATERIAL AND EQUIPMENT STORAGE WILL BE DESIGNATED LOCATION WITH AGREED UPON NUMBER OF PARKING SPOTS.
- LOADING AND UNLOADING OF MATERIALS SHOULD BE PERFORMED FROM WEST SIDE OF BUILDING

Architect:



Project Title:

DOE ISD INFIRMARY ROOF REPLACEMENT

3501 Harry Langdon Blvd.
Council Bluffs, IA 51503

RFB #

936300-01

REVISIONS

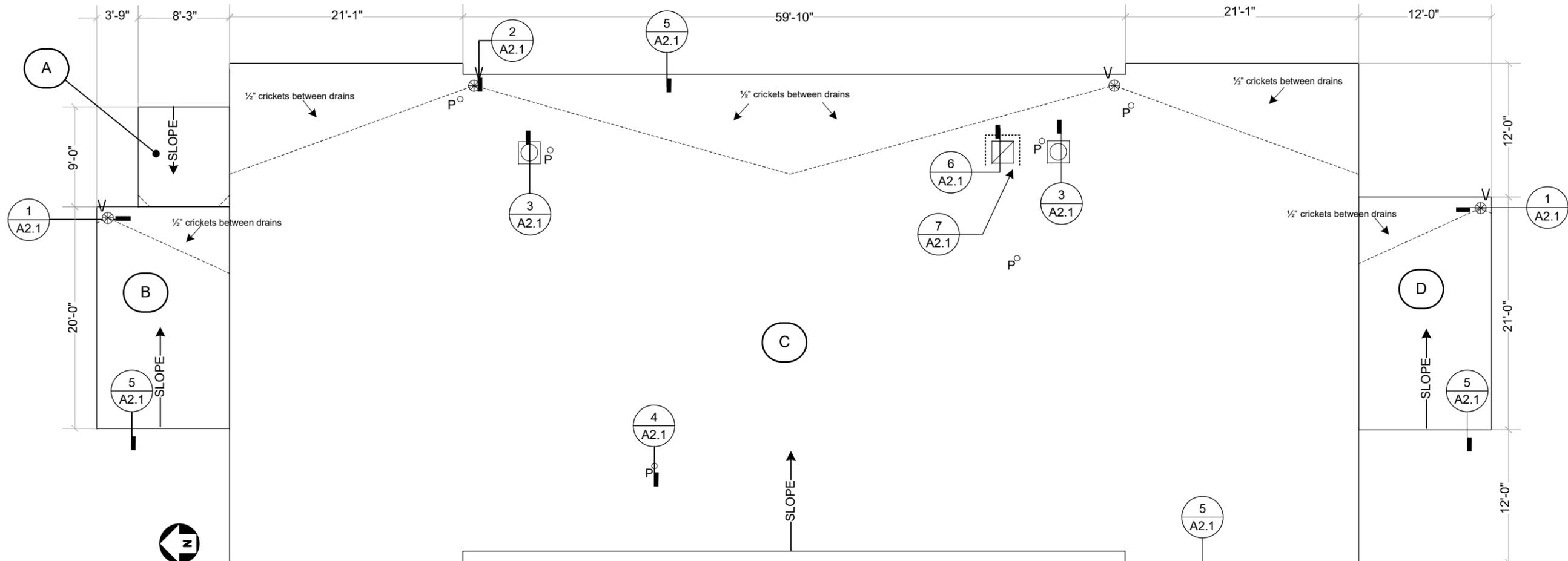
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ROOF PLAN

SHEET NO.

