2027 ROOF REPLACEMENT AT THOMAS ELEMENTARY SCHOOL

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

MAYS PROJECT #: DOH43-012-03

CONSTRUCTION DOCUMENTS
09.11.2026

PREPARED FOR:

DUBLIN CITY
SCHOOL DISTRICT
6371 SHIER RINGS ROAD
DUBLIN, OHIO 43017

PREPARED BY:

Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
Delaware, Ohio 43015

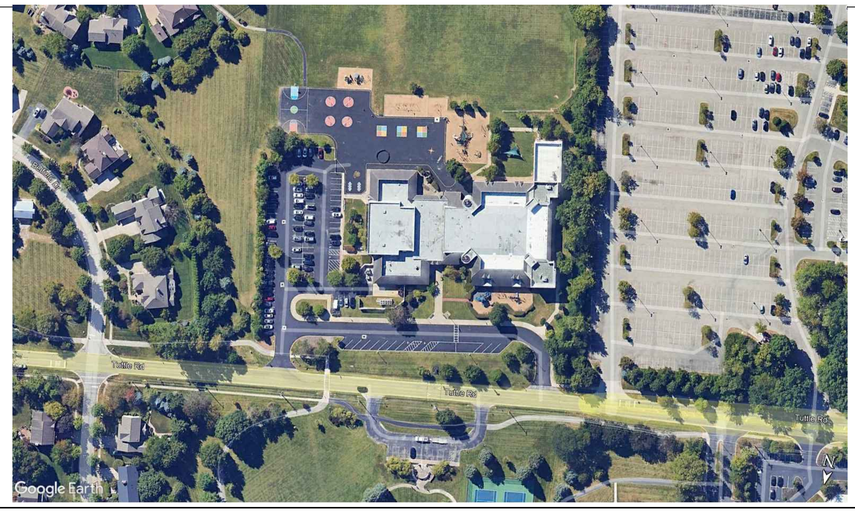
VICINITY MAP



LOCATION MAP



AERIAL IMAGE



SHEET INDEX

TITLE PAGE

S1.0 SITE & STAGING PLAN

A1.0 OVERALL ROOF PLAN
A1.1 PARTIAL ROOF PLAN - BASE BID
A1.2 PARTIAL ROOF PLAN - ALTERNATE #1

A2.0 OVERALL ROOF PLAN - ELEVATION CALLOUTS
A2.1 ELEVATIONS
A2.2 ELEVATIONS
A2.3 ELEVATIONS
A2.4 ELEVATIONS
A2.5 ELEVATIONS

A3.0 WIND UPLIFT PLAN

A4.0 TAPERED INSULATION PLAN
A4.1 TAPERED INSULATION DETAILS

A5.0 DETAILS - THERMOPLASTIC MEMBRANE
A5.1 DETAILS - THERMOPLASTIC MEMBRANE
A5.2 DETAILS - THERMOPLASTIC MEMBRANE
A5.3 DETAILS - THERMOPLASTIC MEMBRANE
A5.4 DETAILS - THERMOPLASTIC MEMBRANE
A5.5 DETAILS - THERMOPLASTIC MEMBRANE
A5.6 DETAILS - THERMOPLASTIC MEMBRANE
A5.7 DETAILS - THERMOPLASTIC MEMBRANE
A5.8 DETAILS - THERMOPLASTIC MEMBRANE
A5.9 DETAILS - THERMOPLASTIC MEMBRANE
A5.10 DETAILS - THERMOPLASTIC MEMBRANE

A6.0 DETAILS - EIFS AND METAL WALL PANELS
A6.1 DETAILS - EIFS AND METAL WALL PANELS

BUILDING CODE DATA

BUILDING CODE: 2024 OHIO BUILDING CODE

WIND LOAD INFORMATION:

Basic Wind Speed: 115 MPH
Ground Surface Roughness: C
Wind Importance Category: III

USE GROUP: E

ENERGY CODE: IECC - 2021

CLIMATE ZONE: 4A

BUILDING ENVELOPE ENERGY PERFORMANCE REQUIREMENTS		
ITEM	REQUIRED VALUE	SPECIFIED VALUE
Roof Insulation (insulation Entirely Above Deck)	R-30.0 ci - Min.	R-30.8 ci
Attic and Other	R-49.0 Min.	N/A,:
Mass Walls	U-0.104 Max.	U-0.099
Metal Framed	R-13.0+R-7.5 ci	Existing Cavity Insulation, + R-7.5 ci - Min.

Notes:

1. The insulation in these areas is on the attic floor and is not being modified as part of this project.
2. These wall systems have existing cavity insulation that is not being modified as part of this project.

ABBREVIATIONS

AI	AIR INTAKE	MAX	MAXIMUM
AT	AIR TERMINAL	MIN	MINIMUM
ABC	ABANDONED CURB	OD	OVERFLOW DRAIN
ABD	ABANDONED	PF	PIPE FLASHING
ABP	ABANDONED PIPE	PP	PITCH POCKET
ANT	ANTENNA MAST	PPC	PIPE PENETRATION CURB
CB	COLLECTOR BOX	PPL	PORTAL PLUS
CC	CAPPED CURB	PSF	POURABLE SEALER FLASHING
CH	CHIMNEY	RC	RAIL CURB
CI	CONTINUOUS INSULATION	RCL	RIGID CONDUIT LINE
CU	CURB	RD	ROOF DRAIN
DA	DAVIT	RH	ROOF HATCH
DC	DOWN CONDUCTOR	RP	ROOFTOP PAD
DO	DRAIN OUTLET	RV	ROOF VENT
DS	DOWNSPOUT	S	SCREENWALL SUPPORT
DU	DUCT	SA	SEALANT POCKET
EB	ELECTRIC BOX	SB	SPLASH BLOCK
EC	ELECTRIC CONDUIT	SC	SECURITY CAMERA
EF	EXHAUST FAN	SD	SATELLITE DISH
EJ	EXPANSION JOINT	SDB	SATELLITE DISH BASE
EQ	EQUAL	SDS	SELF-DRILLING SCREW
ER	ELECTRIC RECEPTACLE	SIM	SIMILAR
EV	EXHAUST VENT	SLP	SLEEPER CURB
EYB	EYE BOLT	STS	SELF-TAPPING SCREW
FRT	FIRE-RETARDANT TREATED	TBR	TO BE REMOVED
GEJ	GUTTER EXPANSION JOINT	TBFD	TO BE FIELD DETERMINED
GLPF	GAS LINE PIPE FLASHING	TRP	LIGHTNING PROTECTION SYSTEM
GN	GOOSENECK		THROUGH ROOF PENETRATION
GU	GUTTER	TWD	THROUGH-WALL DRAIN
HP	HOT PIPE	TWF	THROUGH-WALL FLASHING
LAE	LOUVERED AIR EXHAUST	UNO	UNLESS NOTED OTHERWISE
LAI	LOUVERED AIR INTAKE	VP	SANITARY VENT PIPE
LD	ACCESS LADDER	VS	VENT STACK
LT	LIGHT	WI	WINDOW
LV	LOUVER	WS	WEATHER STATION
MD	MAN DOOR	WV	WALL VENT

LEGEND:

ROOF AREA A#

CODED NOTE #

EXISTING FENCE

SITE PLAN GENERAL NOTES:

1. ALL MATERIAL STORAGE AND STAGING AREAS (INCLUDING DUMPSTER LOCATIONS) MUST HAVE CHAIN LINK FENCE INSTALLED AROUND THEM.
2. MAINTAIN EMERGENCY EGRESS AT ALL EXTERIOR DOORS.
3. ANY ROOF ACCESS LADDERS AND/OR STAIR TOWERS MUST BE REMOVED OR SECURED AND LOCKED WHENEVER THE CONTRACTOR IS OFFSITE.
4. THE ORIGINAL PROJECT DRAWINGS INDICATE THAT THE COMPOSITION OF THE PLAYGROUND PAVING SYSTEM IS 8" COMPACTED AGGREGATE BASE (ODOT 304), 1-1/2" BASE COURSE ASPHALT (ODOT 402), AND 1" SURFACE COURSE ASPHALT (ODOT 404). THE CONTRACTOR IS RESPONSIBLE TO REPAIR ANY ASPHALT DAMAGE. THE OWNER WILL REPAIR ANY DAMAGE TO THE PAINTED SURFACE ON THE ASPHALT.
5. DUMPSTER LOCATIONS WILL BE COORDINATED WITH THE OWNER WHERE REQUIRED AROUND THE BUILDING.

SITE PLAN CODED NOTES:

1. NOT USED
2. MATERIAL STORAGE AND STAGING AREA STARTING JUNE 1, 2027.
3. ACCESS GATE
4. EXISTING FENCE - APPROXIMATE LOCATION



1 / S1.0 SITE AND STAGING PLAN

SCALE: 1" = 40'-0"

NORTH

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:24:14 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4871 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: S1.0
Sheet Name: SITE AND STAGING PLAN

LEGEND:

ROOF AREA — A#

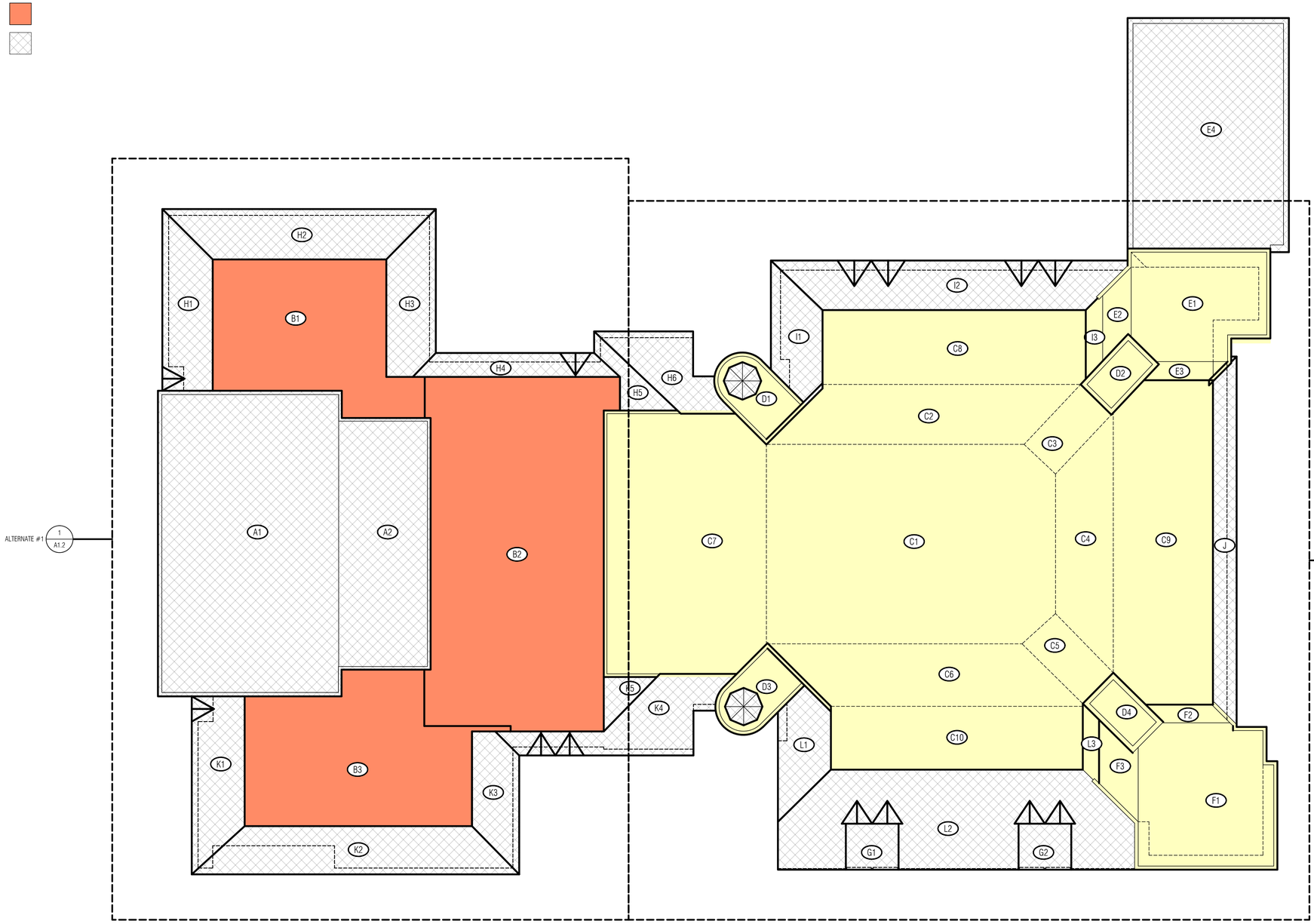
DETAIL INDICATOR — # / A### — DETAIL NUMBER / SHEET NUMBER

EXTERIOR WALL LINE

BASE BID

ALTERNATE #1

AREA OUT OF SCOPE



ALTERNATE #1 — 1 / A1.2

1 / A1.1 BASE BID

OVERALL ROOF PLAN

1 / A1.0

SCALE: 1" = 15'-0"

NORTH

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:25:10 -04'00'

MAYS CONSULTING

Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

Job No.: DOH43-012-03

Scale: AS NOTED

Drawn By: EMD

Sheet No.: A1.0

Sheet Name: OVERALL ROOF PLAN

LEGEND:

ROOF AREA — A#

DETAIL INDICATOR — # (DETAIL NUMBER) / A### (SHEET NUMBER)

CODED NOTE — #

EXTERIOR WALL LINE

GUTTER

EXPANSION JOINT

GAS LINE — GAS

CONDUIT

PERIMETER SECUREMENT

WALKWAY

LIGHTNING PROTECTION

AREA OUT OF SCOPE

ROOF PLAN GENERAL NOTES:

1. IN THE PROJECT DETAILS, THE WOOD BLOCKING IS SHOWN FOR GRAPHICAL PURPOSES. THE ACTUAL NUMBER OF LAYERS OF WOOD BLOCKING WILL VARY DEPENDING ON THE DETAIL LOCATION AND INSULATION THICKNESS. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY AND/OR DETERMINE THE NUMBER OF LAYERS OF WOOD BLOCKING REQUIRED FOR THE PROJECT.
2. THE PROJECT DETAILS SHOW THE DESIGN INTENT. DETAILS ARE NOT PROVIDED FOR EVERY CONDITION OR EVERY VARIATION. THE CONTRACTOR SHALL IN FIELD VERIFY FLASHING LOCATIONS AND PROVIDE A FLASHING DETAIL THAT COMPLIES WITH THE DESIGN INTENT SHOWN ON THE PROJECT DRAWINGS AND SPECIFICATIONS.
3. ALL ROOF DRAIN AND OVERFLOW DRAIN BOWLS, WITHIN ROOF AREAS SPECIFIED TO BE REPLACED, ARE TO BE REPLACED. AT ROOF DRAIN BOWL REPLACEMENT LOCATIONS, PRIOR TO BIDDING THE CONTRACTOR SHALL FIELD VERIFY THE CONDITIONS (I.E. ACCESS, OBSTRUCTIONS, CONFIGURATION, HARD CEILINGS, ETC.) UNDER WHICH THE WORK MUST BE COMPLETED. IF THERE ARE CONDITIONS THAT PROHIBIT THE DRAIN BOWL REPLACEMENT, THE CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONAL WITH AN RFI PRIOR TO BIDDING FOR FURTHER DIRECTION. NO ALLOWANCES FOR CHANGE ORDERS WILL BE PERMITTED AFTER BIDDING FOR FIELD CONDITIONS UNDER WHICH THE WORK MUST BE PERFORMED.
4. RAISE EXISTING VP, EV, EF, AND TRP AS REQUIRED TO ALLOW FOR MINIMUM 8" BASE FLASHING HEIGHT.
5. ANY ELECTRICAL LINE PENETRATIONS THAT UTILIZE A FLEXIBLE CONDUIT AT THE ROOF LEVEL SHALL BE RE-WORKED TO PROVIDE A HARD CONDUIT SO THAT AN 8" BASE FLASHING HEIGHT CAN BE PROVIDED. THE HARD CONDUIT CAN TRANSITION BACK TO A FLEXIBLE CONDUIT ONCE THERE IS SUFFICIENT FLASHING HEIGHT.
6. MODIFY THE EXISTING GAS LINES AT HVAC UNITS TO ACCOMMODATE THE HEIGHT OF THE NEW ROOF SYSTEM.
7. THE EXISTING LIGHTNING ROD LOCATIONS ARE NOT ALL LOCATED ON THE ROOF PLAN. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS. A PORTION OF THE LIGHTNING PROTECTION SYSTEM WAS RECENTLY REPLACED DURING THE SHINGLE ROOF SYSTEM REPLACEMENT. COMPONENTS OF THE RECENTLY REPLACED SYSTEM SHALL BE REMOVED AS NECESSARY TO INSTALL THE NEW ROOF SYSTEM AND BE RE-INSTALLED. OTHER LIGHTNING PROTECTION SYSTEM COMPONENTS, THAT WERE NOT RECENTLY REPLACED, SHALL BE REMOVED AND NEW COMPONENTS INSTALLED. THE EXISTING DOWN CONDUCTORS (AND THE EXISTING SPACING) SHALL BE ASSUMED TO BE ADEQUATE AND SHALL BE RE-USED. AT THE EXISTING THROUGH ROOF PENETRATIONS, THE ABOVE ROOF COMPONENTS (I.E. FLASHING, CONNECTORS, ETC.) SHALL BE REPLACED. THE EXISTING THROUGH ROOF PENETRATION BASE AND DOWN CONDUCTOR SHALL BE RE-USED (UNO). LIGHTNING RODS SHALL NOT BE ATTACHED TO THE COPING CAP.
8. BASE BID AND ALTERNATE #1 INCLUDES THE REMOVAL OF ALL VERTICAL WALL SHEATHING ALONG THE BACK SIDE OF THE STEEP SLOPED ROOF AREAS, AND ROOF AREAS E2, F3, I3, AND L3. THE EXISTING ATTIC FRAMING SHALL BE INSPECTED FOR AREAS OF CORROSION AND PAINTED ON A UNIT PRICE BASIS, AS NECESSARY. THERE IS AN ALLOWANCE FOR THIS WORK. NEW 5/8" FRT PLYWOOD SHALL BE INSTALLED OVER EACH OF THESE AREAS. THIS SHALL INCLUDE THE REMOVAL AND RE-INSTALLATION OF THE EXISTING HIGH SIDE ATTIC VENTILATION SYSTEM INSTALLED ON THE INBOARD FACE OF THE VERTICAL WALLS.
9. ALL WALL FLASHINGS OVER 30" IN HEIGHT SHALL HAVE INTERMEDIATE SECUREMENT INSTALLED 30" O.C. PER DETAIL 6/A5.6.
10. UPON INSTALLATION OF THE NEW ROOF SYSTEM AND REPLACEMENT OF THE ROOF DRAIN BOWLS AND OVERFLOW DRAINS (BUT PRIOR TO THE INSTALLATION OF THE DRAINPIPE INSULATION) ON ROOF AREA E1 AND F1, THE ROOF DRAIN LINE SHALL BE PLUGGED BELOW THE CONNECTION TO THE ROOF DRAIN BOWL AND ROOF DRAINS SHALL BE FLOODED WITH WATER TO A MINIMUM DEPTH OF 2" ABOVE THE ROOF SURFACE FOR A MINIMUM OF 1 HOUR TO VERIFY ALL CONNECTIONS WITHIN THE ROOF DRAIN AND MEMBRANE TIE-IN IS COMPLETELY WATERTIGHT. REPAIR ANY CONNECTIONS IF LEAKS ARE INDENTIFIED.
11. AT ROOF AREAS E1 AND F1, THE ROOF INSULATION AND COVERBOAD SHALL BE EXTENDED TO THE TOP OF THE SLOPED WALL (NOT UP THE VERTICAL PARAPET WALL).

ROOF PLAN CODED NOTES:

1. BASE BID AND ALTERNATE #1 - PROVIDE AND INSTALL NEW ROOF HATCH. THE EXISTING ROOF HATCH MAY BE WELDED TO THE EXISTING FRAMING.
2. BASE BID - CLEAN THE EXISTING ROOF DRAIN LINE FROM THE ROOF LEVEL TO GRADE.
3. ALTERNATE #1 - REMOVE THE EXISTING MAN DOOR TO MECHANICAL ROOM, RAISE THE DOOR SILL 8", AND INSTALL NEW MAN DOOR. NEW MAN DOOR TO MATCH EXISTING AND PROVIDE NEW HARDWARE TO MATCH EXISTING.
4. ALTERNATE #1 - REMOVE THE EXISTING LOUVER, RAISE THE OPENING AND MODIFY THE EXISTING PLENUM, AND INSTALL NEW LOUVER. SEE DETAIL 5/A5.1.
5. BASE BID - RAISE THE EXISTING HVAC UNIT AND EXTEND SERVICE LINES AND DUCT WORK AS NECESSARY TO PROVIDE A CURB HEIGHT OF 12" ABOVE THE NEW ROOF SURFACE (OR APPROXIMATELY 18" ABOVE THE ROOF DECK SURFACE).
6. BASE BID AND ALTERNATE #1 - PROVIDE NEW ROOF ACCESS LADDER PER DETAIL 4/A5.7. PROVIDE 3' x 6' SECTION OF WALKWAY AND THE BOTTOM AND TOP OF THE LADDER PER DETAIL 1/A5.7.
7. BASE BID - RE-ROUTE EXISTING GAS LINE TO EXTEND UP THROUGH THE ROOF APPROXIMATELY 2' FROM THE HVAC CURB.

