

Board of County Commissioners of the County of Burlington



**Office of the
Division of Purchasing**
First Floor, Room 104
49 Rancocas Road
Mount Holly, New Jersey 08060

Phone: 609.265.5012
Fax: 609.265.5438

DATE OF ADDENDUM: May 16, 2025

TO ALL PROSPECTIVE BIDDERS:

**Additions & Alterations, Department of Public Works, 10 Hartford Road, Delran, NJ
(CPU-25-0009A)**

Addendum No. 1

The purpose of this addendum is to provide answers to questions received by the deadline for questions; provide pertinent information regarding changes to the issued specifications and project drawing for the solicitation of bids titled **"Additions & Alterations, Department of Public Works, 10 Hartford Road, Delran, NJ" (CPU-25-0009A)**.

Bidders shall review all documentation included in this Addendum No.1. All documents and information contained in this addendum is hereby added to the specifications for the solicitation of bids referenced above.

All Bidders shall acknowledge receipt of this addendum under the "Attributes" tab within the solicitation at <https://burlcobids.ionwave.net>. An attribute regarding addendum acknowledgement was added and is required prior to bid submission.

The deadline for the receipt of bids is **May 29, 2025, at 10:30 a.m. (local time)**.

Project

Burlington County Department
of Public Works Addition
10 Hartford Road,
Delran Township, NJ, 08075

Addendum No.: 1

Project No.: 2241869

Date: May 15, 2025

This Addendum is issued for the purpose of amending certain requirements of the Bidding Documents and is hereby made an integral part of the Contract Documents for this project. Statements made herein shall amend, supersede, and take precedence over any conflicting and contrary information contained in previously issued documents including previously issued addenda, if any. Bidders shall acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

CONTRACTOR QUESTIONS AND RESPONSES:

Clarification Questions and Responses:

1. When is this project expected Job start and how long is construction duration? **Duration of Project is 9 Months from Notice to Proceed. The County has 60 Days from receipt of Bids to Award the Contract.**
2. Is there an estimated budget for this project? **There is no estimated budget for the project**
3. Will any of the following insulated metal panel manufacturers be considered as approved equals if the IMP manufacturer can meet or exceed the plans and specifications? 1.Metl-Span (A Nucor Company). 2.King Span Insulated Metal Panels. 3.AWIP (All-Weather Insulated Metal Panels) **Substitutions will be allowed as per procedures outlined in the specifications package. GC to provide all necessary backup information to provide sufficient information that substituted product is an equal to specified product.**
4. Specification section 074116, 1.8.1.a, shows a 12-foot-long x 6-foot mock required for the insulated metal roof panels. Will any mock-ups be required for the insulated metal roof panels? Or will the manufacturer's standard approximate 2-foot x 2-foot sample be sufficient? **See revised Specification Section 074116**
5. Specification section 074416, 1.12.C (Insulated Metal Roof Panels) shows a 20-year weathertightness warranty requirement. Specification section 074416, 2.1.A shows a "Versapanel" by Centria (Kingspan "KingRib 3/5 similar). A 20-year weathertightness warranty cannot be provided for non-standing seam/through-fastened roof panels. Please verify that a weathertightness warranty is not required for the insulated metal roof panel system. **See revised Specification Section 074116**
6. Section 074416, 2.2.F shows an FM4471, 1A-90/MH requirement. An FM4471, 1A-90/MH cannot be provided for non-standing seam/through-fastened roof panels. Through-fastened type roof panels have max FM-rating of 1A-60 and may require additional roof framing or redesign of the PEMB. Please verify that the required FM-rating will be 1A-60. Or that the FM-rating is not required for the insulated metal roof panel system. **See revised Specification Section 074116.**
7. Please clarify the bid bond amount. Instructions to Bidders #14 states "5% of the bid"

whereas Section 00420 states "10% of the bid, not to exceed \$20,000 **See revised Specifications Section 00100.**

