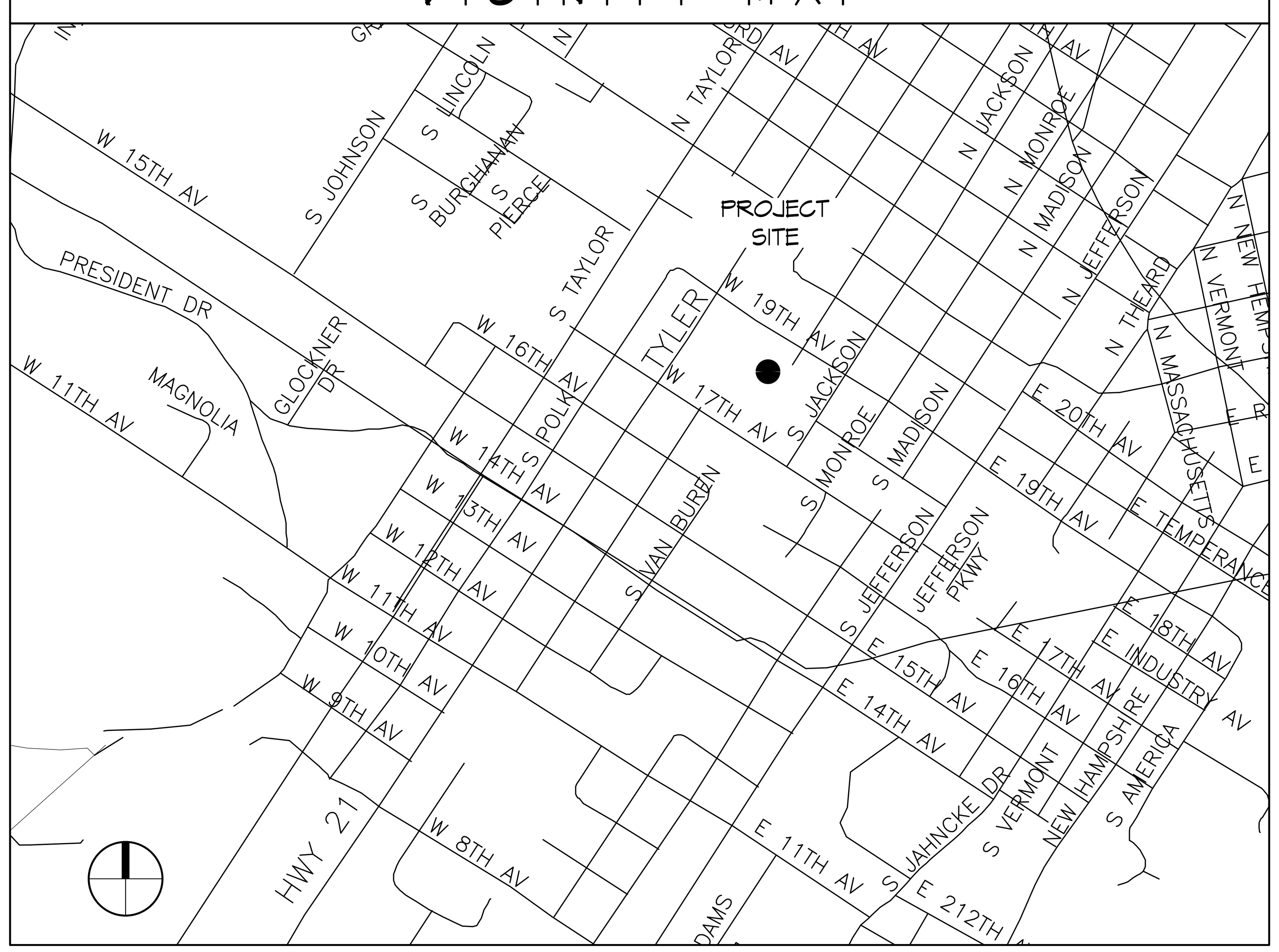
GYMNASIUM HVAC and ROOF REPLACEMENT AT COVINGTON ELEMENTARY SCHOOL
COVINGTON, LOUISIANA
STPSB PROJECT NO. 1919

VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
D101	ROOF DEMO PLAN
A101	ROOF PLAN AND DETAILS
A102	ROOFING DETAILS
M101	MECHANICAL PLAN

GENERAL NOTES

1. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2. CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
3. THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
4. **DO NOT SCALE DRAWINGS.** CONSULT WITH THE ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
6. TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
7. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
8. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
9. ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

DAMMON ENGINEERING, INC.
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Chief Engineer: Brian Mistich, PE
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PH: 985.649.5832

#	DESCRIPTION	DATE

REVISIONS

SEAL:

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
1/28/2026
PROFESSIONAL ENGINEER

GYMNASIUM HVAC and ROOF REPLACEMENT
COVINGTON ELEMENTARY SCHOOL
325 S Jackson St,
Covington, LA 70433

JOB No:	2520	DATE:	12-16-2025
DRAWN BY:	CKD	CHECKED BY:	JMS

The above drawings and specifications, designs and arrangements represented thereby are and shall remain the property of Dammon Engineering, and no part thereof shall be copied, disclosed to others, or used in connection with any work or project other than the specific project for which the have been prepared and developed without written consent of Dammon Engineering. Visual contact with these drawings or specifications shall constitute conclusive evidence of acceptance of these restrictions.

SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

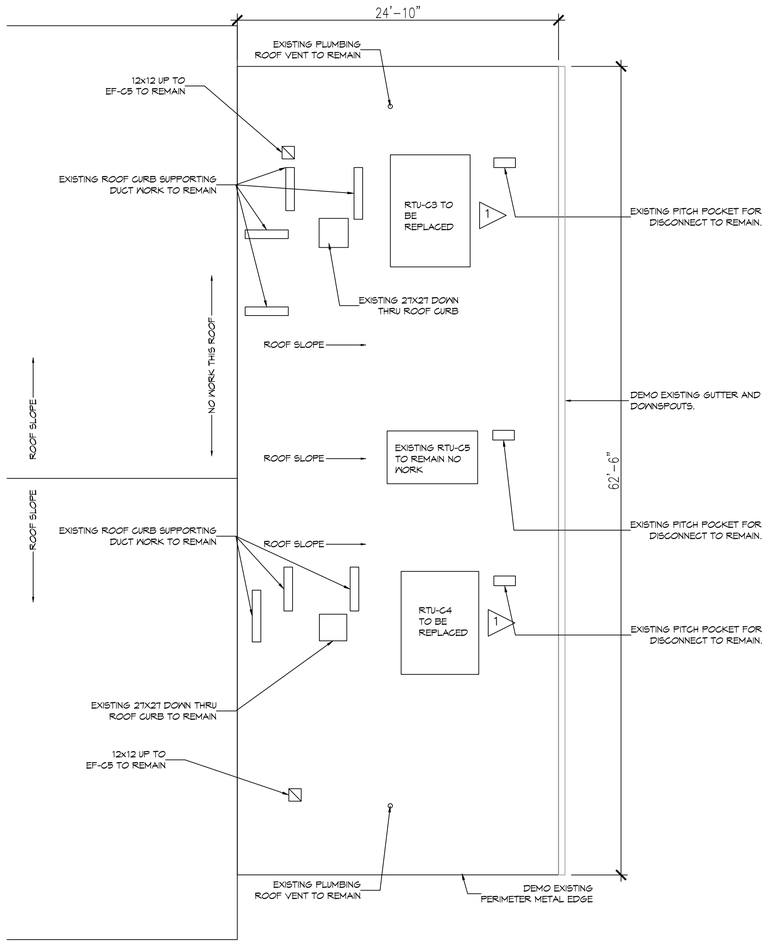
SHEET No: 1 of 12

NOTES

1. REMOVE EXISTING RTU's C3 & C4; REMOVE THE ROOF CURB CAP; INSPECT THE ROOF CURB SUPPORT MEMBERS TO ENSURE THEY ARE STRUCTURALLY SOUND. RE-INSTALL ROOF CURB CAP; SEAL ANY PENETRATIONS.