ROOF SYSTEM COMPOSITIONS

EXISTING	NEW
ROOF AREA B1, B3, C10, D1, AND D3:	***ROOF AREAS B1, B3, C8, C9, C10, D1, AND D3: (SEE DETAIL 1/A5.8 - ROOF ASSEMBLY #1)***
MODIFIED BITUMEN	THERMOPLASTIC ROOF MEMBRANE (A)
1/2" WOOD FIBER	COVERBOARD (A)
1/2" WOOD FIBER	2.5" POLYISOCYANURATE INSULATION (MA)
EPDM ROOF MEMBRANE	FULLY-TAPERED POLYISOCYANURATE INSULATION (LL)
FULLY-TAPERED INSULATION SYSTEM - PERLITE AND POLYISOCYANURATE INSULATION	VAPOR RETARDER (LL)
STEEL ROOF DECK	EXISTING STEEL ROOF DECK
ROOF AREA B2, C1 - C9, D2, AND D4:	***ROOF AREAS B2, C2 - C7, D2, D4, E1, AND F1: (SEE DETAIL 2/A5.8 - ROOF ASSEMBLY #2)***
MODIFIED BITUMEN	THERMOPLASTIC ROOF MEMBRANE (A)
1/2" WOOD FIBER	COVERBOARD (A)
1" WOOD FIBER	2.5" POLYISOCYANURATE INSULATION (MA)
EPDM ROOF MEMBRANE	2.5" POLYISOCYANURATE INSULATION (LL)
2" POLYISOCYANURATE INSULATION	VAPOR RETARDER (LL)
1 1/4" POLYISOCYANURATE INSULATION	EXISTING STEEL ROOF DECK
STEEL ROOF DECK	
ROOF AREA E1 AND F1:	***ROOF AREA C1:***
MODIFIED BITUMEN	THERMOPLASTIC ROOF MEMBRANE (A)
1/4" DENS DECK	COVERBOARD (A)
2" POLYISOCYANURATE INSULATION	2.5" POLYISOCYANURATE INSULATION (MA)
1 1/2" POLYISOCYANURATE INSULATION	1.0" POLYISOCYANURATE INSULATION (LL)
STEEL ROOF DECK	2.5" POLYISOCYANURATE INSULATION (LL)
	VAPOR RETARDER (LL)
	EXISTING STEEL ROOF DECK
ROOF AREA E2, E3, F2, AND F3:	***ROOF AREAS E2, E3, F2, F3, I3, AND L3:***
MODIFIED BITUMEN	THERMOPLASTIC ROOF MEMBRANE - TAN (A)
PLYWOOD ROOF DECK	1/2" COVERBOARD (A)
FIBERGLASS BATT INSULATION	2.0" POLYISOCYANURATE INSULATION (MA)
	1/2" WATER-RESISTANT GYPSUM SUBSTRATE BOARD (LL)
	5/8" FRT PLYWOOD ROOF DECKING
	EXISTING FIBERGLASS BATT INSULATION

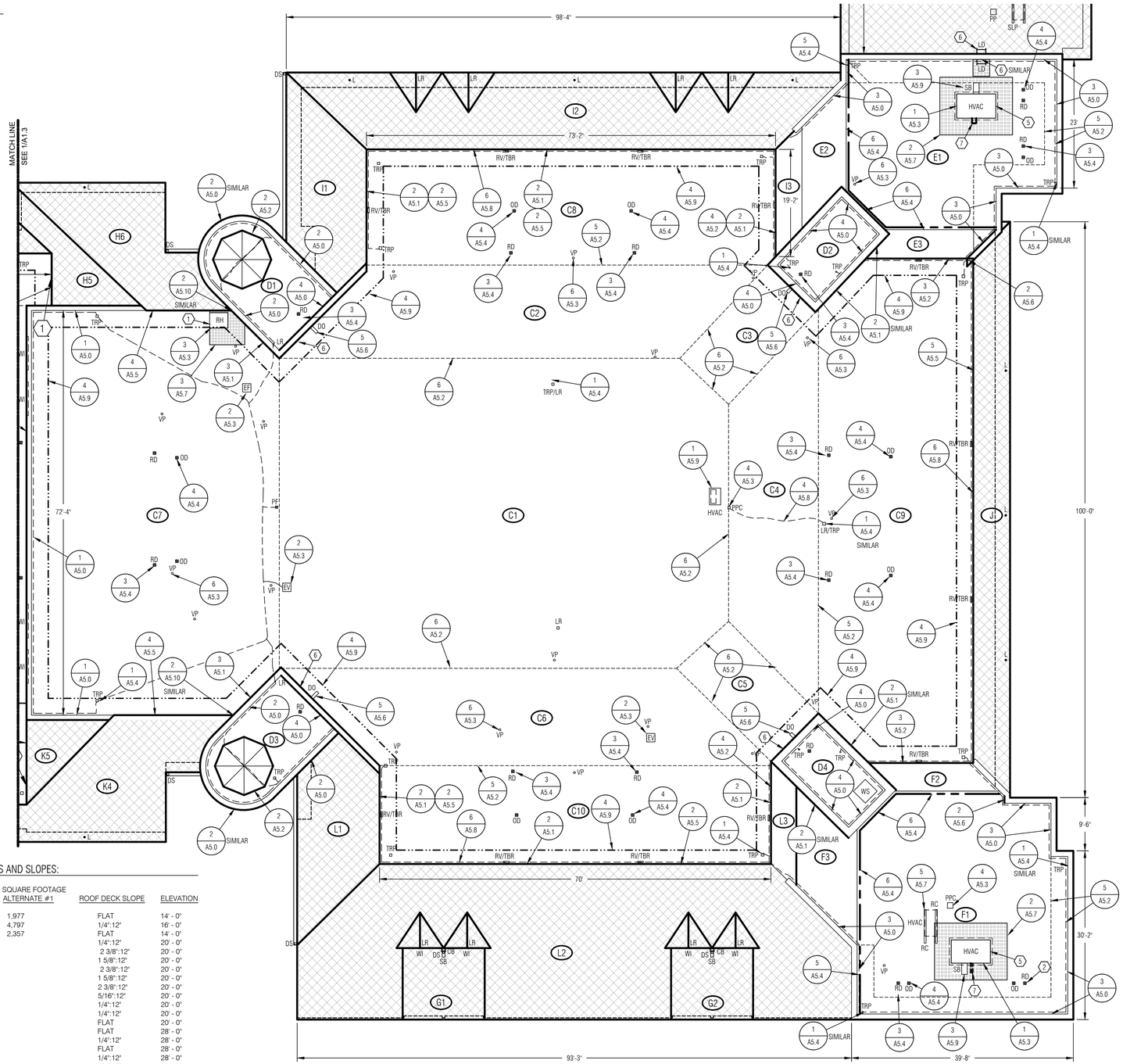
ABBREVIATIONS	
A	ADHERED
LL	LOOSE-LAID
MA	MECHANICALLY ATTACHED
SA	SELF-ADHERING

1

ROOF SYSTEM SQUARE FOOTAGES AND SLOPES:

ROOF AREA	SQUARE FOOTAGE BASE BID	SQUARE FOOTAGE ALTERNATE #1	ROOF DECK SLOPE	ELEVATION
B1	1,977	1,977	FLAT	14' - 0"
B2	4,797	4,797	1/4":12"	16' - 0"
B3	2,357	2,357	FLAT	14' - 0"
C1	4,362		1/4":12"	20' - 0"
C2	1,185		2 3/8":12"	20' - 0"
C3	273		1 5/8":12"	20' - 0"
C4	867		2 3/8":12"	20' - 0"
C5	289		1 5/8":12"	20' - 0"
C6	1,248		2 3/8":12"	20' - 0"
C7	3,134		5/16":12"	20' - 0"
C8	1,512		1/4":12"	20' - 0"
C9	2,437		1/4":12"	20' - 0"
C10	1,231		FLAT	20' - 0"
D1	291		FLAT	28' - 0"
D2	159		1/4":12"	28' - 0"
D3	291		FLAT	28' - 0"
D4	157		1/4":12"	28' - 0"
E1	1,041		1/4":12"	22' - 0"
E2	143		2":12"	22' - 0"
E3	95		2":12"	22' - 0"
F1	1,424		1/8":12"	22' - 0"
F2	92		2":12"	22' - 0"
F3	194		2":12"	22' - 0"
I3	115		8":12"	23' - 10"
L3	103		8":12"	13' - 2"
TOTAL	23,257	9,131		

* SQUARE FOOTAGES & SLOPES ARE APPROXIMATE
* SQUARE FOOTAGES ACCOUNT FOR ROOF SLOPE



1 A1.1

PARTIAL ROOF PLAN - BASE BID

SCALE: 1" = 10'-0"

NORTH

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO — DANIEL A. LAWRENCE E-66503 — REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:25:42 -04'00'

MAYS CONSULTING

Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

Job No.: DOH43-012-03

Scale: AS NOTED

Drawn By: EMD

Sheet No.: A1.1

Sheet Name: PARTIAL ROOF PLAN - BASE BID

LEGEND:

ROOF AREA — A#

DETAIL INDICATOR — # / A### — DETAIL NUMBER / SHEET NUMBER

CODED NOTE — #

EXTERIOR WALL LINE

GUTTER

EXPANSION JOINT

GAS LINE — GAS GAS GAS

CONDUIT

PERIMETER SECUREMENT

WALKWAY

LIGHTNING PROTECTION

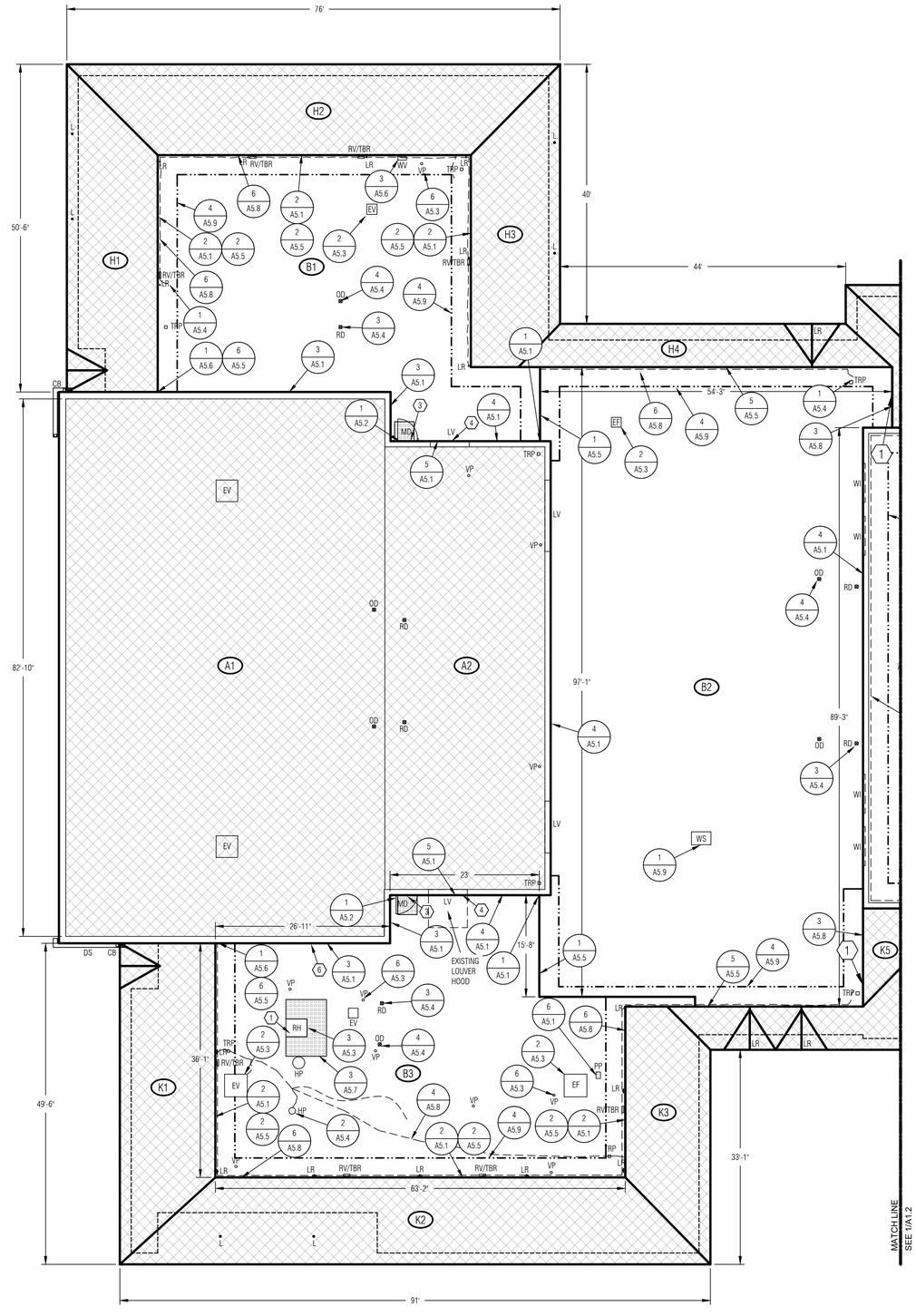
AREA OUT OF SCOPE

ROOF PLAN CODED NOTES:

1. BASE BID AND ALTERNATE #1 - PROVIDE AND INSTALL NEW ROOF HATCH. THE EXISTING ROOF HATCH MAY BE WELDED TO THE EXISTING FRAMING.
2. BASE BID - CLEAN THE EXISTING ROOF DRAIN LINE FROM THE ROOF LEVEL TO GRADE.
3. ALTERNATE #1 - REMOVE THE EXISTING MAN DOOR TO MECHANICAL ROOM, RAISE THE DOOR SILL 8", AND INSTALL NEW MAN DOOR. NEW MAN DOOR TO MATCH EXISTING AND PROVIDE NEW HARDWARE TO MATCH EXISTING.
4. ALTERNATE #1 - REMOVE THE EXISTING LOUVER, RAISE THE OPENING AND MODIFY THE EXISTING PLENUM, AND INSTALL NEW LOUVER. SEE DETAIL 5/A5.1.
5. BASE BID - RAISE THE EXISTING HVAC UNIT AND EXTEND SERVICE LINES AND DUCT WORK AS NECESSARY TO PROVIDE A CURB HEIGHT OF 12" ABOVE THE NEW ROOF SURFACE (OR APPROXIMATELY 18" ABOVE THE ROOF DECK SURFACE).
6. BASE BID AND ALTERNATE #1 - PROVIDE NEW ROOF ACCESS LADDER PER DETAIL 4/A5.7. PROVIDE 3' x 6' SECTION OF WALKWAY AND THE BOTTOM AND TOP OF THE LADDER PER DETAIL 1/A5.7.
7. BASE BID - RE-ROUTE EXISTING GAS LINE TO EXTEND UP THROUGH THE ROOF APPROXIMATELY 2' FROM THE HVAC CURB.

ROOF PLAN GENERAL NOTES:

1. IN THE PROJECT DETAILS, THE WOOD BLOCKING IS SHOWN FOR GRAPHICAL PURPOSES. THE ACTUAL NUMBER OF LAYERS OF WOOD BLOCKING WILL VARY DEPENDING ON THE DETAIL LOCATION AND INSULATION THICKNESS. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY AND/OR DETERMINE THE NUMBER OF LAYERS OF WOOD BLOCKING REQUIRED FOR THE PROJECT.
2. THE PROJECT DETAILS SHOW THE DESIGN INTENT. DETAILS ARE NOT PROVIDED FOR EVERY CONDITION OR EVERY VARIATION. THE CONTRACTOR SHALL IN FIELD VERIFY FLASHING LOCATIONS AND PROVIDE A FLASHING DETAIL THAT COMPLIES WITH THE DESIGN INTENT SHOWN ON THE PROJECT DRAWINGS AND SPECIFICATIONS.
3. ALL ROOF DRAIN AND OVERFLOW DRAIN BOWLS, WITHIN ROOF AREAS SPECIFIED TO BE REPLACED, ARE TO BE REPLACED. AT ROOF DRAIN BOWL REPLACEMENT LOCATIONS, PRIOR TO BIDDING THE CONTRACTOR SHALL FIELD VERIFY THE CONDITIONS (I.E. ACCESS, OBSTRUCTIONS, CONFIGURATION, HARD CEILINGS, ETC.) UNDER WHICH THE WORK MUST BE COMPLETED. IF THERE ARE CONDITIONS THAT PROHIBIT THE DRAIN BOWL REPLACEMENT, THE CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONAL WITH AN RFI PRIOR TO BIDDING FOR FURTHER DIRECTION. NO ALLOWANCES FOR CHANGE ORDERS WILL BE PERMITTED AFTER BIDDING FOR FIELD CONDITIONS UNDER WHICH THE WORK MUST BE PERFORMED.
4. RAISE EXISTING VP, EV, EF, AND TRP AS REQUIRED TO ALLOW FOR MINIMUM 8" BASE FLASHING HEIGHT.
5. ANY ELECTRICAL LINE PENETRATIONS THAT UTILIZE A FLEXIBLE CONDUIT AT THE ROOF LEVEL SHALL BE RE-WORKED TO PROVIDE A HARD CONDUIT SO THAT AN 8" BASE FLASHING HEIGHT CAN BE PROVIDED. THE HARD CONDUIT CAN TRANSITION BACK TO A FLEXIBLE CONDUIT ONCE THERE IS SUFFICIENT FLASHING HEIGHT.
6. MODIFY THE EXISTING GAS LINES AT HVAC UNITS TO ACCOMMODATE THE HEIGHT OF THE NEW ROOF SYSTEM.
7. THE EXISTING LIGHTNING ROD LOCATIONS ARE NOT ALL LOCATED ON THE ROOF PLAN, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS. A PORTION OF THE LIGHTNING PROTECTION SYSTEM WAS RECENTLY REPLACED DURING THE SHINGLE ROOF SYSTEM REPLACEMENT. COMPONENTS OF THE RECENTLY REPLACED SYSTEM SHALL BE REMOVED AS NECESSARY TO INSTALL THE NEW ROOF SYSTEM AND BE RE-INSTALLED. OTHER LIGHTNING PROTECTION SYSTEM COMPONENTS, THAT WERE NOT RECENTLY REPLACED, SHALL BE REMOVED AND NEW COMPONENTS INSTALLED. THE EXISTING DOWN CONDUCTORS (AND THE EXISTING SPACING) SHALL BE ASSUMED TO BE ADEQUATE AND SHALL BE RE-USED. AT THE EXISTING THROUGH ROOF PENETRATIONS, THE ABOVE ROOF COMPONENTS (I.E. FLASHING, CONNECTORS, ETC.) SHALL BE REPLACED. THE EXISTING THROUGH ROOF PENETRATION BASE AND DOWN CONDUCTOR SHALL BE RE-USED (UNO). LIGHTNING RODS SHALL NOT BE ATTACHED TO THE COPING CAP.
8. BASE BID AND ALTERNATE #1 INCLUDES THE REMOVAL OF ALL VERTICAL WALL SHEATHING ALONG THE BACK SIDE OF THE STEEP SLOPED ROOF AREAS, AND ROOF AREAS E2, F3, I3, AND L3. THE EXISTING ATTIC FRAMING SHALL BE INSPECTED FOR AREAS OF CORROSION AND PAINTED ON A UNIT PRICE BASIS, AS NECESSARY. THERE IS AN ALLOWANCE FOR THIS WORK. NEW 5/8" FRT PLYWOOD SHALL BE INSTALLED OVER EACH OF THESE AREAS. THIS SHALL INCLUDE THE REMOVAL AND RE-INSTALLATION OF THE EXISTING HIGH SIDE ATTIC VENTILATION SYSTEM INSTALLED ON THE INBOARD FACE OF THE VERTICAL WALLS.
9. ALL WALL FLASHINGS OVER 30" IN HEIGHT SHALL HAVE INTERMEDIATE SECUREMENT INSTALLED 30" O.C. PER DETAIL 6/A5.6.
10. UPON INSTALLATION OF THE NEW ROOF SYSTEM AND REPLACEMENT OF THE ROOF DRAIN BOWLS AND OVERFLOW DRAINS (BUT PRIOR TO THE INSTALLATION OF THE DRAINPIPE INSULATION) ON ROOF AREA E1 AND F1, THE ROOF DRAIN LINE SHALL BE PLUGGED BELOW THE CONNECTION TO THE ROOF DRAIN BOWL AND ROOF DRAINS SHALL BE FLOODED WITH WATER TO A MINIMUM DEPTH OF 2" ABOVE THE ROOF SURFACE FOR A MINIMUM OF 1 HOUR TO VERIFY ALL CONNECTIONS WITHIN THE ROOF DRAIN AND MEMBRANE TIE-IN IS COMPLETELY WATERTIGHT. REPAIR ANY CONNECTIONS IF LEAKS ARE INDENTIFIED.
11. AT ROOF AREAS E1 AND F1, THE ROOF INSULATION AND COVERBOAD SHALL BE EXTENDED TO THE TOP OF THE SLOPED WALL (NOT UP THE VERTICAL PARAPET WALL).



ROOF SYSTEM SQUARE FOOTAGES AND SLOPES:

ROOF AREA	SQUARE FOOTAGE BASE BID	SQUARE FOOTAGE ALTERNATE #1	ROOF DECK SLOPE	ELEVATION
B1	1,977	1,977	FLAT	14' - 0"
B2	4,797	4,797	1/4":12"	16' - 0"
B3	2,357	2,357	FLAT	14' - 0"
C1	4,362		1/4":12"	20' - 0"
C2	1,185		2 3/8":12"	20' - 0"
C3	273		1 5/8":12"	20' - 0"
C4	867		2 3/8":12"	20' - 0"
C5	289		1 5/8":12"	20' - 0"
C6	1,248		2 3/8":12"	20' - 0"
C7	3,134		5/16":12"	20' - 0"
C8	1,512		1/4":12"	20' - 0"
C9	2,437		1/4":12"	20' - 0"
C10	1,231		FLAT	20' - 0"
D1	291		FLAT	28' - 0"
D2	159		1/4":12"	28' - 0"
D3	291		FLAT	28' - 0"
D4	157		1/4":12"	28' - 0"
E1	1,041		1/4":12"	22' - 0"
E2	143		2":12"	22' - 0"
E3	95		2":12"	22' - 0"
F1	1,424		1/8":12"	22' - 0"
F2	92		2":12"	22' - 0"
F3	194		2":12"	22' - 0"
I3	115		8":12"	23' - 10"
L3	103		8":12"	13' - 2"
TOTAL	23,257	9,131		

* SQUARE FOOTAGES & SLOPES ARE APPROXIMATE
* SQUARE FOOTAGES ACCOUNT FOR ROOF SLOPE

ROOF SYSTEM COMPOSITIONS

EXISTING	NEW
ROOF AREA B1, B3, C10, D1, AND D3: MODIFIED BITUMEN 1/2" WOOD FIBER 1/2" WOOD FIBER EPDM ROOF MEMBRANE FULLY-TAPERED INSULATION SYSTEM - PERLITE AND POLYISOCYANURATE INSULATION STEEL ROOF DECK	***ROOF AREAS B1, B3, C8, C9, C10, D1, AND D3: (SEE DETAIL 1/A5.8 - ROOF ASSEMBLY #1)*** THERMOPLASTIC ROOF MEMBRANE (A) COVERBOARD (A) 2.5" POLYISOCYANURATE INSULATION (MA) FULLY-TAPERED POLYISOCYANURATE INSULATION (LL) VAPOR RETARDER (LL) EXISTING STEEL ROOF DECK
ROOF AREA B2, C1 - C9, D2, AND D4: MODIFIED BITUMEN 1/2" WOOD FIBER 1" WOOD FIBER EPDM ROOF MEMBRANE 2" POLYISOCYANURATE INSULATION 1 1/4" POLYISOCYANURATE INSULATION STEEL ROOF DECK	***ROOF AREAS B2, C2 - C7, D2, D4, E1, AND F1: (SEE DETAIL 2/A5.8 - ROOF ASSEMBLY #2)*** THERMOPLASTIC ROOF MEMBRANE (A) COVERBOARD (A) 2.5" POLYISOCYANURATE INSULATION (MA) 2.5" POLYISOCYANURATE INSULATION (LL) VAPOR RETARDER (LL) EXISTING STEEL ROOF DECK
ROOF AREA E1 AND F1: MODIFIED BITUMEN 1/4" DENS DECK 2" POLYISOCYANURATE INSULATION 1 1/2" POLYISOCYANURATE INSULATION STEEL ROOF DECK	***ROOF AREA C1:*** THERMOPLASTIC ROOF MEMBRANE (A) COVERBOARD (A) 2.5" POLYISOCYANURATE INSULATION (MA) 1.0" POLYISOCYANURATE INSULATION (LL) 2.5" POLYISOCYANURATE INSULATION (LL) VAPOR RETARDER (LL) EXISTING STEEL ROOF DECK
ROOF AREA E2, E3, F2, AND F3: MODIFIED BITUMEN PLYWOOD ROOF DECK FIBERGLASS BATT INSULATION	***ROOF AREAS E2, E3, F2, F3, I3, AND L3:*** THERMOPLASTIC ROOF MEMBRANE - TAN (A) 1/2" COVERBOARD (A) 2.0" POLYISOCYANURATE INSULATION (MA) 1/2" WATER-RESISTANT GYPSUM SUBSTRATE BOARD (LL) 5/8" FRT PLYWOOD ROOF DECKING EXISTING FIBERGLASS BATT INSULATION

ABBREVIATIONS	
A	ADHERED
LL	LOOSE-LAID
MA	MECHANICALLY ATTACHED
SA	SELF-ADHERING

1

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO — DANIEL A. LAWRENCE E-66503 — REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:26:14 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:
2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY
DUBLIN CITY SCHOOL DISTRICT
THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A1.2
Sheet Name: PARTIAL ROOF PLAN - ALTERNATE #1

1 / A1.2

PARTIAL ROOF PLAN - ALTERNATE #1

SCALE: 1" = 10'-0"

NORTH

LEGEND:

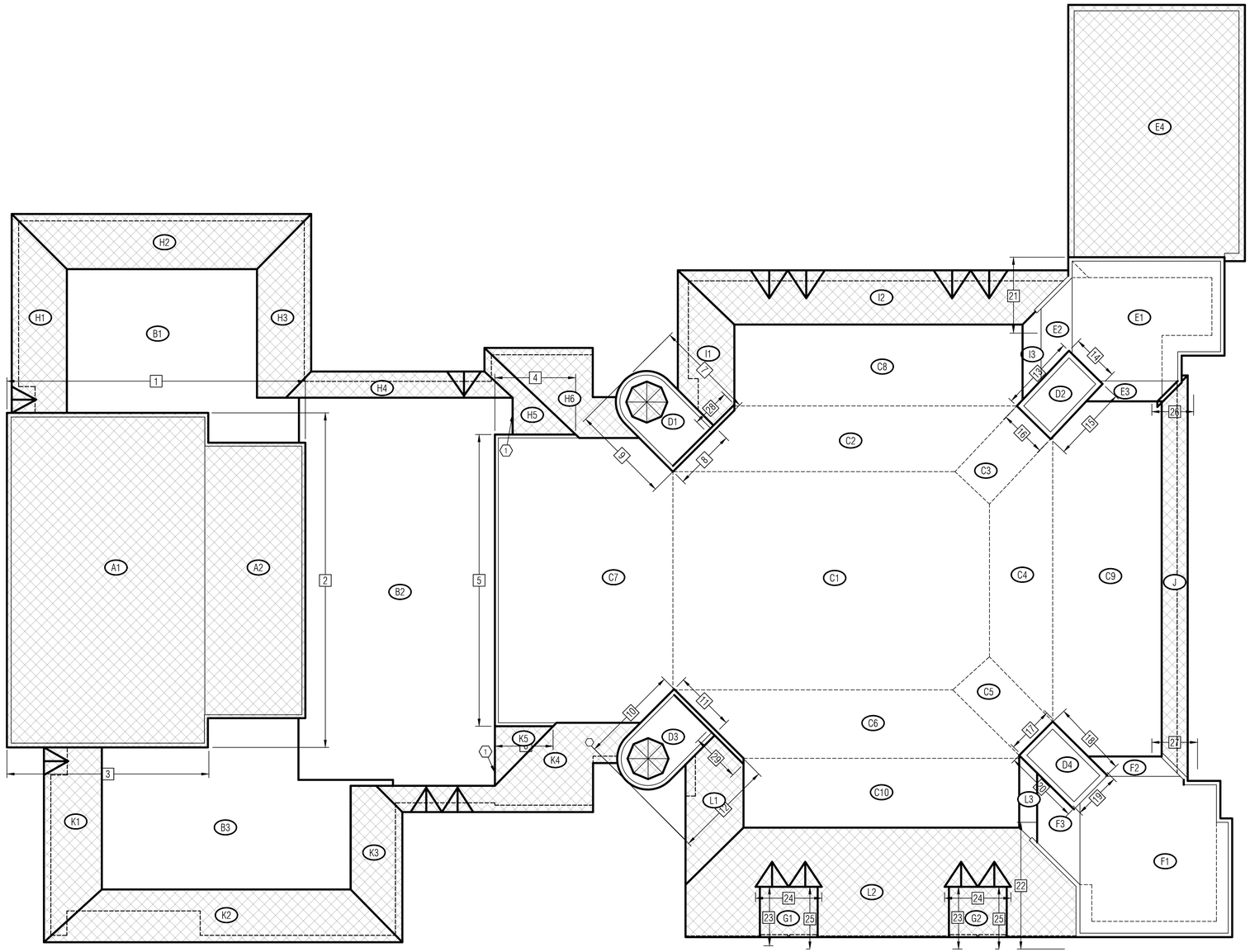
ROOF AREA A#

ELEVATION AREA INDICATOR #

DETAIL INDICATOR # / A### — DETAIL NUMBER / SHEET NUMBER

EXTERIOR WALL LINE ----------

AREA OUT OF SCOPE



1 / A2.0

OVERALL ROOF PLAN - ELEVATION CALLOUTS

SCALE: 1" = 15'-0"