A2.0



INFIRMARY BUILDING

Scale: 1"=10'-0"

GENERAL NOTES

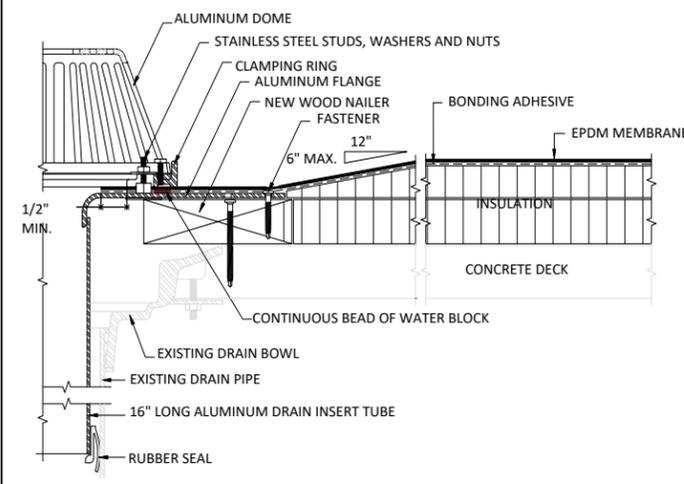
- ROOF PLAN LAYOUT, LOCATION, AND SECTIONS WERE TAKEN FROM EXISTING BUILDING PLANS AND FIELD CONDITIONS. THE CONTRACTOR IS RESPONSIBLE TO CORE THE ROOF. THE CONTRACTOR SHOULD VERIFY ALL CONDITIONS OF THE EXISTING ROOF SYSTEM, INCLUDING INSULATION TYPE(S) AND THICKNESS. FAILURE TO VERIFY CONDITIONS WILL BE AT THE CONTRACTORS EXPENSE.
- NEW ROOFING ASSEMBLY:
FULLY-ADHERED 60 MIL EPDM MEMBRANE
FULLY-ADHERED 1/2" COVER BOARD
FULLY-ADHERED R30 POLYISOCYANURATE INSULATION(2 LAYERS)
CONCRETE DECK
- REMOVE EXISTING ROOF SYSTEM TO THE CONCRETE DECK.
- REMOVE ANY EXISTING SHEET METAL, AND REPLACE WITH NEW.
- REMOVE BALLAST GRAVEL AND DISPOSE; OWNER DOES NOT WANT. CONTRACTOR RESPONSIBLE FOR REMOVAL OF EXISTING TIRES AND STORING IN PARKING LOT SOUTH OF THE BUILDING. OWNER WILL DISPOSE OF TIRES.
- ASBESTOS MATERIAL WAS IDENTIFIED AT THE PARAPET WALL BASE MATERIAL(BLACK). REFERENCE ASBESTOS INSPECTION REPORT FOR ADDITIONAL INFORMATION. ABATEMENT BY OTHERS. CONTRACTOR WILL COORDINATE WITH ABATEMENT CONTRACTOR DURING TIME OF REMOVAL AND INSTALL. INSTALL NEW SEALANT ALONG COPING STONE AND FILL ANY VOIDS IN COPING STONE.
- ALL PARAPET/EXISTING FLASHINGS WILL RECEIVE NEW PLYWOOD TO EXISTING BRICK FOR A CLEAN WORKING SURFACE FOR EPDM. NO LEAD PINS ARE TO BE USED FOR ATTACHMENT INTO BRICK.
- ARROWS ON PLANS INDICATE DIRECTION OF THE SLOPED CONCRETE DECK. TAPERED CRICKETS WILL BE INSTALLED BETWEEN DRAINS FOR ADEQUATE DRAINAGE. CONTRACTOR SHOULD FIELD VERIFY ALL DIMENSIONS OF THE BUILDING AND DRAIN LOCATIONS FOR ACCURATE LAYOUT.
- EXISTING METAL VENTS(2) SHALL BE REMOVED AND STORED FOR THE OWNER AND NEW PREFAB CURB VENT(S) TO BE INSTALLED DURING CONSTRUCTION AND PROPERLY REFASTENED TO PROVIDE WATERTIGHT CONDITIONS.
- RAISE ALL CURBS AND VENTS WHICH DO NOT MEET THE 8" MINIMUM FLASHING HEIGHT REQUIREMENT. INSTALL TAPERED CRICKET ON ABOVE CURBS 24" OR MORE WIDE. CRICKETS SHALL HAVE 1/2" PER FOOT MINIMUM FINISHED SLOPE AWAY FROM CURB AND VALLEYS DIRECTING WATER TO THE SIDES.