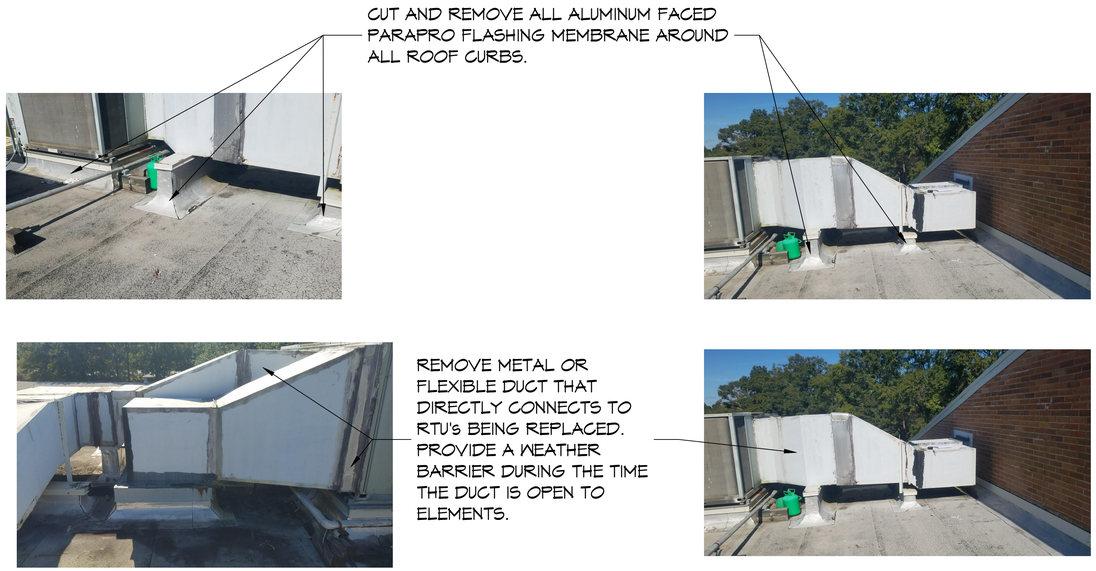
DEMO NOTES

1. CLEAN ROOF OF ALL DEBRIS TO ALLOW THE INSTALLATION OF NEW GYPSUM COVER BOARD.
2. REMOVE ALL CURB FLASHING AND CANT's. REMOVE ALL FLASHING AROUND PITCH POCKETS. REMOVE ALL FLASHING AROUND PLUMBING VENT STACKS.
3. PRIOR TO DEMO MEASURE THE TOTAL AIR FLOW AT UNIT DISCHARGE WITH A PITOT TUBE. DEMO EXISTING FLEXIBLE CONNECTIONS AND REMOVE ANY METAL DUCT THAT DIRECTLY CONNECTS TO EXISTING RTU's C3 & C4.
4. DEMO EXISTING RTU CONDENSATE LINES AND PROVIDE TEMPORARY MEASURES TO DRAIN CONDENSATE DURING CONSTRUCTION.
5. DEMO EXISTING GUTTER AND DOWNSPOUTS.
6. EXISTING SUPPLY AND RETURN AIR DUCTS ARE TO BE REUSED. EXERCISE CARE WHEN REMOVING DUCT WORK TO BE RE-INSTALLED.

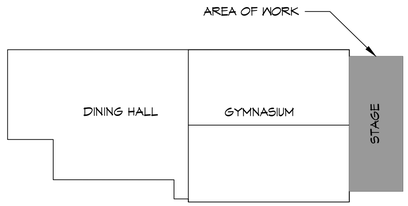


N

1 DEMO PLAN
SCALE: 3/16"= 1'-0"



3 PICTURES OF EXTERIOR ROOF
SCALE: N.T.S.



3 KEY PLAN
SCALE: N.T.S.

BLDG C

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GYMNASIUM HVAC and ROOF REPLACEMENT

COVINGTON ELEMENTARY SCHOOL

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Covington, LA 70433

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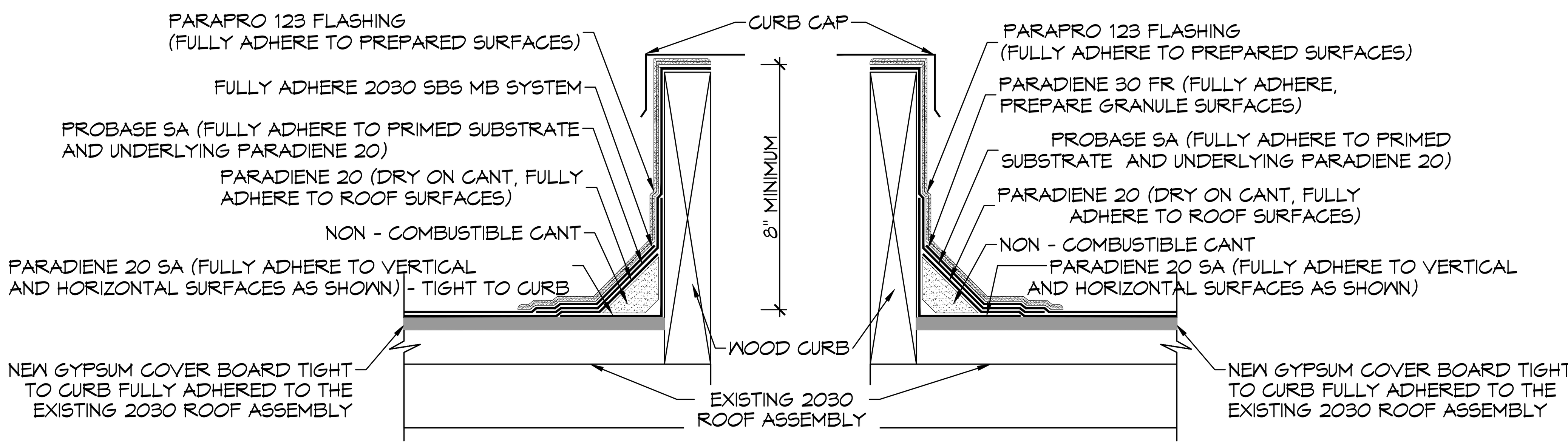
DRAWN BY:	CKD	CHECKED BY:	JMS