NORTH

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:26:45 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4071 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

Job No.: DOH43-012-03

Scale: AS NOTED

Drawn By: EMD

Sheet No.: A2.0

Sheet Name: OVERALL ROOF PLAN - ELEVATION CALLOUTS

LEGEND:

ROOF AREA — A#

ELEVATION AREA INDICATOR — #

DETAIL INDICATOR — # (DETAIL NUMBER) / A### (SHEET NUMBER)

CODED NOTE — #

CONTROL JOINT

OUT OF SCOPE

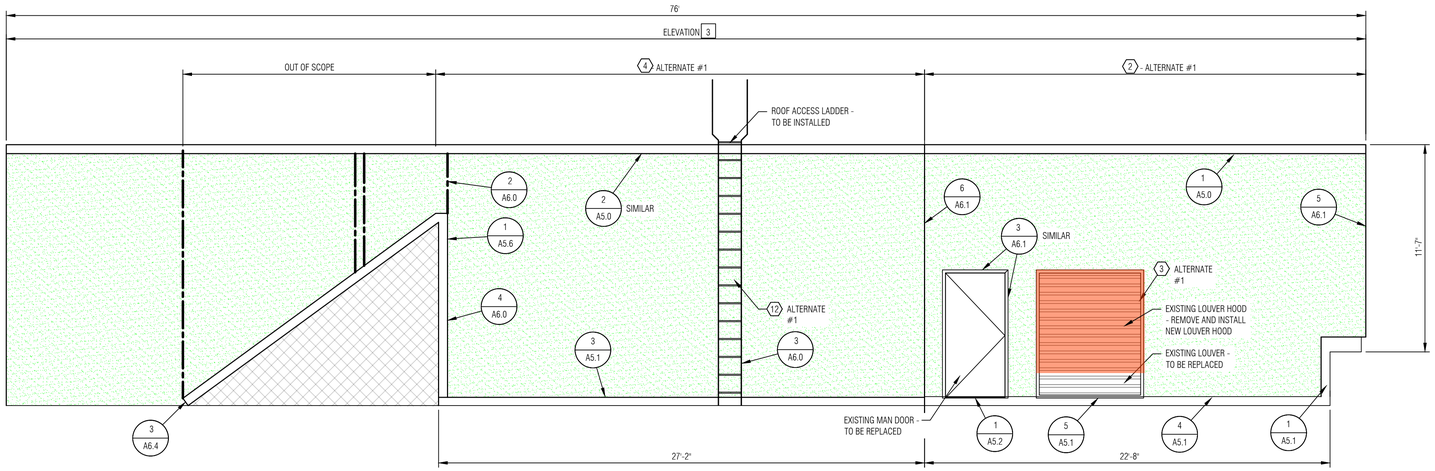
EXISTING EIFS WALL

ELEVATION GENERAL NOTES:

1. THE ELEVATION DRAWINGS SHOW THE SCOPE OF WORK FOR THE BASE BID. ANY AREAS LISTED AS OUT OF SCOPE ARE CONSIDERED OUT OF SCOPE FOR THE BASE BID WORK, EXCEPT AS REQUIRED FOR REPAIRING THE EDGE OF THE EXSIITNG EIFS AS SHOWN IN THE DETAIL DRAWING.
2. SEE ROOF PLAN VIEW DRAWINGS FOR ADDITIONAL WORK ITEMS, ALSO.
3. NEW EIFS INSULATION THICKNESS TO MATCH EXISTING. IN SOME AREAS, THERE ARE VARYING THICKNESSES OF EIFS UTILIZED TO CREATE A PROFILE.

ELEVATION CODED NOTES:

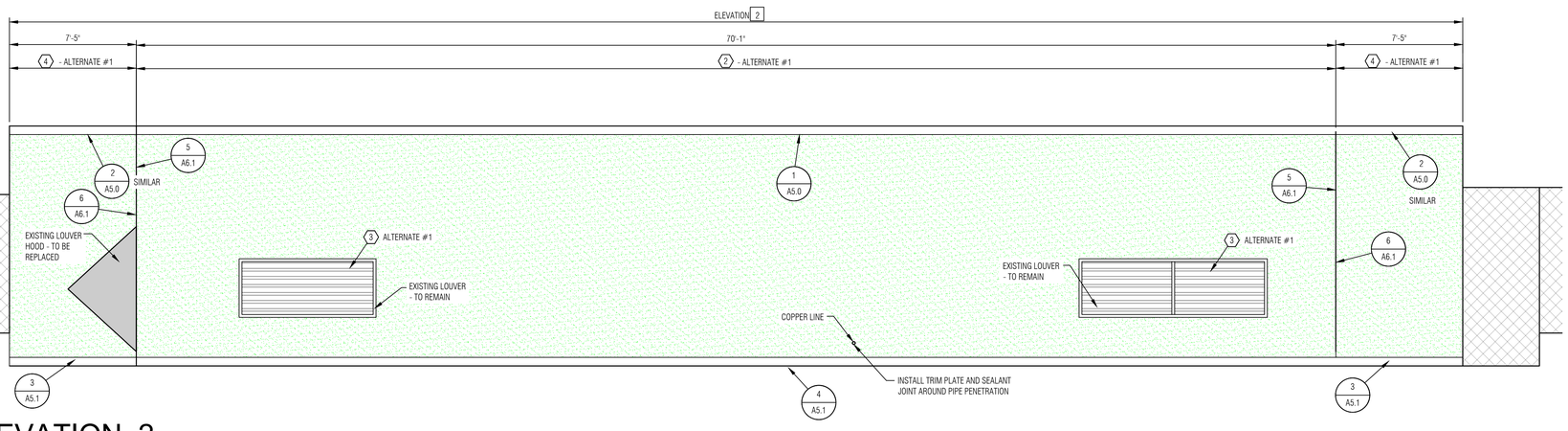
1. R EMOVE EXISTING EIFS SYSTEM AND INSTALL NEW EIFS SYSTEM PER DETAIL 1/A6.0.
2. INSTALL HAT CHANNELS SPACED 2' O.C. PER DETAIL 1/A6.1 AND INSTALL NEW METAL WALL PANELS PER DETAIL 2/A6.1.
3. INSTALL LOUVER HOOD OVER THE EXISTING LOUVER. SEE DETAIL 1/A5.10.
4. RESURFACE THE EXISTING EIFS PER SPECIFICATION SECTION 07 24 19.
5. REMOVE EXISTING WALL FLASHING (AND UNDERLYING EIFS) DOWN TO THE CMU OR COLD-FORMED STEEL FRAMED BACK-UP WALL. AT FRAMED WALL AREAS INSTALL 5/8" FRT PLYWOOD. AT FRAMED AND CMU WALL AREAS, INSTALL 1-1/2" POLYISOCYANURATE INSULATION AND 1/2" PLYWOOD (MECHANICALLY FASTENED), AND ADHERED TAN THERMOPLASTIC MEMBRANE.
6. NO EIFS WORK IN THIS AREA.
7. REMOVE EXISTING WALL FLASHING AND FRT PLYWOOD SHEATHING. INSTALL NEW 5/8" FRT PLYWOOD SHEATHING, POLYISOCYANURATE INSULATION (THICKNESS AS NECESSARY TO MAKE WALL FLUSH WITH ADJACENT WALL), 1/2" PLYWOOD (MECHANICALLY FASTENED), AND TAN THERMOPLASTIC MEMBRANE.
8. TERMINATE WALL INSULATION AT THIS POINT. PROVIDE SOLID WOOD BLOCKING AT EDGE OF INSULATION.
9. REMOVE SECTION OF EIFS FULL DEPTH TO REPAIR BIRD DAMAGE PRIOR TO RE-SURFACING WALL.
10. REMOVE EXISTING EXPANSION JOINT AND INSTALL NEW PRE-MANUFACTURED EXPANSION JOINT PER SPECIFICATION SECTION 07 92 00.
11. REPLACE EXISTING EIFS CONTROL JOINT PER 07 24 19.
12. INSTALL ROOF ACCESS LADDER.



3 A2.1

ELEVATION 3

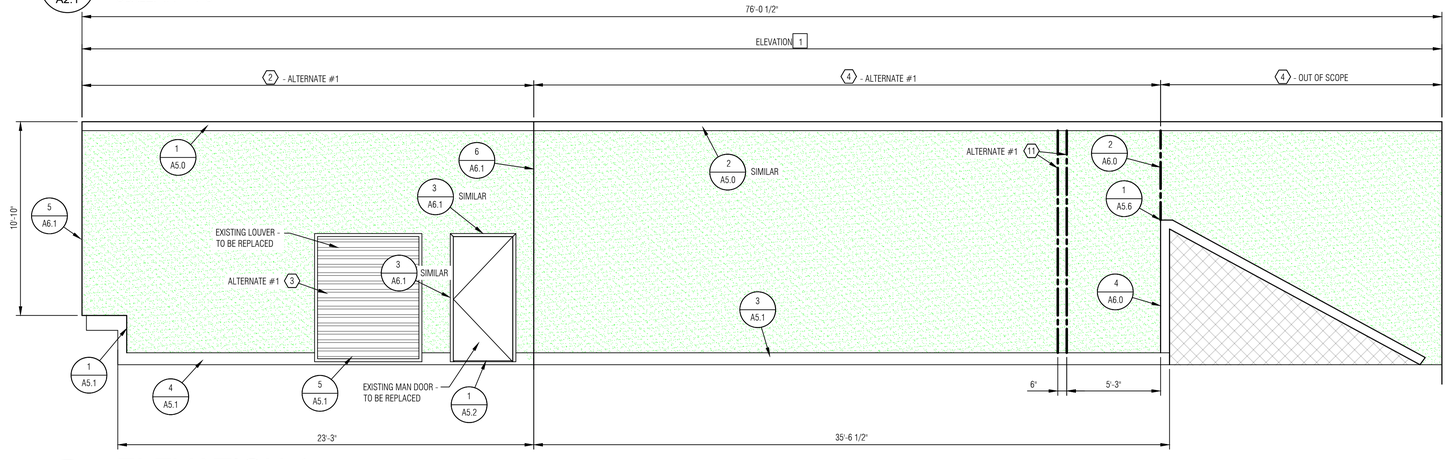
SCALE: 1/4" = 1'-0"



2 A2.1

ELEVATION 2

SCALE: 1/4" = 1'-0"



1 A2.1

ELEVATION 1

SCALE: 1/4" = 1'-0"

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO — DANIEL A. LAWRENCE E-66503 — REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:27:15 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4071 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A2.1
Sheet Name: ELEVATIONS

LEGEND:

ROOF AREA — A#

ELEVATION AREA INDICATOR — #

DETAIL INDICATOR — # / A### (# = DETAIL NUMBER, A### = SHEET NUMBER)

CODED NOTE — #

CONTROL JOINT

OUT OF SCOPE

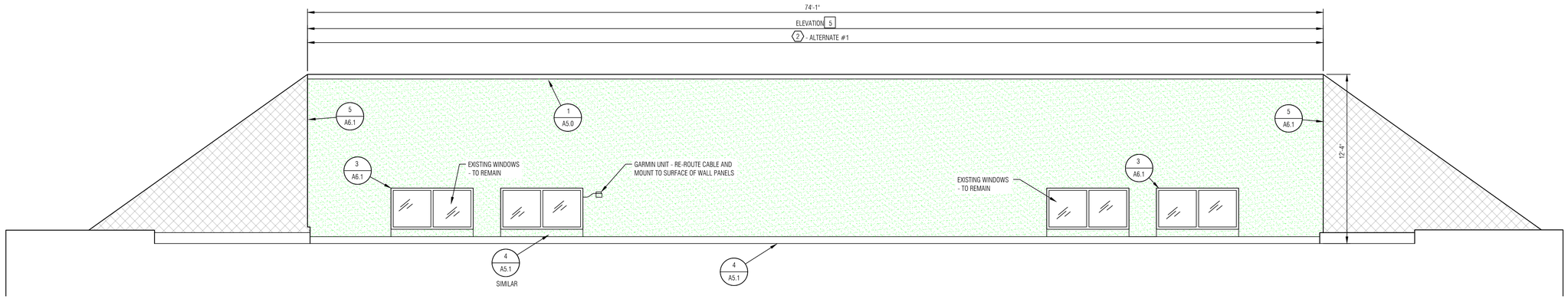
EXISTING EIFS WALL

ELEVATION GENERAL NOTES:

1. THE ELEVATION DRAWINGS SHOW THE SCOPE OF WORK FOR THE BASE BID. ANY AREAS LISTED AS OUT OF SCOPE ARE CONSIDERED OUT OF SCOPE FOR THE BASE BID WORK, EXCEPT AS REQUIRED FOR REPAIRING THE EDGE OF THE EXISITNG EIFS AS SHOWN IN THE DETAIL DRAWING.
2. SEE ROOF PLAN VIEW DRAWINGS FOR ADDITIONAL WORK ITEMS, ALSO.
3. NEW EIFS INSULATION THICKNESS TO MATCH EXISTING. IN SOME AREAS, THERE ARE VARYING THICKNESSES OF EIFS UTILIZED TO CREATE A PROFILE.

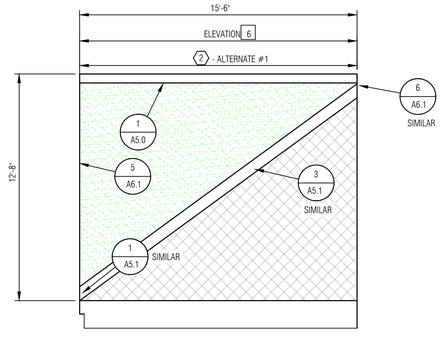
ELEVATION CODED NOTES:

1. R EMOVE EXISTING EIFS SYSTEM AND INSTALL NEW EIFS SYSTEM PER DETAIL 1/A6.0.
2. INSTALL HAT CHANNELS SPACED 2' O.C. PER DETAIL 1/A6.1 AND INSTALL NEW METAL WALL PANELS PER DETAIL 2/A6.1.
3. INSTALL LOUVER HOOD OVER THE EXISTING LOUVER. SEE DETAIL 1/A5.10.
4. RESURFACE THE EXISTING EIFS PER SPECIFICATION SECTION 07 24 19.
5. REMOVE EXISTING WALL FLASHING (AND UNDERLYING EIFS) DOWN TO THE CMU OR COLD-FORMED STEEL FRAMED BACK-UP WALL. AT FRAMED WALL AREAS INSTALL 5/8" FRT PLYWOOD. AT FRAMED AND CMU WALL AREAS, INSTALL 1-1/2" POLYISOCYANURATE INSULATION AND 1/2" PLYWOOD (MECHANICALLY FASTENED), AND ADHERED TAN THERMOPLASTIC MEMBRANE.
6. NO EIFS WORK IN THIS AREA.
7. REMOVE EXISTING WALL FLASHING AND FRT PLYWOOD SHEATHING. INSTALL NEW 5/8" FRT PLYWOOD SHEATHING, POLYISOCYANURATE INSULATION (THICKNESS AS NECESSARY TO MAKE WALL FLUSH WITH ADJACENT WALL), 1/2" PLYWOOD (MECHANICALLY FASTENED), AND TAN THERMOPLASTIC MEMBRANE.
8. TERMINATE WALL INSULATION AT THIS POINT. PROVIDE SOLID WOOD BLOCKING AT EDGE OF INSULATION.
9. REMOVE SECTION OF EIFS FULL DEPTH TO REPAIR BIRD DAMAGE PRIOR TO RE-SURFACING WALL.
10. REMOVE EXISTING EXPANSION JOINT AND INSTALL NEW PRE-MANUFACTURED EXPANSION JOINT PER SPECIFICATION SECTION 07 92 00.
11. REPLACE EXISTING EIFS CONTROL JOINT PER 07 24 19.
12. INSTALL ROOF ACCESS LADDER.



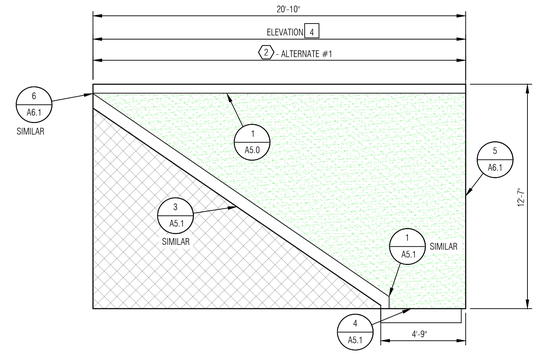
3 A2.2 **ELEVATION 5**

SCALE: 1/4" = 1'-0"



2 A2.2 **ELEVATION 6**

SCALE: 1/4" = 1'-0"



1 A2.2 **ELEVATION 4**

SCALE: 1/4" = 1'-0"

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:27:51 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

Job No.: DOH43-012-03

Scale: AS NOTED

Drawn By: EMD

Sheet No.: A2.2

Sheet Name: ELEVATIONS

LEGEND:

ROOF AREA — A#

ELEVATION AREA INDICATOR — #

DETAIL INDICATOR — # / A### (DETAIL NUMBER / SHEET NUMBER)

CODED NOTE — #

CONTROL JOINT

OUT OF SCOPE

EXISTING EIFS WALL

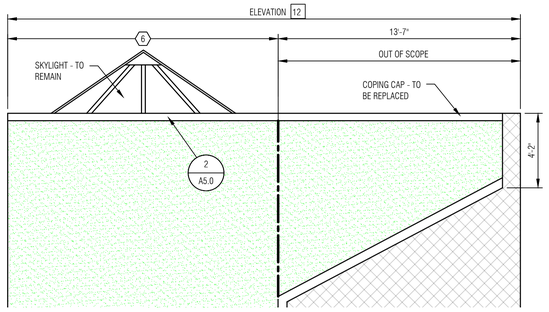
ELEVATION GENERAL NOTES:

1. THE ELEVATION DRAWINGS SHOW THE SCOPE OF WORK FOR THE BASE BID. ANY AREAS LISTED AS OUT OF SCOPE ARE CONSIDERED OUT OF SCOPE FOR THE BASE BID WORK, EXCEPT AS REQUIRED FOR REPAIRING THE EDGE OF THE EXISITNG EIFS AS SHOWN IN THE DETAIL DRAWING.
2. SEE ROOF PLAN VIEW DRAWINGS FOR ADDITIONAL WORK ITEMS, ALSO.
3. NEW EIFS INSULATION THICKNESS TO MATCH EXISTING. IN SOME AREAS, THERE ARE VARYING THICKNESSES OF EIFS UTILIZED TO CREATE A PROFILE.

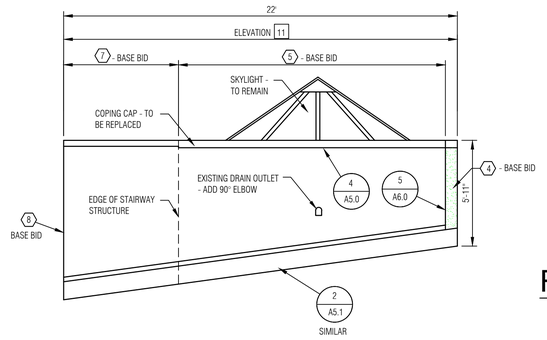
ELEVATION CODED NOTES:

1. R EMOVE EXISTING EIFS SYSTEM AND INSTALL NEW EIFS SYSTEM PER DETAIL 1/A6.0.
2. INSTALL HAT CHANNELS SPACED 2' O.C. PER DETAIL 1/A6.1 AND INSTALL NEW METAL WALL PANELS PER DETAIL 2/A6.1.
3. INSTALL LOUVER HOOD OVER THE EXISTING LOUVER. SEE DETAIL 1/A5.10.
4. RESURFACE THE EXISTING EIFS PER SPECIFICATION SECTION 07 24 19.
5. REMOVE EXISTING WALL FLASHING (AND UNDERLYING EIFS) DOWN TO THE CMU OR COLD-FORMED STEEL FRAMED BACK-UP WALL. AT FRAMED WALL AREAS INSTALL 5/8" FRT PLYWOOD. AT FRAMED AND CMU WALL AREAS, INSTALL 1-1/2" POLYISOCYANURATE INSULATION AND 1/2" PLYWOOD (MECHANICALLY FASTENED), AND ADHERED TAN THERMOPLASTIC MEMBRANE.
6. NO EIFS WORK IN THIS AREA.
7. REMOVE EXISTING WALL FLASHING AND FRT PLYWOOD SHEATHING. INSTALL NEW 5/8" FRT PLYWOOD SHEATHING, POLYISOCYANURATE INSULATION (THICKNESS AS NECESSARY TO MAKE WALL FLUSH WITH ADJACENT WALL), 1/2" PLYWOOD (MECHANICALLY FASTENED), AND TAN THERMOPLASTIC MEMBRANE.
8. TERMINATE WALL INSULATION AT THIS POINT. PROVIDE SOLID WOOD BLOCKING AT EDGE OF INSULATION.
9. REMOVE SECTION OF EIFS FULL DEPTH TO REPAIR BIRD DAMAGE PRIOR TO RE-SURFACING WALL.
10. REMOVE EXISTING EXPANSION JOINT AND INSTALL NEW PRE-MANUFACTURED EXPANSION JOINT PER SPECIFICATION SECTION 07 92 00.
11. REPLACE EXISTING EIFS CONTROL JOINT PER 07 24 19.
12. INSTALL ROOF ACCESS LADDER.