8. Please provide size, gauge, and spacing of z-girts/ hat channels for metal roof. **Proposed metal trusses and all associated roof framing is a delegated design by the Contractor/roof truss manufacturer. This design and associated calculations shall be reviewed by RVE structural engineer for approval prior to construction. Also, see revised Specification Section 074116.**
9. Structural drawings show horizontal W16x40 steel I beams between existing metal building columns to support new roof trusses. There are no details on plans on how these should be supported or attached to existing columns. Building section on S-201 appears to show columns spaced off existing masonry wall, but they are currently right against that masonry wall which would mean all electric being fed to panels below would need to be relocated. The beam needed to be installed between column line A & B at column line 5 has no support steel at inside corner? How would this beam be supported, there a multiple utilities in this location? Please provide details. **W16x40 steel beams are shown to be welded to existing building columns via ¼" fillet weld in Section A/S-201. Existing utilities will need to be re-routed if conflicting with proposed steel framing. W16x40 steel beam between column line A & B at column line 5 shall be connected to existing corner column identical to all other beam/column connections. Existing building column not shown on S-104 in corner.**
10. Will additional framing need to be added @ man door locations 110, 113 & 113A? Existing door frames are attached directly to the metal panels with no support framing and details J6 and H6 on A312 show interior framing components that do not currently exist. **New doors numbered 110, 113, & 113A will be attached directly to metal panels with no added framing support which matches existing conditions.**
11. Drawing AD-103, note #16 states to replace any fireproofing disturbed during construction/demolition to be restored to original condition. This contradicts the added note #29 on AD-103, stating to scrap off all existing fireproofing to prepare for a new paint finish. Please confirm if the intent is to scrape off ALL of the existing fireproofing to prepare for a new paint finish as per spec 09-91-23 in lieu of new sprayed on fireproofing. **Design intent is to remove all existing fireproofing and prepare for new paint finish as per spec. Fireproofing has been completely removed from the scope. All existing fireproofing to be stripped and surfaces prepared for new paint finish.**
12. Civil drawings are missing from the drawings issued for rebid. Please provide civil drawings. **Civil Drawings have been added to the addendum No. 1. Drawings C.1 & Site Survey.**
13. Does addendum 1 from the previous solicitation apply to this re-bid? If so, please confirm if sprayed on fireproofing is still in the scope of work for this project as per spec 07-81-00. **No, Addendum No 1 from previous solicitation does NOT apply to this Re-Bid. Spray on Fireproofing has been completely removed from scope. All existing fireproofing to be stripped and surfaces prepared for new paint finish.**
14. Does ALL of the existing steel, including the exposed ceiling of the existing maintenance building, get painted as per spec 09-91-23? **All existing steel to receive new paint finish, including purlins/z-girts in the existing maintenance building.**
15. Drawing A-313 shows "L2- Aluminum Mechanical Louvers. Be advised, these are architectural louvers. Please provide louver spec. **The Exterior Louvers basis of design as per provided spec is #089119: Model # ELF375DXH by Ruskin. GC to provide specifications for approval.**
16. The plans call out Kawneer AA6400 casement outswing windows. The spec calls out Kawneer "NX-3500" project out or fixed over project out Awning windows. 1.Are we supposed to bid the windows drawn in the plans? Or are we to provide a price for the

windows in the spec, and if so, what would the configuration of the Kawneer NX3500 be?

2. The spec states that an approved equal can be used. Can I use an equivalent product by Winco windows? **Please Use the Kawneer AA6400 outswing casement windows as per drawings as the basis of design for your bid. Substitution will be allowed however, please refer to substitutions section in spec package and provide all necessary backup for to compare the substitution to the basis of design. The substitution to be EQUAL or better.**

