SECTION 00 90 10
ADDENDUM NO. 4

Project: Gallman Place Roof Renovation
Newberry, SC 29108
23234 – A

Date: 24 April 2026

To: All Bid Document Holders

This Addendum forms a part of the contract documents and modifies the bidding documents with amendments and additions noted below.

Acknowledge receipt of this addendum in the space provided in the bid form. Failure to do so may render the bid unresponsive.

Manufacturers and products indicated as an "approved substitution" shall be accepted as equal for the manufacturers given in the contract documents. It is understood that the products submitted for these manufacturers must still meet the specifications of the project, and can be rejected if after review, are determined to be not equal to the product called out in the contract documents.

GENERAL

- The Gallman Place Summary of Work Performed, Core Locations, and Photos are attached.
- Question 1 Received: "How are repairs/replacements to be made for damaged roof deck?"
    - Response: *Section 01 21 00 – Allowances has been revised to add "Allowance No. 2: Include the sum of $10,000 for miscellaneous repairs to the existing roof deck."*
- Question 2 Received: "Should the bidders include a unit cost for repair/replacement of existing roof deck?"
    - Response: *No, please refer to question above for allowance.*
- Question 3 Received: "Addendum 2 states "Infill existing voids at scupper boxes to match adjacent assembly material and thickness". The existing roof deck is concrete panels. They cannot be used to infill the void as there is not enough space to do so and it will require framing underneath to support the panels. Please provide a detail to accomplish this."
    - Response: *Please infill existing voids with Zono-Patch Lightweight Repair Compound (or equal) to match the adjacent concrete thickness. Dowel into existing deck at four points to support compound. Refer to*

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Suite 400
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864.232.8200

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- Question 4 Received, “The number nor spacing between downspouts is identified on the drawings. Is the contractor to assume new downspouts are to located in the existing scupper openings?”
    - Response: *Yes, the downspouts will be located where the existing scupper openings are located on the drawings.*
- Question 5 Received, “30 working days to complete the project is not practical. The scope has changed from mechanically attached to fully adhered. Can this be changed to 60 days?”
    - Response: *Please refer to 00 41 00 Section D. The time to complete work is 90 calendar days.*
- Question 6 Received, “The complete existing roof deck is unknown at this time. Will an adhered specification be provided once roof cores are taken and the roof deck is determined?”
    - Response: *Yes, please refer to Addendum No. 2 for the Specification 07 54 23 Thermoplastic Polyolefin Membrane Roofing for the specification on adhered application.*

PROJECT MANUAL

- Section 01 21 00 – ALLOWANCES – REVISED
    - Under Section 3.3, added “Allowance No. 2: Include the sum of $10,000 for miscellaneous repairs to the existing roof deck.”

DRAWINGS

- T1.01 – TITLE SHEET – REV B
    - Added “Allowance No. 2: Include the sum of $10,000 for miscellaneous repairs to the existing roof deck.”

ATTACHMENTS:

- Gallman Place Summary of Work Performed, Core Locations, and Photos.
- Section 01 22 00 – ALLOWANCES - REVISED
- T1.01 – TITLE SHEET – REV B
- Zono-Patch Lightweight Repair Compound Literature

END OF SECTION

BUNNELL LAMMONS ENGINEERING

Field Observation

Report #: 001

Client: Clayton Construction Company
Project: Gallman Place Roof Coring
Location: 540 Brantley Street, Newberry, South Carolina

Report Date: 04/16/2026
Project #: 553

FIELD DATA

Weather: Partly Cloudy

Temperature (°F): 82

SUMMARY OF WORK PERFORMED

Arrived to meet Ed Clay and the county representative on site to core through the roof covering of the existing building. The roof was accessed from the single-story elevation via extension ladder. A total of 6 locations were cored using a hand coring tool. The roof consists of a tar and gravel covering over the entire area of interest, which excluded the gymnasium.

Each core penetrated through the tar, gravel, and fiberglass sheets on the roof surface. Below these layers was a layer of perlite insulation. Below that, what appears to be a concrete substrate was encountered. Depth of the cores was approximately 2 inches, varying slightly with location. The roofing material did not appear well-adhered to the concrete, as extraction of the coring tool would lift the roof off the concrete.