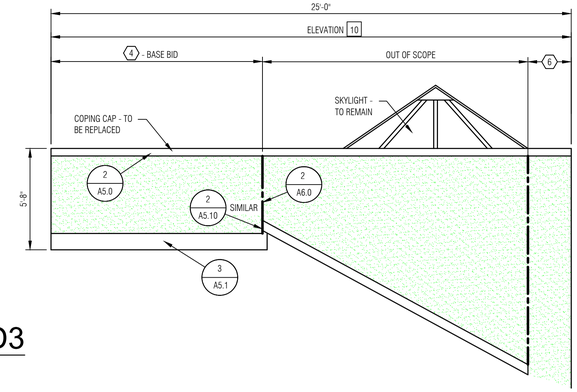
ROOF AREA D3



4 / A2.3 ELEVATION 12
SCALE: 1/4" = 1'-0"

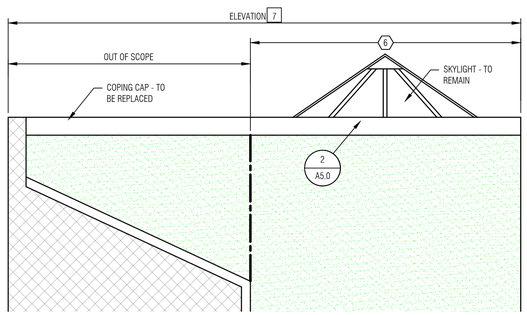


5 / A2.3 ELEVATION 11
SCALE: 1/4" = 1'-0"

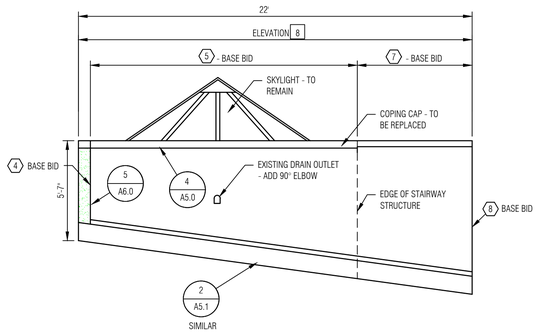


6 / A2.3 ELEVATION 10
SCALE: 1/4" = 1'-0"

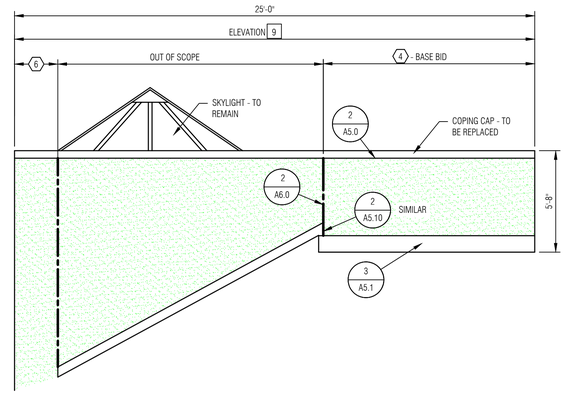
ROOF AREA D1



3 / A2.3 ELEVATION 7
SCALE: 1/4" = 1'-0"



2 / A2.3 ELEVATION 8
SCALE: 1/4" = 1'-0"



1 / A2.3 ELEVATION 9
SCALE: 1/4" = 1'-0"

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO — DANIEL A. LAWRENCE E-66503 — REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:28:23 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A2.3
Sheet Name: ELEVATIONS

LEGEND:

ROOF AREA — A#

ELEVATION AREA INDICATOR — #

DETAIL INDICATOR — # / A### (DETAIL NUMBER / SHEET NUMBER)

CODED NOTE — #

CONTROL JOINT

OUT OF SCOPE

EXISTING EIFS WALL

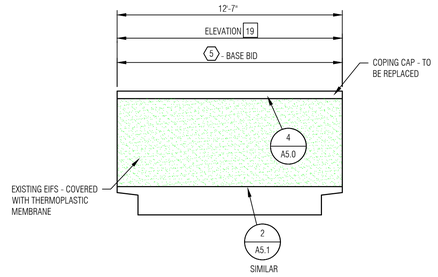
ELEVATION GENERAL NOTES:

1. THE ELEVATION DRAWINGS SHOW THE SCOPE OF WORK FOR THE BASE BID. ANY AREAS LISTED AS OUT OF SCOPE ARE CONSIDERED OUT OF SCOPE FOR THE BASE BID WORK, EXCEPT AS REQUIRED FOR REPAIRING THE EDGE OF THE EXISITNG EIFS AS SHOWN IN THE DETAIL DRAWING.
2. SEE ROOF PLAN VIEW DRAWINGS FOR ADDITIONAL WORK ITEMS, ALSO.
3. NEW EIFS INSULATION THICKNESS TO MATCH EXISTING. IN SOME AREAS, THERE ARE VARYING THICKNESSES OF EIFS UTILIZED TO CREATE A PROFILE.

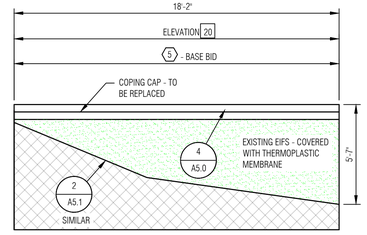
ELEVATION CODED NOTES:

1. R EMOVE EXISTING EIFS SYSTEM AND INSTALL NEW EIFS SYSTEM PER DETAIL 1/A6.0.
2. INSTALL HAT CHANNELS SPACED 2' O.C. PER DETAIL 1/A6.1 AND INSTALL NEW METAL WALL PANELS PER DETAIL 2/A6.1.
3. INSTALL LOUVER HOOD OVER THE EXISTING LOUVER. SEE DETAIL 1/A5.10.
4. RESURFACE THE EXISTING EIFS PER SPECIFICATION SECTION 07 24 19.
5. REMOVE EXISTING WALL FLASHING (AND UNDERLYING EIFS) DOWN TO THE CMU OR COLD-FORMED STEEL FRAMED BACK-UP WALL. AT FRAMED WALL AREAS INSTALL 5/8" FRT PLYWOOD. AT FRAMED AND CMU WALL AREAS, INSTALL 1-1/2" POLYISOCYANURATE INSULATION AND 1/2" PLYWOOD (MECHANICALLY FASTENED), AND ADHERED TAN THERMOPLASTIC MEMBRANE.
6. NO EIFS WORK IN THIS AREA.
7. REMOVE EXISTING WALL FLASHING AND FRT PLYWOOD SHEATHING. INSTALL NEW 5/8" FRT PLYWOOD SHEATHING, POLYISOCYANURATE INSULATION (THICKNESS AS NECESSARY TO MAKE WALL FLUSH WITH ADJACENT WALL), 1/2" PLYWOOD (MECHANICALLY FASTENED), AND TAN THERMOPLASTIC MEMBRANE.
8. TERMINATE WALL INSULATION AT THIS POINT. PROVIDE SOLID WOOD BLOCKING AT EDGE OF INSULATION.
9. REMOVE SECTION OF EIFS FULL DEPTH TO REPAIR BIRD DAMAGE PRIOR TO RE-SURFACING WALL.
10. REMOVE EXISTING EXPANSION JOINT AND INSTALL NEW PRE-MANUFACTURED EXPANSION JOINT PER SPECIFICATION SECTION 07 92 00.
11. REPLACE EXISTING EIFS CONTROL JOINT PER 07 24 19.
12. INSTALL ROOF ACCESS LADDER.

ROOF AREA D4



7 A2.4 **ELEVATION 19**
SCALE: 1/4" = 1'-0"

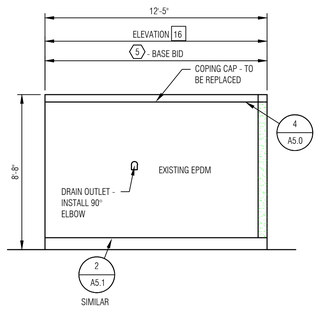


8 A2.4 **ELEVATION 20**
SCALE: 1/4" = 1'-0"

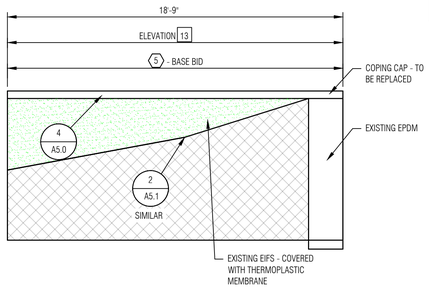
5 A2.4 **ELEVATION 17**
SCALE: 1/4" = 1'-0"

6 A2.4 **ELEVATION 18**
SCALE: 1/4" = 1'-0"

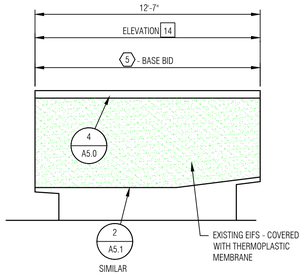
ROOF AREA D2



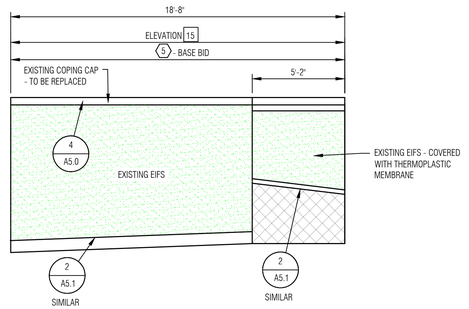
4 A2.4 **ELEVATION 16**
SCALE: 1/4" = 1'-0"



3 A2.4 **ELEVATION 13**
SCALE: 1/4" = 1'-0"



2 A2.4 **ELEVATION 14**
SCALE: 1/4" = 1'-0"



1 A2.4 **ELEVATION 15**
SCALE: 1/4" = 1'-0"

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO — DANIEL A. LAWRENCE E-66503 — REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:28:56 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:
2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY
DUBLIN CITY SCHOOL DISTRICT
THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A2.4
Sheet Name: ELEVATIONS

LEGEND:

ROOF AREA A#

ELEVATION AREA INDICATOR #

DETAIL INDICATOR # / A### (DETAIL NUMBER / SHEET NUMBER)

CODED NOTE #

CONTROL JOINT

OUT OF SCOPE

EXISTING EIFS WALL

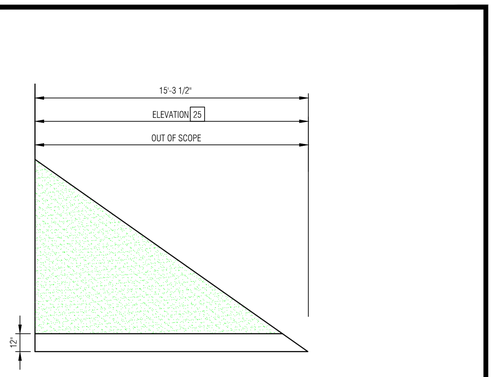
ELEVATION GENERAL NOTES:

1. THE ELEVATION DRAWINGS SHOW THE SCOPE OF WORK FOR THE BASE BID. ANY AREAS LISTED AS OUT OF SCOPE ARE CONSIDERED OUT OF SCOPE FOR THE BASE BID WORK, EXCEPT AS REQUIRED FOR REPAIRING THE EDGE OF THE EXISITNG EIFS AS SHOWN IN THE DETAIL DRAWING.
2. SEE ROOF PLAN VIEW DRAWINGS FOR ADDITIONAL WORK ITEMS, ALSO.
3. NEW EIFS INSULATION THICKNESS TO MATCH EXISTING. IN SOME AREAS, THERE ARE VARYING THICKNESSES OF EIFS UTILIZED TO CREATE A PROFILE.

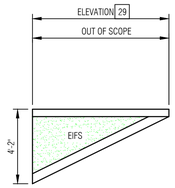
ELEVATION CODED NOTES:

1. REMOVE EXISTING EIFS SYSTEM AND INSTALL NEW EIFS SYSTEM PER DETAIL 1/A6.0.
2. INSTALL HAT CHANNELS SPACED 2' O.C. PER DETAIL 1/A6.1 AND INSTALL NEW METAL WALL PANELS PER DETAIL 2/A6.1.
3. INSTALL LOUVER HOOD OVER THE EXISTING LOUVER. SEE DETAIL 1/A5.10.
4. RESURFACE THE EXISTING EIFS PER SPECIFICATION SECTION 07 24 19.
5. REMOVE EXISTING WALL FLASHING (AND UNDERLYING EIFS) DOWN TO THE CMU OR COLD-FORMED STEEL FRAMED BACK-UP WALL. AT FRAMED WALL AREAS INSTALL 5/8" FRT PLYWOOD. AT FRAMED AND CMU WALL AREAS, INSTALL 1-1/2" POLYISOCYANURATE INSULATION AND 1/2" PLYWOOD (MECHANICALLY FASTENED), AND ADHERED TAN THERMOPLASTIC MEMBRANE.
6. NO EIFS WORK IN THIS AREA.
7. REMOVE EXISTING WALL FLASHING AND FRT PLYWOOD SHEATHING. INSTALL NEW 5/8" FRT PLYWOOD SHEATHING, POLYISOCYANURATE INSULATION (THICKNESS AS NECESSARY TO MAKE WALL FLUSH WITH ADJACENT WALL), 1/2" PLYWOOD (MECHANICALLY FASTENED), AND TAN THERMOPLASTIC MEMBRANE.
8. TERMINATE WALL INSULATION AT THIS POINT. PROVIDE SOLID WOOD BLOCKING AT EDGE OF INSULATION.
9. REMOVE SECTION OF EIFS FULL DEPTH TO REPAIR BIRD DAMAGE PRIOR TO RE-SURFACING WALL.
10. REMOVE EXISTING EXPANSION JOINT AND INSTALL NEW PRE-MANUFACTURED EXPANSION JOINT PER SPECIFICATION SECTION 07 92 00.
11. REPLACE EXISTING EIFS CONTROL JOINT PER 07 24 19.
12. INSTALL ROOF ACCESS LADDER.

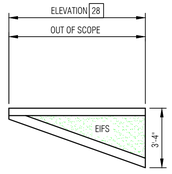
ROOF AREA J



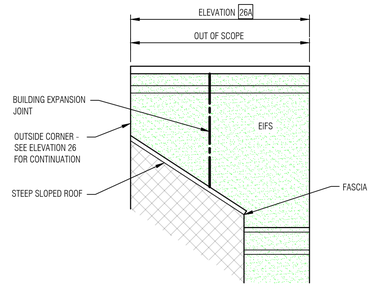
5 / A2.5 **ELEVATION 25**
SCALE: 1/4" = 1'-0"



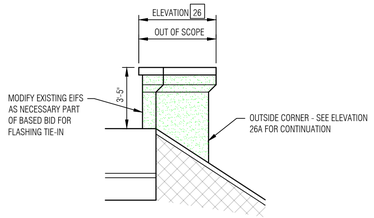
10 / A2.5 **ELEVATION 29**
SCALE: 1/4" = 1'-0"



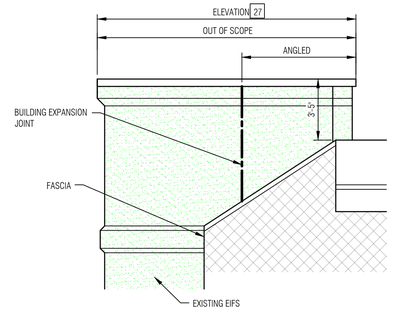
9 / A2.5 **ELEVATION 28**
SCALE: 1/4" = 1'-0"



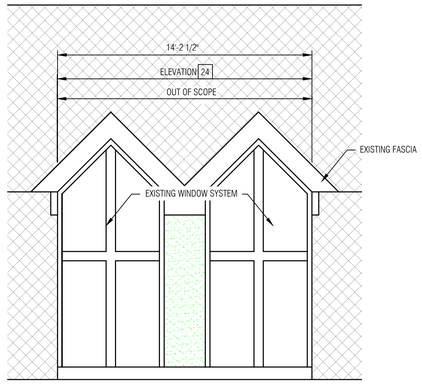
8 / A2.5 **ELEVATION 26A**
SCALE: 1/4" = 1'-0"



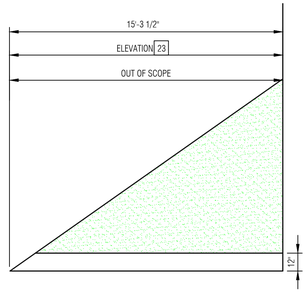
6 / A2.5 **ELEVATION 26**
SCALE: 1/4" = 1'-0"



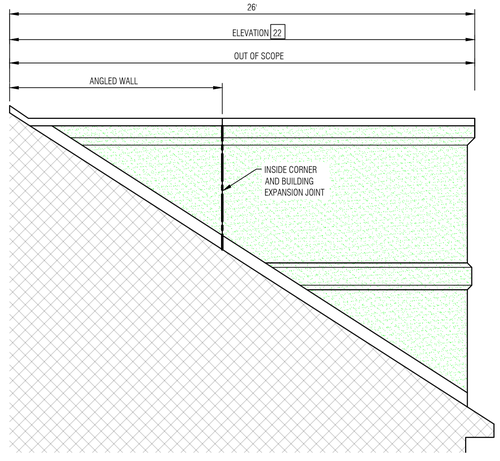
7 / A2.5 **ELEVATION 27**
SCALE: 1/4" = 1'-0"



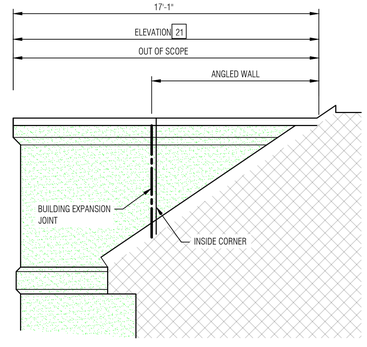
4 / A2.5 **ELEVATION 24**
SCALE: 1/4" = 1'-0"



3 / A2.5 **ELEVATION 23**
SCALE: 1/4" = 1'-0"



2 / A2.5 **ELEVATION 22**
SCALE: 1/4" = 1'-0"



1 / A2.5 **ELEVATION 21**
SCALE: 1/4" = 1'-0"

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO · DANIEL A. LAWRENCE · E-66503 · REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:29:30 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:
2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A2.5
Sheet Name: ELEVATIONS

LEGEND:

ROOF AREA — A#

DETAIL INDICATOR — # / A### (DETAIL NUMBER / SHEET NUMBER)

CODED NOTE — #

FIELD FASTENING AREA
ADHESIVE BEADS 12" O.C.
10 FASTENERS PER 4'X8' BOARD

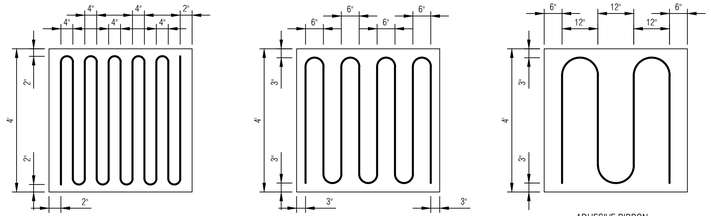
PERIMETER FASTENING AREA
ADHESIVE BEADS 6" O.C.
16 FASTENERS PER 4'X8' BOARD

CORNER FASTENING AREA
ADHESIVE BEADS 4" O.C.
32 FASTENERS PER 4'X8' BOARD

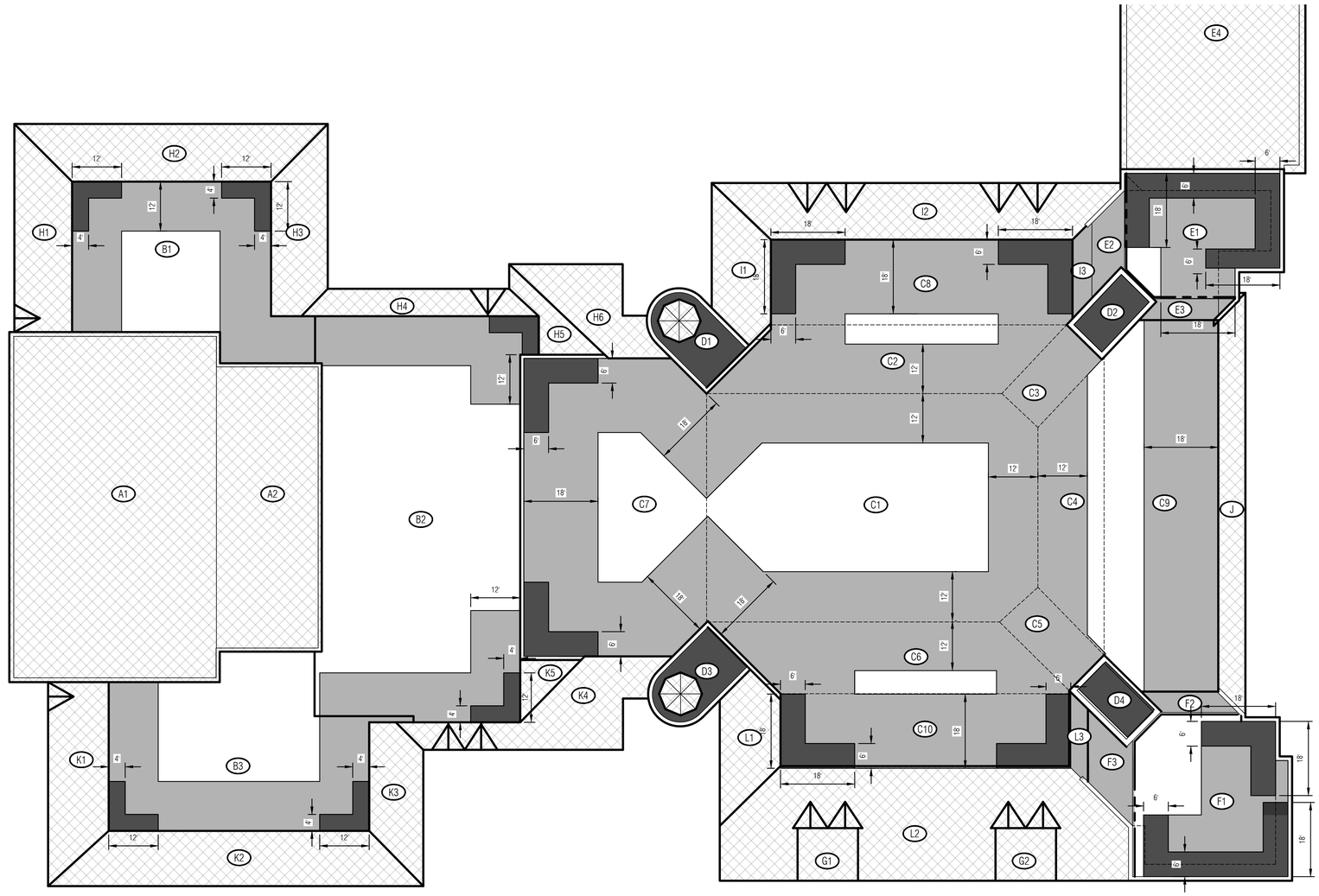
AREA OUT OF SCOPE

INSULATION FASTENING PLAN GENERAL NOTES:

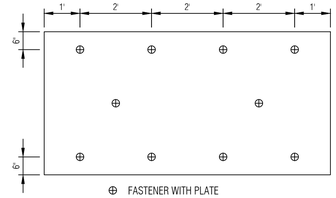
1. ALL INSULATION BOARDS THAT ARE TO BE ADHERED SHALL BE 4' X 4'.
2. ANY BOARD THAT IS LOCATED PARTIALLY WITHIN A CORNER OR PERIMETER AREA, THE ENTIRE BOARD SHALL BE FASTENED PER THE MORE STRINGENT FASTENING PATTERN.
3. FOR ADHERED INSULATION, THE ROOF INSULATION BOARDS SHALL BE WEIGHTED DOWN TO HELP ASSURE PROPER ADHESION. WALKING IN THE INSULATION BOARDS ALONE IS NOT ACCEPTABLE.



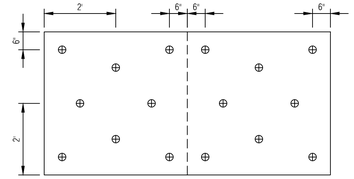
3 / A3.0 — INSULATION ADHESIVE PATTERNS
SCALE: 1/2" = 1'-0"



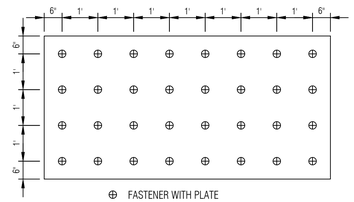
1 / A3.0 — WIND UPLIFT PLAN
SCALE: 1" = 15'-0"



⊕ FASTENER WITH PLATE
10 FASTENERS PER BOARD



⊕ FASTENER WITH PLATE
16 FASTENERS PER BOARD



⊕ FASTENER WITH PLATE
32 FASTENERS PER BOARD

2 / A3.0 — INSULATION FASTENING PATTERNS
SCALE: 1/2" = 1'-0"

NORTH

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO — DANIEL A. LAWRENCE — E-66503 — REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:30:05 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:
2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By:	DAL
Date:	08.28.2026
Job No.:	DOH43-012-03
Scale:	AS NOTED
Drawn By:	EMD
Sheet No.:	A3.0
Sheet Name:	WIND UPLIFT PLAN

LEGEND:

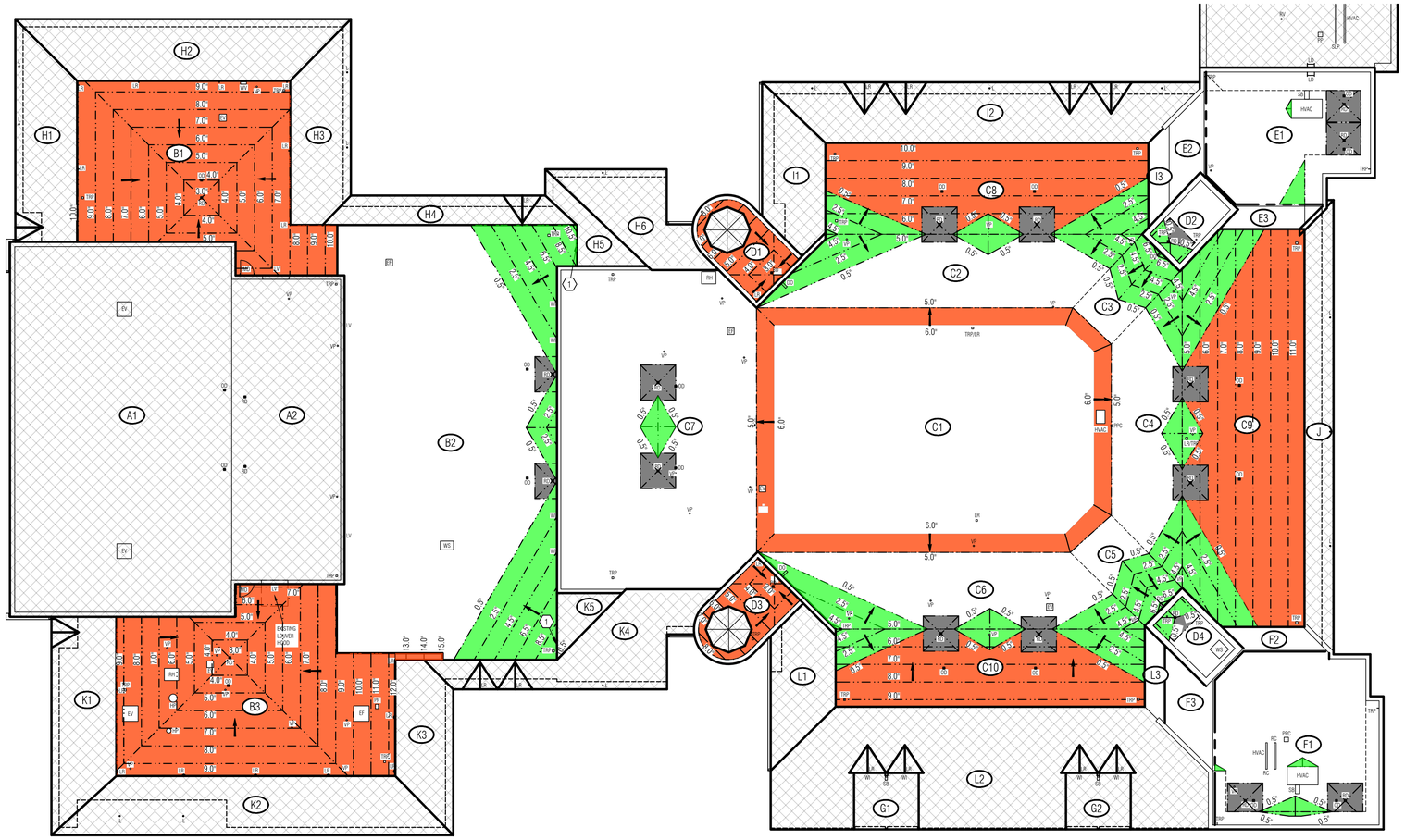
- ROOF AREA — A#
- DETAIL INDICATOR — # / A### (DETAIL NUMBER / SHEET NUMBER)
- CODED NOTE — #
- EDGE OF TAPERED INSULATION BOARD
- 1/4" PER FOOT TAPERED INSULATION
- 1/2" PER FOOT INSULATION CRICKETS/SADDLES
- 1/2" PER FOOT DRAIN SUMP
- AREA OUT OF SCOPE
- STRUCTURAL SLOPE
- TAPERED INSULATION SLOPE

TAPERED INSULATION GENERAL NOTES:

1. TAPERED INSULATION THICKNESSES SHOWN DO NOT INCLUDE THE THICKNESS OF THE SPECIFIED COVERBOARD.
2. A 2" MINIMUM THICKNESS INSULATION BOARD SHALL BE INSTALLED AS THE TOP LAYER OF ROOF INSULATION. THE TAPERED INSULATION BOARDS SHALL BE INSTALLED BELOW THE TOP LAYER OF INSULATION BOARD.
3. A TAPERED EDGE STRIP IS REQUIRED AT THE EDGE OF ANY TAPERED INSULATION IN ORDER TO PROVIDE A SMOOTH TRANSITION.