- FLASH ALL DRAINS, CURBS, VENTS, AND STACKS AS SHOWN IN PLANS. MANUFACTURER'S STANDARD DETAILS AND RECOMMENDATIONS FOR ANY MISCELLANEOUS DETAILS NOT SHOWN IN PLANS.
- INSTALL NEW RETROFIT DRAINS TO ALL FOUR DRAIN LOCATIONS. NEW MATCHING METAL GRATES FOR ALL DRAINS LOCATIONS IS REQUIRED. PAINTED GRATE COMPONENTS SHOULD MATCH IN COLOR.
- PIPE FLASHING DETAIL SHOULD BE USED FOR ALL PIPE PENETRATIONS LISTED ON PLANS.
- INSTALL NEW WALKWAY PADS AROUND ROOF HATCH, CURBS, AND ROOF TRANSITION AREAS .
- CONTRACT SHALL INCLUDE ANY MODIFICATIONS, MATERIALS, AND/OR IMPROVEMENTS REQUIRED BY THE ROOF SYSTEM MANUFACTURER TO MEET SPECIFIED WARRANTY.
- STORED MATERIALS - DO NOT EXPOSE MATERIALS VULNERABLE TO WATER OR UV DEGRADATION IN QUANTITIES GREATER THAN CAN BE APPLIED DURING THE SAME DAY. FLAMMABLE MATERIALS STORED ON ROOF IS NOT ACCEPTABLE. ONLY FLAMMABLE MATERIALS USED THAT DAY ARE ALLOWED ON ROOF.
- A PORT-A-JOHN IS REQUIRED ON SITE DURING ALL WORK, AS WELL AS A DUMPSTER. BOTH MUST BE KEPT IN A CLEAN TIDY MANNER AND PLACED IN PREAPPROVED LOCATIONS. ONLY THE FOREMAN IS ALLOWED INSIDE THE BUILDING DURING THE PROJECT DURATION.
- ACCESS - THIS IS A SECURE FACILITY AND NO ONE SHOULD ENTER THE FACILITY WITHOUT EXPRESS PERMISSION FROM AN OWNER'S REPRESENTATIVE. CONTRACTOR SHOULD USE A LIFT OR SCAFFOLDING FOR ACCESS TO THE ROOFS.
- PERFORM ALL WORK IN A PROFESSIONAL MANNER AND AS SPECIFIED IN THESE DOCUMENTS. RAIN PRECAUTIONS MUST BE FOLLOWED DAILY. ANY LEAKS ARE THE CONTRACTOR'S RESPONSIBILITY. ANY DAMAGE CAUSED BY LEAKS IS THE CONTRACTOR'S RESPONSIBILITY. CLEAN WORK AREA AND PROPERLY STORE MATERIALS DAILY.
- COORDINATE WORK ACTIVITIES DAILY WITH OWNER DURING COURSE OF THE WORK AND PHASING. OWNER REQUIRES 48 HOURS NOTICE PRIOR TO MOVEMENT OF WORK INTO A DIFFERENT LOCATION WITHIN THE PROPERTY. NOTIFICATION OF WORK MUST BE MADE IN WRITING TO OWNER'S REPRESENTATIVE.
- PROTECT BUILDINGS, ADJACENT BUILDINGS OR STRUCTURES, WALKWAYS, SITE IMPROVEMENTS, LANDSCAPING, EXTERIOR PLANTINGS, VEHICLES, AND OTHER SURFACES FROM SOILING OF OPERATIONS AND CONSTRUCTION DEBRIS AND DUST.
- BEFORE WORKING ON AREAS OF THE WALK WAY THAT CAN PENETRATE TO AREAS BELOW, NOTIFY OWNER A MINIMUM OF 48 HOURS IN ADVANCE IN ORDER TO EVACUATE AREA BENEATH OF SUBSEQUENT OPERATIONS