The concrete below was tested using a rebound hammer, but most locations appear too thin for reliable readings. Only the new addition beyond the old exterior wall had enough resistance for rebound readings. Due to the small access opening, the standard test method for rebound testing could not be followed. This involves at least 10 separate readings averaged and compared to the rebound values provided with the rebound hammer. In this instance the rebound hammer was used as a qualitative tool. The concrete below the roof was relatively soft and could be scored with the core cutting tool. It also appears to be relatively thin, with vibrations during rebound hammer testing felt 2 to 3 feet away. What appear to be concrete roof panels were visible around the perimeter of the building, and these are presumed to be the substrate below the roof. Joints or gaps between the panels were found at two of the cored locations. These panels appear similar to the ones forming canopies above the gym door and front canopy, though rebound hammer testing indicates the ones used on the roof are potentially thinner.

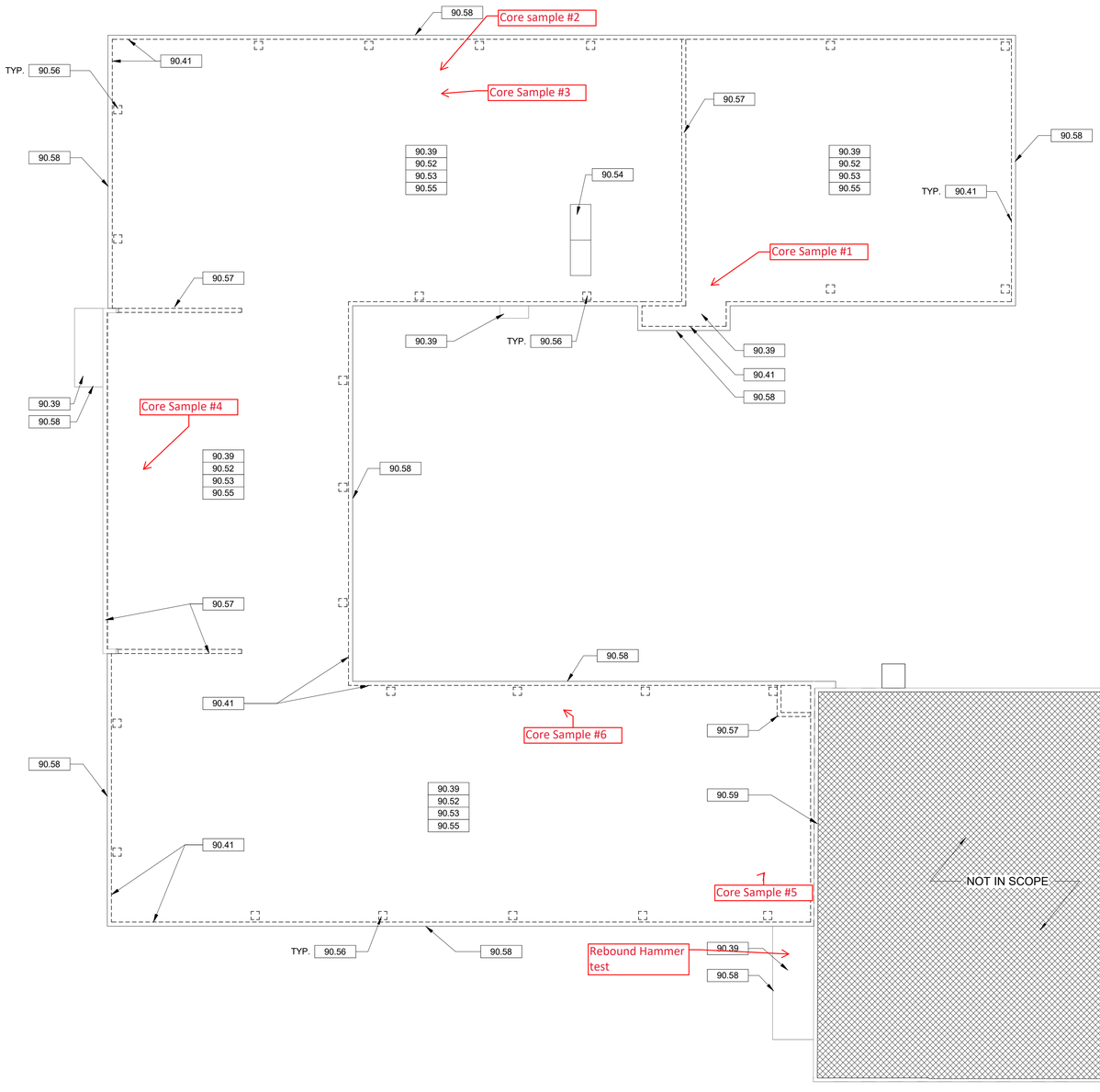
Notes: We appreciate the opportunity to provide our services and look forward to continued participation on this project. If you need additional information regarding this communication, please call our office.