TAPERED INSULATION PLAN CODED NOTES:

1. CONTRACTOR TO FIELD VERIFY AVAILABLE ROOF BASE FLASHING HEIGHT AND TOTAL INSULATION THICKNESS. IF NECESSARY, ADJUST WIDTH OF THE TAPERED INSULATION IN ORDER TO PROVIDE A MINIMUM 6" ROOF BASE FLASHING HEIGHT.



1 / A4.0

TAPERED INSULATION PLAN

SCALE: 1" = 15'-0"

NORTH

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:31:19 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

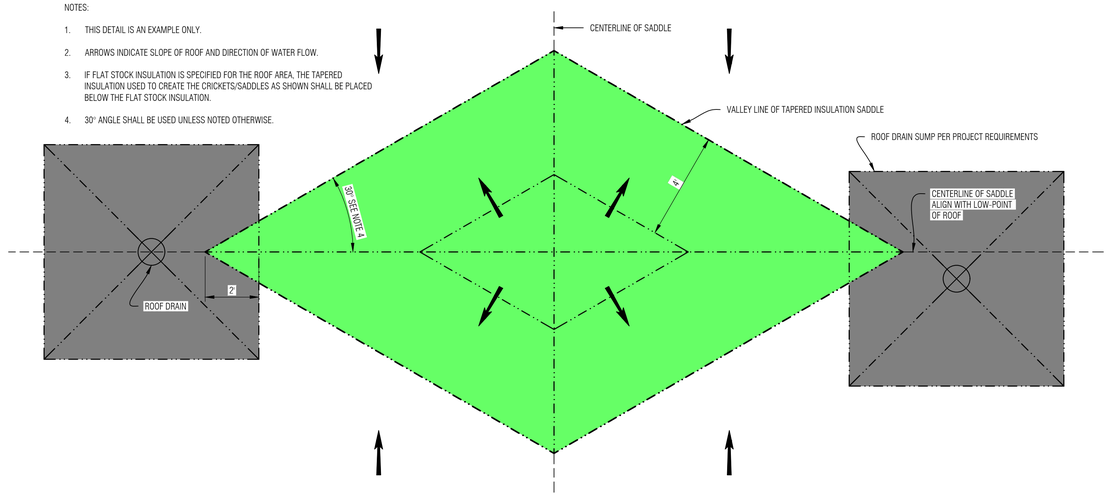
DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A4.0
Sheet Name: TAPERED INSULATION PLAN

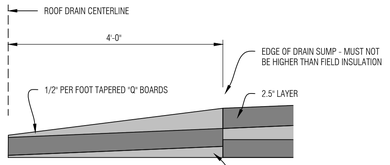
NOTES:

1. THIS DETAIL IS AN EXAMPLE ONLY.
2. ARROWS INDICATE SLOPE OF ROOF AND DIRECTION OF WATER FLOW.
3. IF FLAT STOCK INSULATION IS SPECIFIED FOR THE ROOF AREA, THE TAPERED INSULATION USED TO CREATE THE CRICKETS/SADDLES AS SHOWN SHALL BE PLACED BELOW THE FLAT STOCK INSULATION.
4. 30° ANGLE SHALL BE USED UNLESS NOTED OTHERWISE.



5 / A4.1 TAPERED INSULATION SADDLE LAYOUT BETWEEN DRAINS

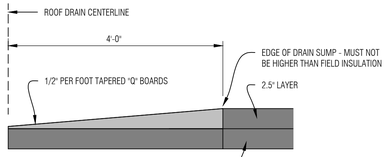
SCALE: NONE



TAPERED INSULATION BASE LAYERS

NOTE:

1. TAPERED INSULATION DRAIN SUMP PANELS (Q - PANELS) SHALL BE INSTALLED WITHIN 2.5" TOP LAYER. THE UNDERLYING LAYERS OF INSULATION (FLAT STOCK OR TAPERED INSULATION SYSTEM ARE NOT TO BE REMOVED). CONTRACTOR TO MAKE SURE EDGE OF Q-PANEL IS BELOW FIELD INSULATION SO THAT WATER DOES NOT POND AROUND DRAIN SUMP.



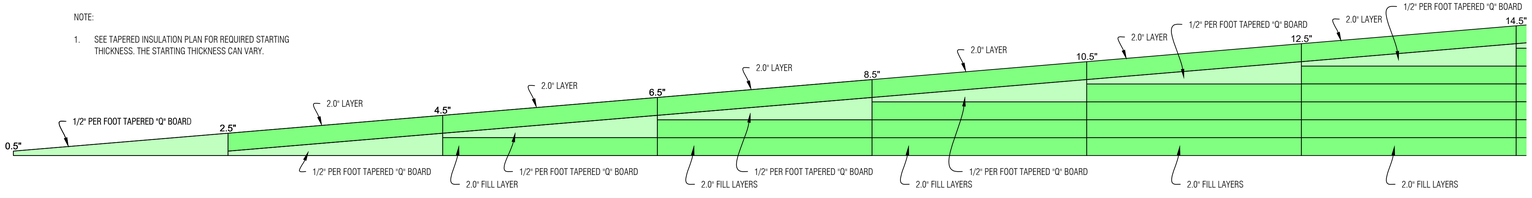
FLAT STOCK INSULATION BASE LAYERS

4 / A3.1 1/2" TAPERED INSULATION DRAIN SUMP

SCALE: NONE

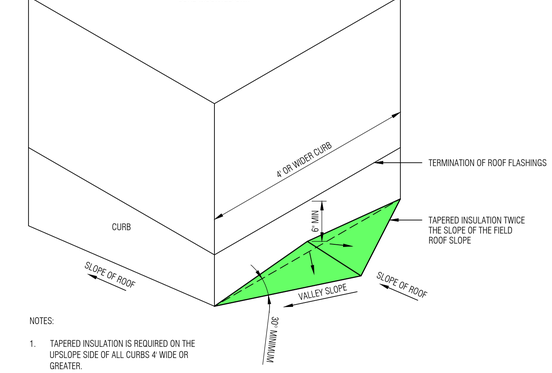
NOTE:

1. SEE TAPERED INSULATION PLAN FOR REQUIRED STARTING THICKNESS. THE STARTING THICKNESS CAN VARY.



2 / A4.1 1/2" PER FOOT TAPERED INSULATION - CRICKETS AND SADDLES

SCALE: NONE



NOTES:

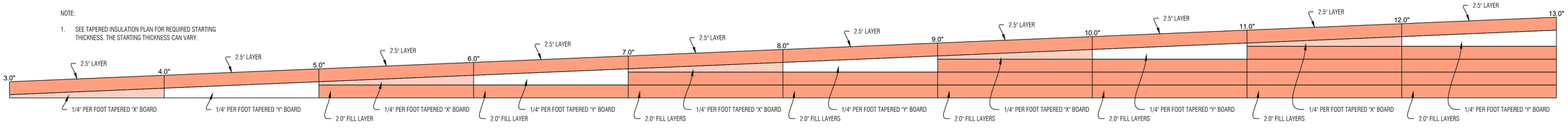
1. TAPERED INSULATION IS REQUIRED ON THE UPSLOPE SIDE OF ALL CURBS 4' WIDE OR GREATER.

3 / A4.1 INSULATION CRICKET AT LARGE CURB

SCALE: NONE

NOTE:

1. SEE TAPERED INSULATION PLAN FOR REQUIRED STARTING THICKNESS. THE STARTING THICKNESS CAN VARY.



1 / A4.1 1/4" PER FOOT TAPERED INSULATION

SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:31:55 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

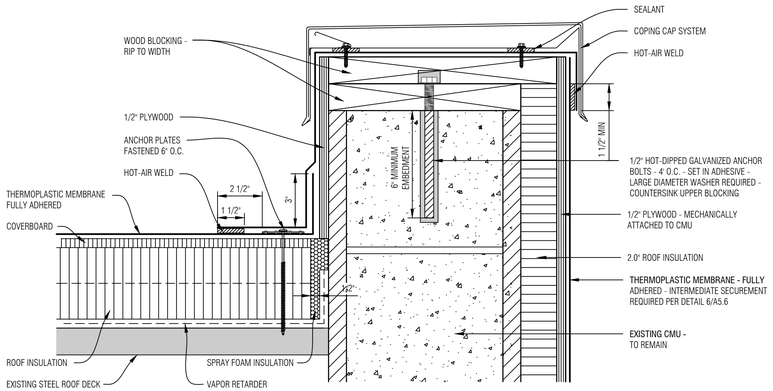
THOMAS ELEMENTARY SCHOOL

4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A4.1
Sheet Name: TAPERED INSULATION DETAILS

NOTES:

1. PROVIDE PRE-FABRICATED LIGHTNING ROD BRACKETS PER DETAIL 5/A5.0 FOR LIGHTNING ROD AND CABLE ATTACHMENT.
2. THE BACK-UP WALL MAY ALSO BE A FRAMED WALL. AT THESE AREAS, REMOVE THE EXISTING WALL SHEATHING AND INSTALL NEW 5/8" FRT PLYWOOD SHEATHING ON THE EXISTING WALL FRAMING.

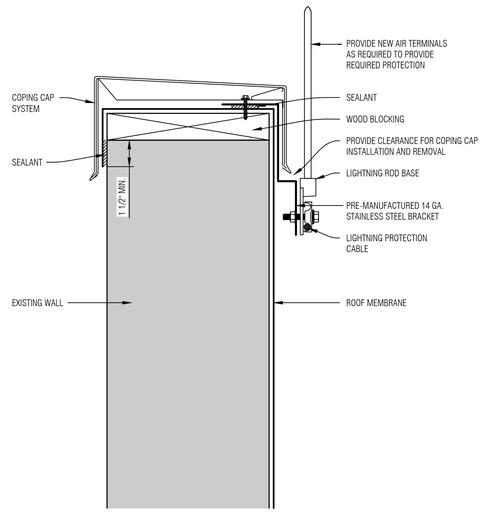


4 A5.0 COPING CAP DETAIL

SCALE: NONE

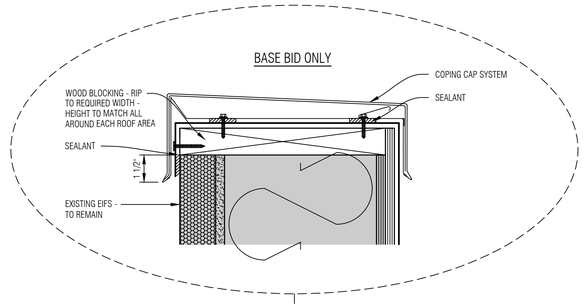
NOTES:

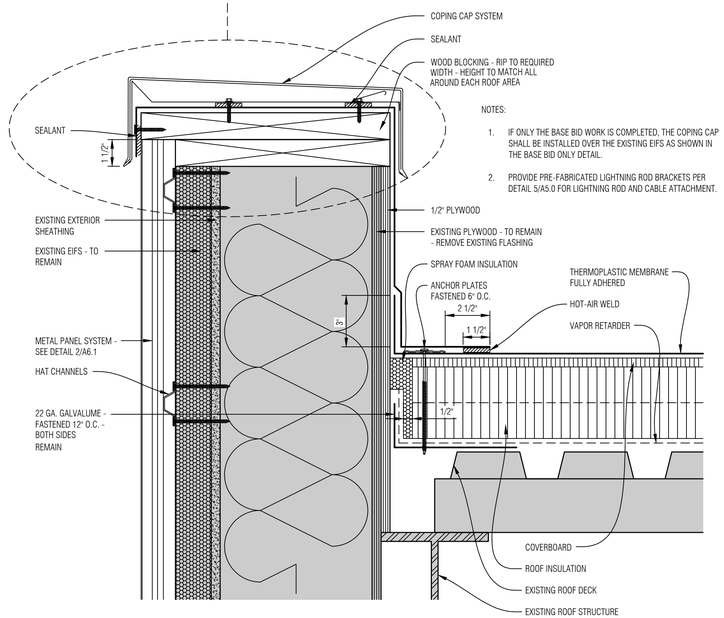
1. ANY NEW AIR TERMINALS SHALL HAVE BLUNT TIPS.
2. THE LIGHTNING PROTECTION CABLE SHALL BE MOUNTED TO PRE-MANUFACTURED 14 GA. BRACKETS.
3. LIGHTNING PROTECTION SHALL ONLY BE MOUNTED TO THE COPING CAP WHERE THE BRACKETS CANNOT PROVIDE THE CODE REQUIRED LIGHTNING ROD PLACEMENT AND WHERE AUTHORIZED BY THE DESIGN PROFESSIONAL.
4. LIGHTNING ROD BASE AND CABLE ATTACHMENT SHALL UTILIZE A STAINLESS STEEL SCREW OR BOLT FOR ATTACHMENT. ADHESIVE ATTACHMENT NOT PERMITTED.



5 A5.0 LIGHTNING ROD BRACKET AT COPING CAP

SCALE: NONE





NOTES:

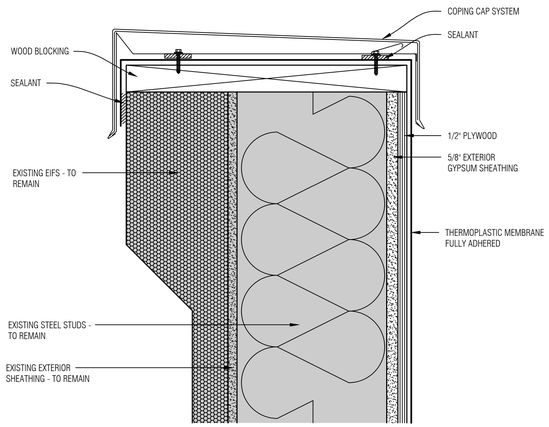
1. IF ONLY THE BASE BID WORK IS COMPLETED, THE COPING CAP SHALL BE INSTALLED OVER THE EXISTING EIFS AS SHOWN IN THE BASE BID ONLY DETAIL.
2. PROVIDE PRE-FABRICATED LIGHTNING ROD BRACKETS PER DETAIL 5/A5.0 FOR LIGHTNING ROD AND CABLE ATTACHMENT.

1 A5.0 COPING CAP DETAIL

SCALE: NONE

NOTE:

1. PROVIDE PRE-FABRICATED LIGHTNING ROD BRACKETS PER DETAIL 5/A5.0 FOR LIGHTNING ROD AND CABLE ATTACHMENT.

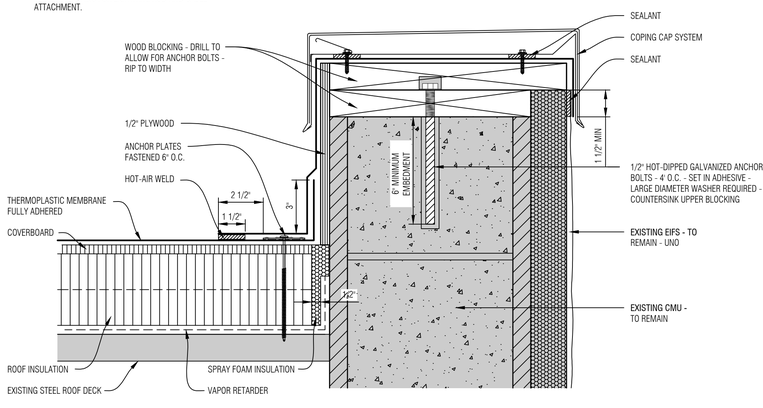


3 A5.0 COPNG CAP DETAIL - ADDITION ROOF AREAS

SCALE: NONE

NOTES:

1. AT THE CURVED WALL AREA, PROVIDE TRULY CURVED, WELDED ALUMINUM COPING CAP. PROFILE TO MATCH ADJACENT STRAIGHT COPING CAP.
2. PROVIDE PRE-FABRICATED LIGHTNING ROD BRACKETS PER DETAIL 5/A5.0 FOR LIGHTNING ROD AND CABLE ATTACHMENT.



2 A5.0 COPING CAP AT CMU WALL DETAIL

SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

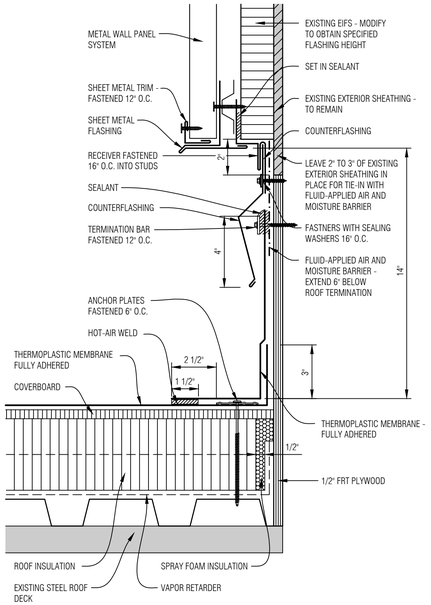
STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:32:31 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:
2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY
DUBLIN CITY SCHOOL DISTRICT
THOMAS ELEMENTARY SCHOOL
4071 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A5.0
Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE

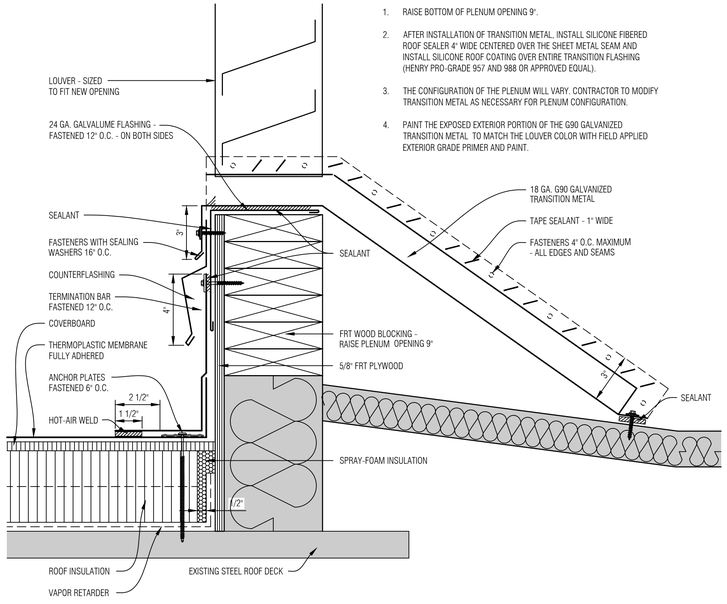


4 A5.1 **BASE FLASHING AT METAL WALL PANELS DETAIL**

SCALE: NONE

NOTES:

1. RAISE BOTTOM OF PLENUM OPENING 9".
2. AFTER INSTALLATION OF TRANSITION METAL, INSTALL SILICONE FIBERED ROOF SEALER 4" WIDE CENTERED OVER THE SHEET METAL SEAM AND INSTALL SILICONE ROOF COATING OVER ENTIRE TRANSITION FLASHING (HENRY PRO-GRADE 957 AND 988 OR APPROVED EQUAL).
3. THE CONFIGURATION OF THE PLENUM WILL VARY. CONTRACTOR TO MODIFY TRANSITION METAL AS NECESSARY FOR PLENUM CONFIGURATION.
4. PAINT THE EXPOSED EXTERIOR PORTION OF THE G90 GALVANIZED TRANSITION METAL TO MATCH THE LOUVER COLOR WITH FIELD APPLIED EXTERIOR GRADE PRIMER AND PAINT.

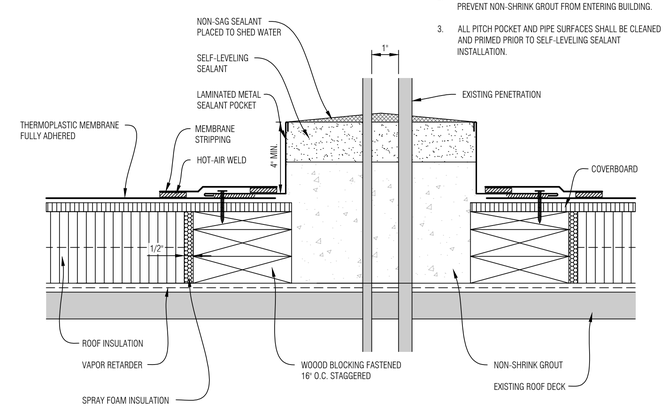


5 A5.1 **LOUVER FLASHING DETAIL**

SCALE: NONE

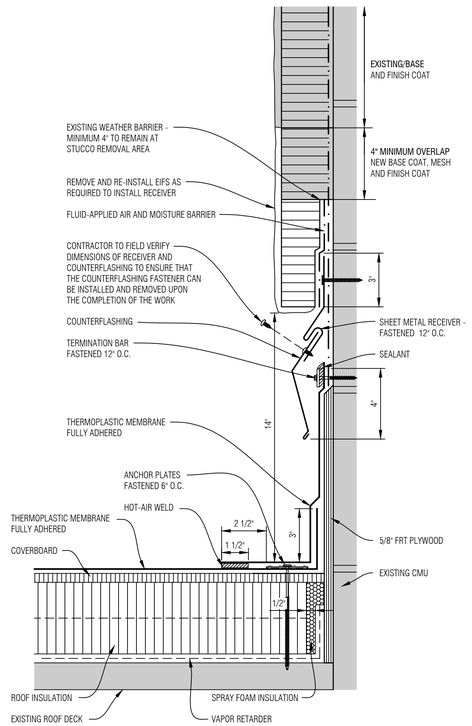
NOTES:

1. ALL LAMINATED METAL SEAMS SHALL BE STRIPPED IN WITH THERMOPLASTIC MEMBRANE.
2. COMPLETELY SEAL AROUND DECK PENETRATIONS TO PREVENT NON-SHRINK GROUT FROM ENTERING BUILDING.
3. ALL PITCH POCKET AND PIPE SURFACES SHALL BE CLEANED AND PRIMED PRIOR TO SELF-LEVELING SEALANT INSTALLATION.



