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REROOFING PROJECT

FOR THE

MERRILLVILLE COMMUNITY SCHOOL CORP.

6701 DELWARE STREET
MERRIVILLE, INDIANA 46410

SCHOOL BOARD

JUDY DUNLAP
JAME DONOHUE
LINDA JONAITIS
DELENA THOMAS
ALEX DUNLAP III

PRESIDENT
VICE-PRESIDENT
SECRETARY
MEMBER
MEMBER

ADMINISTRATION

NICK BROWN
MEGHAN DAMRON
GREG GRIFFITH

SUPERINTENDENT
CHIEF FINANCIAL OFFICER
DIRECTOR OF MAINTENANCE SERVICES

GENERAL NOTES

1. WHETHER HEREIN STATED OR NOT, ALL WORK SHALL BE IN FULL ACCORDANCE WITH THE RULES AND REGULATIONS OF THE INDIANA DEPARTMENT OF HOMELAND SECURITY, DIVISION OF FIRE AND BUILDING SAFETY AND ALL OTHER APPLICABLE LAWS, CODES, ORDINANCES, RULES AND REGULATIONS.
2. ALL CONSTRUCTION SHALL BE IN FULL ACCORDANCE WITH THE BUILDING SAFETY REGULATIONS AS PROMULGATED BY THE INDIANA DIVISION OF LABOR. CONTRACTOR(S) SHALL ASSUME FULL RESPONSIBILITY FOR THE ENFORCEMENT OF ANY INFRACTIONS OF SUCH RULES AND REGULATIONS.
3. UNLESS OTHERWISE SPECIFIED ALL WORK SHALL BE GOVERNED BY THE CURRENT STANDARD A.I.A. DOCUMENT A201, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, 2007 EDITION.
4. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVE GROUND STRUCTURES. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/ STRUCTURES MAY BE ENCOUNTERED. ALL UTILITY LOCATIONS SHALL BE FIELD VERIFIED BY THE APPROPRIATE UTILITY COMPANY OR THEIR LOCATION SERVICE PRIOR TO CONSTRUCTION.

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME AND UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE ARE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE INDIANA DEPARTMENT OF FIRE PREVENTION AND BUILDING SAFETY.



THOMAS E. KUHN

IND. REG. #19500131

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SHEET INDEX TABLE

SHEET NUMBER	SHEET TITLE
TITLE	TITLE SHEET
MERRILLVILLE HIGH SCHOOL	
A3.1.0	MASTER ROOF PLAN - MHS
A3.1.1	PARTIAL ROOF PLAN - MHS - AREA A
A3.1.2	PARTIAL ROOF PLAN - MHS - AREA B
A3.1.3	PARTIAL ROOF PLAN - MHS - AREA C
SHINGLE ROOFS	
A3.2.1	PARTIAL ROOF PLAN - MILLER ELEMENTARY - AREA A, B & C
A3.3.1	PARTIAL ROOF PLAN - WOOD ELEMENTARY - AREA A
A3.3.2	PARTIAL ROOF PLAN - WOOD ELEMENTARY - AREA B



DATE
02/03/2025

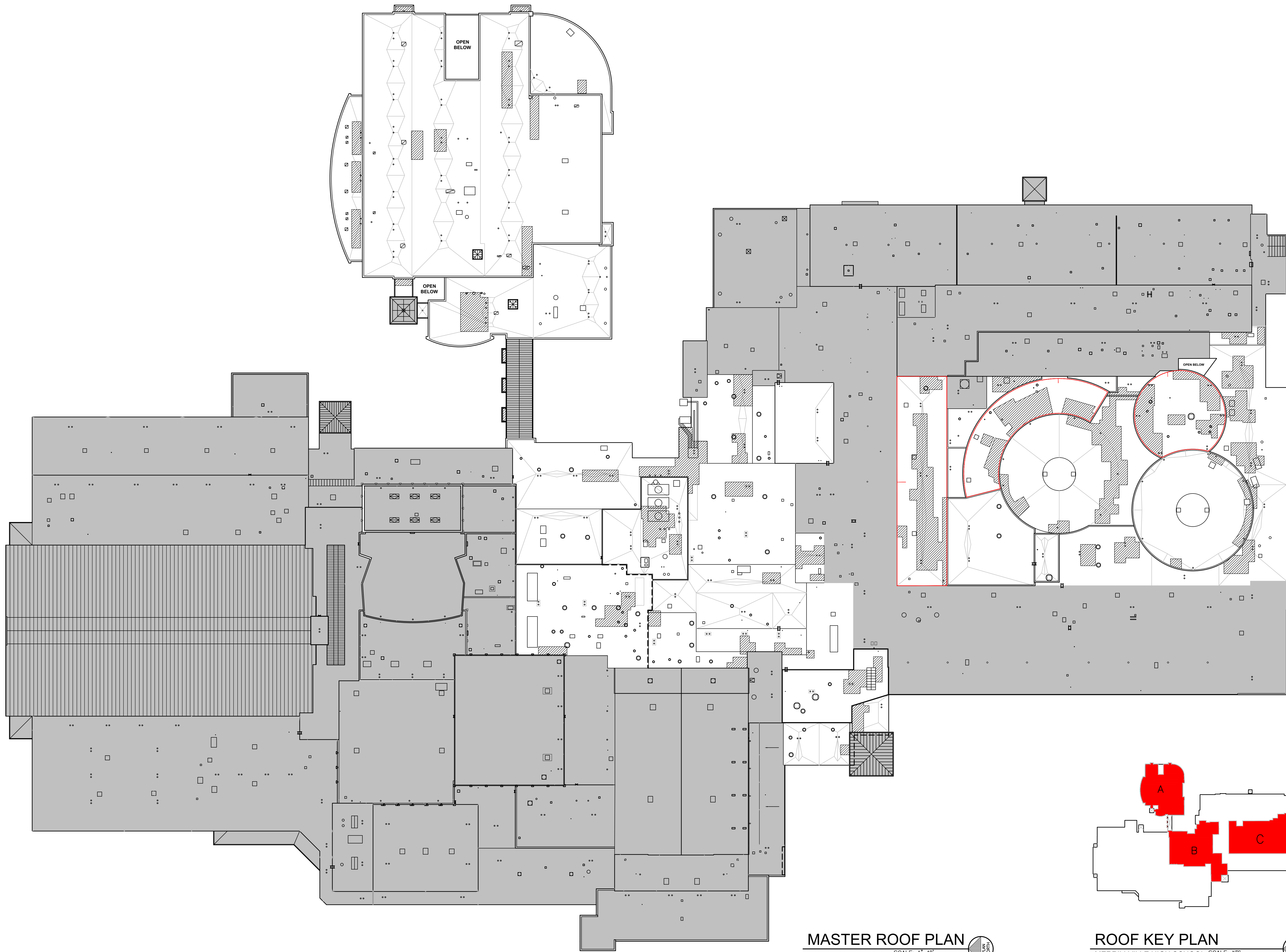
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 6701 DELAWARE STREET
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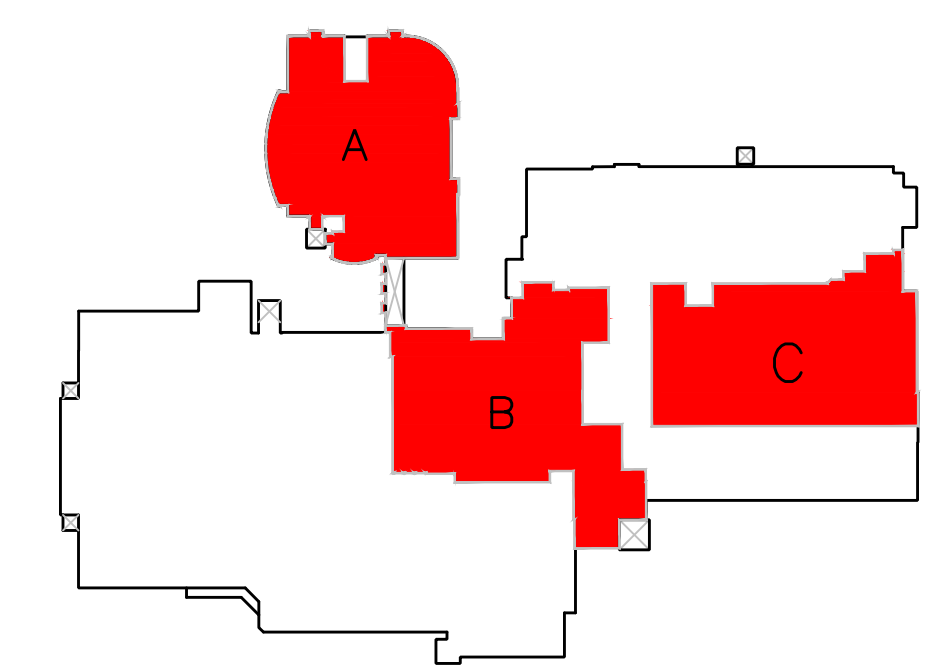
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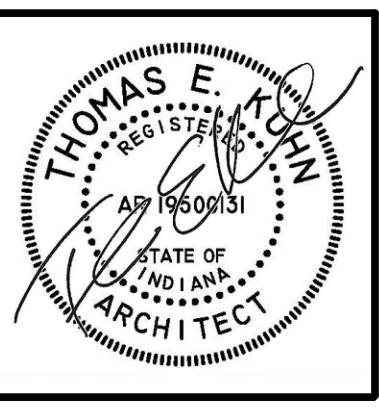
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MASTER ROOF PLAN
SCALE: 1"=40'