Report Copied to: E. Clay, Josh Kale

Representative/Inspector: Chris Anders

Chris Anders, P.E.
Senior Engineer (#25991)
Bunnell Lammons Engineering, Inc.

Notes: As requested, a representative from our company arrived on site as scheduled and performed the above test. These test results apply only to the specific locations noted and do not represent any other location. Reports may not be reproduced except in full, without permission.



1 AD1.01 DEMOLITION ROOF PLAN
1/16" = 1'-0"

GENERAL ROOF DEMOLITION NOTES

A. COMPLETE ROOF REMOVAL DOWN TO THE EXISTING ROOF DECK SHALL BE COMPLETED EVERYWHERE EXCEPT THE GYMNASIUM. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
B. ALL ABANDONED ROOF TOP EQUIPMENT TO BE REMOVED WITH THE ROOF DECK BEING PATCHED AS REQUIRED, EXCEPT VENTILATORS AND PLUMBING VENTS.
C. ALL EXISTING GUTTERS, COLLECTOR BOXES, AND DOWNSPOUTS TO BE DEMOLISHED TO PREPARE FOR NEW WORK.

DRAWING NOTES

90.39 REMOVE EXISTING ROOF SYSTEM COMPLETELY DOWN TO ROOF DECK. PREPARE FOR NEW ROOF ASSEMBLY.
90.41 REMOVE EXISTING METAL ROOF EDGE COMPLETELY DOWN TO DECK AND PREPARE FOR NEW WORK.
90.52 ALL EXISTING MECHANICAL EQUIPMENT ON THE ROOF TO BE DEMOLISHED.
90.53 EXISTING ROOF VENTILATORS TO BE PRESERVED. PROTECT DURING WORK.
90.54 REMOVE EXISTING FAN AND DUCTWORK ASSOCIATED WITH KITCHEN HOOD. PROTECT EXISTING CURB AND CAP.
90.55 EXISTING PLUMBING VENTS THROUGH ROOF MUST BE PRESERVED. PROTECT DURING ROOF WORK. VERIFY CONDITION AND REPAIR VENTS AS NECESSARY.
90.56 DEMOLISH EXISTING COLLECTOR BOX AND ASSOCIATED DOWNSPOUT. TYPICAL AT PERIMETER OF BUILDING.
90.57 DEMOLISH EXISTING PARAPET COPING SYSTEM ENTIRELY DOWN TO PARAPET WALL CONSTRUCTION. REMOVE ASSOCIATED BLOCKING AND PREPARE FOR NEW WORK.
90.58 PREPARE EXISTING CONCRETE DECK OVERHANG (BOTH VERTICAL AND HORIZONTAL SOFFIT SURFACES) FOR FUTURE PAINT FINISH. REMOVE EXISTING PEELING (UNSTABLE) PAINT COATINGS DOWN TO A SMOOTH SURFACE PREPARED FOR PAINT FINISH.
90.59 REMOVE EXISTING TERMINATION FLASHING AND PREPARE REGLET JOINT TO RECEIVE NEW FLASHING. TYPICAL ALONG JOINT OF LOW ROOF TO GYMNASIUM WALL.