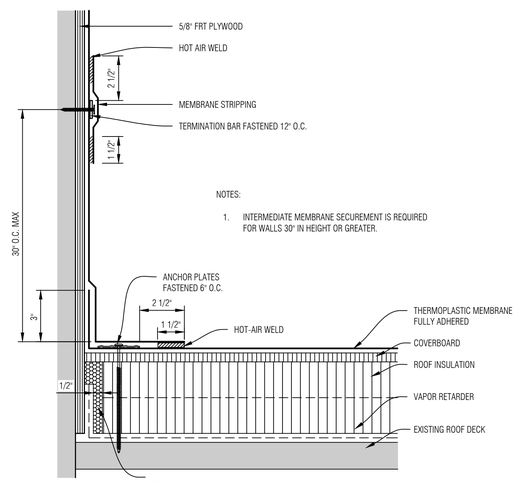
6 A5.1 **SEALANT POCKET DETAIL**

SCALE: NONE



3 A5.1 **BASE FLASHING AT EIFS DETAIL**

SCALE: NONE

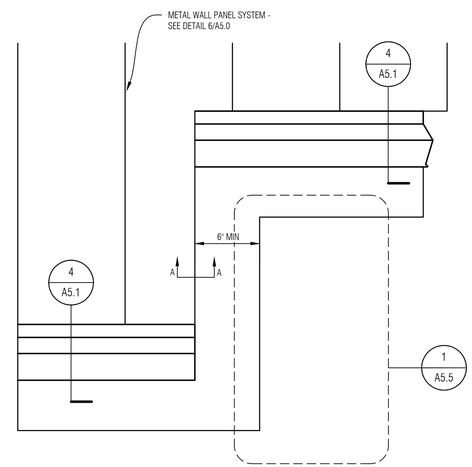


NOTES:

1. INTERMEDIATE MEMBRANE SECUREMENT IS REQUIRED FOR WALLS 30" IN HEIGHT OR GREATER.

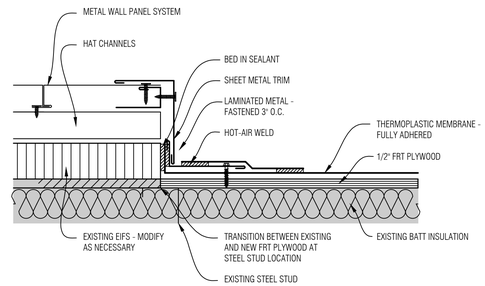
2 A5.1 **BASE FLASHING DETAIL AT ATTIC/MANSARD WALLS**

SCALE: NONE



1 A5.1 **EDGE METAL TERMINATION DETAIL**

SCALE: NONE



SECTION A-A

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:33:07 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

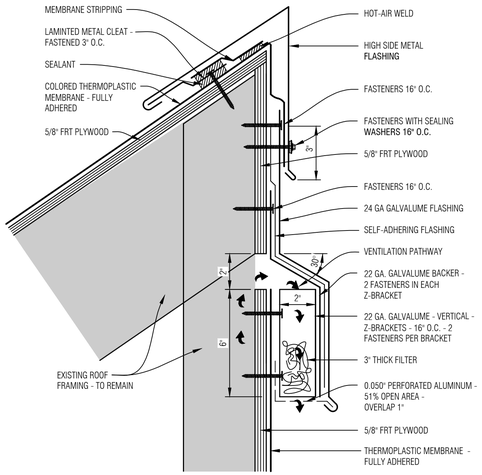
Job No.: DOH43-012-03

Scale: AS NOTED

Drawn By: EMD

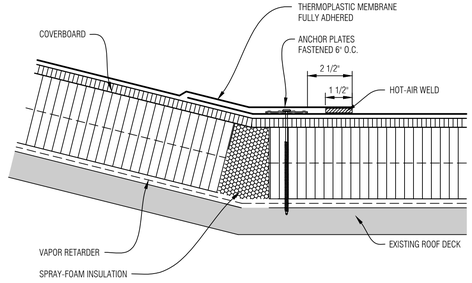
Sheet No.: A5.1

Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE



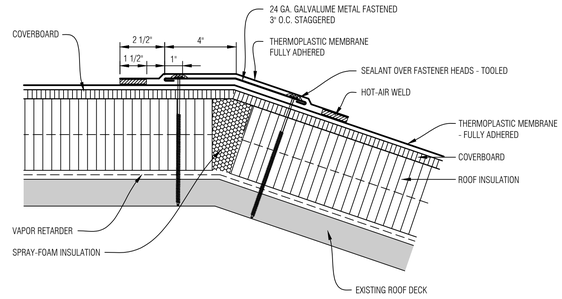
4 / A5.2 HIGH SIDE MEMBRANE ROOF FLASHING

SCALE: NONE



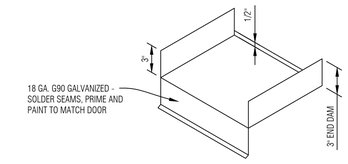
5 / A5.2 MEMBRANE TRANSITION FLASHING DETAIL (VALLEY)

SCALE: NONE



6 / A5.2 MEMBRANE TRANSITION FLASHING DETAIL (RIDGE)

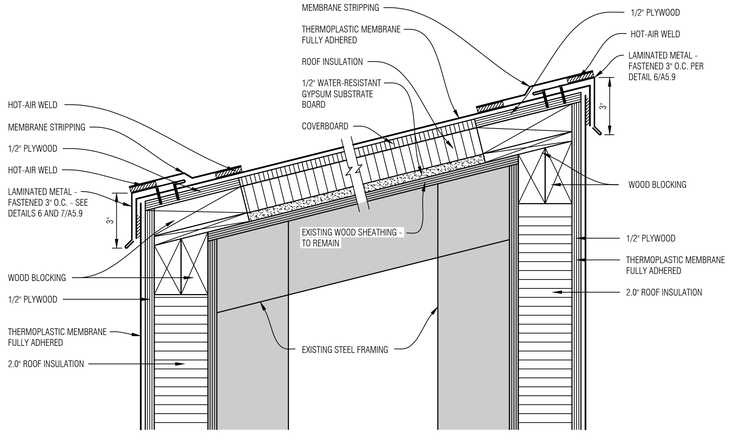
SCALE: NONE



SILL FLASHING ISOMETRIC

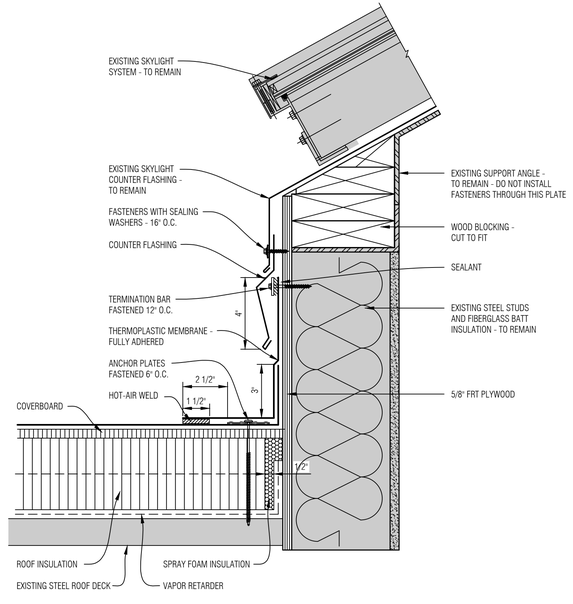
NOTE:

1. SELF-ADHERING FLASHING AT DOOR SILL TO BE TURNED UP JAMBS 3" MINIMUM TO FORM AN END DAM.



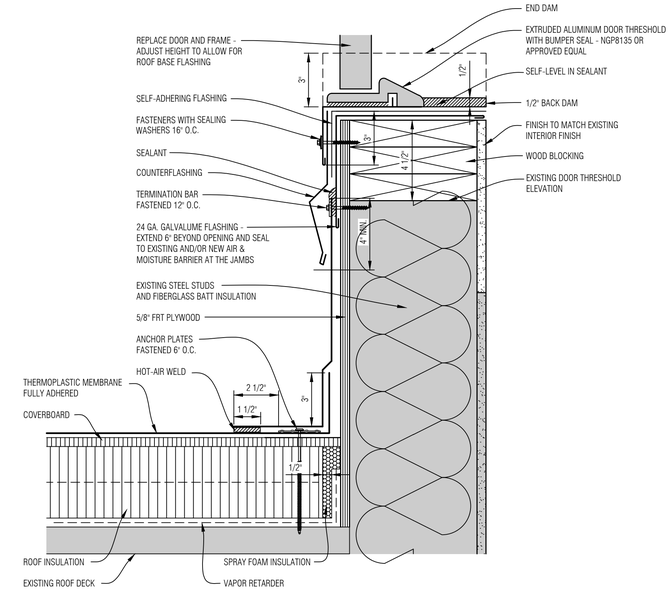
3 / A5.2 SLOPED WALL FLASHING DETAIL

SCALE: NONE



2 / A5.2 SKYLIGHT FLASHING DETAIL

SCALE: NONE



1 / A5.2 DOOR THRESHOLD FLASHING DETAIL

SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED
PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:33:43 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL

4071 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

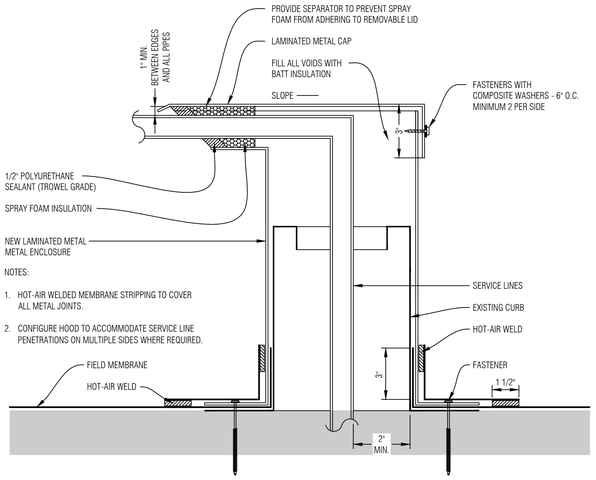
Job No.: DOH43-012-03

Scale: AS NOTED

Drawn By: EMD

Sheet No.: A5.2

Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE

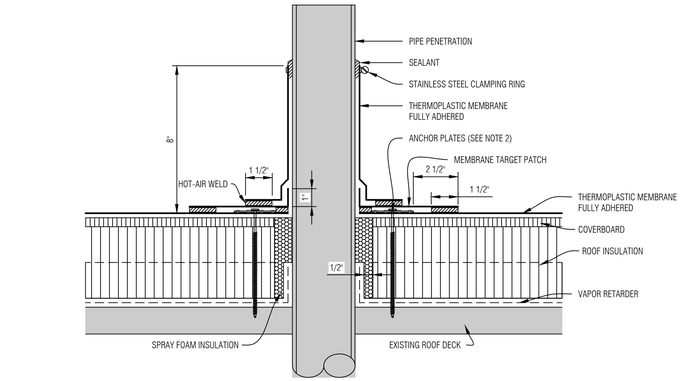


4 / A5.3 PENETRATION FLASHING WITH CLAD METAL

SCALE: NONE

5 / A5.3 DETAIL NOT USED

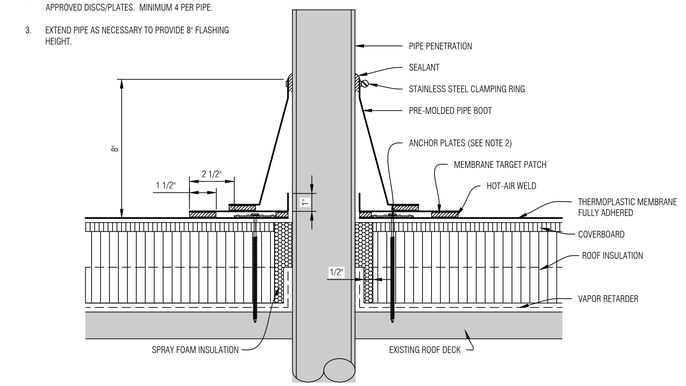
SCALE: NONE



NOTES:

1. ALUMINUM TAPE SEPARATION IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED.
2. INSTALL 2" DIAMETER MEMBRANE MANUFACTURERS APPROVED DISCS/PLATES. MINIMUM 4 PER PIPE.
3. EXTEND PIPE AS NECESSARY TO PROVIDE 8" FLASHING HEIGHT.

ALTERNATE PIPE FLASHING

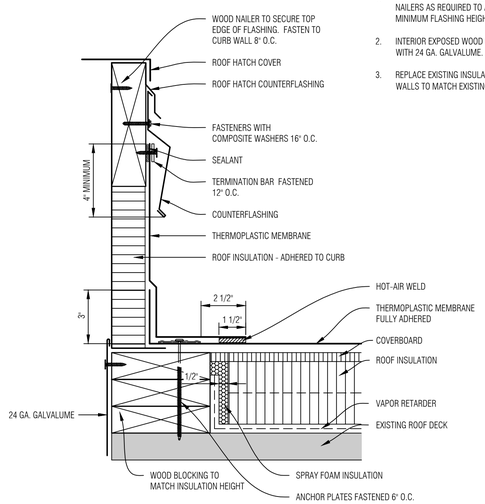


6 / A5.3 PRE-MOLDED PIPE FLASHING DETAIL

SCALE: NONE

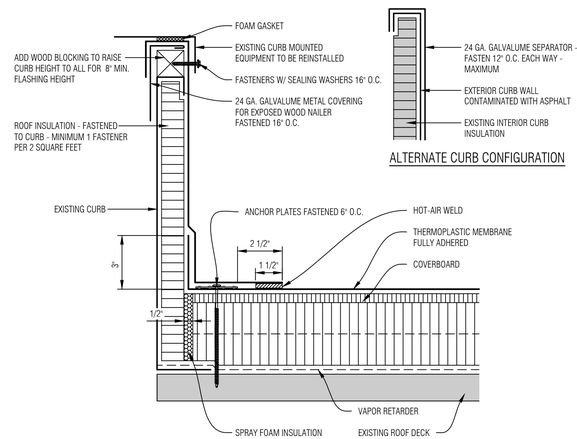
NOTES:

1. ROOF HATCH CURB SHALL BE SET ON WOOD NAILERS AS REQUIRED TO ACCOMMODATE 8" MINIMUM FLASHING HEIGHT REQUIREMENTS.
2. INTERIOR EXPOSED WOOD TO BE COVERED WITH 24 GA. GALVALUME.
3. REPLACE EXISTING INSULATION ON CURB WALLS TO MATCH EXISTING IN THICKNESS.



3 / A5.3 ROOF HATCH FLASHING DETAIL

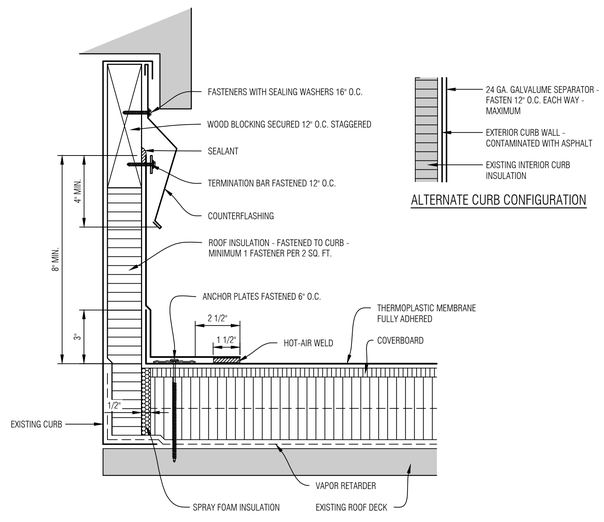
SCALE: NONE



ALTERNATE CURB CONFIGURATION

2 / A5.3 SMALL CURB FLASHING DETAIL

SCALE: NONE



ALTERNATE CURB CONFIGURATION

1 / A5.3 LARGE HVAC CURB FLASHING DETAIL

SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:34:17 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

Job No.: DOH43-012-03

Scale: AS NOTED

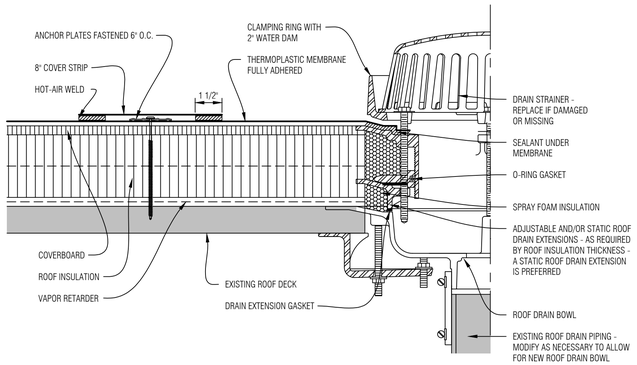
Drawn By: EMD

Sheet No.: A5.3

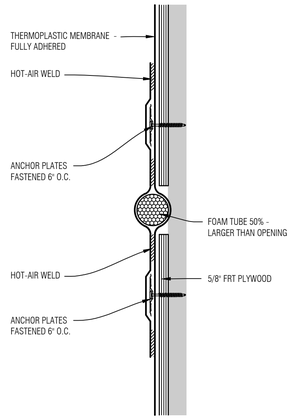
Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE

NOTES:

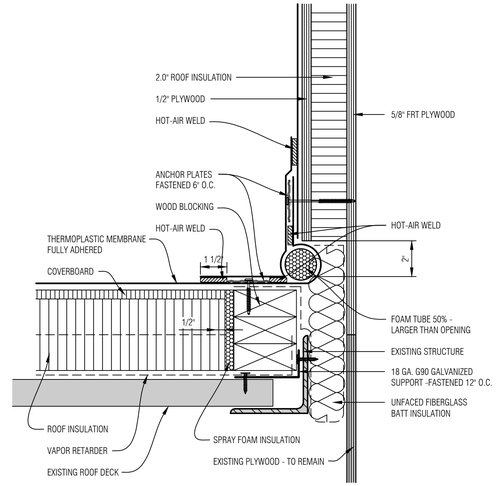
1. DO NOT TAPER THE ROOF INSULATION TO THE OVERFLOW DRAIN BOWL.
2. FORM FLASHING MEMBRANE TO DRAIN BODY AND INSULATION. SET FLASHING MEMBRANE IN SEALANT.
3. DURING THE REMOVAL AND INSTALLATION, INSTALL A TEMPORARY PLUG IN THE ROOF DRAIN TO PREVENT DEBRIS FROM ENTERING THE DRAIN LINE. REMOVE DRAIN PLUG AT THE END OF EACH WORK DAY.
4. THE PERIMETER SECUREMENT SHALL BE APPROXIMATELY 4' FROM THE CENTER OF THE DRAIN AND CAN BE COMBINED WITH THE PERIMETER SECUREMENT FOR THE PRIMARY ROOF DRAIN.
5. INTERIOR ROOF DRAIN BOWL AND DRAINPIPE INSULATION NOT SHOWN, BUT IS REQUIRED TO BE INSTALLED UPON COMPLETION.



4 A5.4 **OVERFLOW DRAIN DETAIL**
SCALE: NONE



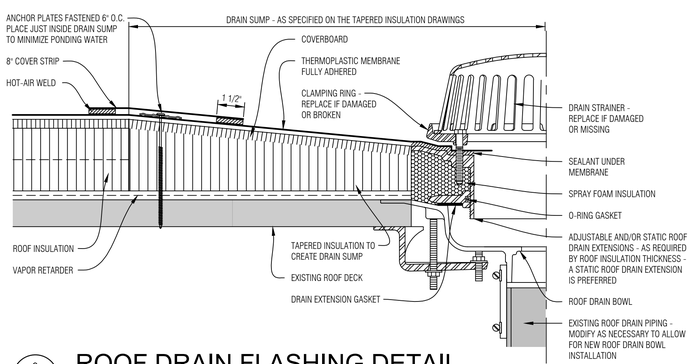
5 A5.4 **WALL EXPANSION JOINT**
SCALE: NONE



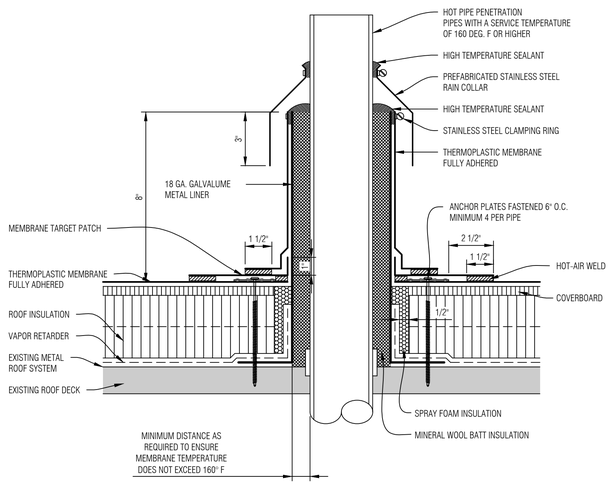
6 A5.4 **EXPANSION JOINT AT BASE OF WALL DETAIL**
SCALE: NONE

NOTES:

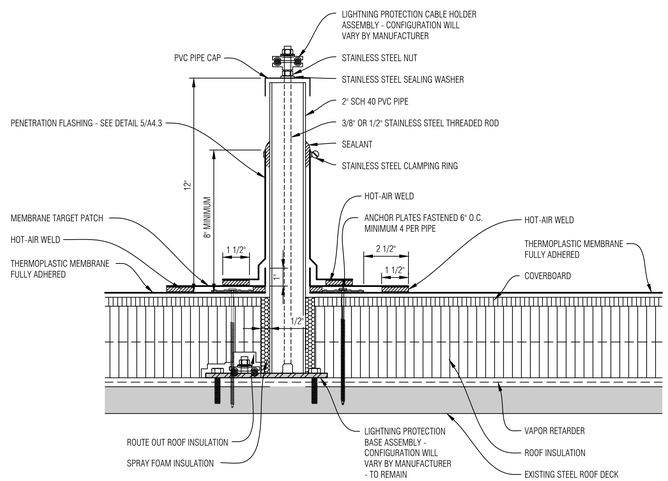
1. PROVIDE ADJUSTABLE AND/OR STATIC ROOF DRAIN EXTENSION AS NECESSARY. TAPER ROOF INSULATION TO DRAIN EXTENSION. PROVIDE TAPERED INSULATION AS SPECIFIED ON THE TAPERED INSULATION DRAWINGS. ROOF INSULATION FACER SHALL NOT BE SHAVED OFF BY FIELD TAPERING.
2. FORM FLASHING MEMBRANE TO DRAIN BODY AND INSULATION TAPER. SET FLASHING MEMBRANE IN SEALANT.
3. DURING THE ROOF REMOVAL AND INSTALLATION, INSTALL A TEMPORARY PLUG IN THE ROOF DRAIN TO PREVENT DEBRIS ENTERING THE DRAIN LINE. REMOVE DRAIN PLUG AT THE END OF EACH WORK DAY.



3 A5.4 **ROOF DRAIN FLASHING DETAIL**
SCALE: NONE



2 A5.4 **HOT PIPE FLASHING DETAIL**
SCALE: NONE



1 A5.4 **LIGHTNING PROTECTION THROUGH ROOF PENETRATION**
SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

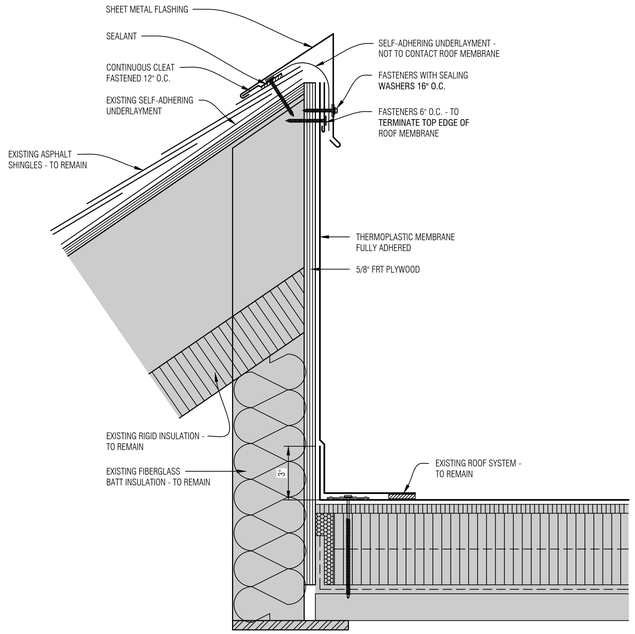
STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:35:37 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

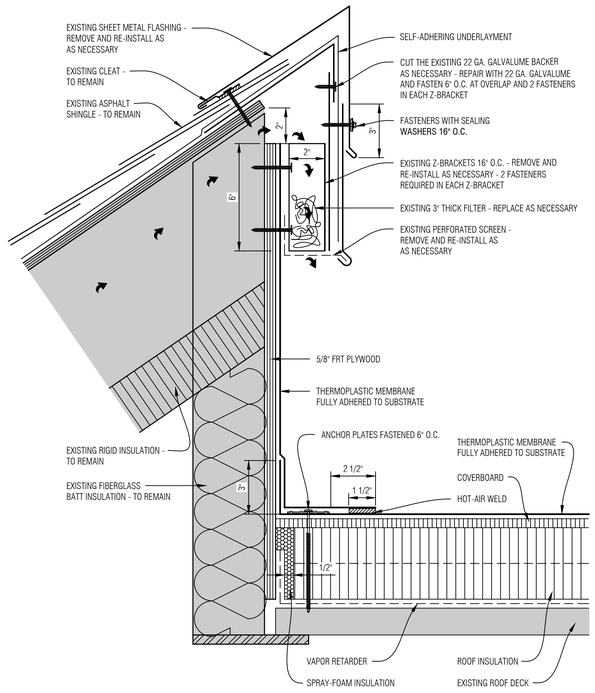
Project:
2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY
DUBLIN CITY SCHOOL DISTRICT
THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A5.4
Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE



4 A5.5 HIGH SIDE DETAIL - NON-VENTED

SCALE: NONE

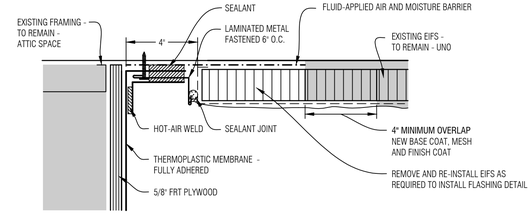


5 A5.5 SHINGLE - HIGH SIDE DETAIL - LOW PARAPET WALL

SCALE: NONE

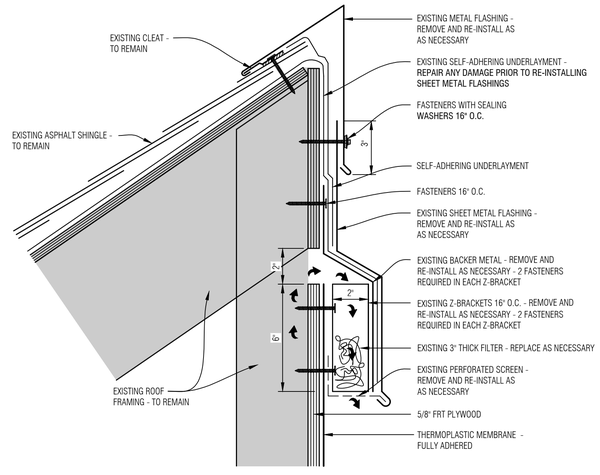
NOTE:

1. REMOVE THE EXISTING EIFS BACK TO THE ADJACENT STUD AND INSTALL 5/8" FRT PLYWOOD SHEATHING, TO ALLOW FOR THE FASTENER INSTALLATION.