ROOF KEY PLAN
MERRILLVILLE HIGH SCHOOL SCALE: NTS



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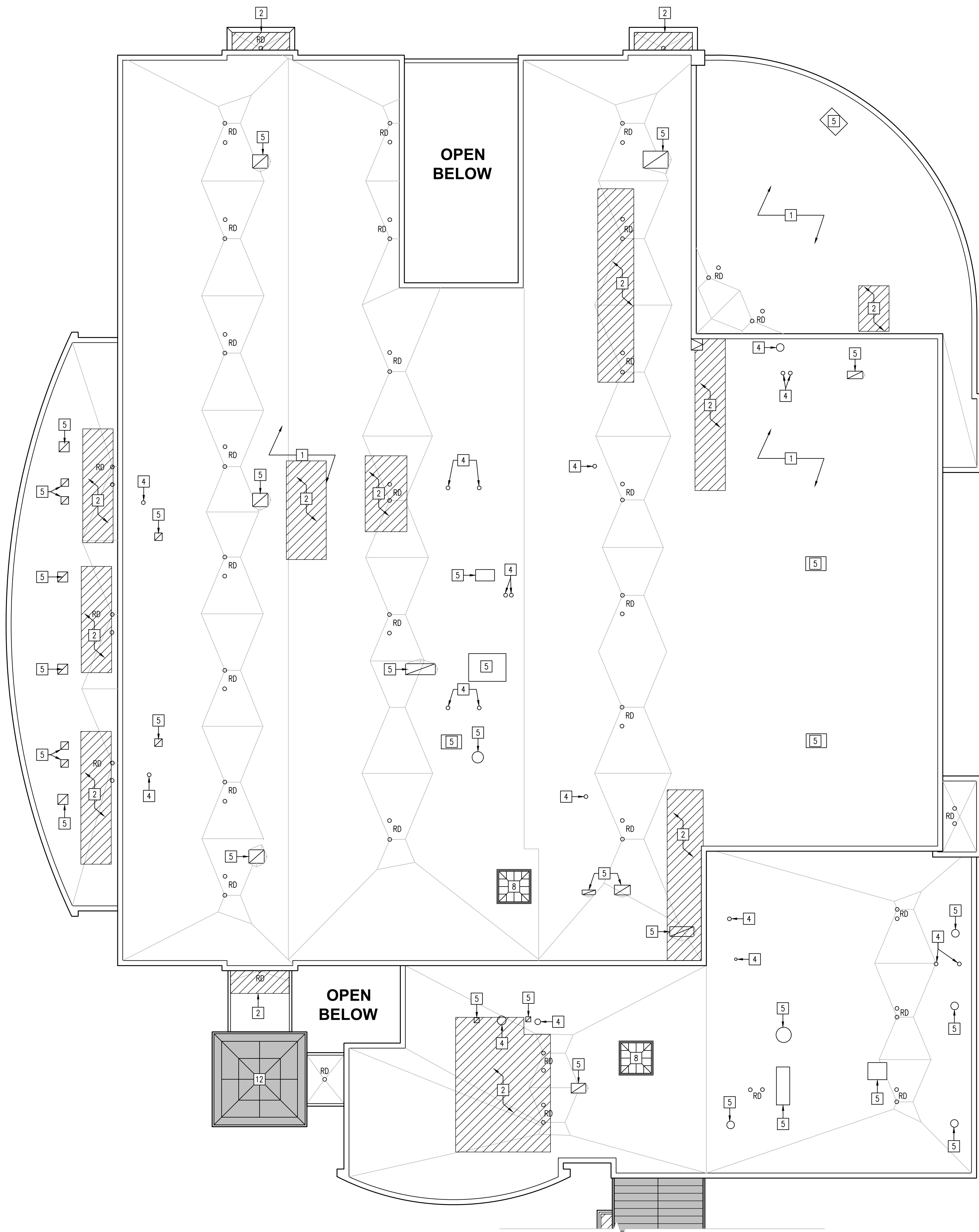
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A
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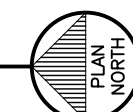
MERRILLVILLE HIGH SCHOOL

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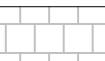
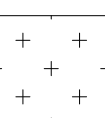




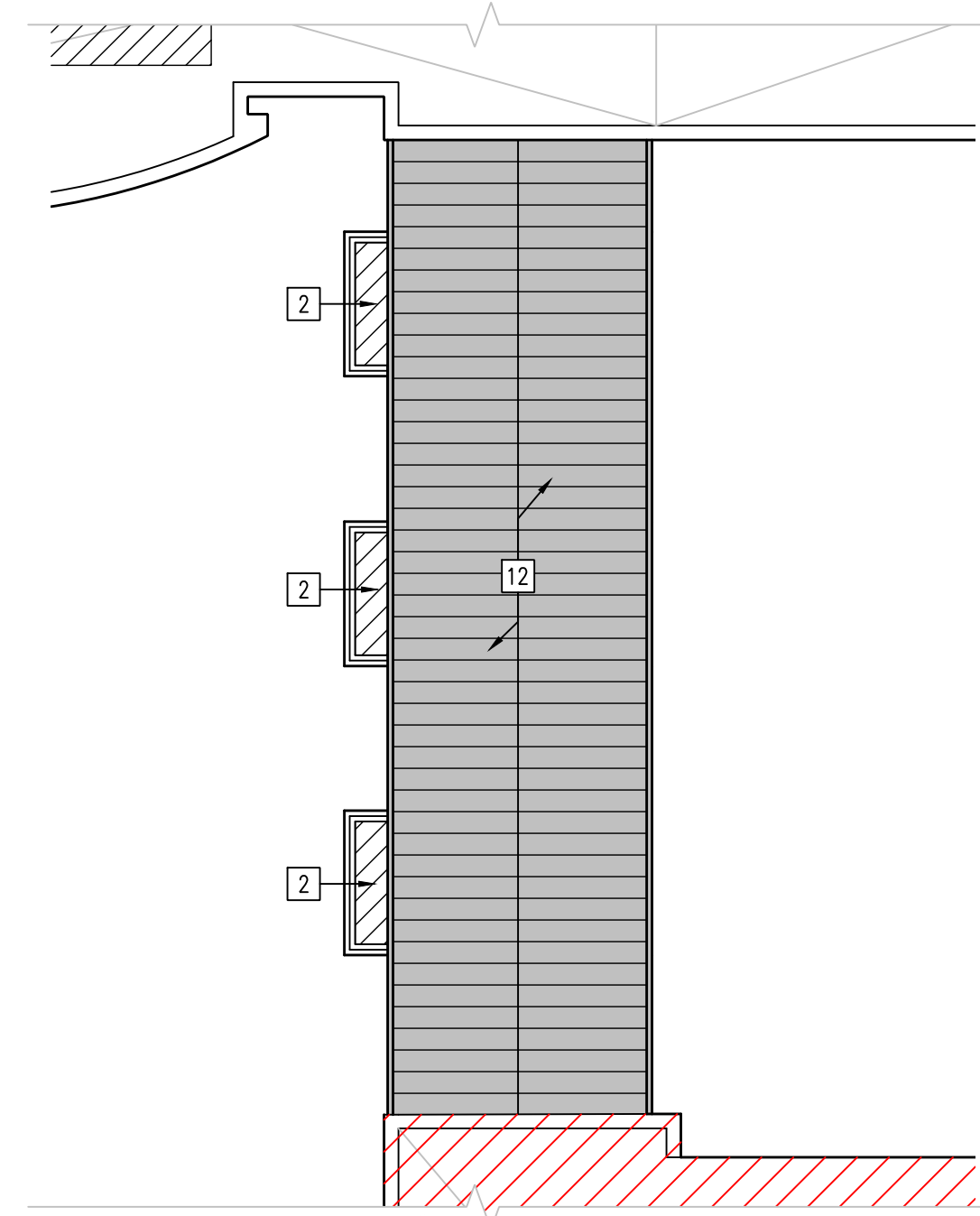
PARTIAL ROOF PLAN
AREA 'A'

SCALE: 1/16" = 1'-0"




ROOF LEGEND

-  ASPHALT FIBERGLASS SHINGLE
-  ICE DAM PROTECTION (OVERLAPPING EACH ROW 6" MIN.)
-  RIDGE VENT
-  RIDGE CAP SHINGLES

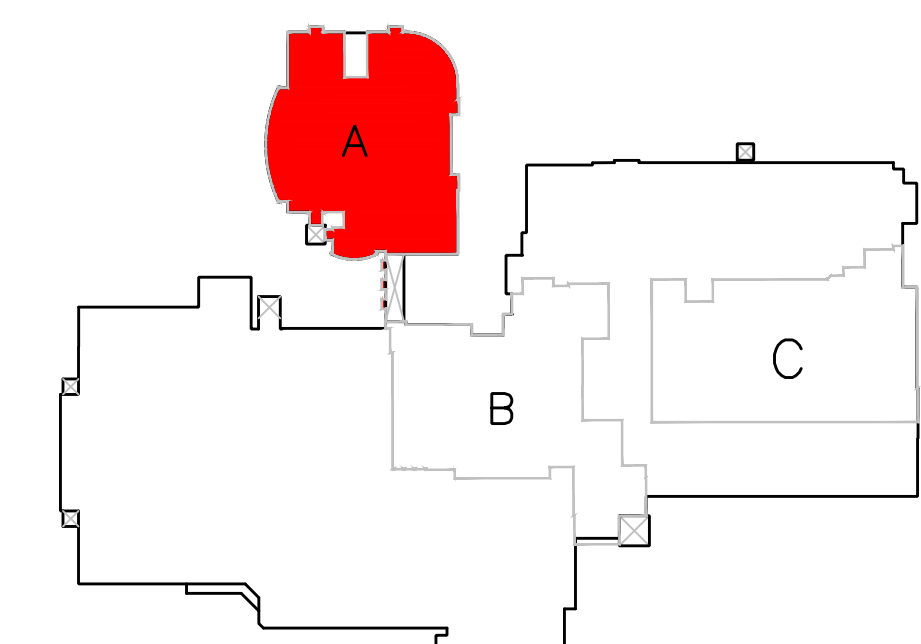


GENERAL ROOFING NOTES:

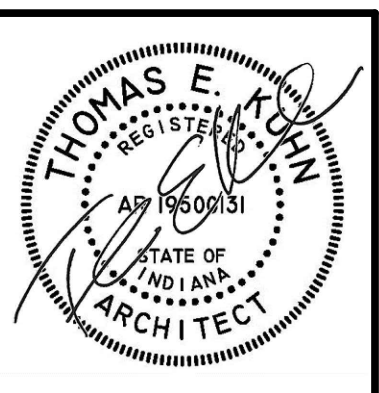
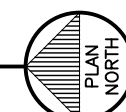
1. THE BIDDERS ARE REQUIRED TO VISIT THE SITE AND TO VERIFY ALL EXISTING CONDITIONS.
2. THE SCOPE OF THE PROJECT INCLUDES REMOVING EXISTING ROOFING MATERIALS AS CALLED FOR BELOW.
3. ALL NEW ROOF DRAINS WILL BE EQUIPPED WITH ELECTRONIC ROOF DRAIN SENSORS.
4. THE SCOPE OF THE PROJECT REQUIRES ALL EXISTING ROOF AREAS THAT ARE CALLED TO RECEIVE THE REINFORCED FLUID-APPLIED ROOF MEMBRANE/REHABILITATION SYSTEM MUST BE CLEANED PER THE SPECIFICATIONS
5. ALL EXISTING SHEET METAL ROOF EDGES/COPINGS AT EXTERIOR MASONRY WALLS SHALL BE REUSED EXCEPT AS NOTED.
6. THE SCOPE OF THE PROJECT INCLUDES INSTALLING NEW CODE COMPLIANT WARRANTABLE ROOF SYSTEM
7. CONTRACTORS SHALL REFER TO TREMCO'S ROOF DIAGNOSTIC SURVEYS IN THE PROJECT MANUAL FOR EACH SCHOOL PREPARED FOR THE MERRILLVILLE COMMUNITY SCHOOLS FOR THE FOLLOWING:
 - A. EXISTING ROOFING MATERIAL MAKE-UP AND THICKNESSES.
 - B. AREAS OF THE ROOF THAT HAS WET INSULATION AND REQUIRE FULL DEPTH REMOVAL, REPLACEMENT AND REINFORCED FLUID-APPLIED ROOF MEMBRANE/REHABILITATION SYSTEM
 - C. AREAS OF THE ROOFS THAT REQUIRED A FULL DEPTH REMOVAL AND AN ENTIRELY NEW ROOF.
8. THE ROOF CORE SAMPLES LOCATION ASSOCIATED WITH TREMCO REPORT ARE MARKED ON THE HIGH SCHOOL'S ROOF PLANS AS: 

KEYED ROOFING NOTES:

- 1 EXISTING ROOF SHALL RECEIVE THE REINFORCED FLUID-APPLIED ROOF MEMBRANE/REHABILITATION SYSTEM. BASE BID #1 & ALTERNATE BID #1 SHALL BE THE 25 YEAR WARRANTY REHABILITATION SYSTEM. BASE BID #2 & ALTERNATE BID #2 SHALL BE THE 30 YEAR WARRANTY REHABILITATION SYSTEM.
- 2 REMOVE EXISTING ROOFING AND WET INSULATION DOWN TO THE EXISTING DECK, REPLACE INSULATION IN KIND AND INSTALL LIQUID APPLIED ROOF REHABILITATION SYSTEM PER KEY NOTE #1.
- 3 REMOVE EXISTING SHINGLES & DRIP EDGE, & INSTALL NEW ASPHALT FIBERGLASS SHINGLES, UNDERLAYMENT, & ICE DAM PROTECTION ON ROOF SHEATHING. INSTALL NEW METAL DRIP EDGE & PROVIDE WALL FLASHING WERE ROOF ENDS INTO A WALL - TO MATCH EXISTING.
- 4 EXISTING CONDUIT, PIPE, OR VENTS, PROVIDE NEW FLASHING.
- 5 EXISTING CURB SHALL REMAIN PROVIDE NEW FLASHING
- 6 EXISTING METAL FLUE SHALL REMAIN PROVIDE NEW FLASHING.
- 7 EXISTING ROOF ACCESS LADDER.
- 8 EXISTING SKYLIGHT - SHALL REMAIN & PROVIDE NEW FLASHING.
- 9 INSTALL NEW RIDGE CAP SHINGLES
- 10 INSTALL NEW SHINGLE RIDGE VENT
- 11 EXISTING GUTTERS & DOWNSPOUTS SHALL REMAIN.
- 12 EXISTING METAL ROOF SHALL REMAIN.
- 13 EXISTING MASONRY CHIMNEY SHALL REMAIN. PROVIDE FLASHING AT BASE.
- 14 REMOVE ABANDON BUILDING WEATHER VANE COMPLETELY.
- 15 PROVIDE NEW CAST IRON BASKETS COVERS FOR THE EXISTING DRAIN.
- 16 EXISTING ROOF HATCH.
- 17 REMOVE EXISTING SHINGLES, PLYWOOD SHEATHING, & WET INSULATION DOWN TO THE EXISTING ROOF DECK, INSTALL NEW ROOF STRUCTURE REFER TO PARTIAL ROOF PLAN ON SHEET A3.3.1 & INSTALL NEW SHINGLES ROOF SYSTEM PER KEY NOTE #3.
- 18 ALTERNATE BID #1 HIGH SCHOOL ONLY: REMOVE EXISTING ROOFING SYSTEM. INSTALL A NEW 1/2" DENSDECK ON EXISTING INSULATION AND INSTALL NEW 30 YEAR WARRANTY RHINO BOND PVC ROOFING; PVC ROOF SHALL BE TEXTURE GRAY. FASTEN ROOF SYSTEM DOWN TO EXISTING METAL DECKING.
- 19 REMOVE, SALVAGE & REINSTALL EXISTING GUTTER.
- 20 REMOVE EXISTING ROOF, & SHEATHING & INSTALL NEW ROOF PER KEY NOTE #3 AND INSTALL NEW SHEATHING MATCH EXISTING.



ROOF KEY PLAN
MERRILLVILLE HIGH SCHOOL SCALE: NTS



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02/03/2025

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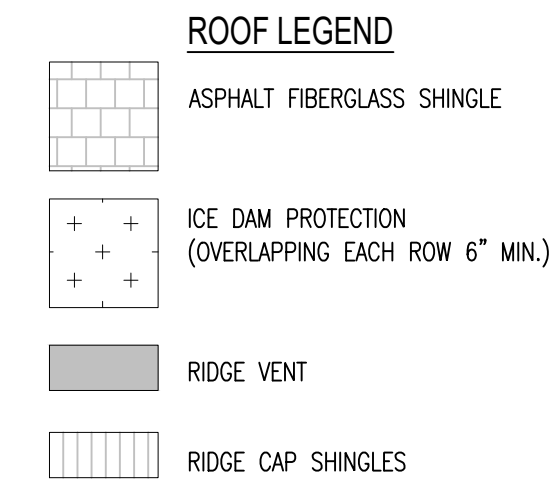
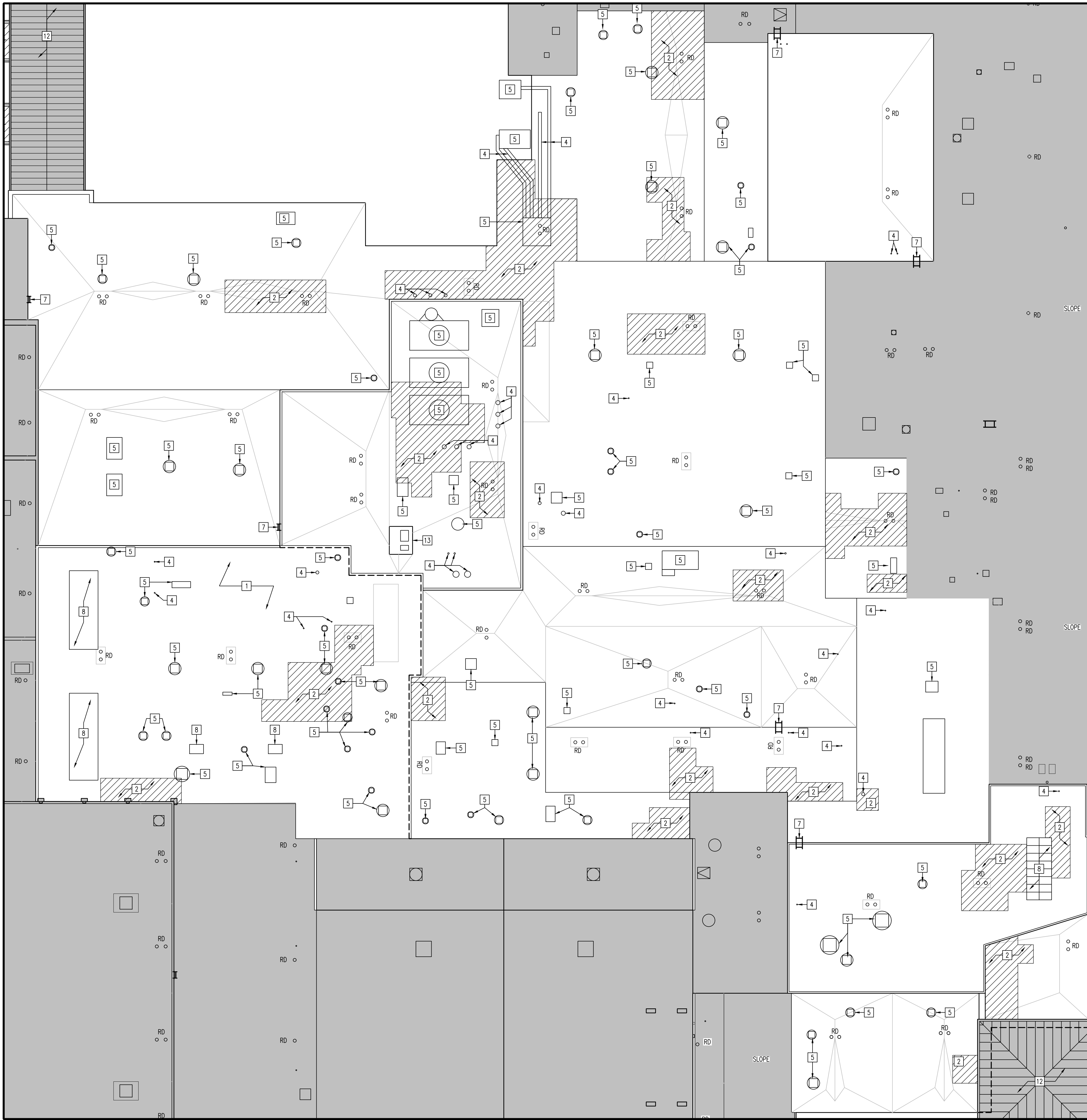
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24066