BLE Technician Arrived at the Gallman School at 9am on 4/16/26. He took 6 core samples from various locations on the tar and gravel roof. All 6 samples were similar in makeup, with the highest reading at core sample #1. Tim Milstead was on site and told us that this section of the roof was an addition to the original building, and this roof could have a different concrete makeup. The roof deck appears to be concrete throughout, approximately 2" of pearlite insulation and tar/ gravel roof. The concrete decking was consistent throughout but the rebound hammer results varied. The technician said that the concrete decking was not giving a high reading, and his suspicion for the low reading was a result of the roof decking being suspended and there was noticeable flex in the roof as we walked around. it was solid throughout, but the rood deck did not appear to be compromised anywhere. He did a rebound hammer test on the exposed concrete awning to compare the readings from the core locations and said the results were comparable to the 6 sample locations, so his assumption is that the roof deck was made of the same concrete panels as the exposed awning. We did not find any wood decking in any of the locations that were tested.

Seal

STATE OF SOUTH CAROLINA
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REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MICHAEL THOMAS PRY
GREENVILLE, SC
04570
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17 MARCH 2026

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Project

COUNTY OF NEWBERRY SOUTH CAROLINA 1785

NEWBERRY COUNTY
GALLMAN PLACE ROOF REPLACEMENT

Project Number	23234 - A
Drawn By	LTG
Checked By	MTP
Date	17 MAR 2026

Revisions

Drawing

ROOF DEMOLITION PLAN

AD1.01

SECTION 01 21 00
ALLOWANCES - REVISED

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Cash allowances.

1.02 RELATED REQUIREMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this section.

1.03 SUMMARY

A. Section includes administrative and procedural requirements governing allowances.

1. Specific work and tasks are defined in the Contract Documents by allowances. Allowances have been established in lieu of specifying complex, system integration tasks as part of the project specifications. The Contractor shall coordinate, schedule and manage the work of the System Integrator (hereinafter referred to as Integrator) on this project.

B. Types of allowances include the following:

1. Unforseen\Unknown Condition Allowances.
4. Undefined Scope Allowance.

1.03 CASH ALLOWANCES

A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts. Mark ups and fees shall not be allowed.

B. Costs Included in Cash Allowances: Overhead, profit, and related costs for products and equipment ordered under the contingency allowance are included in the allowance and are not part of the Contract Sum. These costs include delivery, installation, taxes, insurance, equipment rental, and similar costs.

C. Architect Responsibilities:

1. Consult with Contractor for consideration and selection of products, suppliers, and installers.

D. Contractor Responsibilities:

1. Assist Architect in selection of products, suppliers, and installers.
2. Obtain proposals from suppliers and installers and offer recommendations.
3. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
4. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.

E. Use the allowances only as directed by Architect for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.

F. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

1.04 ADJUSTMENT OF ALLOWANCES

A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances

for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.

1. Include installation costs in purchase amount only where indicated as part of the allowance.
2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other margins claimed.
3. Submit substantiation of a change in scope of work, if any, claimed in Change Orders related to unit-cost allowances.
4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.

B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.

1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of work has changed from what could have been foreseen from information in the Contract Documents.
2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

1.06 SUBMITTALS

A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.

B. Coordinate and process submittals for allowance items in same manner as for other portions of the Work. Integrator shall submit shop drawings and product data information to Architect for approval prior to ordering of any equipment.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.1 EXAMINATION

A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

Allowance No. 1: Include the sum of $10,000 for miscellaneous repairs to the existing gymnasium roof.

Allowance No. 2: Include the sum of $10,000 for miscellaneous repairs to the existing roof deck.

END OF SECTION

NEWBERRY COUNTY
GALLMAN PLACE ROOF REPLACEMENT

540 BRANTLEY STREET
NEWBERRY, SC 29108

GENERAL NOTES

A. THE TERM "WORK" AS USED IN THESE NOTES SHALL INCLUDE ALL PROVISIONS AS DRAWN OR SPECIFIED IN THESE DOCUMENTS AS WELL AS ALL OTHER PROVISIONS SPECIFICALLY INCLUDED BY THE OWNER IN THE FORM OF DRAWINGS, SPECIFICATIONS, AND WRITTEN INSTRUCTIONS AND APPROVED BY THE ARCHITECT.