SHEET TITLE:
DEMO PLAN

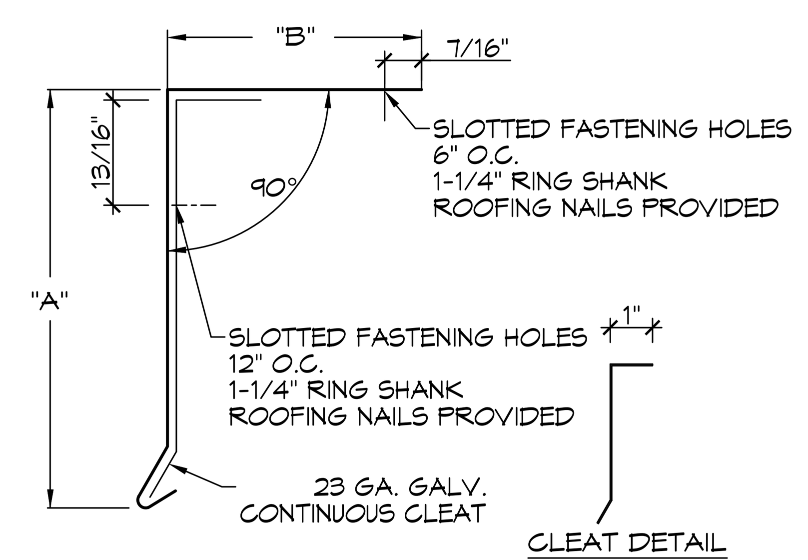
DRAWING NUMBER:
D101

SHEET No: 3 of 12



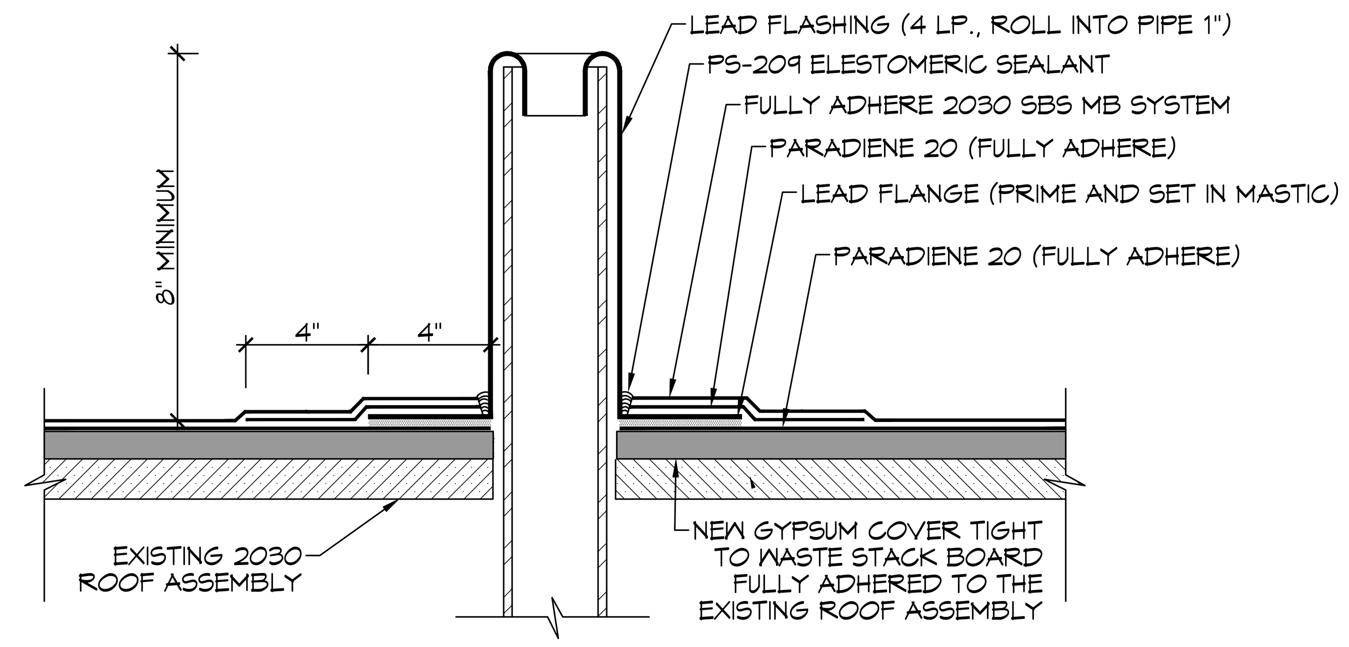
NOTES:
1. WHERE PRIMER IS INDICATED PA-1125, PA-917 LS, OR TA-119 PRIMER ARE REQUIRED TO MAINTAIN PROPER ADHESION. TA-119 IS REQUIRED FOR ALL PROBASE SA AND PARADIENE 20 SA FLASHING REINFORCING AND STRIPPING PLY APPLICATIONS. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
2. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.
3. THE PARAPRO CANNOT BE APPLIED IN THE ABOVE CONFIGURATION OVER MEMBRANES OR OTHER MATERIALS CONTAINING UNCURED, SOLVENT BASED MATERIALS. CONTACT SIPLAST FOR FURTHER INFORMATION.
4. REFER TO SIPLAST FLEECE CUTTING RECOMMENDATIONS FOR CONFIGURATIONS, CUTTING, FOLDING, AND LAPPING TECHNIQUES.
5. THE CARPENTRY AND METAL WORKS SHOWN DEPICTS SHOP FABRICATION AND JOB SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS AND APPROVALS.
6. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN THE CURRENT SIPLAST SPECIFICATIONS AND PARAPRO 123 FLASHING SYSTEM INSTALLER'S GUIDE SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

WOOD HVAC CURB WITH PARAPRO FLASHING
SCALE: N.T.S.



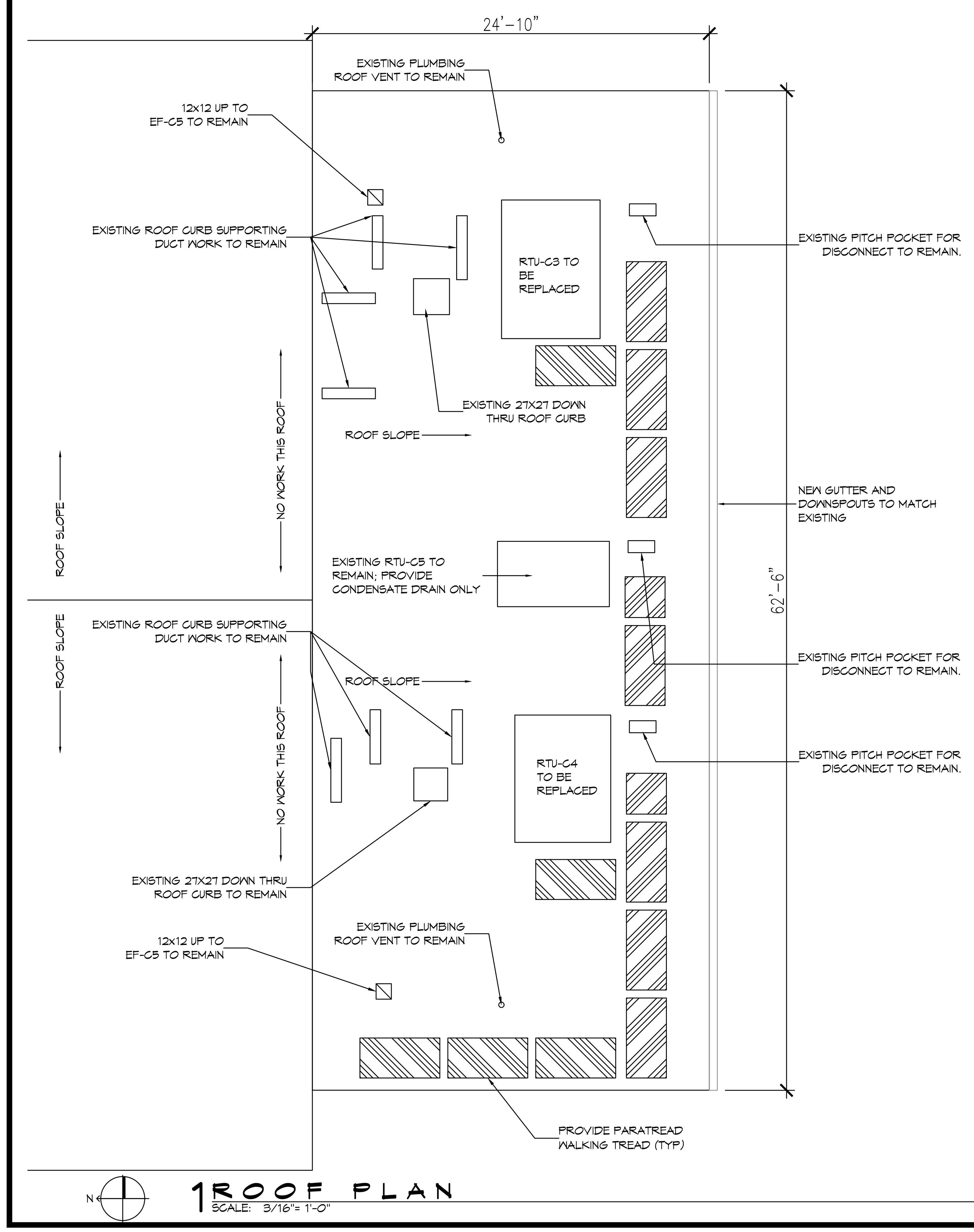
NOTES:
-INCLUDES 6" (152MM) WIDE CONCEALED SPLICE PLATES
-CONCEALED SPLICE PLATE MUST BE FIELD CAULKED TO PREVENT WATER ENTRY.
-UNLESS OTHERWISE NOTED, FABRICATION OF MITERS AND ACCESSORIES ARE FURNISHED STANDARD UTILIZING A NON PENETRATING WELDED JOINT.

DRIP EDGE
SCALE: N.T.S.



NOTES:
1. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, USE PA-1125 OR PA-917 LS PRIMER. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
2. PA-1021 PLASTIC CEMENT, PA-828 FLASHING CEMENT, SFT CEMENT, OR PS-715 NS ELASTOMERIC SEALANT IS REQUIRED WHERE MASTIC IS INDICATED.
3. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

WASTE STACK
SCALE: N.T.S.