17. Is Temp fence required? Please clarify location **Temp. fences will not be required.**
18. Is Temp walls required? Please clarify location **Temp. walls will not be required.**
19. Is G.C. required to provide Temp power and who is responsible for temp costs **Owner will permit use of existing utilities. GC is required to make all temporary connections**
20. Is G.C. required to provide Temp water and who is responsible for temp costs **Owner will permit use of existing utilities. GC is required to make all temporary connections**
21. Is there a Designated lay down "shake out area" **GC and owner to coordinate location of shake out area following bid award.**
22. Is Surveyor layout and drawing required (cost responsibility) **Please refer to attached Civil Package inclusive of site survey.**
23. Are 3rd party inspections required (cost responsibility) **GC to coordinate the typical special inspections of soils, concrete, steel, plumbing, mechanical, electrical. As per section 17 of the IBC. Costs by Owner**
24. Are any Type of Testing required (cost responsibility) **GC to coordinate all required testing as per specifications package. Costs by Owner**
25. Is an as built survey required (cost responsibility) **Please refer to attached Civil Package inclusive of site survey. No as built required for existing building.**
26. Is a Drawing for sleeve's, openings, block-outs prior to concrete pour required **GC is not required to Provide shop drawings for sleeve's, openings, & Blackouts prior to concrete pour. We will require however that the GC provide a coordination drawing for coordination purposes only.**
27. De-water of rain water on-site (acceptable) **Dewatering on a construction site shall meet the requirements outlined in the latest edition of The Standards for Soil Erosion and Sediment Control in New Jersey.**
28. Underpinning of existing footings (required). **Underpinning of existing footings is not required.**
29. Proposed Steel W16x40 get welded to existing columns (clarify). **Proposed W16x40 will be welded to existing columns with 1/4" fillet weld all-around, as shown in A/S-201.**
30. Existing Steel fireproofing is compromised and disturbed, please clarify area or locations for spray applied fireproofing **No new fireproofing to be installed anywhere within this project. All existing fireproofing to be stripped and surfaces prepared for new paint finish.**
31. Please provide type and thickness of spray on fireproofing Should we provide unit cost. **We do not have any spray on fireproofing within our scope**

CHANGES TO SPECIFICATIONS:

Item No: 01 Table of Contents – TOC – (TOC was **Revised**).

Item No: 02 Specification Section 00100 – Instruction to Bidders – (This Specification Section is to **Replace** the current Section in the Bidding Documents).

Item No: 03 Specification Section 00410 – Bid Form – (This Specification Section is to **Replace** the current Section in the Bidding Documents).

Item No: 04 Specification Section 012100 - Allowances - (The Sub-Sections 3.3.B. & 3.3.C costs were **Revised**).

Item No: 05 Specification Section 074116 – Insulated Metal Roof Panels, has been **Revised**.
Changes were made to the following Sub-Sections;

- a. Mockup Section 1.7.A.
- b. Warranty Section 1.11.C.
- c. Manufacturers Section 2.1.A.
- d. Performance Requirements Section 2.2.F.
- e. Miscellaneous Materials Section 2.5.A.

ATTACHMENTS:

Specifications:

- Revised – 00010 Table of Contents (AD1).
- Revised – 00100 Instruction to Bidders (AD1)
- Revised - 00410 Bid Form (AD1)
- Revised - 012100 Allowances (AD1)
- Revised – 074116 Insulated Metal Roof Panels (AD1)

Drawings:

- Civil Site Survey
- C-1 Construction Plan

END OF ADDENDUM NUMBER ONE

**SECTION 00010
TABLE OF CONTENTS**

TABLE OF CONTENTS – VOLUME 1

DIVISION 0 - BIDDING REQUIREMENTS, CONTRACT FORMS AND CONDITIONS OF THE CONTRACT

SECTION 00010	<i>Table of Contents (R)</i>	
SECTION 00050	Project Summary	00050-1 to 2
SECTION 00100	<i>Instructions to Bidders (RP)</i>	00100-1 to 5
SECTION 00300	Burlington County General Conditions	00300-1 to 48
SECTION 00400	Bidders Checklist	00400-1
SECTION 00410	<i>Bid Form (RP)</i>	00410-1 to 5
SECTION 00420	Bid Guarantee Form	00420-1
SECTION 00430	Consent of Surety Form	00430-1
SECTION 00440	Ownership Statement	00440-1
SECTION 00450	Non Collusion Certification	00450-1
SECTION 00460	Qualifications Questionnaire	00460-1
SECTION 00470	Form of Agreement	00470-1 to 2
SECTION 00480	Performance and Payment Bond Form	00480-1 to 2
SECTION 00490	Disclosure Statement and Certification	00490-1 to 3
SECTION 00500	Public Works Registration	00500-1
SECTION 00510	Release of Lien Form	00510-1 to 2
SECTION 00520	Affirmative Action	00520-1 to 5
SECTION 00530	Prevailing Wage Rates / Listed Contractors and Subcontractors	00530-1
SECTION 00540	Business Registration Certificate	00540-1
SECTION 00550	Americans with Disabilities Act	00550-1
SECTION 00560	Responsible Contractor Policy	00560-1
SECTION 00600	Non-Debarment Certification	00600-1
SECTION 00700	Anti-Discrimination Agreement	00700-1