SHEET
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MERRILLVILLE HIGH SCHOOL

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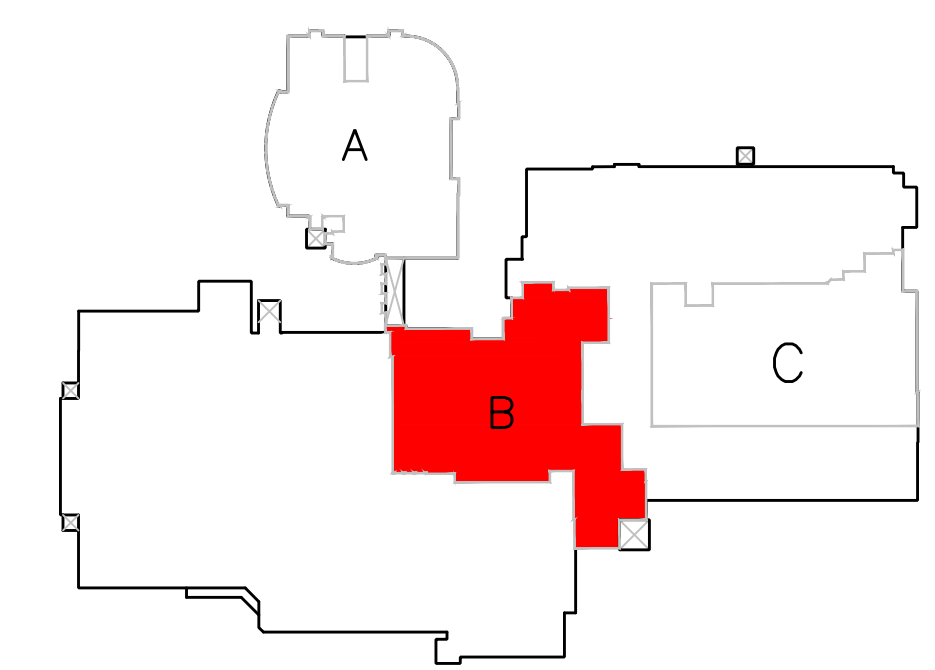
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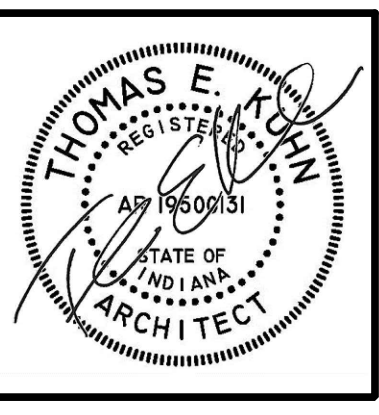
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- 19 REMOVE, SALVAGE & REINSTALL EXISTING GUTTER.
- 20 REMOVE EXISTING ROOF, & SHEATHING & INSTALL NEW ROOF PER KEY NOTE #3 AND INSTALL NEW SHEATHING MATCH EXISTING.

PARTIAL ROOF PLAN
AREA 'B' SCALE: 1/16" = 1'-0"



ROOF KEY PLAN
MERRILLVILLE HIGH SCHOOL SCALE: NTS



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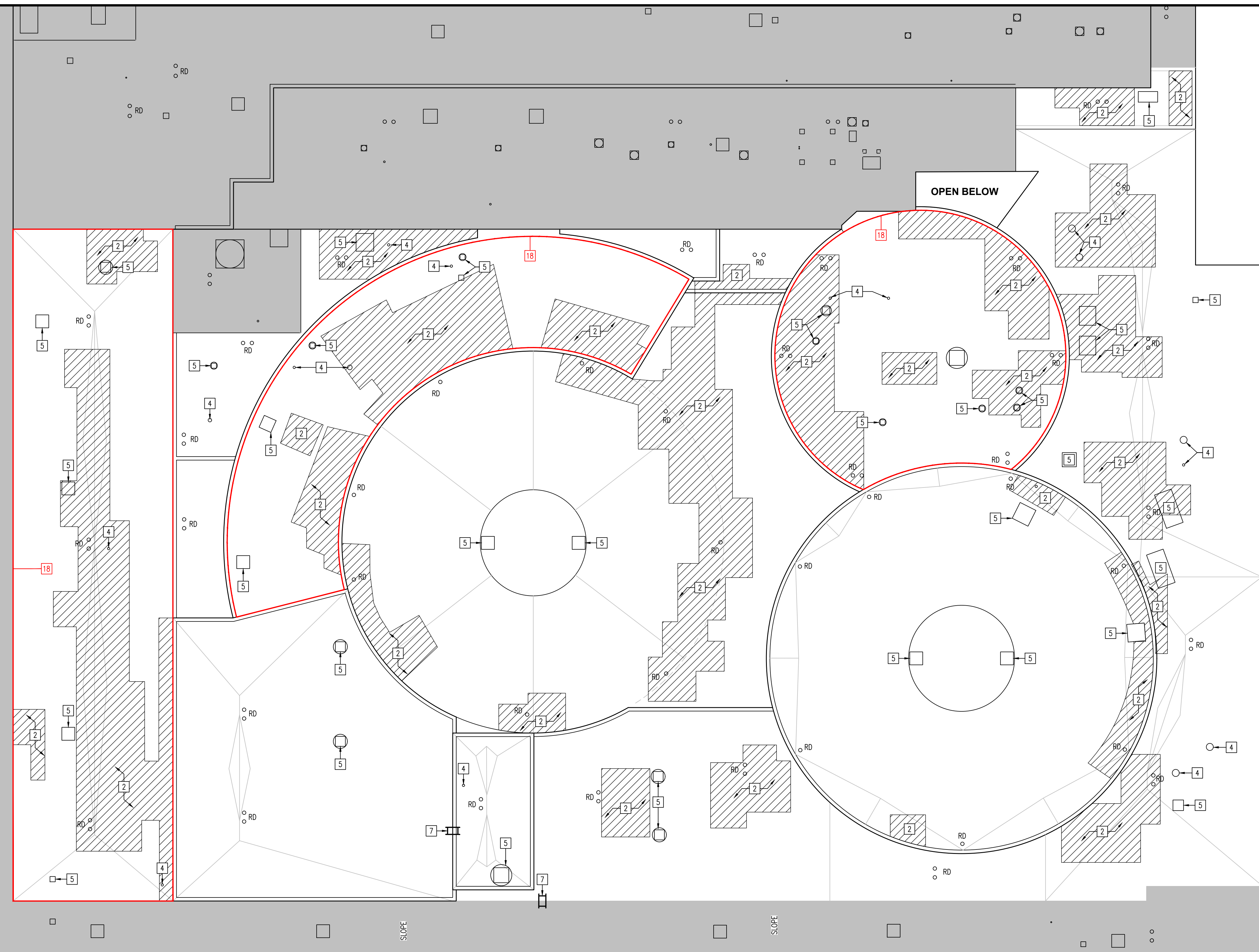
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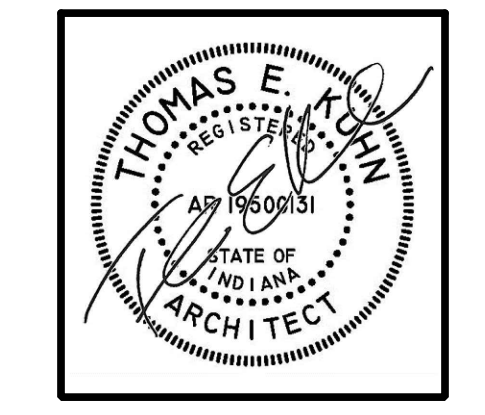
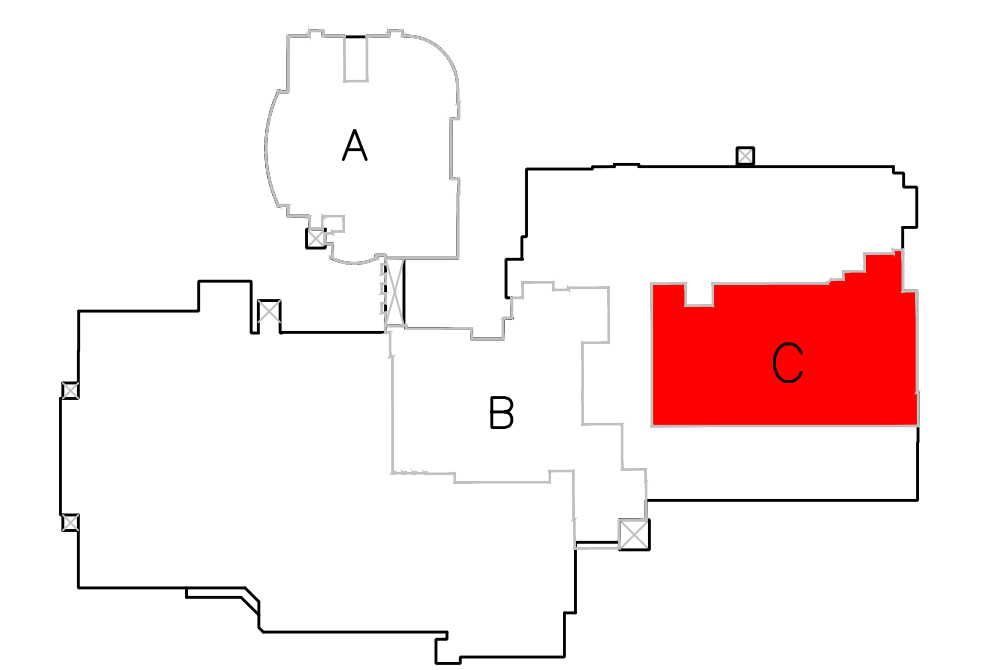
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MERRILLVILLE HIGH SCHOOL