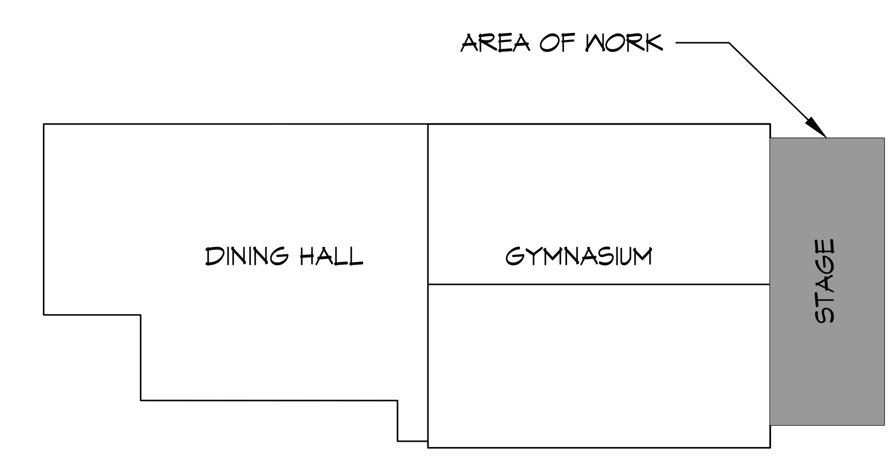
1 ROOF PLAN
SCALE: 3/16"= 1'-0"

3 PICTURES OF EXTERIOR ROOF
SCALE: N.T.S.

CONSTRUCTION NOTES

NEW ROOF SYSTEM TO CONSIST OF:
1. NEW GYPSUM COVER BOARD FULLY ADHERED TO THE EXISTING 2030 ROOF ASSEMBLY
2. FULLY ADHERE 2030 SBS MB SYSTEM
3. NEW PARAPRO RESIN FLASHING
4. SUPPLEMENTAL PARAPRO ROOF RESIN IN AREAS WITH POOL DRAINAGE
5. NEW PARAGUARD DRIP EDGE ALONG THE ROOF PERIMETER

CAUTION: ALL PRACTICES PERTAINING TO NRCA CERTA GUIDELINES SHALL BE FOLLOWED WHEN TORCHING METHODS ARE EMPLOYED. THIS INCLUDES PERFORMING A FIRE WATCH FOLLOWING ANY TORCH APPLICATIONS. ALWAYS HAVE APPROVED FIRE EXTINGUISHING EQUIPMENT NEARBY.



3 KEY PLAN
SCALE: N.T.S.

BLDG C

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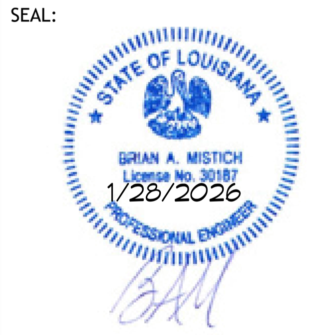

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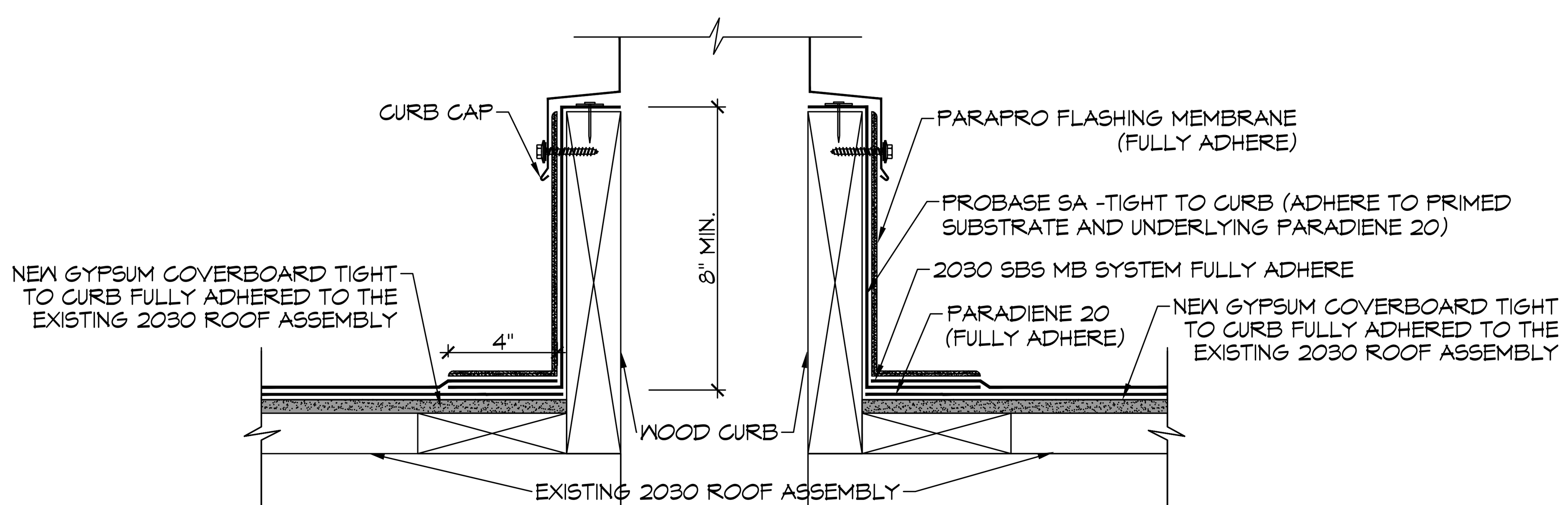
SHEET TITLE:
WING 100 ROOF PLAN

DRAWING NUMBER:
A101

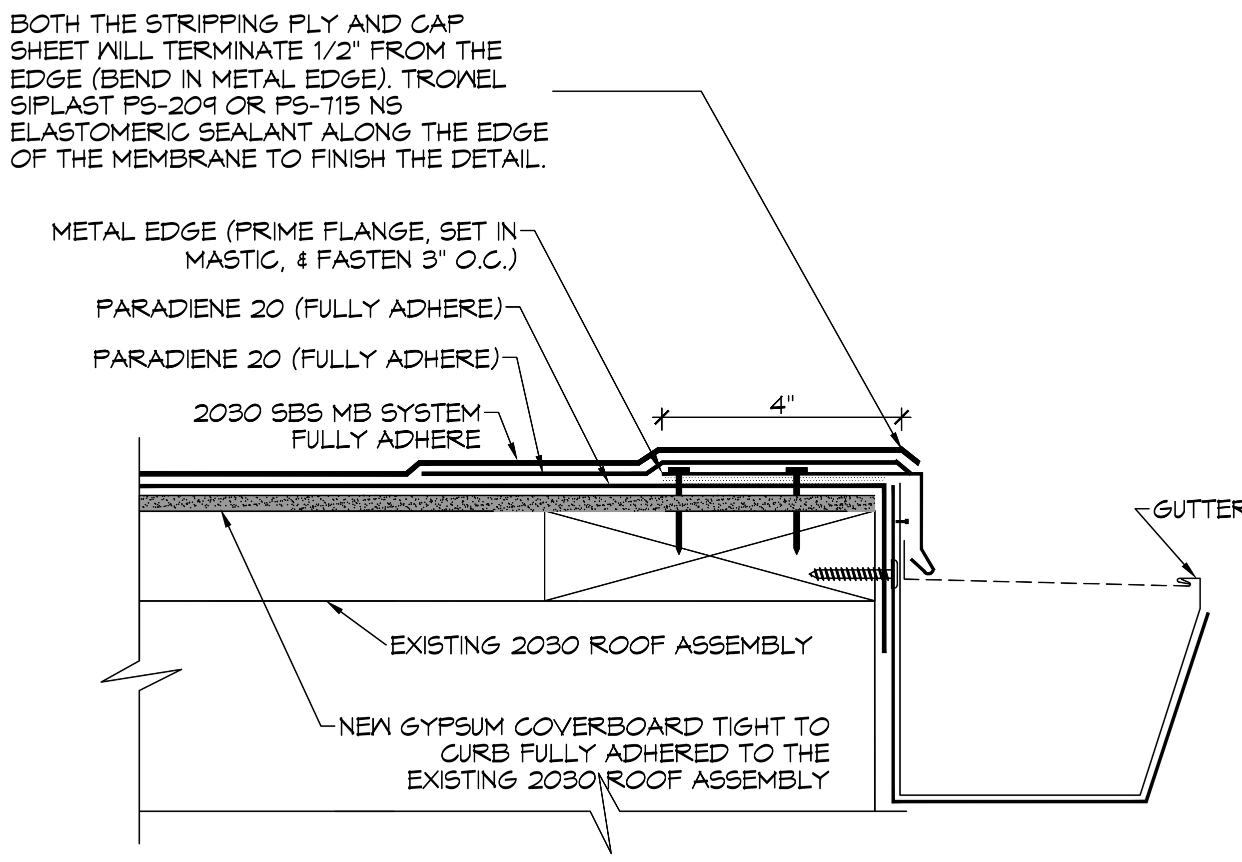
FILE NAME: J:\- Schools Public\St Tam Parish School Board\2520 - Covington Elementary - HVAC\Dwgs\Current\A102 - Roof Details.dwg PLOT DATE & TIME: Wednesday, January 28, 2026 1:56:58 PM