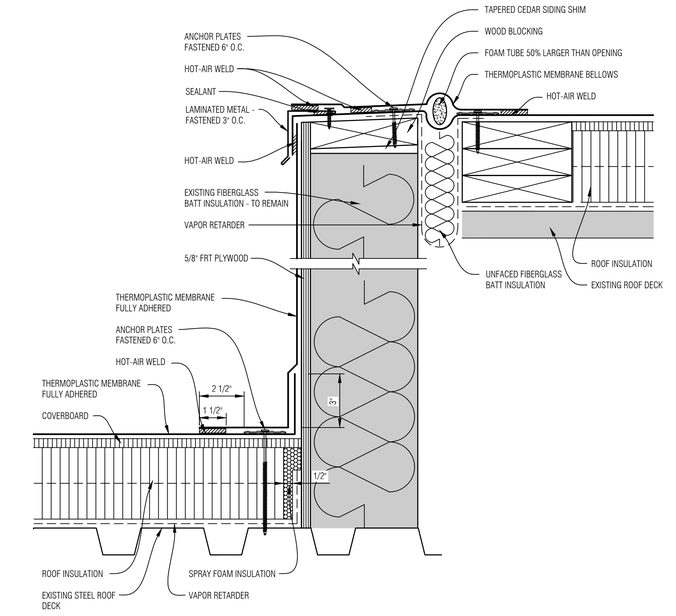
6 A5.5 WALL FLASHING TERMINATION AT EIFS DETAIL

SCALE: NONE



2 A5.5 HIGH SIDE ATTIC VENT (HIGH WALL)

SCALE: NONE



1 A5.5 STEP TRANSITION WITH EXPANSION JOINT

SCALE: NONE

3 A5.5 DETAIL NOT USED

SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:36:16 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4871 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

Job No.: DOH43-012-03

Scale: AS NOTED

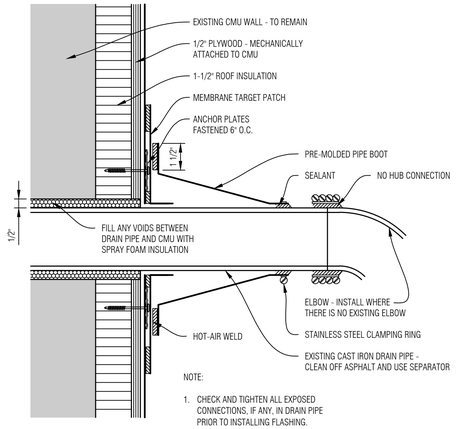
Drawn By: EMD

Sheet No.: A5.5

Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE

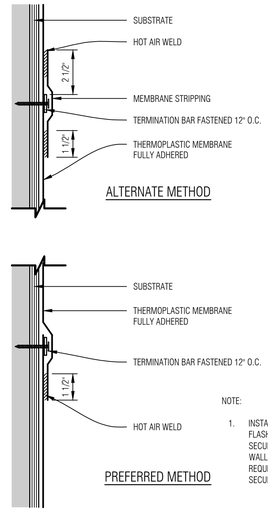
4 A5.6 DETAIL NOT USED

SCALE: NONE



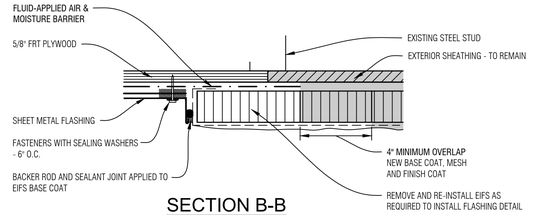
5 A5.6 DRAIN PIPE WALL DETAIL

SCALE: NONE

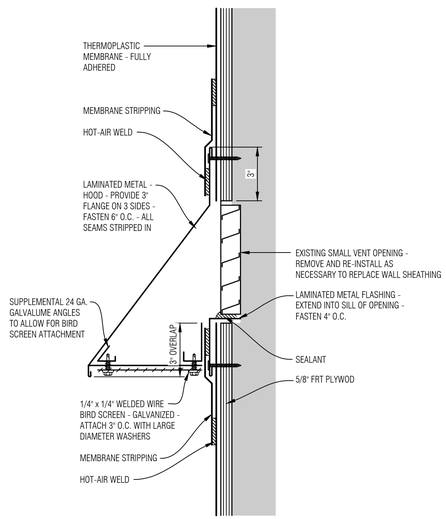


6 A5.6 INTERMEDIATE SECUREMENT DETAIL

SCALE: NONE

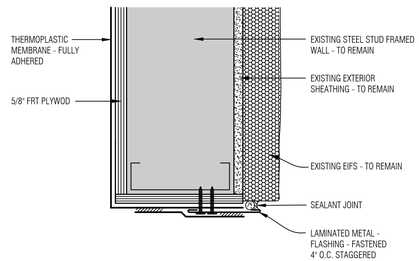


SECTION B-B



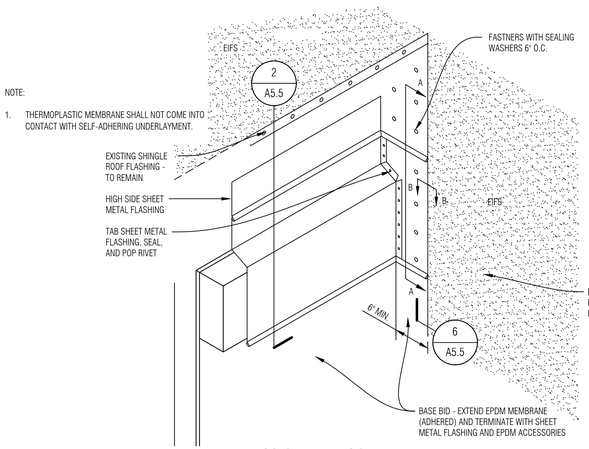
3 A5.6 RAIN HOOD AT SMALL VENT DETAIL

SCALE: NONE

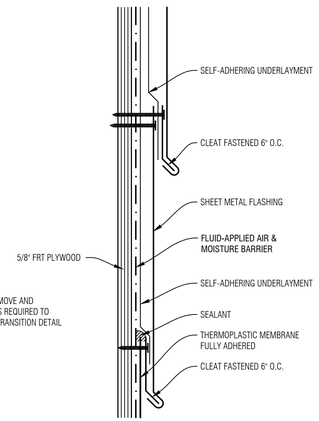


2 A5.6 WALL TERMINATION AT EIFS DETAIL

SCALE: NONE



ISOMETRIC



SECTION A-A

1 A5.6 HIGH SIDE VENT TERMINATION AT EIFS DETAIL

SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:36:53 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

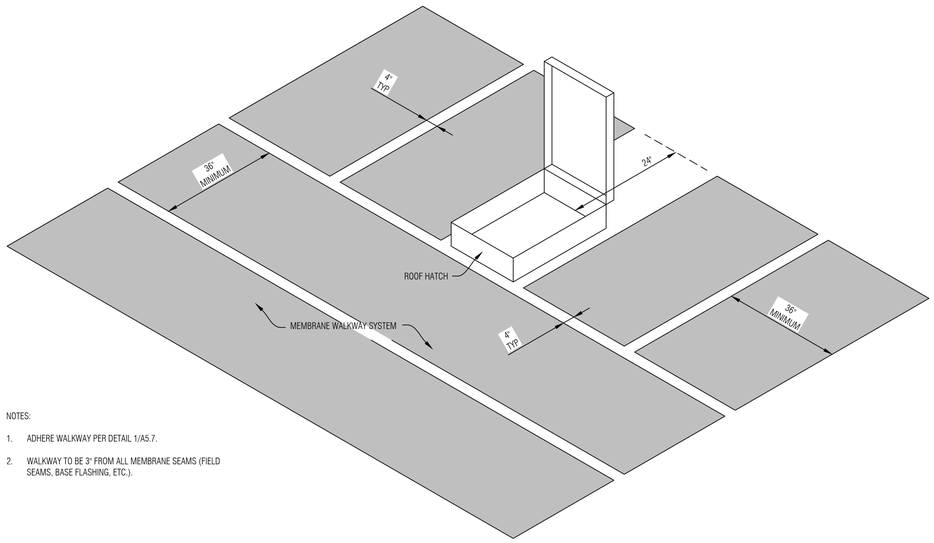
Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4071 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A5.6
Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE

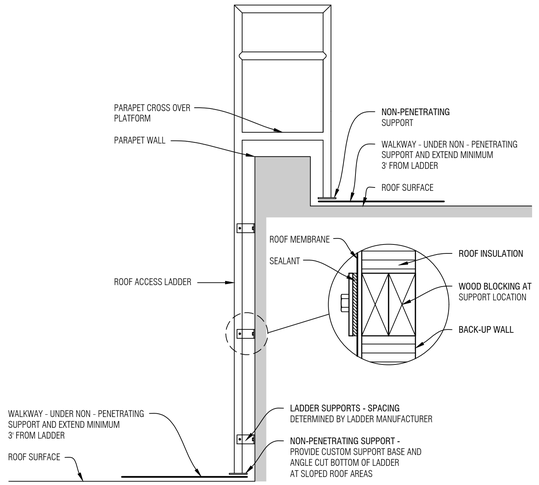


NOTES:

1. ADHERE WALKWAY PER DETAIL 1/A5.7.
2. WALKWAY TO BE 3" FROM ALL MEMBRANE SEAMS (FIELD SEAMS, BASE FLASHING, ETC.).

3 / A5.7 WALKWAY MEMBRANE @ ROOF HATCH DETAIL

SCALE: NONE

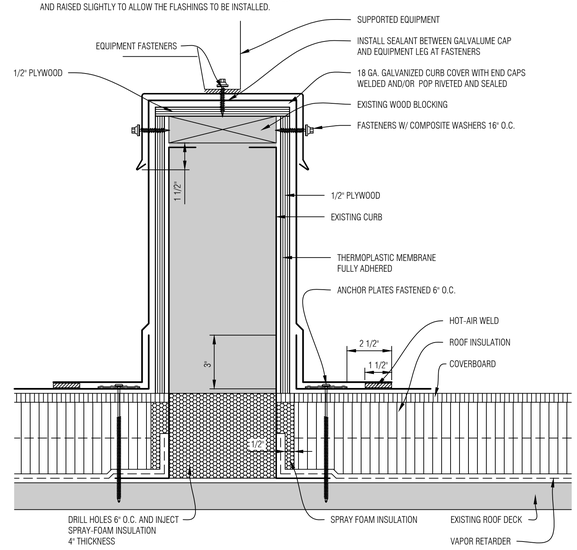


4 / A5.7 ROOF ACCESS LADDER DETAIL

SCALE: NONE

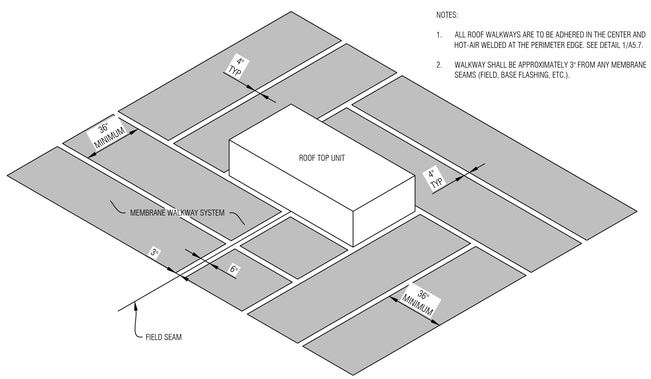
NOTES:

1. THIS EXISTING CURB MOUNTED UNIT SHALL BE TEMPORARILY SUPPORTED AND RAISED SLIGHTLY TO ALLOW THE FLASHINGS TO BE INSTALLED.



5 / A5.7 UNIT SUPPORT CURB DETAIL

SCALE: NONE



NOTES:

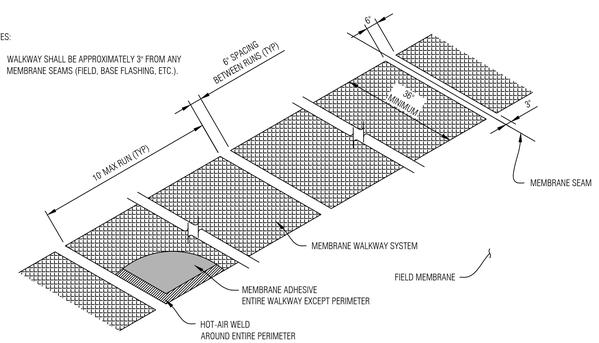
1. ALL ROOF WALKWAYS ARE TO BE ADHERED IN THE CENTER AND HOT-AIR WELDED AT THE PERIMETER EDGE. SEE DETAIL 1/A5.7.
2. WALKWAY SHALL BE APPROXIMATELY 3' FROM ANY MEMBRANE SEAMS (FIELD, BASE FLASHING, ETC.).

2 / A5.7 WALKWAY MEMBRANE @ HVAC UNIT DETAIL

SCALE: NONE

NOTES:

1. WALKWAY SHALL BE APPROXIMATELY 3' FROM ANY MEMBRANE SEAMS (FIELD, BASE FLASHING, ETC.).



1 / A5.7 WALKWAY MEMBRANE DETAIL

SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:37:30 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

Job No.: DOH43-012-03

Scale: AS NOTED

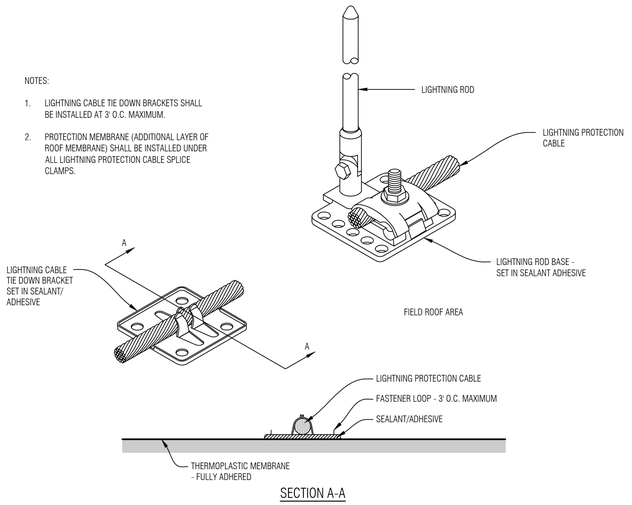
Drawn By: EMD

Sheet No.: A5.7

Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE

NOTES:

1. LIGHTNING CABLE TIE DOWN BRACKETS SHALL BE INSTALLED AT 3' O.C. MAXIMUM.
2. PROTECTION MEMBRANE (ADDITIONAL LAYER OF ROOF MEMBRANE) SHALL BE INSTALLED UNDER ALL LIGHTNING PROTECTION CABLE SPLICE CLAMPS.



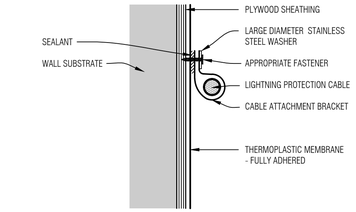
SECTION A-A

4 A5.8 LIGHTNING PROTECTION CABLE - ROOF MEMBRANE ATTACHMENT

SCALE: NONE

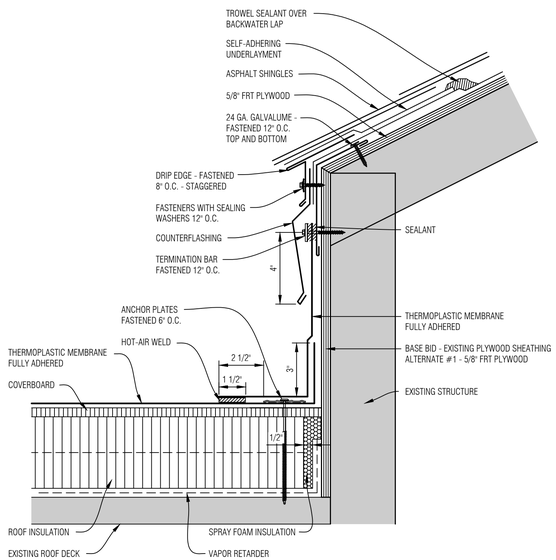
7 A5.8 DETAIL NOT USED

SCALE: NONE



6 A5.8 LIGHTNING PROTECTION CABLE - FIXTURE ATTACHMENT TO WALL

SCALE: NONE

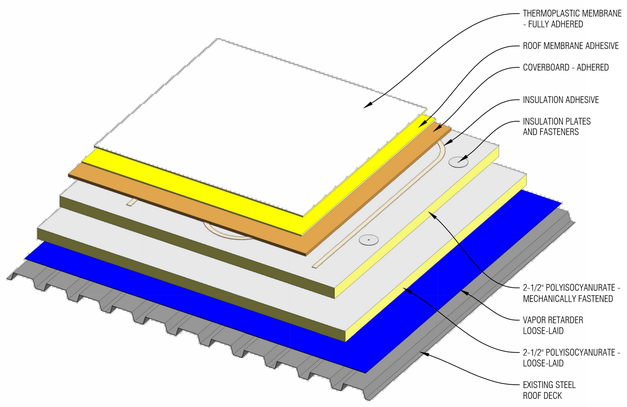


3 A5.8 BASE FLASHING AT SLOPED ROOF

SCALE: NONE

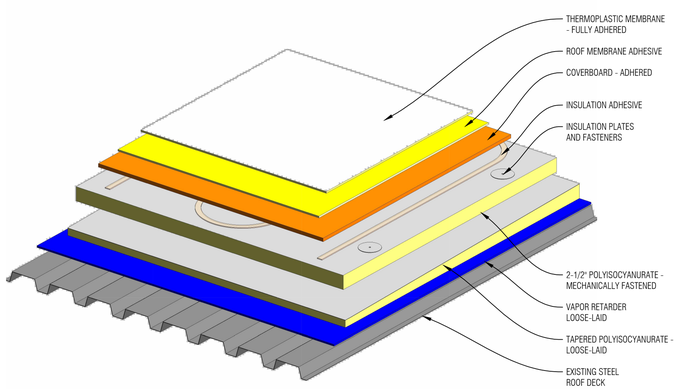
5 A5.8 DETAIL NOT USED

SCALE: NONE



2 A5.8 ROOF ASSEMBLY #2

SCALE: NONE



1 A5.8 ROOF ASSEMBLY #1

SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:38:10 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

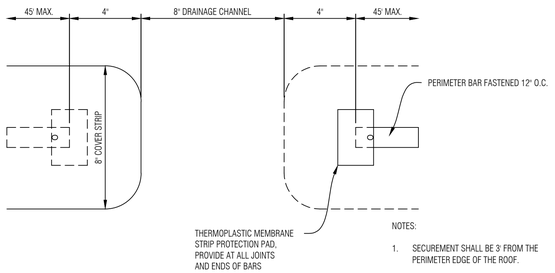
Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

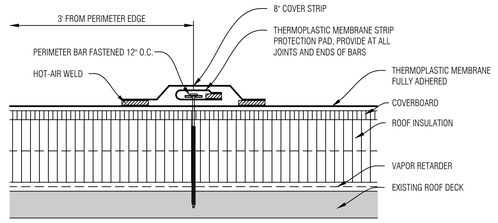
Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A5.8
Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE



NOTES:

1. SECUREMENT SHALL BE 3' FROM THE PERIMETER EDGE OF THE ROOF.
2. PROVIDE DRAINAGE CHANNELS IN FRONT OF THROUGH-WALL SCUPPERS, VALLEY LINES, AND ROOF DRAINS.

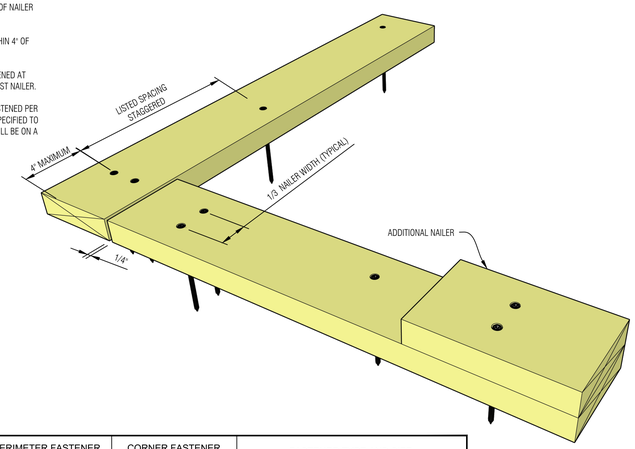
DRAINAGE CHANNEL



4 / A5.9 PERIMETER SECUREMENT DETAIL
SCALE: NONE

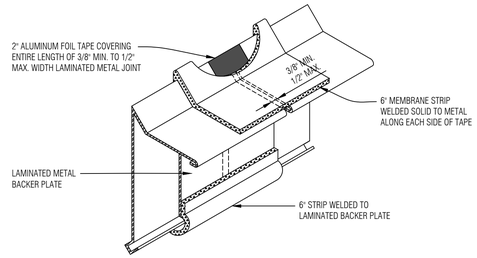
NOTES:

1. ALL PERIMETER NAILERS SHALL BE A MINIMUM OF 2" x 6".
2. FASTENERS IN 6" OR WIDER (NOMINAL) LUMBER SHALL BE INSTALLED IN TWO (2) ROWS, STAGGERED 1/3 OF NAILER WIDTH.
3. TWO (2) FASTENERS SHALL BE INSTALLED WITHIN 4" OF EACH NAILER END.
4. A MAXIMUM OF TWO (2) LAYERS CAN BE FASTENED AT ONE TIME AFTER THE INSTALLATION OF THE FIRST NAILER.
5. ALL NEW AND EXISTING NAILERS SHALL BE FASTENED PER THIS DETAIL. IF THE NAILER IS EXISTING AND SPECIFIED TO BE RE-USED, THE ADDITIONAL SECUREMENT WILL BE ON A CHANGE ORDER BASIS.