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PARTIAL ROOF PLAN
AREA 'C' SCALE: 1/16" = 1'-0"



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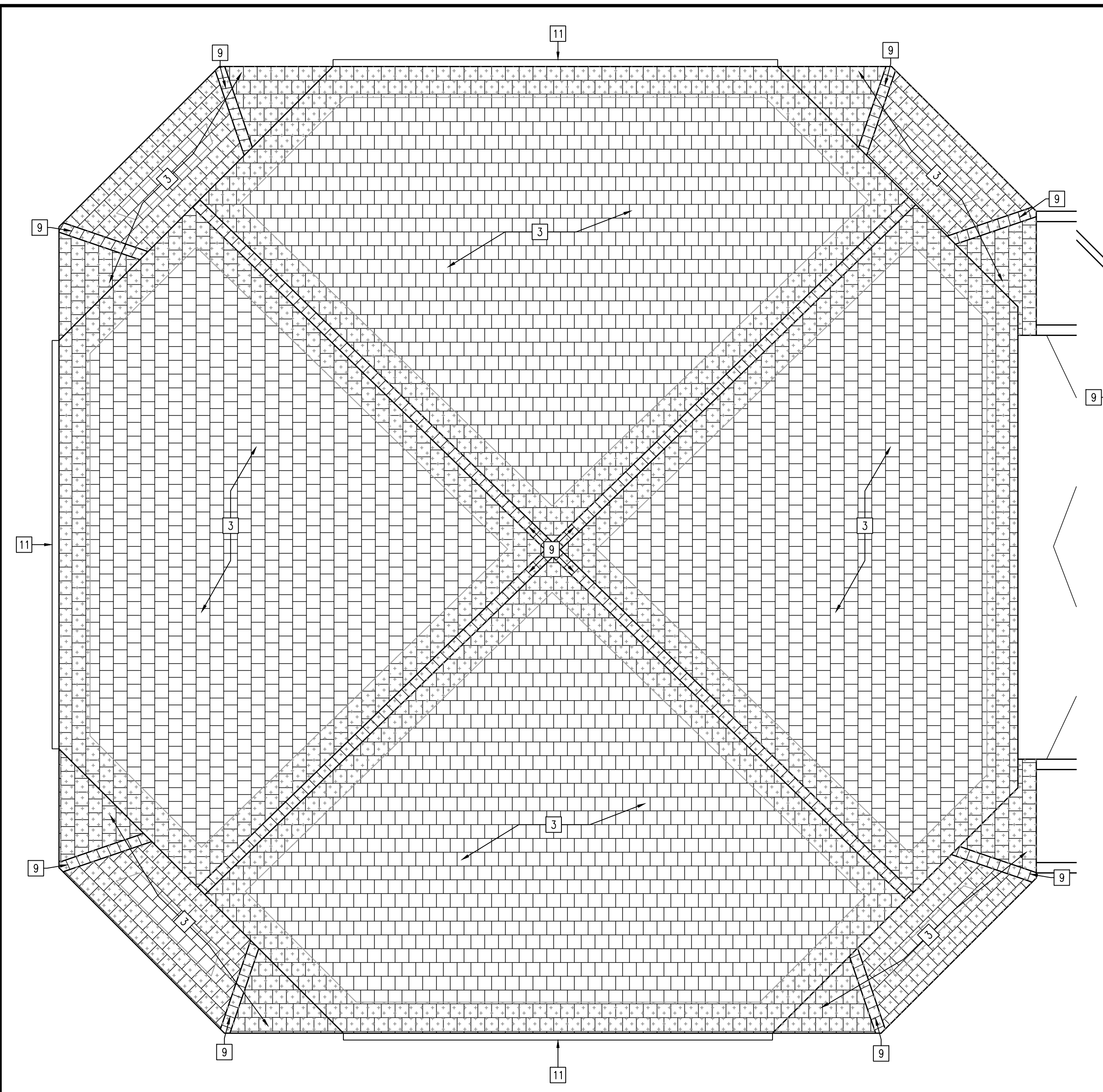
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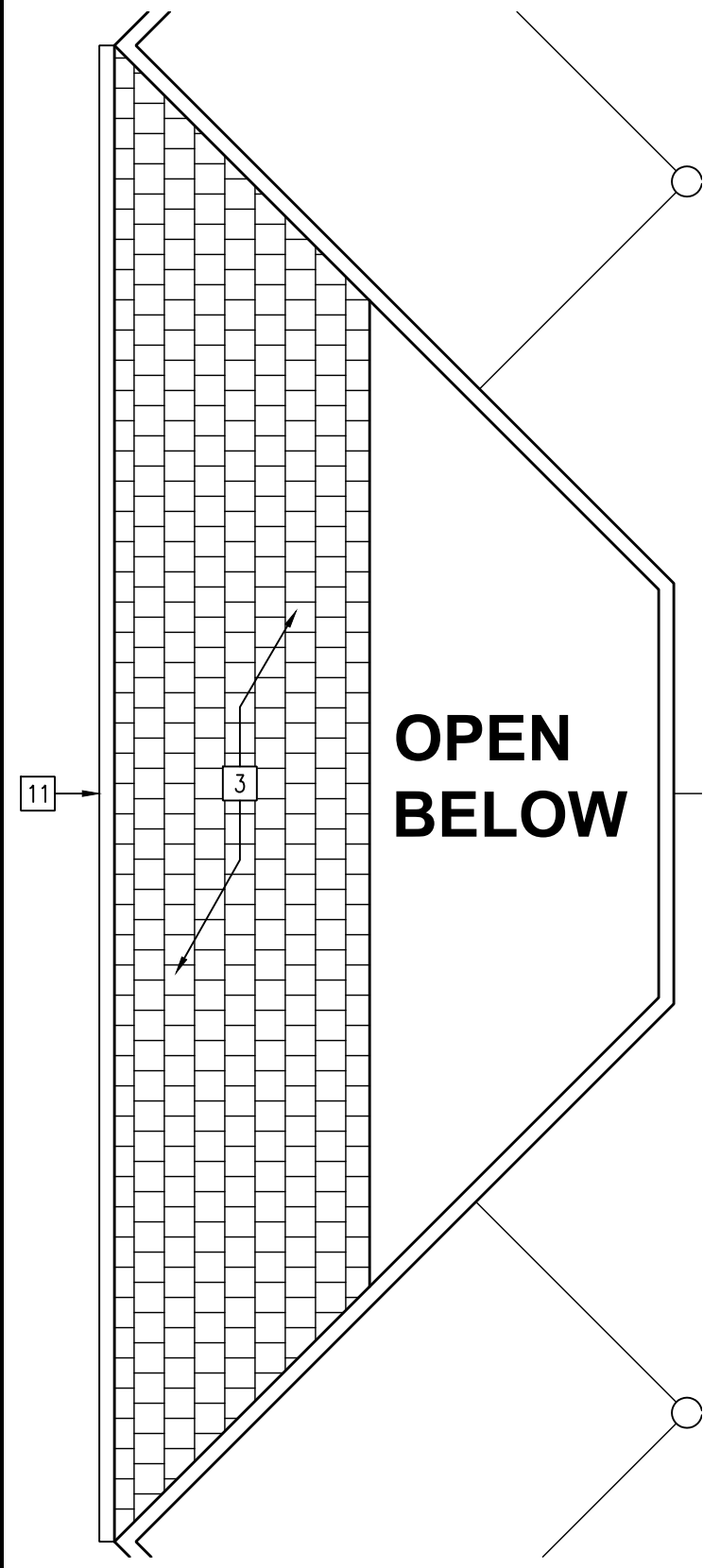
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MERRILLVILLE HIGH SCHOOL