NOTES:

1. WHERE PRIMER IS INDICATED PA-1125, PA-917 LS, OR TA-119 PRIMER ARE REQUIRED TO MAINTAIN PROPER ADHESION. TA-119 IS REQUIRED FOR ALL PROBASE SA AND PARADIENE 20 SA FLASHING REINFORCING AND STRIPPING PLY APPLICATIONS. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
2. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.
3. PARAPRO CANNOT BE APPLIED IN THE ABOVE CONFIGURATION OVER MEMBRANES OR OTHER MATERIALS CONTAINING UNCURED, SOLVENT-BASED MATERIALS. CONTACT SIPLAST FOR FURTHER INFORMATION.
4. REFER TO SIPLAST FLEECE CUTTING RECOMMENDATIONS FOR CONFIGURATIONS, CUTTING, FOLDING, AND LAPPING TECHNIQUES.
5. THE CARPENTRY AND METAL WORK SHOWN DEPICTS SHOP FABRICATION AND JOB SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED/ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS, AND APPROVALS.
6. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN THE CURRENT SIPLAST SPECIFICATIONS AND PARAPRO 123 FLASHING SYSTEM INSTALLER'S GUIDE SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

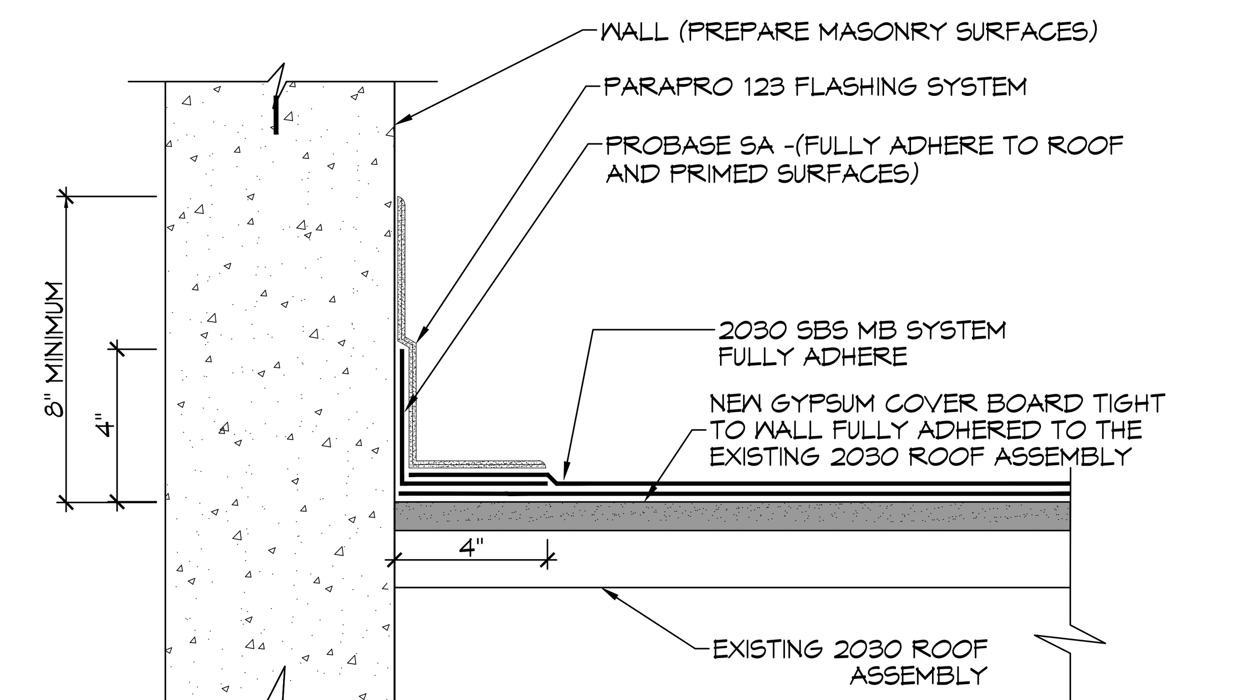
1 CURB WITH PARAPRO FLASHING
SCALE: N.T.S.



NOTES:

1. PA-1021 PLASTIC CEMENT AND PA-1125 PRIMER ARE REQUIRED WHERE MASTIC AND PRIMER ARE INDICATED.
2. THE METAL WORK AND CARPENTRY SHOWN DEPICT SHOP FABRICATION AND JOB SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS AND APPROVALS.
3. THE GUTTER PROFILE IS SHOWN FOR REFERENCE PURPOSES ONLY. PROPER DESIGN/FABRICATION/INSTALLATION SHOULD FOLLOW SMACNA GUIDELINES.
4. DISSIMILAR METAL TYPES SUBJECT TO ELECTROLYTIC REACTION SHOULD BE PHYSICALLY SEPARATED.
5. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

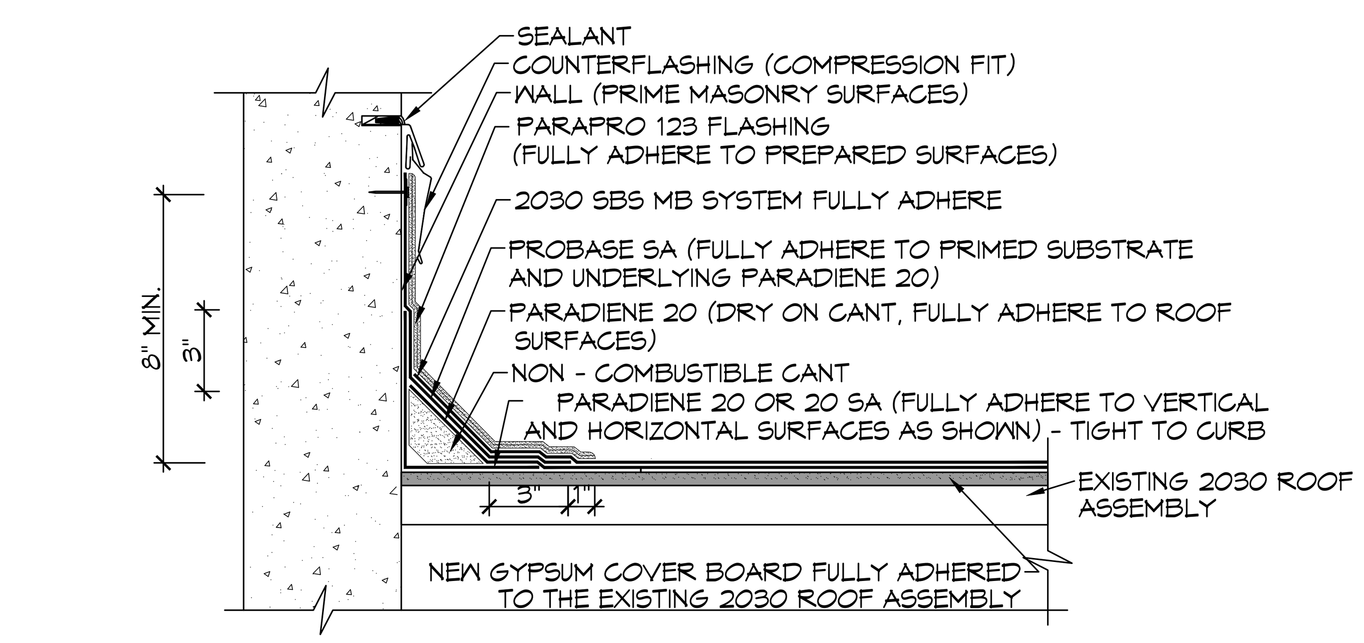
2 GUTTER EDGE
SCALE: N.T.S.