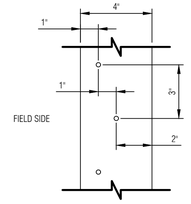


ATTACHMENT SUBSTRATE	PERIMETER FASTENER SPACING (MAXIMUM)	CORNER FASTENER SPACING (MAXIMUM)	FASTENER TYPE AND SIZE
STRUCTURAL CONCRETE	12" O.C.	12" O.C.	CONCRETE SCREW MIN. #14 DIA. - 1-1/4" MIN. EMBEDMENT
GROUTED CMU	4' O.C.	2' O.C.	3/8" DIA. ANCHOR BOLTS - 6" MIN. EMBEDMENT
STEEL DECK	12" O.C.	12" O.C.	MIN. #12 ROOFING SCREW - 3/4" MIN. PENETRATION
WOOD	12" O.C.	6" O.C.	MIN. #10 WOOD SCREW - 1-1/2" MIN. PENETRATION

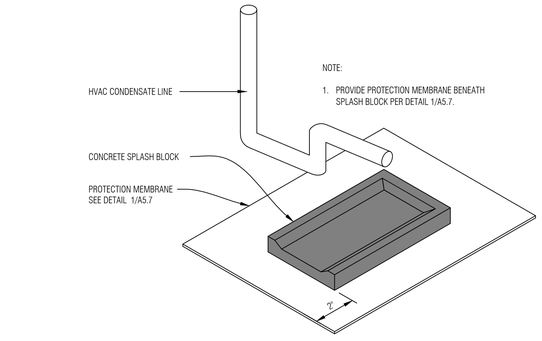
5 / A5.9 NAILER ATTACHMENT DETAIL
SCALE: NONE



7 / A5.9 LAMINATED EDGE METAL BUTT JOINT DETAIL
SCALE: NONE

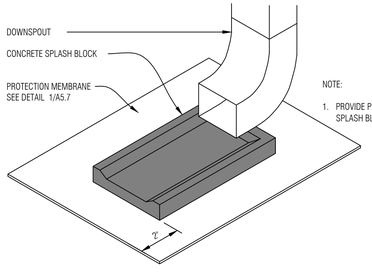


6 / A5.9 LAMINATED EDGE METAL FASTENING DETAIL
SCALE: NONE



NOTE:

1. PROVIDE PROTECTION MEMBRANE BENEATH SPLASH BLOCK PER DETAIL 1/A5.7.



NOTE:

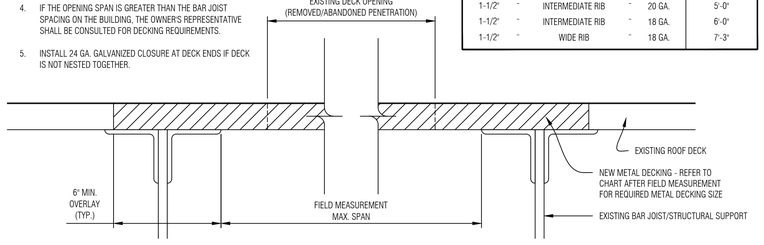
1. PROVIDE PROTECTION MEMBRANE BENEATH SPLASH BLOCK PER DETAIL 1/A5.7.

3 / A5.9 SPLASH BLOCK DETAIL
SCALE: NONE

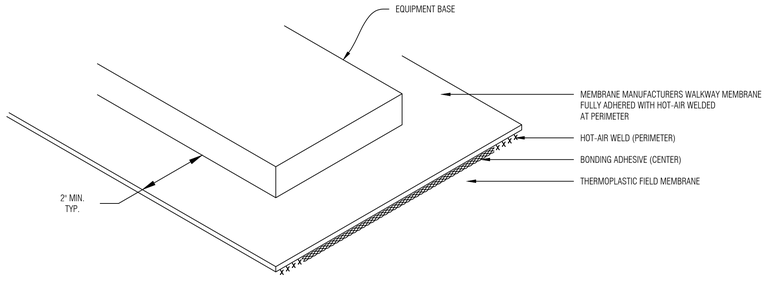
NOTES:

1. REMOVE EXISTING ROOF AS REQUIRED TO INSTALL NEW DECKING.
2. FASTEN OUTSIDE PERIMETER OF METAL DECK A MINIMUM OF 6" O.C.
3. THE NEW DECKING SHALL BE NESTED INTO THE EXISTING DECKING.
4. IF THE OPENING SPAN IS GREATER THAN THE BAR JOIST SPACING ON THE BUILDING, THE OWNER'S REPRESENTATIVE SHALL BE CONSULTED FOR DECKING REQUIREMENTS.
5. INSTALL 24 GA. GALVANIZED CLOSURE AT DECK ENDS IF DECK IS NOT NESTED TOGETHER.

METAL DECK					MAX. SPAN
PLATE	-	G-90 GALVANIZED PLATE	-	18 GA.	0" to 12"
1-1/2"	-	INTERMEDIATE RIB	-	20 GA.	5'-0"
1-1/2"	-	INTERMEDIATE RIB	-	18 GA.	6'-0"
1-1/2"	-	WIDE RIB	-	18 GA.	7'-3"



2 / A5.9 STEEL DECK REPAIR DETAIL
SCALE: NONE



1 / A5.9 LIGHTWEIGHT EQUIPMENT SUPPORT DETAIL
SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

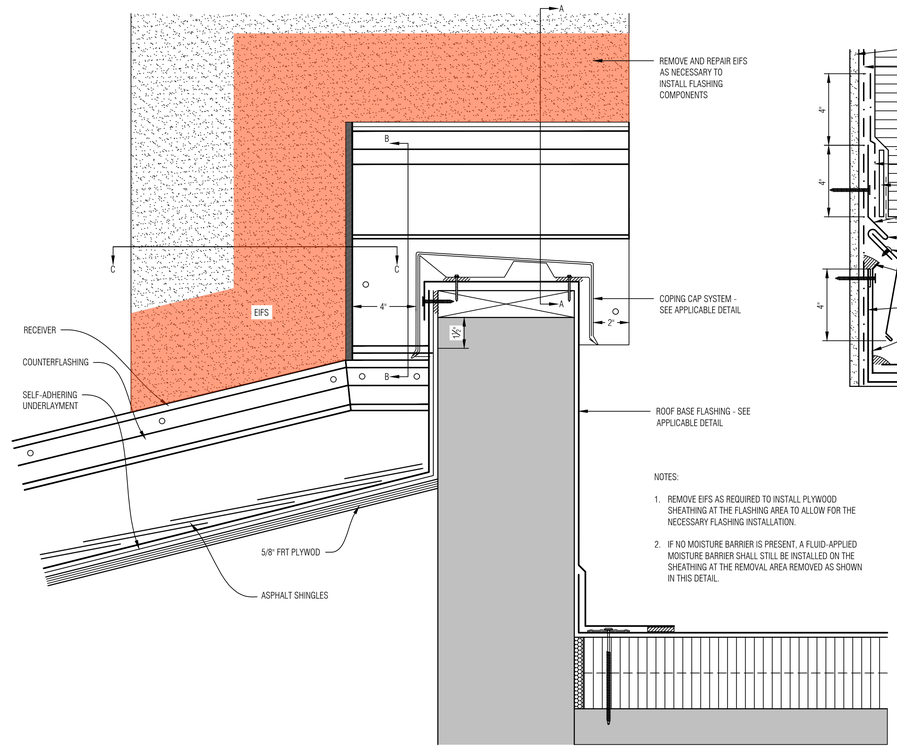
STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:38:50 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:
2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY
DUBLIN CITY SCHOOL DISTRICT
THOMAS ELEMENTARY SCHOOL
4871 TUTTLE ROAD
DUBLIN, OHIO 43017

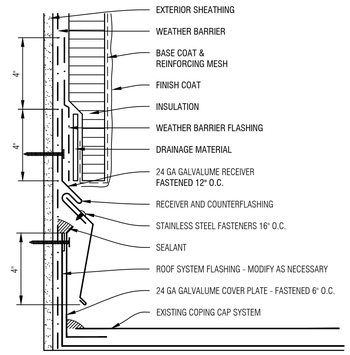
Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A5.9
Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE



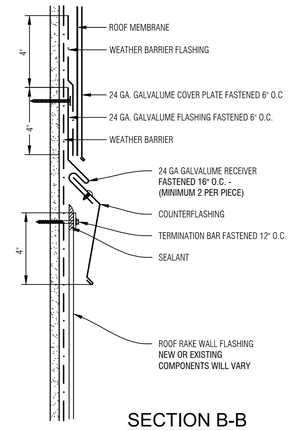
2 A5.10

COPING CAP TERMINATION DETAIL

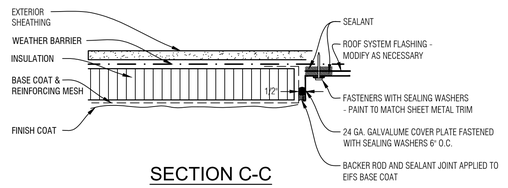
SCALE: NONE



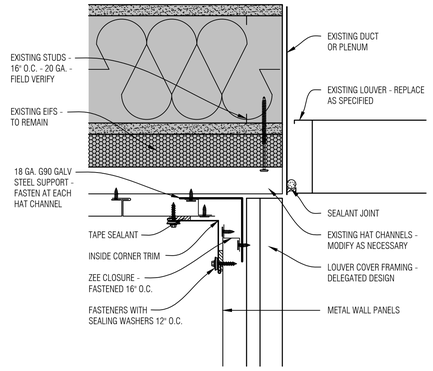
SECTION A-A



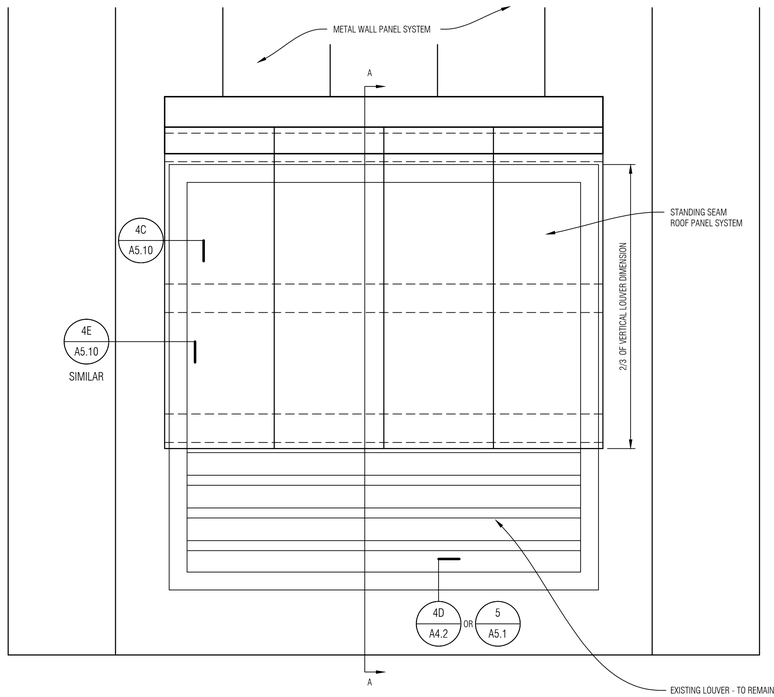
SECTION B-B



SECTION C-C



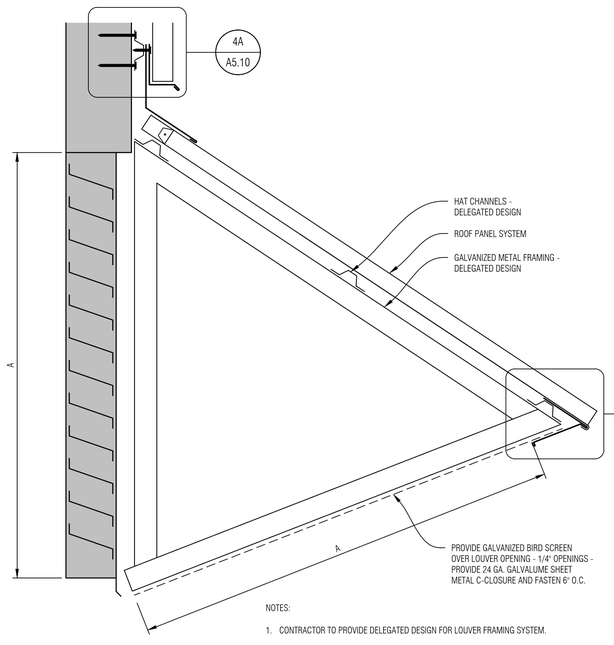
4E LOUVER SIDE TIE-IN TO WALL PANELS



1 A5.10

LOUVER COVER DETAIL

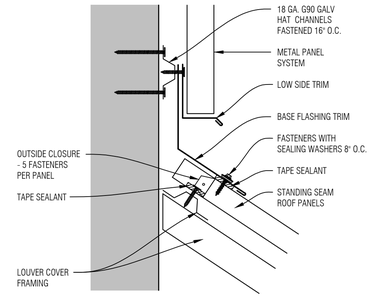
SCALE: NONE



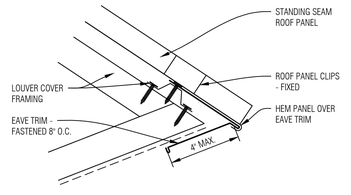
NOTES:

1. CONTRACTOR TO PROVIDE DELEGATED DESIGN FOR LOUVER FRAMING SYSTEM.
2. EXISTING LOUVER COVERS TO BE RE-INSTALLED AS ORIGINALLY INSTALLED, PROVIDING NEW COMPONENTS AS NECESSARY.

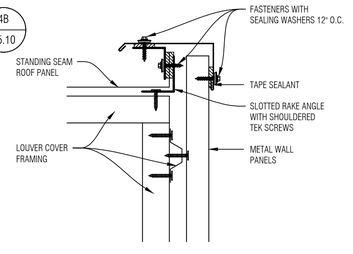
SECTION A-A



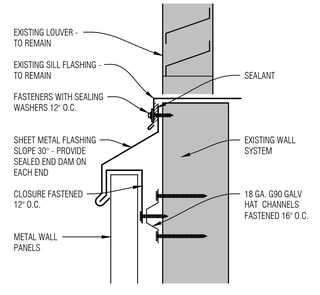
4A HIGH SIDE FLASHING



4B EAVE TRIM



4C RAKE EDGE DETAIL



4D LOUVER SILL FLASHING

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:39:29 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL

4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

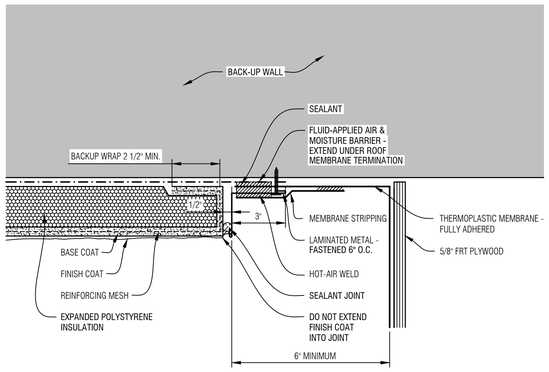
Job No.: DOH43-012-03

Scale: AS NOTED

Drawn By: EMD

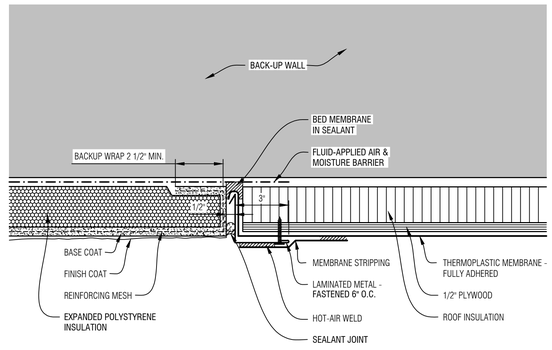
Sheet No.: A5.10

Sheet Name: DETAILS - THERMOPLASTIC MEMBRANE



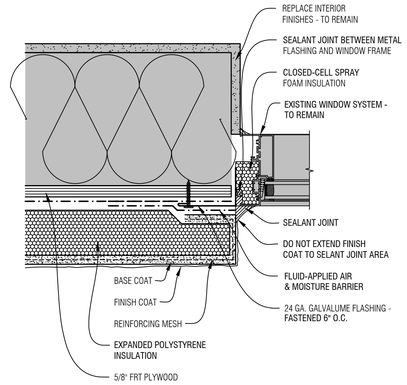
4 A6.0 VERTICAL TERMINATION AT WALL FLASHING

SCALE: NONE



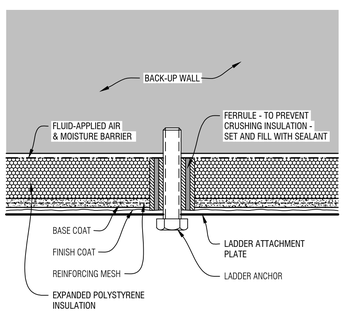
5 A6.0 VERTICAL TERMINATION AT INSULATED ROOF WALL FLASHING

SCALE: NONE



6 A6.0 EIFS TERMINATION AT WINDOW JAMB DETAIL

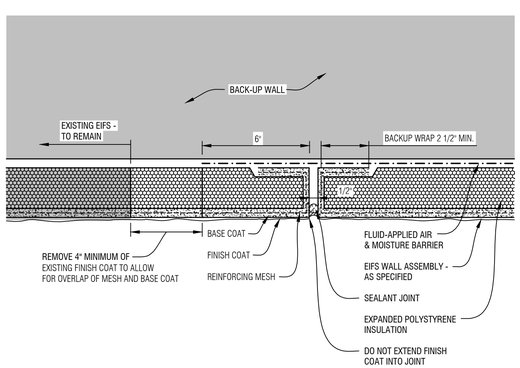
SCALE: NONE



PENETRATION FLASHING DETAIL AT ROOF ACCESS LADDER

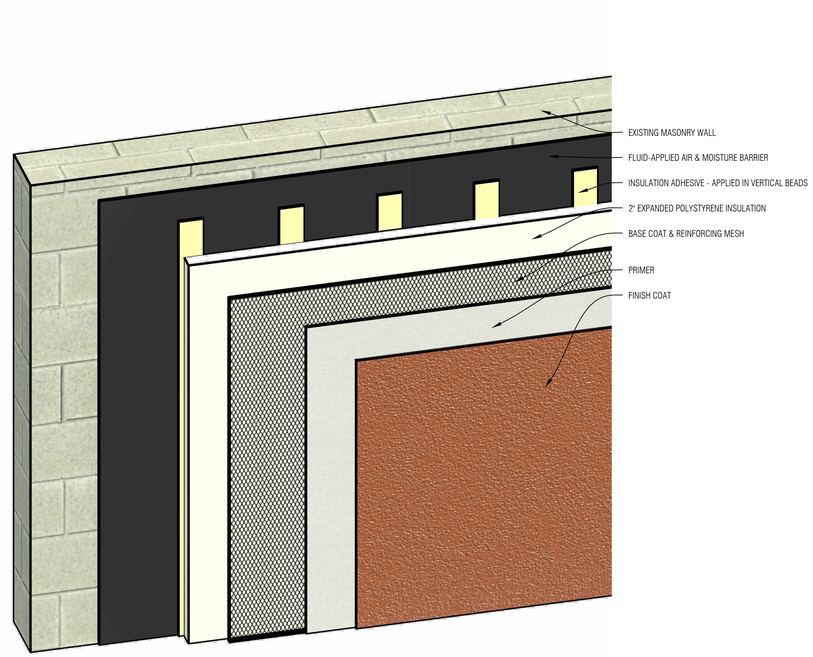
3 A6.0

SCALE: NONE



2 A6.0 CONTROL JOINT DETAIL

SCALE: NONE



1 A6.0 EIFS WALL ASSEMBLY DETAIL

SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:40:08 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:

2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY

DUBLIN CITY SCHOOL DISTRICT

THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL

Date: 08.28.2026

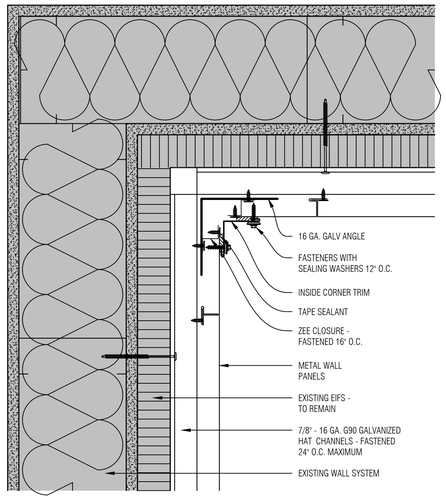
Job No.: DOH43-012-03

Scale: AS NOTED

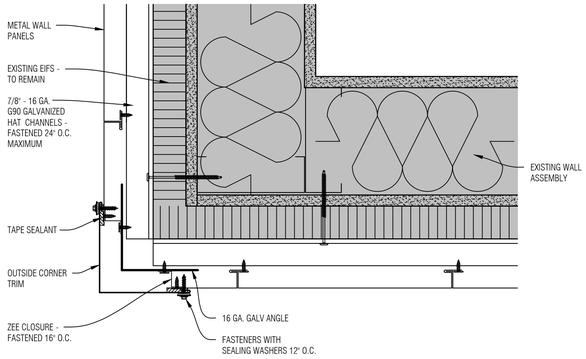
Drawn By: EMD

Sheet No.: A6.0

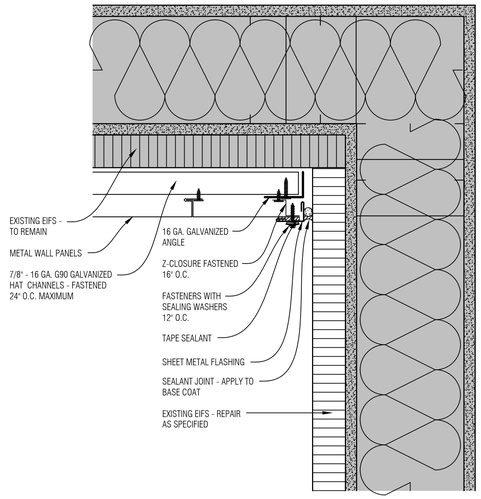
Sheet Name: DETAILS - EIFS



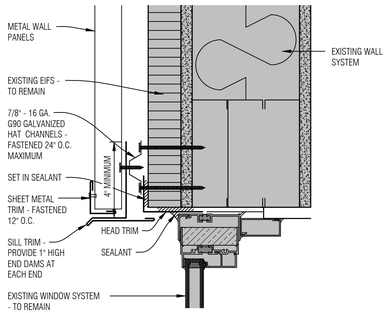
4 A6.1 **INSIDE CORNER DETAIL**
SCALE: NONE



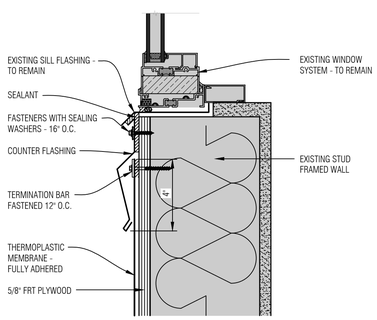
5 A6.1 **OUTSIDE CORNER DETAIL**
SCALE: NONE



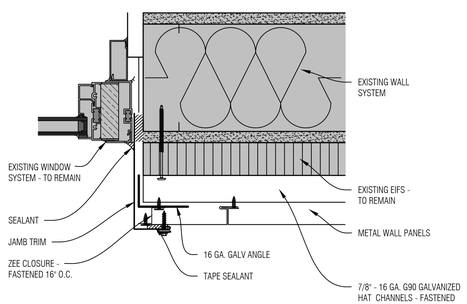
6 A6.1 **METAL WALL PANEL VERTICAL TERMINATION**
SCALE: NONE



HEAD

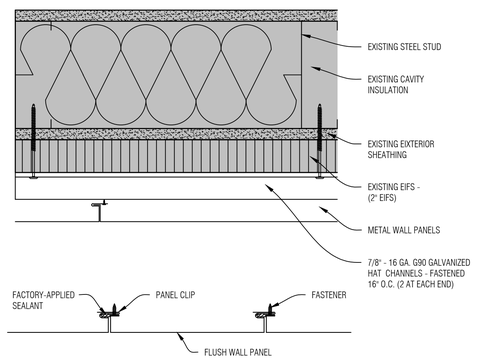


SILL

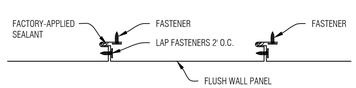


JAMB

3 A6.1 **ALUMINUM WINDOW DETAILS AT METAL PANELS**
SCALE: NONE

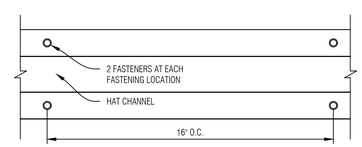


LOCKING PANELS OR LOCKING CLIPS



NON-LOCKING PANELS

2 A6.1 **METAL WALL PANEL SYSTEM DETAIL**
SCALE: NONE



NOTES:

1. MAXIMUM 2' SPACING BETWEEN HAT CHANNELS. PROVIDE CLOSER SPACING AS REQUIRED BY DELEGATED DESIGN.
2. HAT CHANNELS TO BE 16 GA. G90 GALVANIZED.
3. PROVIDE ADDITIONAL HAT CHANNELS AS REQUIRED FOR FLASHING CONDITIONS.
4. FASTENER AT THE STEEL STUD AREAS SHALL BE A MINIMUM OF A #12 (TRIANGLE BLAZER OR APPROVED EQUAL).

1 A6.1 **METAL WALL PANEL SUB-FRAMING DETAIL**
SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	09.11.26
1	Design Development	08.28.26

STATE OF OHIO
DANIEL A. LAWRENCE
E-66503
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by Daniel Lawrence
Date: 2026.09.09 14:40:48 -04'00'

MAYS CONSULTING
Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
P.O. Box 1020
Delaware, Ohio 43015
740.363.9511

Project:
2027 ROOF REPLACEMENT PROJECT AT THOMAS ELEMENTARY
DUBLIN CITY SCHOOL DISTRICT
THOMAS ELEMENTARY SCHOOL
4671 TUTTLE ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 08.28.2026
Job No.: DOH43-012-03
Scale: AS NOTED
Drawn By: EMD
Sheet No.: A6.1
Sheet Name: DETAILS - EIFS