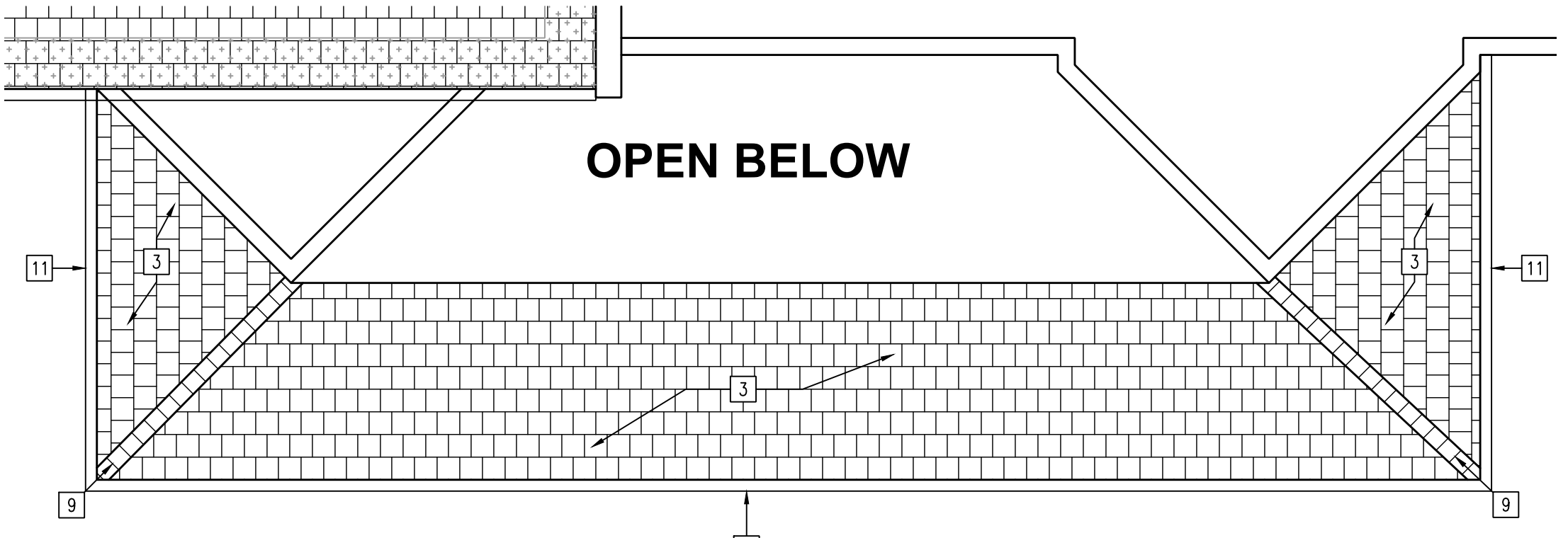
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PARITAL ROOF PLAN - AREA A
MILLER SCALE: 1/8" = 1'-0" PLAN NORTH

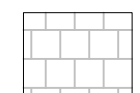
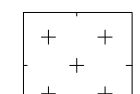

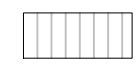


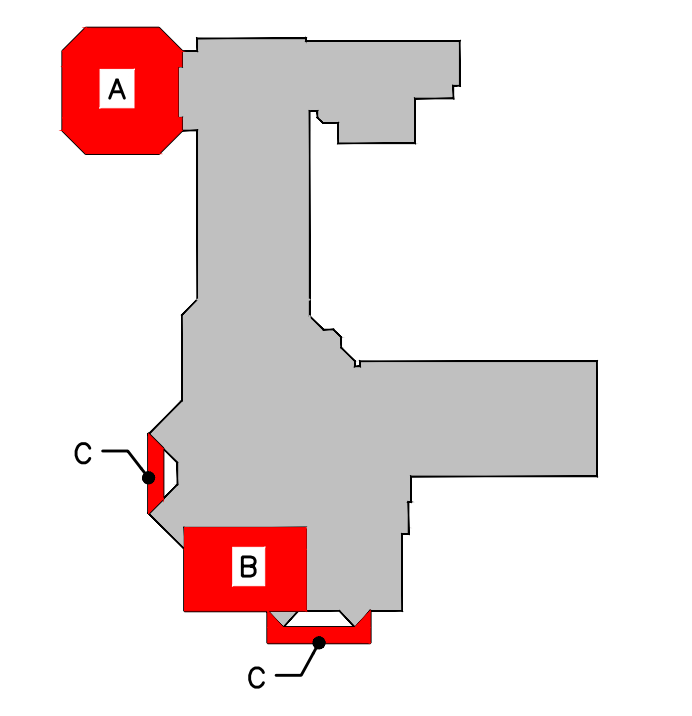
PARITAL ROOF PLAN - AREA B
MILLER SCALE: 1/8" = 1'-0" PLAN NORTH



PARITAL ROOF PLAN - AREA C
MILLER SCALE: 1/8" = 1'-0" PLAN NORTH


ROOF LEGEND

	ASPHALT FIBERGLASS SHINGLE
	ICE DAM PROTECTION (OVERLAPPING EACH ROW 6" MIN.)
	RIDGE VENT
	RIDGE CAP SHINGLES



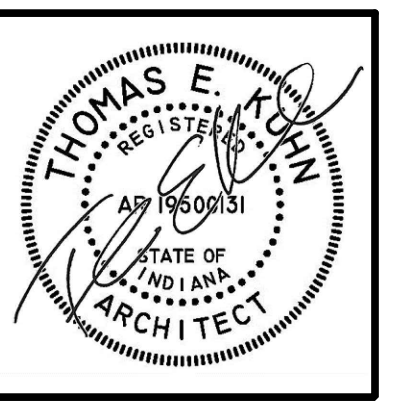
ROOF KEY PLAN
MILLER SCALE: NTS PLAN NORTH

GENERAL ROOFING NOTES:

1. THE BIDDERS ARE REQUIRED TO VISIT THE SITE AND TO VERIFY ALL EXISTING CONDITIONS.
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3. ALL NEW ROOF DRAINS WILL BE EQUIPPED WITH ELECTRONIC ROOF DRAIN SENSORS.
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5. ALL EXISTING SHEET METAL ROOF EDGES/COPINGS AT EXTERIOR MASONRY WALLS SHALL BE REUSED EXCEPT AS NOTED.
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- 6 EXISTING METAL FLUE SHALL REMAIN PROVIDE NEW FLASHING.
- 7 EXISTING ROOF ACCESS LADDER.
- 8 EXISTING SYKLIGHT - SHALL REMAIN & PROVIDE NEW FLASHING.
- 9 INSTALL NEW RIDGE CAP SHINGLES
- 10 INSTALL NEW SHINGLE RIDGE VENT
- 11 EXISTING GUTTERS & DOWNSPOUTS SHALL REMAIN.
- 12 EXISTING METAL ROOF SHALL REMAIN.
- 13 EXISTING MASONRY CHIMNEY SHALL REMAIN. PROVIDE FLASHING AT BASE.
- 14 REMOVE ABANDON BUILDING WEATHER VANE COMPLETELY.
- 15 PROVIDE NEW CAST IRON BASKETS COVERS FOR THE EXISTING DRAIN.
- 16 EXISTING ROOF HATCH.
- 17 REMOVE EXISTING SHINGLES, PLYWOOD SHEATHING, & WET INSULATION DOWN TO THE EXISTING ROOF DECK. INSTALL NEW ROOF STRUCTURE REFER TO PARTIAL ROOF PLAN ON SHEET A3.3.1 & INSTALL NEW SHINGLES ROOF SYSTEM PER KEY NOTE #3.
- 18 ALTERNATE BID #1 HIGH SCHOOL ONLY: REMOVE EXISTING ROOFING SYSTEM. INSTALL A NEW 3/4" DENSDECK ON EXISTING INSULATION AND INSTALL NEW 30 YEAR WARRANTY RHINO BOND PVC ROOFING; PVC ROOF SHALL BE TEXTURE GRAY. FASTEN ROOF SYSTEM DOWN TO EXISTING METAL DECKING.
- 19 REMOVE, SALVAGE & REINSTALL EXISTING GUTTER.



DATE
02/03/2025

2025 MERRILLVILLE ROOFING PROJECT FOR THE
MERRILLVILLE COMMUNITY SCHOOL CORPORATION
6701 DELAWARE STREET
MERRILLVILLE, INDIANA 46410