B. THE TERM "CONTRACTOR" AS USED IN THESE NOTES SHALL REFER TO THE GENERAL CONTRACTOR OR TO THE SUB-CONTRACTORS. THE OWNER MAY ELECT TO CONTRACT DIRECTLY WITH A SUB-CONTRACTOR FOR ANY PART OF THE WORK.

C. SCOPE OF WORK: THE CONTRACTOR SHALL INCLUDE AND PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION, AND PAY ALL EXPENSES INCURRED IN THE PROPER COMPLETION OF WORK UNLESS SPECIFICALLY NOTED TO BE THE WORK OF OTHERS. CONTRACTOR SHALL PERFORM ALL WORK NECESSARY FOR PRODUCING A COMPLETE, HABITABLE PROJECT, INCLUDING BUT NOT LIMITED TO SITE WORK, ARCHITECTURAL, STRUCTURAL, FIRE PROTECTION, PLUMBING, HVAC, AND ELECTRICAL.

D. BEFORE CONSTRUCTION BEGINS, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND SHALL NOTIFY THE ARCHITECT, IN WRITING, OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK AND SHALL BE RESPONSIBLE FOR SAME.

E. IF THE CONTRACT DOCUMENTS ARE FOUND TO BE UNCLEAR, AMBIGUOUS OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH THAT PART OF THE WORK.

F. IF A CONDITION EXISTS THAT REQUIRES OBSERVATION OR ACTION BY THE ARCHITECT, OR OTHER DESIGN PROFESSIONAL, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT.

G. CONTRACTOR SHALL BE FAMILIAR WITH PROVISIONS OF ALL APPLICABLE CODES AND SHALL ENSURE THE COMPLIANCE OF THE WORK WITH ALL LOCAL, STATE AND FEDERAL CODES, TRADE STANDARDS AND MANUFACTURER'S RECOMMENDATIONS. IN THE EVENT OF CONFLICT BETWEEN LOCAL, STATE AND NATIONAL CODES, THE MORE STRINGENT SHALL GOVERN. BEFORE COMMENCING WORK NOT SHOWN IN DOCUMENTS, BUT REQUIRED TO ACHIEVE FULL COMPLIANCE WITH CODES, CONTRACTOR SHALL NOTIFY ARCHITECT.

H. THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY, COMPLIANCE WITH STATE AND FEDERAL REGULATIONS REGARDING SAFETY AND COMPLIANCE WITH REQUIREMENTS SPECIFIED IN THE OWNER/CONTRACTOR CONTRACT IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY.

I. CONTRACTOR SHALL PAY ALL TAXES, SECURE ALL PERMITS AND PAY ALL FEES INCURRED IN THE COMPLETION OF THE PROJECT.

J. THE CONTRACTOR SHALL UNCONDITIONALLY WARRANTY ALL MATERIALS, AND WORKMANSHIP FURNISHED OR INSTALLED BY HIM OR HIS SUBCONTRACTORS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE AND SHALL REPLACE ANY DEFECTIVE WORK WITHIN THAT PERIOD WITHOUT EXPENSE TO THE OWNER AND PAY FOR ALL DAMAGES TO OTHER PARTS OF THE BUILDING RESULTING FROM DEFECTIVE WORK OR ITS REPAIR. THE CONTRACTOR SHALL REPLACE DEFECTIVE WORK WITHIN A REASONABLE, AGREED UPON TIME FRAME, AFTER IT IS BROUGHT TO HIS ATTENTION.

K. THE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS AND RUBBISH AND AT THE COMPLETION OF THE WORK THE CONTRACTOR SHALL REMOVE ALL RUBBISH, IMPLEMENTS, AND SURPLUS MATERIALS AND LEAVE THE BUILDING IN NEW AND CLEAN CONDITION.