NOTES:

1. BEFORE APPLICATION OF PARAPRO FLASHING MEMBRANE, PRO PASTE SHOULD BE USED TO FILL VOIDS WHERE ROOFING MEMBRANES TERMINATE AT PENETRATIONS.
2. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO FLASHING.
3. A NAILER AND TREATED WOOD CANT MAY BE REQUIRED FOR COMPLIANCE WITH SPECIFIC BUILDING CODES OR APPROVALS.
4. PARAPRO CANNOT BE APPLIED IN THE ABOVE CONFIGURATION OVER MEMBRANES OR OTHER MATERIALS CONTAINING UNCURED, SOLVENT BASED MATERIALS. IN SUCH CASES, MEMBRANES TO BE COVERED WITH PARAPRO MUST BE ADHERED WITH SFT ADHESIVE, SFT CEMENT, PS-209, OR PS-715 NS ELASTOMERIC SEALANT. CONTACT SIPLAST FOR INFORMATION.
5. REFER TO SIPLAST FLEECE CUTTING RECOMMENDATIONS FOR CONFIGURATIONS, CUTTING, FOLDING, AND LAPPING TECHNIQUES.
6. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS AND THE PARAPRO 123 FLASHING SYSTEM INSTALLER'S GUIDE SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

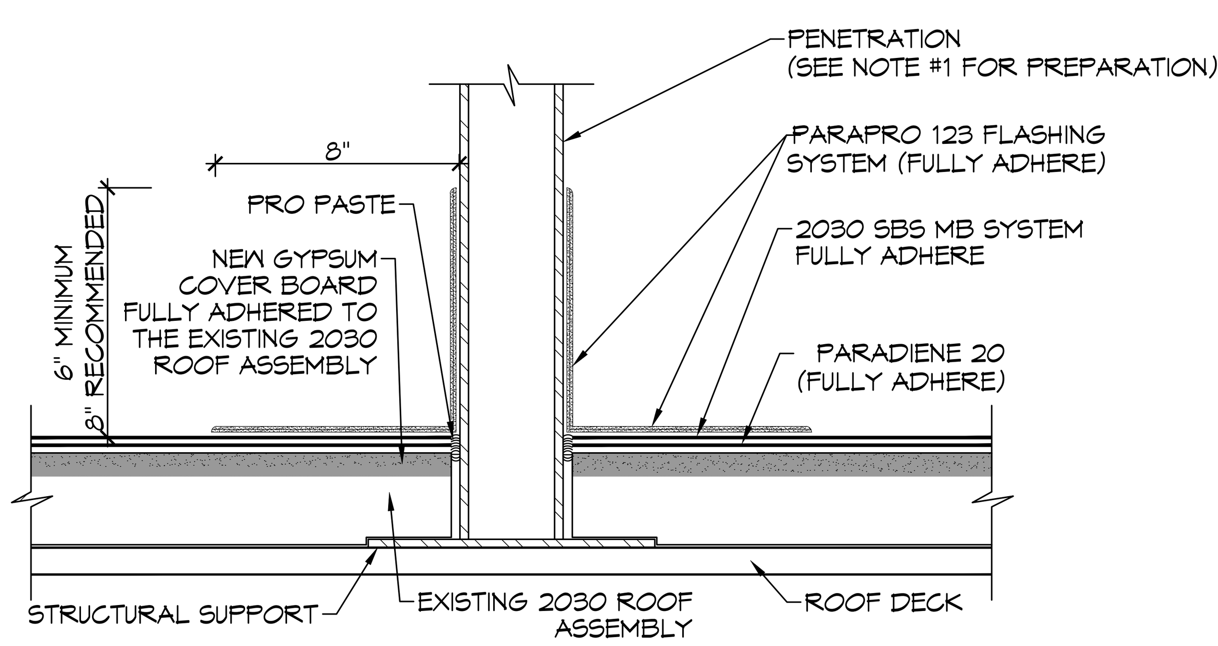
3 WALL WITH SELF-TERMINATING PARAPRO FLASHING
SCALE: N.T.S.



NOTES:

1. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, TA-119 PRIMER IS REQUIRED FOR ALL PROBASE SA AND PARADIENE 20 SA FLASHING REINFORCING AND STRIPPING PLY APPLICATIONS. USE PA-1125 OR PA-917 LS FOR ALL NON-PARADIENE 20 SA APPLICATIONS. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
2. A NAILER AND TREATED WOOD CANT MAY BE REQUIRED FOR COMPLIANCE WITH SPECIFIC BUILDING CODES FOR APPROVALS.
3. PARAPRO CANNOT BE APPLIED IN THE ABOVE CONFIGURATION OVER MEMBRANES OR OTHER MATERIALS CONTAINING UNCURED, SOLVENT-BASED MATERIALS. IN SUCH CASES, MEMBRANES TO BE COVERED WITH PARAPRO MUST BE ADHERED WITH SFT ADHESIVE OR PA-304 ELASTOMERIC SEALANT. CONTACT SIPLAST FOR INFORMATION.
4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN THE CURRENT SIPLAST SPECIFICATIONS AND PARAPRO INSTALLER'S GUIDE SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.
5. THE METAL WORK SHOWN DEPICTS SHOP FABRICATION AND JOB SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS AND APPROVALS. DISSIMILAR METAL TYPES SUBJECT TO ELECTROLYTIC REACTION SHOULD BE PHYSICALLY SEPARATED.

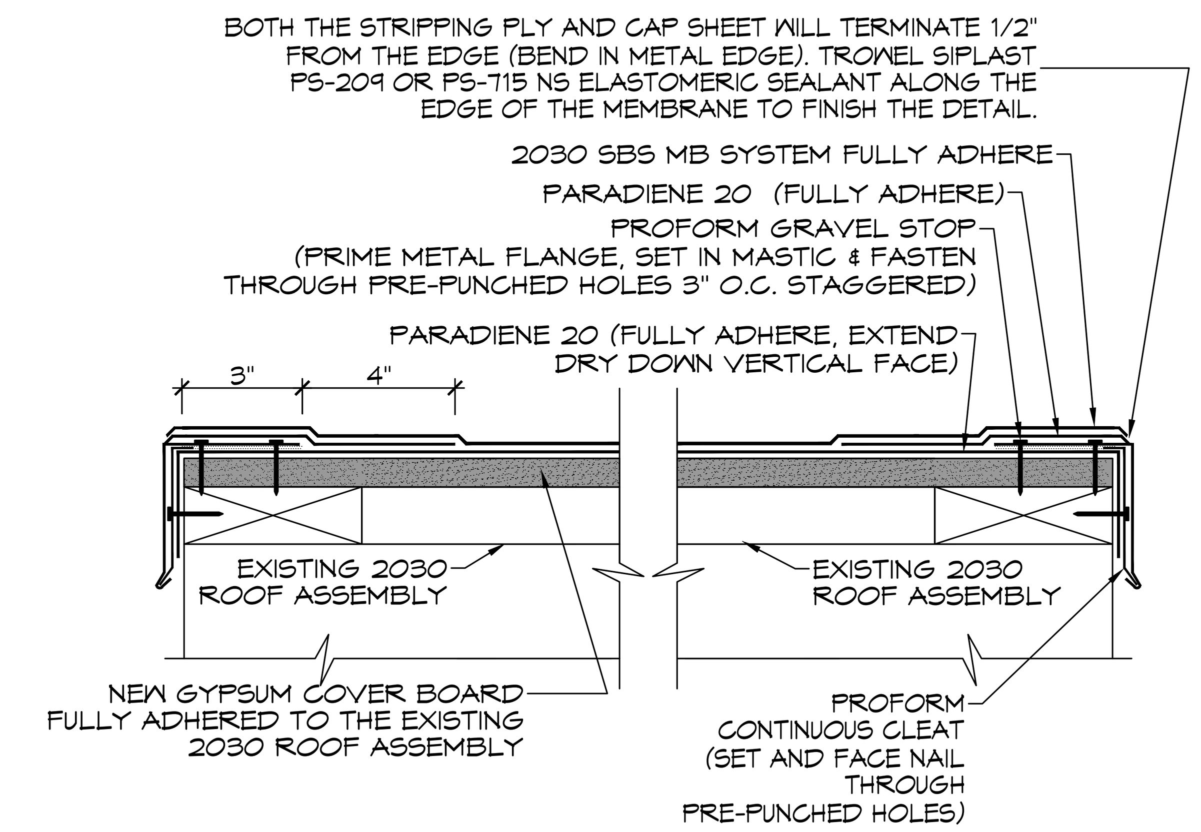
4 WALL SUPPORTING DECK WITH PARAPRO FLASHING
SCALE: N.T.S.