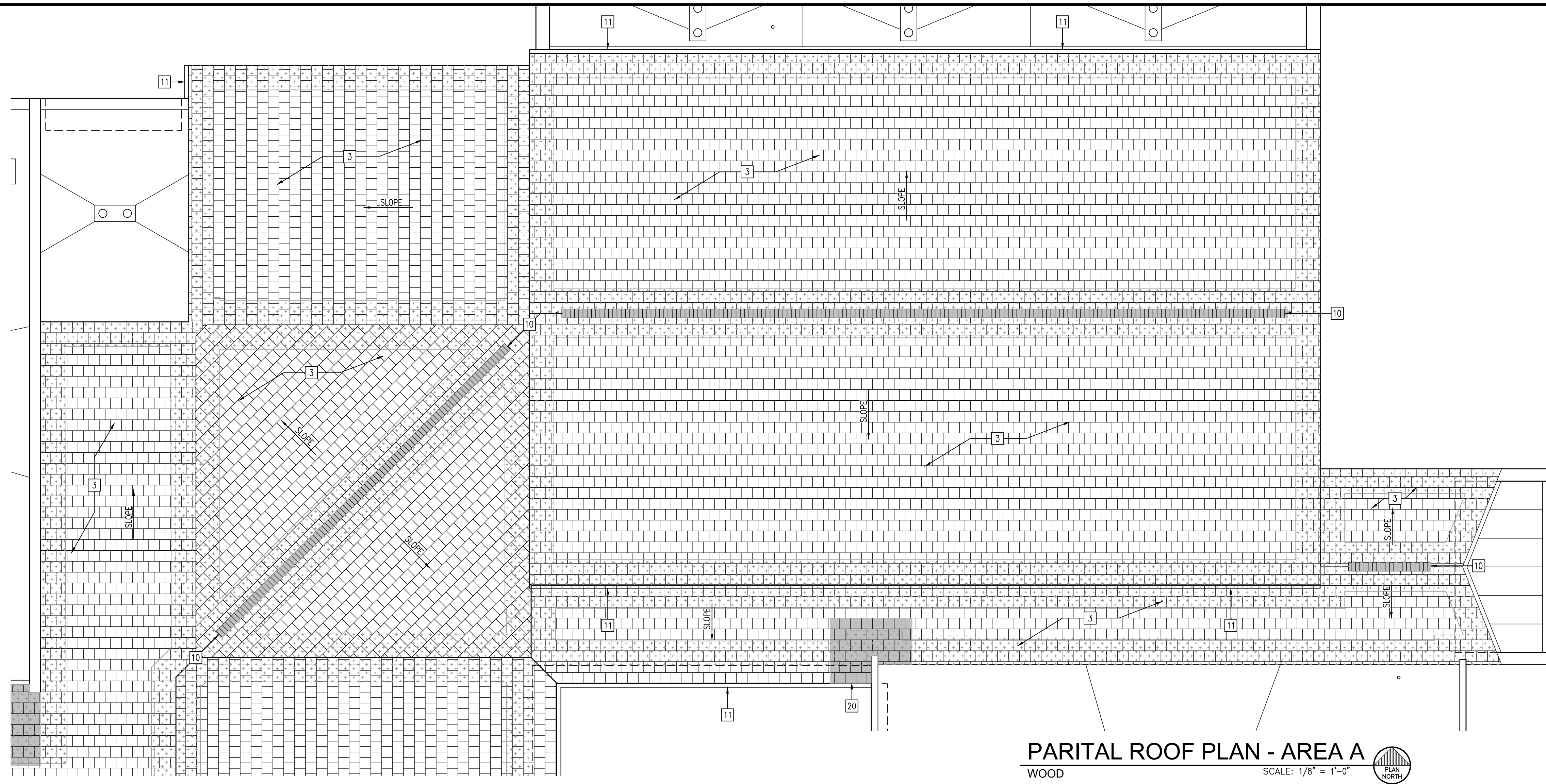
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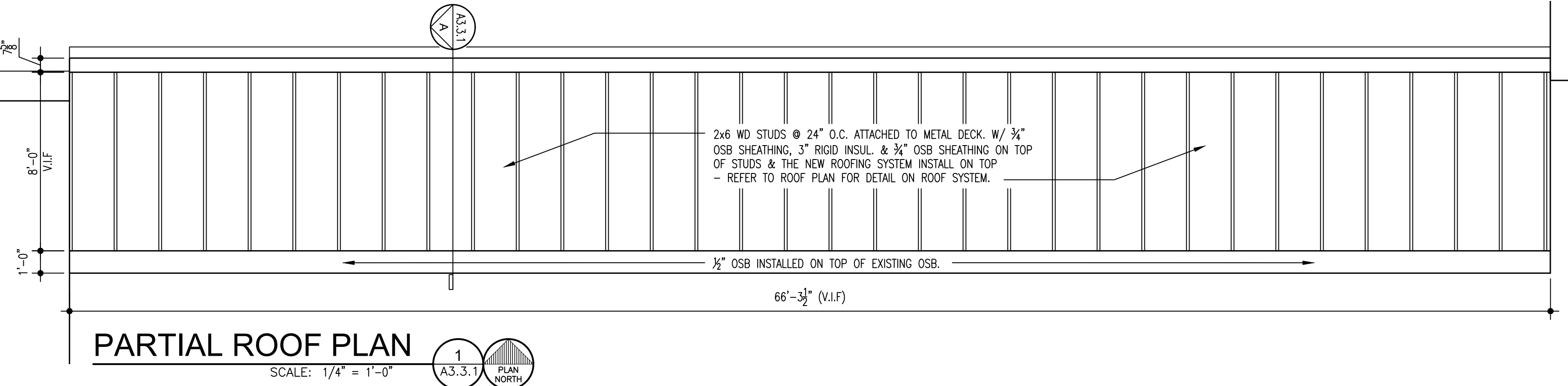
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MILLER ELEMENTARY SCHOOL

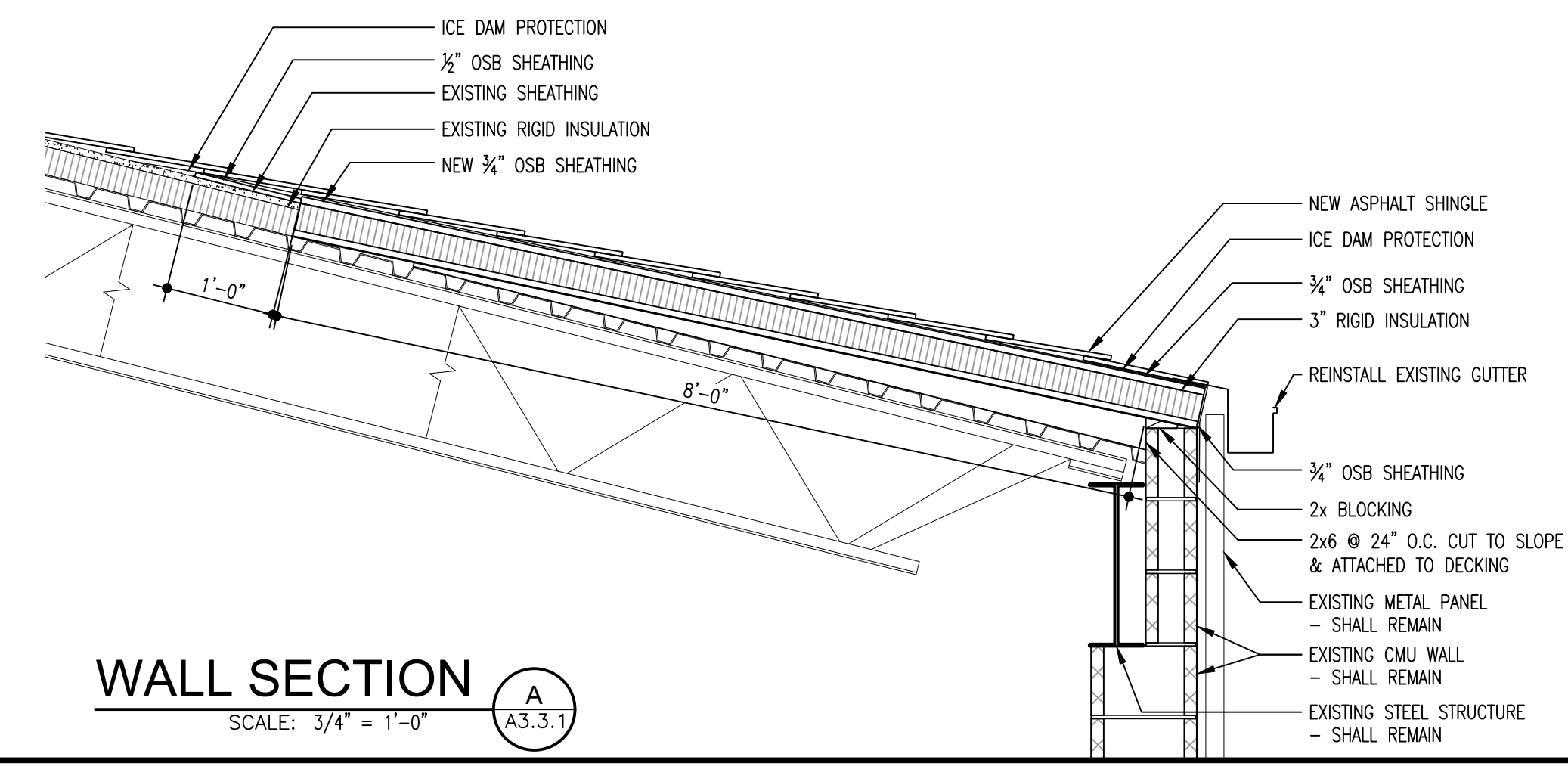
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PARITAL ROOF PLAN - AREA A
WOOD SCALE: 1/8" = 1'-0" PLAN NORTH



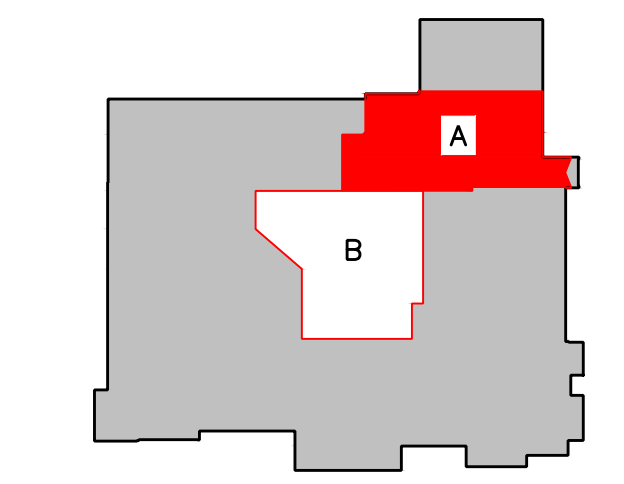
PARTIAL ROOF PLAN
SCALE: 1/4" = 1'-0" PLAN NORTH



WALL SECTION
SCALE: 3/4" = 1'-0" PLAN NORTH

ROOF LEGEND

	ASPHALT FIBERGLASS SHINGLE
	ICE DAM PROTECTION (OVERLAPPING EACH ROW 6" MIN.)
	RIDGE VENT
	RIDGE CAP SHINGLES



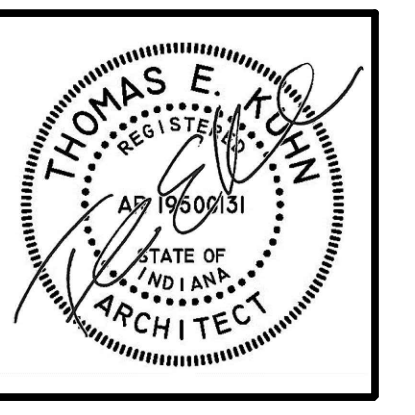
ROOF KEY PLAN
WOOD SCALE: NTS PLAN NORTH