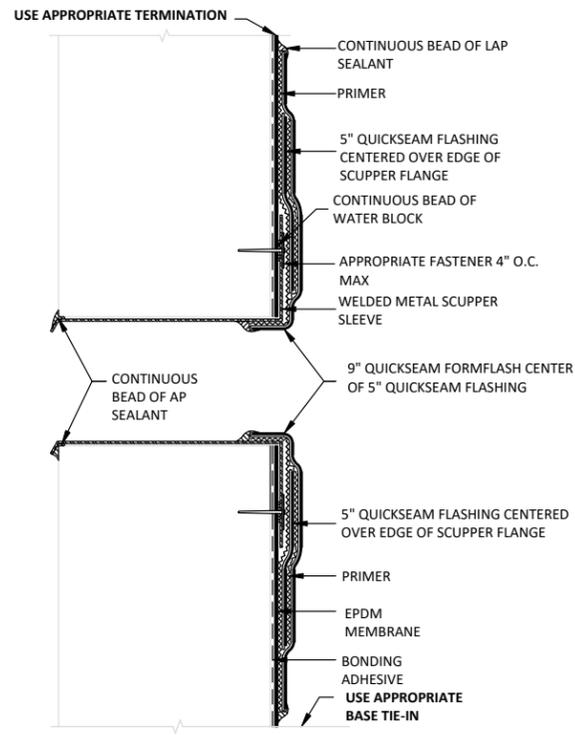
ROOF SYMBOLS:

- CRICKET
- PIPE PENETRATION(5)
- WALKWAY PAD
- ⊗ DRAIN(4)
- ∨ SCUPPER(4)
- ROOF HATCH(1)
- VENT(2)

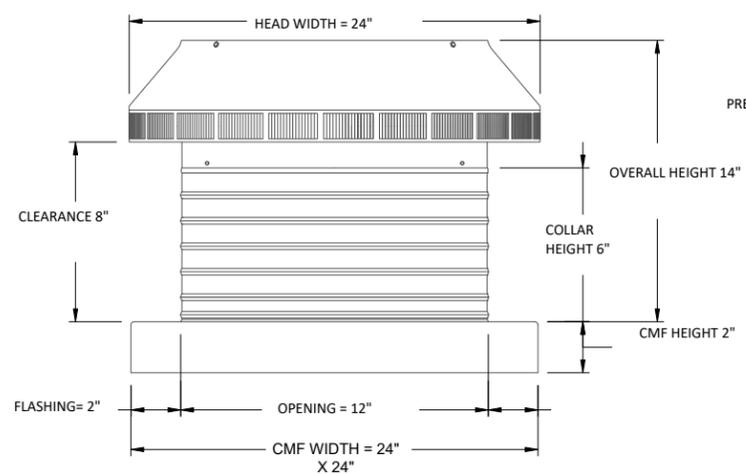
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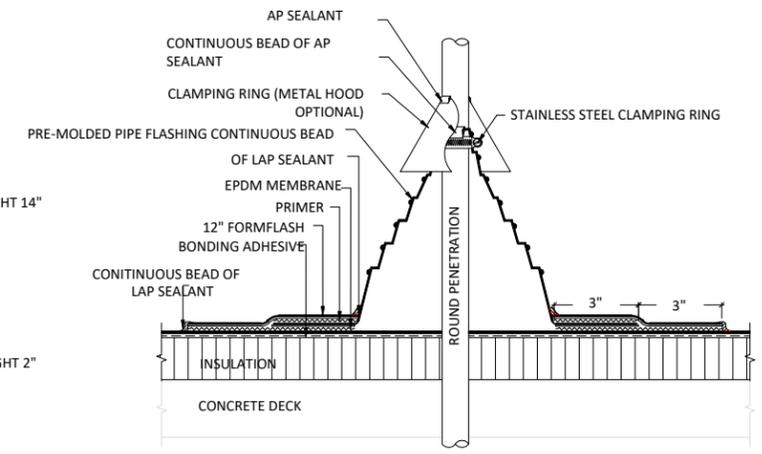
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RETROFIT ROOF DRAIN