NOTES:

1. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIALS.
2. BEFORE APPLICATION OF PARAPRO FLASHING MEMBRANE, PRO PASTE SHOULD BE USED TO FILL VOIDS WHERE ROOFING MEMBRANES TERMINATE AT PENETRATIONS.
3. PARAPRO CANNOT BE APPLIED IN THE ABOVE CONFIGURATION OVER MEMBRANES OR OTHER MATERIALS CONTAINING UNCURED, SOLVENT BASED MATERIALS. IN SUCH CASES, MEMBRANES TO BE COVERED WITH PARAPRO MUST BE ADHERED WITH SFT ADHESIVE, SFT CEMENT, PS-209, OR PS-715 NS ELASTOMERIC SEALANT. CONTACT SIPLAST FOR ALTERNATIVE DETAILS THAT ALLOW FOR APPLICATION OVER A BASE PLY APPLIED IN SOLVENT BASED ADHESIVE.
4. REFER TO SIPLAST FLEECE CUTTING RECOMMENDATIONS FOR CONFIGURATIONS, CUTTING, FOLDING AND LAPPING TECHNIQUES.
5. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS AND THE PARAPRO 123 FLASHING INSTALLER'S GUIDE SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

5 PENETRATION WITH PARAPRO FLASHING
SCALE: N.T.S.



NOTES:

1. REFER TO THE PARAGUARD ROOF PERIMETER SYSTEMS INSTALLER'S GUIDE FOR INFORMATION ON PRODUCTS, SIZING, AND INSTALLATION OF THE PARAGUARD SYSTEM.
2. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, USE PA-1125 OR PA-917 LS PRIMER. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
3. PREPARE GRANULE SURFACES UNDER FLASHING BY TORCH PREPARATION.
4. THE CARPENTRY SHOWN DEPICTS JOB-SITE ASSEMBLY AND SHOULD BE CONSTRUCTED ACCORDING TO GENERALLY ACCEPTED PRACTICES, STANDARDS, AND APPROVALS.

PA-1021 PLASTIC CEMENT, PA-828 FLASHING CEMENT, SFT CEMENT, OR PS-715 NS ELASTOMERIC SEALANT IS REQUIRED WHERE MASTIC IS INDICATED.

6. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

6 PROFORM GRAVEL STOP
SCALE: N.T.S.

CONSTRUCTION NOTES

NEW ROOF SYSTEM TO CONSIST OF:

1. NEW GYPSUM COVER BOARD FULLY ADHERED TO THE EXISTING 2030 ROOF ASSEMBLY
2. FULLY ADHERE 2030 SBS MB SYSTEM
3. NEW PARAPRO RESIN FLASHING
4. SUPPLEMENTAL PARAPRO ROOF RESIN IN AREAS WITH POOL DRAINAGE
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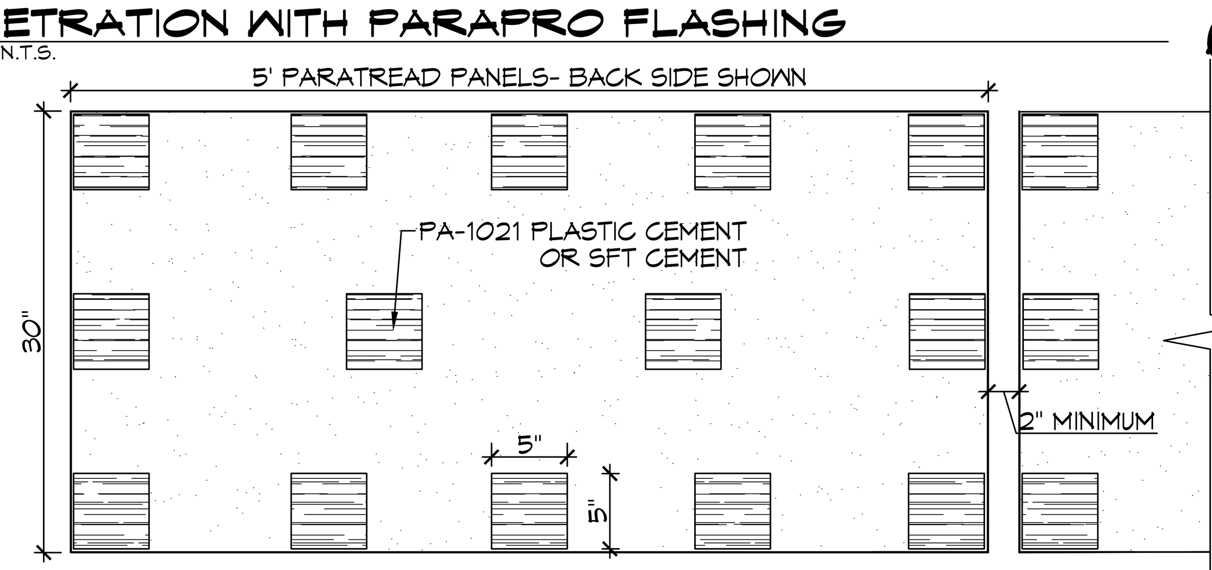
CAUTION: ALL PRACTICES PERTAINING TO NRCA CERTA GUIDELINES SHALL BE FOLLOWED WHEN TORCHING METHODS ARE EMPLOYED. THIS INCLUDES PERFORMING A FIRE WATCH FOLLOWING ANY TORCH APPLICATIONS. ALWAYS HAVE APPROVED FIRE EXTINGUISHING EQUIPMENT NEARBY.

NOTES:

1. PARATREAD IS APPLIED WITH PA-1021 PLASTIC CEMENT TO BOTH GRANULE SURFACED AND FOIL FINISHED MEMBRANES. THE PANELS MUST BE PRE-CUT FROM THE ROLL IN MAXIMUM 5 FOOT LENGTHS AND ALLOWED TO RELAX PRIOR TO APPLICATION. COLD WEATHER APPLICATION MAY REQUIRE PRE-WARMING PANELS TO ALLOW THE MATERIAL TO LAY FLAT. THE PA-1021 PLASTIC CEMENT IS APPLIED TO THE BACK SIDE OF THE PARATREAD IN APPROX. 5" SQUARES, SPACED APPROX. 11" O.C. AT THE OUTER EDGES AND 14" O.C. DOWN THE MIDDLE OF THE PANELS. THE PARATREAD PANEL IS SET OVER THE ROOF MEMBRANE SURFACE WITH THE GRANULE SURFACE UP. PRESSURE SHOULD BE EXERTED ON THE PANEL TO ENSURE POSITIVE CONTACT OF THE PLA CEMENT TO THE ROOF SURFACE.
2. PARATREAD IS NOT APPROVED FOR USE ON SLOPES IN EXCESS OF 3" IN 12".
3. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.