GENERAL ROOFING NOTES:

1. THE BIDDERS ARE REQUIRED TO VISIT THE SITE AND TO VERIFY ALL EXISTING CONDITIONS.
2. THE SCOPE OF THE PROJECT INCLUDES REMOVING EXISTING ROOFING MATERIALS AS CALLED FOR BELOW.
3. ALL NEW ROOF DRAINS WILL BE EQUIPPED WITH ELECTRONIC ROOF DRAIN SENSORS.
4. THE SCOPE OF THE PROJECT REQUIRES ALL EXISTING ROOF AREAS THAT ARE CALLED TO RECEIVE THE REINFORCED FLUID-APPLIED ROOF MEMBRANE/REHABILITATION SYSTEM MUST BE CLEANED PER THE SPECIFICATIONS
5. ALL EXISTING SHEET METAL ROOF EDGES/COPINGS AT EXTERIOR MASONRY WALLS SHALL BE REUSED EXCEPT AS NOTED.
6. THE SCOPE OF THE PROJECT INCLUDES INSTALLING NEW CODE COMPLIANT WARRANTABLE ROOF SYSTEM
7. CONTRACTORS SHALL REFER TO TREMCO'S ROOF DIAGNOSTIC SURVEYS IN THE PROJECT MANUAL FOR EACH SCHOOL PREPARED FOR THE MERRILLVILLE COMMUNITY SCHOOLS FOR THE FOLLOWING:
 - A. EXISTING ROOFING MATERIAL MAKE-UP AND THICKNESSES.
 - B. AREAS OF THE ROOF THAT HAS WET INSULATION AND REQUIRE FULL DEPTH REMOVAL, REPLACEMENT AND REINFORCED FLUID-APPLIED ROOF MEMBRANE/REHABILITATION SYSTEM
 - C. AREAS OF THE ROOFS THAT REQUIRED A FULL DEPTH REMOVAL AND AN ENTIRELY NEW ROOF.
8. THE ROOF CORE SAMPLES LOCATION ASSOCIATED WITH TREMCO REPORT ARE MARKED ON THE HIGH SCHOOL'S ROOF PLANS AS:

KEYED ROOFING NOTES:

- 1 EXISTING ROOF SHALL RECEIVE THE REINFORCED FLUID-APPLIED ROOF MEMBRANE/REHABILITATION SYSTEM.
BASE BID #1 & ALTERNATE BID #1 SHALL BE THE 25 YEAR WARRANTY REHABILITATION SYSTEM.
BASE BID #2 & ALTERNATE BID #2 SHALL BE THE 30 YEAR WARRANTY REHABILITATION SYSTEM.
- 2 REMOVE EXISTING ROOFING AND WET INSULATION DOWN TO THE EXISTING DECK, REPLACE INSULATION IN KIND AND INSTALL LIQUID APPLIED ROOF REHABILITATION SYSTEM PER KEY NOTE #1.
- 3 REMOVE EXISTING SHINGLES & DRIP EDGE, & INSTALL NEW ASPHALT FIBERGLASS SINGLES, UNDERLAYMENT, & ICE DAM PROTECTION ON ROOF SHEATHING. INSTALL NEW METAL DRIP EDGE & PROVIDE WALL FLASHING WERE ROOF ENDS INTO A WALL - TO MATCH EXISTING.
- 4 EXISTING CONDUIT, PIPE, OR VENTS. PROVIDE NEW FLASHING.
- 5 EXISTING CURB SHALL REMAIN PROVIDE NEW FLASHING
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- 19 REMOVE, SALVAGE & REINSTALL EXISTING GUTTER.
- 20 REMOVE EXISTING ROOF, & SHEATHING & INSTALL NEW ROOF PER KEY NOTE #3 AND INSTALL NEW SHEATHING MATCH EXISTING.



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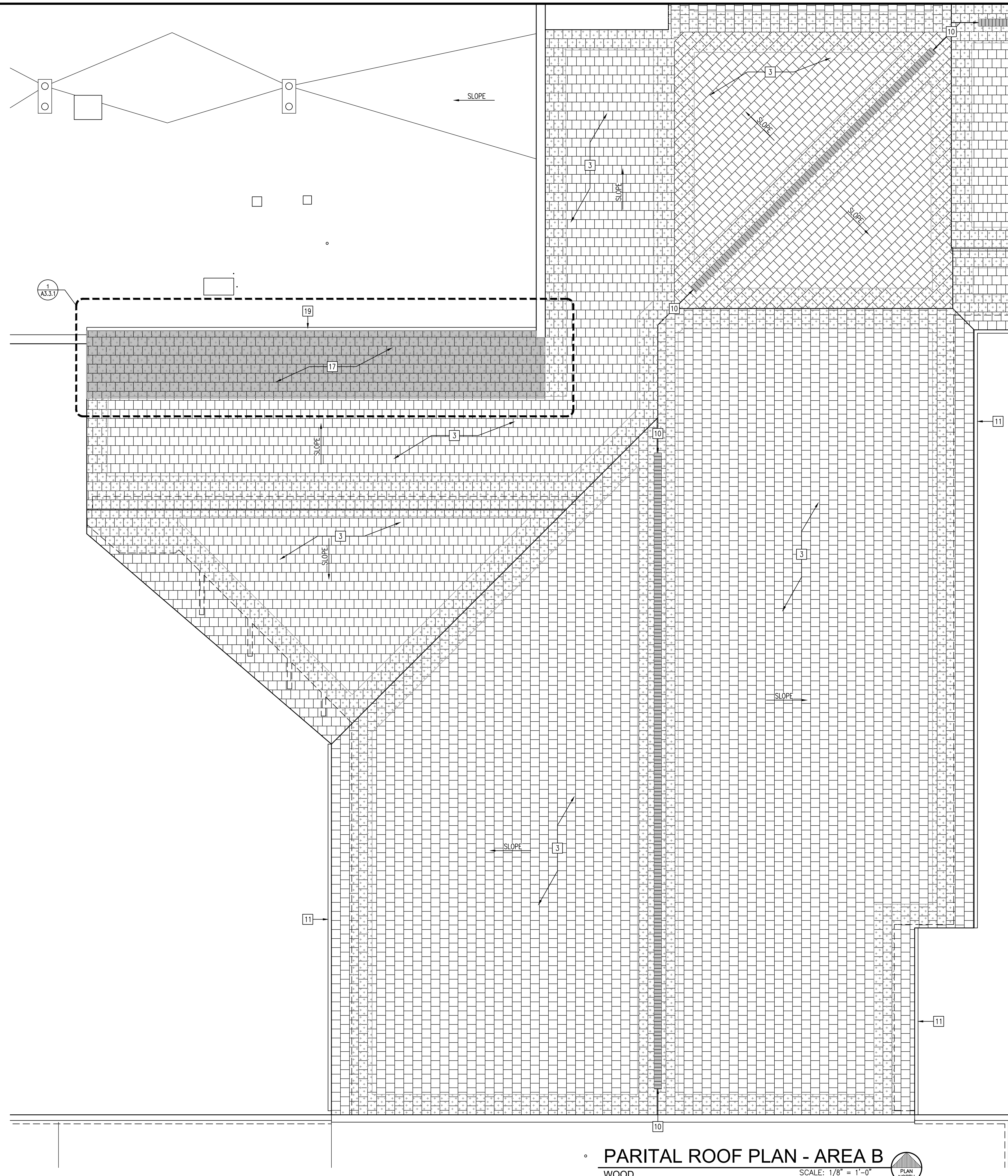
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



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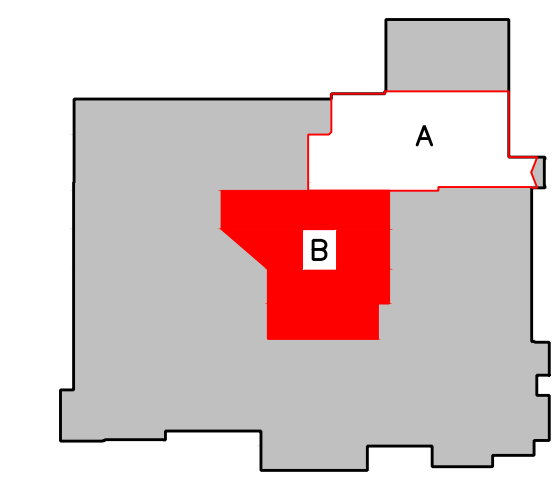
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PARITAL ROOF PLAN - AREA B
WOOD SCALE: 1/8" = 1'-0" PLAN NORTH


ROOF LEGEND

	ASPHALT FIBERGLASS SHINGLE
	ICE DAM PROTECTION (OVERLAPPING EACH ROW 6" MIN.)
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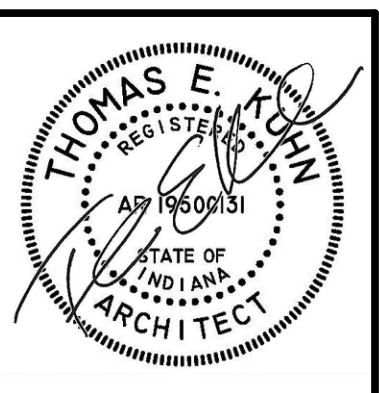
ROOF KEY PLAN
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WOOD ELEMENTARY SCHOOL