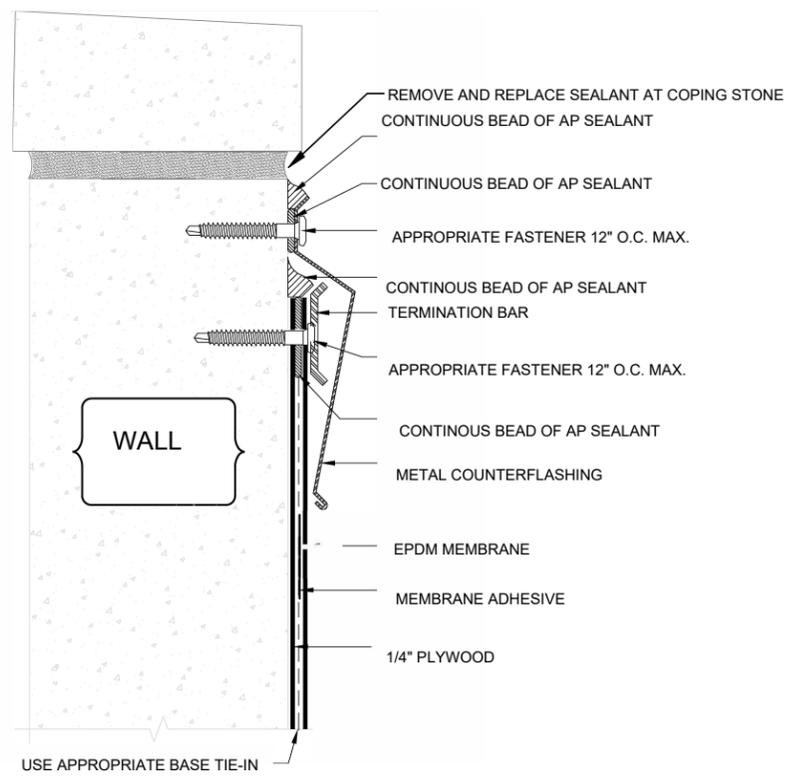
2
A2.1
TYP. THROUGH-WALL SCUPPER



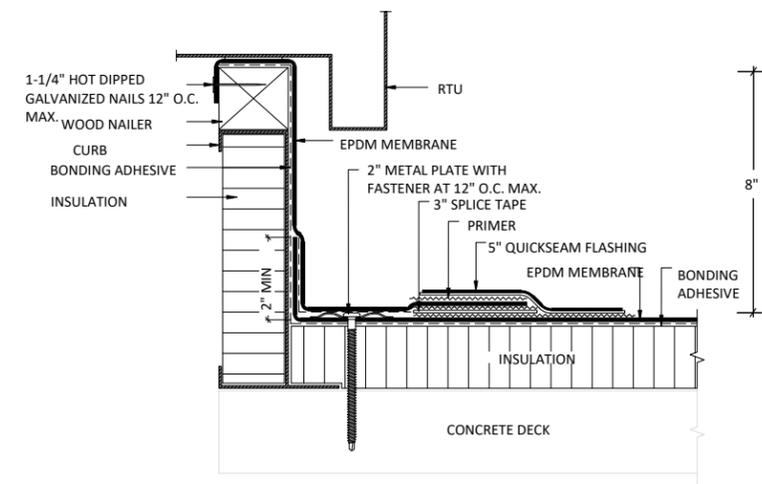
3
A2.1
VENT



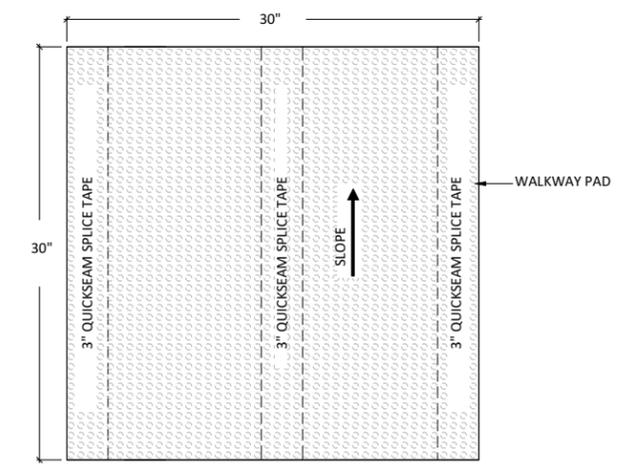
4
A2.1
PIPE PENETRATION



5
A2.1
PARAPET



6
A2.1
CURB



7
A2.1
TYP. WALKWAY PAD