7 PARATREAD
SCALE: N.T.S.

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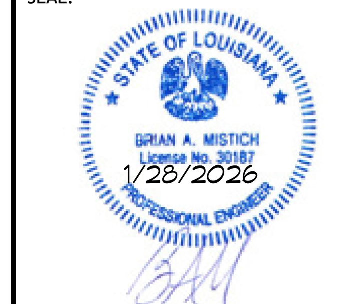

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SHEET TITLE:
ROOFING DETAILS

DRAWING NUMBER:
A102

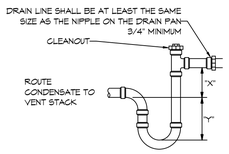
SHEET No: 3 of 12

FILE NAME: J:\... School Public\18 Tom Pardy School Board\2020 - Covington Elementary - HVAC\Dwg\Current\M101 - RTU REPLACEMENT.dwg PLOT DATE & TIME: Wednesday, January 28, 2026 1:58:24 PM

NOTES

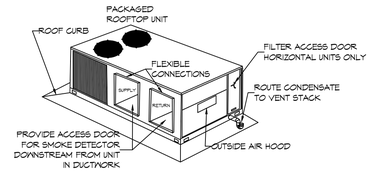
1. RE-USE EXISTING ROOF CURBS AND INSTALL NEW RTU.
2. INSPECT/TEST/REPLACE FLEXIBLE CONDUIT AND WIRES TO RTU AS NECESSARY. INSTALL NEW FUSES TO MATCH INSTALLED RTU.
3. CLEAN AND RE-INSTALL SUPPLY AND RETURN DUCTWORK REMOVED DURING DEMO. INSTALL NEW FLEXIBLE CONNECTIONS AT UNIT. CONTRACTOR SHALL APPLY 2 COATS OF GREY EPOXY PAINT WITH CLASS A SEAMS AND JOINTS TO ALL DUCTWORK. ALL SUPPORT(S) ARE TO REMAIN. AFTER INSTALLATION MEASURE THE TOTAL AIR FLOW AT UNIT DISCHARGE WITH A PITOT TUBE.
4. SIDEWALL PENETRATION AT BUILDING SHALL BE RESEALED AND CONTRACTOR SHALL APPLY 2 COATS OF BITUMINUS GREY PAINT.
5. PROVIDE CONDENSATE DRAINS FROM ALL 3 RTU's ON ROOF ROUTE TO EXISTING PLUMBING ROOF VENT STACKS SHOWN. USE CUSH-A-BOCK, ROOF SUPPORTS, 12", H2 BASE AT 36" OC TO SUPPORT CONDENSATE LINES.

A CUSH-A-BLOCK, ROOF SUPPORT, 12" H2 BASE
SCALE: N.T.S.



NOTES:
LENGTHS "X" AND "Y" SHALL BE DETERMINED BY ROOFTOP UNIT EQUIPMENT BASED ON TOTAL STATIC PRESSURE. "X" AND "Y" SHALL BE EQUAL TO MINIMUM 1/2 TOTAL UNIT STATIC PRESSURE. ALL CONDENSATE PIPING SHALL BE SLOPED AT 1/4" PER FOOT

CONDENSATE TRAP DETAIL
NOT TO SCALE



TYPICAL ROOFTOP UNIT DETAIL
NOT TO SCALE

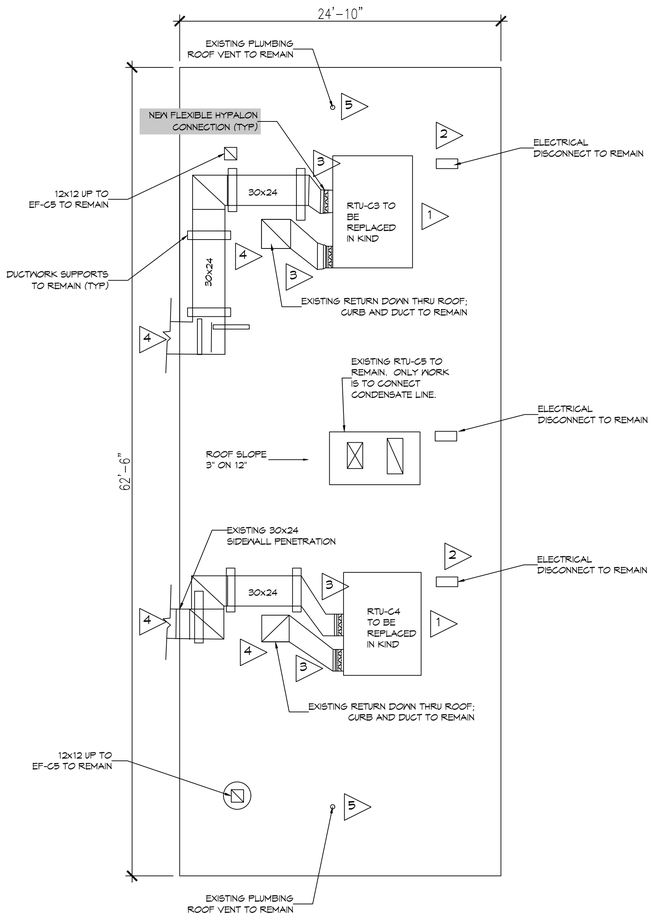
NOTES

1. METAL DUCTWORK SIZES SHOWN ARE METAL SIZES WITH 2" LINING WITH CLASS A SEALED SEAMS AND JOINTS.
2. EXTERIOR DUCTWORK SHALL RECEIVE 2 COATS OF GREY EPOXY PAINT WITH CLASS A SEAMS AND JOINTS SUPPORTED FROM EXISTING ROOF CURB.
3. ALL THERMOSTATS SHALL BE MOUNTED HEAVY DUTY VENTED LOCKING COVER BOX.
4. FLEXIBLE ROOFTOP DUCTWORK CONNECTIN SHALL BE INSULATED WITH 3/4" THICK ARMORFLEX INSULATION WITH ALUMINUM JACKETING. SIDES OF INSULATION SHALL RECEIVE 2 COATS OF BITUMINOUS GREY PAINT.

PACKAGED A/C SCHEDULE – Covington

TAG	AREA SERVED	Make/Model	Model / Size	Nominal Tonnage	Total CFM	OA CFM	External SP ("WC)	HEAT		FILTERS	POWER			MCA	REMARKS
								KW	STAGE		VAC	PH	Hz		
ROOFTOP UNIT															
RTU-C3	Gym Stage	Trane	TSH150-3RK	12.5	4000	2680	0.6	27	2	MERV-8	208	3	60	109	1, 2, 3, 4
RTU-C4	Gym Stage	Trane	TSH150-3RK	12.5	4000	2680	0.6	27	2	MERV-8	208	3	60	109	1, 2, 3, 4
										MERV-8					
										MERV-8					

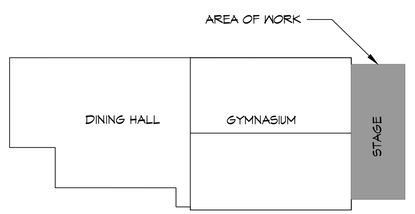
NOTES:
1 Cooling capacities to be rated in accordance with AHRI standard 210/290 for ASHRAE standard design weather conditions in New Orleans, LA.
3 Provide single point connection. Install units in accordance with manufacturer's recommendations.
2 Provide controls per attached drawings and specifications
4 Provide new filters after commissioning and final acceptance.



1 ROOF PLAN
SCALE: 3/16"= 1'-0"

INSTALL CONDENSATE LINES TO PLUMBING VENT STACK(S)

3 PICTURES OF EXTERIOR ROOF
SCALE: N.T.S.



2 KEY PLAN
SCALE: N.T.S.

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REVISIONS

#	DESCRIPTION	DATE

SEAL:
STATE OF LOUISIANA
BRIAN A. MISTICH
13004
PROFESSIONAL ENGINEER
1/28/2026

GYMNASIUM HVAC and ROOF REPLACEMENT
COVINGTON ELEMENTARY SCHOOL
325 S Jackson St.
Covington, LA 70433

JOB No: 2520 | DATE: 12-16-2025
DRAWN BY: CKD | CHECKED BY: JVS

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SHEET TITLE:
MECHANICAL PLAN

DRAWING NUMBER:
M101

SHEET No: 3 of 12