L. CONTRACTOR IS TO PROVIDE TO THE OWNER A LIST OF ALL SUBCONTRACTORS USED, COMPLETE WITH ADDRESSES, PHONE NUMBERS AND COPIES OF ALL WARRANTIES AND OPERATIONS AND MAINTENANCE MANUALS.

COORDINATION OF WORK

ALL NOTES APPLY TO ALL DRAWINGS AND ALL TRADES. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS AND SUB-CONTRACTORS TO COORDINATE THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND SUB-CONTRACTORS. THE REQUIREMENTS OF THE DRAWINGS, GENERAL REQUIREMENTS, AND ALL ITEMS OF THE CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AND SUB-CONTRACTORS. EACH CONTRACTOR IS REQUIRED TO MAINTAIN FULL SETS OF THE CONTRACT DOCUMENTS FOR HIS EMPLOYEE'S USE ON THE PROJECT AND ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND SUB-CONTRACTORS.

CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES AND SAFETY PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK.

PROJECT SCOPE

THE SCOPE OF THE PROJECT IS A PARTIAL ROOF REPLACEMENT OF APPROXIMATELY 30,000 SF OF THE EXISTING HIGH SCHOOL FOR A COMMUNITY CENTER; EXCLUDING THE ROOF OVER THE EXISTING GYMNASIUM.

DRAWING SYMBOL LEGEND

1 / A1.1 / 1 — ELEVATION TAG

1 — REVISION TAG

SIM / 1 / A1.1 — SECTION TAG

? — NOTE TAG

SIM / 1 / A1.1 — DETAIL TAG

PROJECT CONTACTS

OWNER

NEWBERRY COUNTY
1309 COLLEGE STREET
P.O. BOX 156
NEWBERRY, SC 29108

CONTACT:
CRYSTAL WALDROP
T: 803.321.2100
CWALDROP@NEWBERRYCOUNTY.GOV

CONSTRUCTION MANAGER

CLAYTON CONSTRUCTION
121 VENTURE BLVD # A
SPARTANBURG, SC 29306

CONTACT:
JOSH KALE
T: 864.576.1901
JKALE@CLAYTONCONSTRUCTION.NET

ARCHITECT

DP3 ARCHITECTS, LTD.
15 SOUTH MAIN STREET
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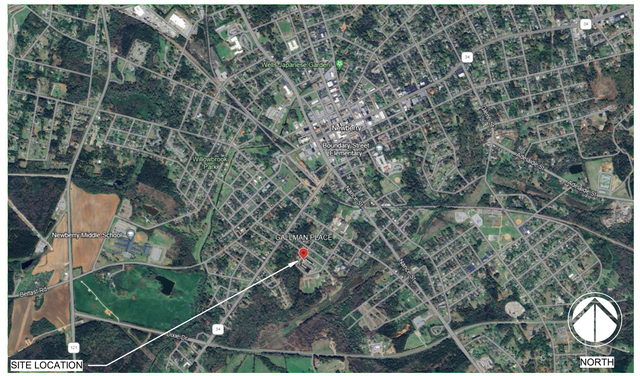
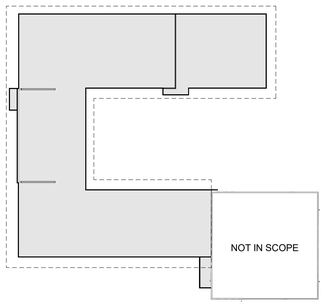
CONTACT:
LAUREL GETTY
T: 864.232.8200
LGETTY@DP3ARCHITECTS.COM

VICINITY MAP

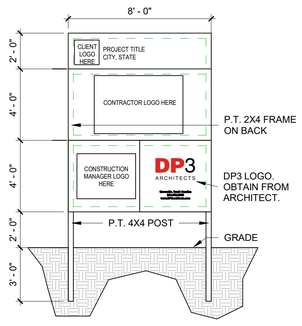




KEY PLAN

1/64" = 1'-0"

PROJECT SIGN



NOTES:

1. GC TO PROVIDE AND INSTALL ONE PROJECT SIGN. LOCATIONS TO BE DETERMINED IN FIELD. VERIFY LOCATION WITH OWNER.
2. PROJECT SIGN TO REMAIN PROMINENTLY DISPLAYED DURING ENTIRE CONSTRUCTION PERIOD. REMOVE FROM PROJECT SITE WHEN BUILDING OCCUPIED AND OPEN FOR BUSINESS.
3. SIGN PAINTED ON 3/4" EXTERIOR PLYWOOD. LETTER STYLE AND PLACEMENT SHOULD BE SIMILAR TO THAT SHOWN.
4. PROVIDE KICK BACK TREATED WOOD POSTS AS NEEDED. PAINTED WHITE.

DRAWING INDEX

NUMBER	SHEET NAME	SHEET ISSUE DATE	CURRENT REVISION	CURRENT REVISION DATE
TITLE				
T1.01	TITLE SHEET		B	4/24/26
ARCHITECTURE				
AD1.01	ROOF DEMOLITION PLAN			
ARCHITECTURE				
A1.01	ROOF PLAN		A	4/10/26
A1.02	ROOF DETAILS		A	4/10/26

ALLOWANCES

B

ALLOWANCE NO.1: INCLUDE THE SUM OF $10,000 FOR MISCELLANEOUS REPAIRS TO THE EXISTING GYMNASIUM ROOF.

ALLOWANCE NO. 2: INCLUDE THE SUM OF $10,000 FOR MISCELLANEOUS REPAIRS TO THE EXISTING ROOF DECK.

Seal

STATE OF SOUTH CAROLINA — DP3 ARCHITECTS LTD. — GREENVILLE, SC — B - 84017 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MICHAEL THOMAS PRY — GREENVILLE, SC — 04570 — REGISTERED ARCHITECT

17 MARCH 2026

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Project

NEWBERRY COUNTY
GALLMAN PLACE ROOF REPLACEMENT

Project Number	23234 - A
Drawn By	LTG
Checked By	MTP
Date	10 APR 2026

Revisions

B	4/24/26	Addendum 4

Drawing

TITLE SHEET

T1.01

Zono-Patch

Patching Compound for Lightweight Insulating Concrete

Zono-Patch is a unique mixture of cementitious binders, low density fine aggregates, and proprietary additives specifically designed for the repair of lightweight insulating concrete roof deck surfaces of all types, including vermiculite, perlite, and cellular foam. Zono-Patch is ideally suited for filling base ply fastener holes, repairing incidental surface damage, and thin patch repair of bird baths, rough cold joints, etc. in both new and existing lightweight insulating concrete surfaces. The special formulation of Zono-Patch is moisture resistant, fast-setting, and allows feather-edging of thin coat applications.

- Unlike gypsum compounds, the mixture of cementitious binders used in Zono-Patch make it resistant to moisture from sources such as subsequent inadvertent roof leaks.
- Zono-Patch has an accelerated "set" or rate of strength gain. Therefore, the repaired surface will accept foot traffic and base ply fasteners and can be covered with new roof membrane within two to four hours of application.
- The formulation of Zono-Patch makes it possible to feather-edge (trowel to zero thickness) patches with predictable bond and resistance to delamination and spalling.

Zono-Patch Mixing Instructions

One five-gallon container of Zono-Patch requires approximately 3.0 gallons of water for mixing. The quantity of water may be adjusted to control the consistency and handleability of the material during application. Adding more water will make the product more fluid; less water will make it stiffer. Sufficient water should be added to create a wet mix that is easily troweled and finished to a smooth surface.

ALWAYS ADD DRY POWDER TO WATER!

Adding water to powdered material will result in an unmixable combination.

Mixing can be accomplished in a mortar mixer or in a plastic pail with a "jiffy" mixer attached to a drill motor. Using either method, mix until the wet slurry is of a smooth, lump-free, creamy consistency.

Partial container quantities may be mixed; simply ratio the water accordingly. Multiple container quantities may be mixed using the same concept.

Zono-Patch Application Instructions

Remove all debris from the area, and remove any deteriorated roof deck material, down to a sound substrate. For improved bonding, moisten the existing lightweight insulating concrete surface with water or a 1:1 dilution of acrylic or PVA concrete bonding agent. The extent of moistening necessary will depend on the nature of the surface being repaired. Very low density, potentially dusty surfaces will require more preparation. If moistening is insufficient, the product will stiffen (from moisture starvation) too quickly to finish.

Pump or pour the Zono-Patch into place. Finish Zono-Patch to a smooth surface. Trowell finish the feathered edges to a smooth transition to the existing surface in a workman-like manner.

When mixing Zono-Patch, always add dry powder to water.

Using a mortar mixer or "jiffy" mixer, mix to a smooth, creamy consistency.

Remove all debris from the area.

Moisten the existing substrate with water.

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North Vancouver, BC, Canada V7M 3M7
604-929-7687

Customer Service in North America:
Toll Free 1-800-922-8800

www.siplast.com

For thin patch repair, pour Zono-Patch into place.


Screed Zono-Patch to a smooth finish.


Trowel-finish a feathered edge.

Fill and repair divots with a trowel.

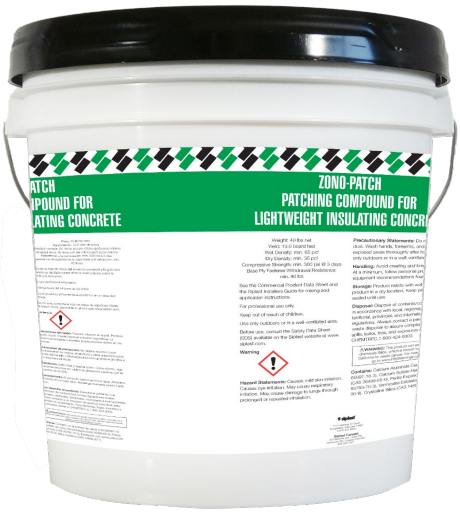
Application Limitations:

Temperature

Zono-Patch must not be installed when the air temperature will fall below 32° F during the first twenty-four hours after application of the product.

Thickness

Do not apply large areas of Zono-Patch at thicknesses of two inches or more. When conditions require patches of this magnitude, use an appropriate non-accelerated patching material (NVS Premix or equivalent).



ZONO-PATCH®

Commercial Product Data Sheet

Zono-Patch is a unique mixture of cementitious binders, low density fine aggregates and proprietary additives specifically designed for repair of lightweight insulating concrete roof deck surfaces of all types. It is fast setting, provides resistance to moisture, and provides the ability to feather-edge thin coat applications.

Contact Siplast for information on approved product uses.

USES:
SLIC PATCHING COMPOUND

Wet Density	Min. 65 pcf (1041 kg/m^3)
Dry Density	Min. 35 pcf (560.6 kg/m^3)
Compressive Strength	Min: 300 psi (21.1 kg/m^2) at 3 days
Thickness	≤ 2 in
Base Ply Fastener Withdrawal Resistance	Min. 40 lb (18.1 kg)
Temperature Limitations	Do not install below 32°F during 24 hours following application of product.
Container Yield	Pails: 7.0 BF (16.4 L) Bag: 13.0 BF (30.6 L)

PRODUCT INFORMATION

Application

Refer to the applicable Siplast Technical Guide for detailed application information.

Storage and Handling

Zono-Patch contains cementitious binders, which must be kept dry and away from moisture at all times. Failure to protect stored product from moisture will cause the binders to set in the container, rendering the product unusable. Therefore, store the product in a dry location until ready for jobsite delivery and use. On the jobsite, the product must be protected from moisture until it is mixed with water. When stored in a dry location, the product has a maximum shelf life of 12 months.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging

Pallet: 42 in x 48 in (107 cm x 122 cm) wooden pallet

Weight Per Container: 22 lb (10.0 kg)
Pails Per Pallet: 42

Weight Per Bag: 40 lb (18.14 kg)
Bags Per Pallet: 50

Pallets Per Truckload: 20

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