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

DIVISION 01 – GENERAL REQUIREMENTS

SECTION 011000	Summary	
SECTION 012100	<i>Allowances (R)</i>	
SECTION 012500	Substitution Procedures	
SECTION 012600	Contract Modification Procedures	
SECTION 012900	Payment Procedures	
SECTION 013100	Project Management and Coordination	
SECTION 013200	Construction Progress Documentation	
SECTION 013233	Photographic Documentation	
SECTION 013300	Submittal Procedures	
SECTION 013516	Alteration Project Procedures	

SECTION 014000	Quality Requirements
SECTION 014200	References
SECTION 015000	Temporary Facilities and Controls
SECTION 016000	Product Requirements
SECTION 017100	Cleaning and Restoration
SECTION 017113	Mobilization
SECTION 017300	Execution
SECTION 017419	Construction Waste Management & Disposal
SECTION 017700	Closeout Procedures
SECTION 017823	Operation and Maintenance Data
SECTION 017839	Project Record documents
SECTION 018119	Indoor Air Quality

DIVISION 02 – EXISTING CONDITIONS

SECTION 024119	Selective Demolition
----------------	----------------------

DIVISION 03 – CONCRETE

SECTION 033000	Cast- In- Place- Concrete
----------------	---------------------------

DIVISION 04 – MASONRY

SECTION 048100	Unit Masonry Assemblies
----------------	-------------------------

DIVISION 05 – METALS

SECTION 051200	Structural Steel Framing
SECTION 054000	Cold Formed Metal Framing
SECTION 055000	Metal Fabrications

DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES

SECTION 061000	Rough Carpentry
SECTION 064023	Interior Architectural Woodwork
SECTION 064116	Plastic-Laminate-faced Architectural Cabinets

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

SECTION 072100	Thermal Insulation
SECTION 072600	Vapor Retarders
SECTION 074116	<i>Insulated Metal Roof Panels (R)</i>
SECTION 074213.19	Insulated Metal Wall Panels
SECTION 077200	Roof Accessories
SECTION 078413	Penetration Fire stopping
SECTION 078446	Fire Resistive Joint Systems
SECTION 079200	Joint Sealants

DIVISION 08 – OPENINGS

SECTION 080671	Door Hardware Sets
SECTION 081113	Hollow Metal Doors and Frames
SECTION 085113	Aluminum Window
SECTION 087100	Door Hardware

SECTION 224000 Plumbing Fixtures

DIVISION 23 – HEATING, VENTILATION, AND AIR CONDITIONING

SECTION 230500	Common Work Requirements for Mechanical
SECTION 230513	Common Motor Requirements for HVAC Equipment
SECTION 230517	Sleeves and Seals for HVAC Piping
SECTION 230518	Escutcheons for HVAC Piping
SECTION 230519	Meters and Gages for HVAC Piping
SECTION 230523	General Duty Valves for HVAC Piping
SECTION 230529	Hangers and Supports for HVAC Piping and Equipment
SECTION 230548	Vibration and Seismic Controls for HVAC Piping and Equipment
SECTION 230553	Identification for HVAC Piping and Equipment
SECTION 230593	Testing, Adjusting, & Balancing
SECTION 230700	HVAC Insulation
SECTION 230900	Instrumentation and Control for HVAC
SECTION 230923	Direct Digital Control System
SECTION 231123	Facility Natural Gas Piping
SECTION 232113	Hydronic Piping
SECTION 232300	Refrigerant Piping
SECTION 233113	Metal Ducts
SECTION 233300	Air Duct Accessories
SECTION 233423	HVAC Power Ventilators
SECTION 233616	Hot Water Duct Coils
SECTION 233713	Diffusers, Registers and Grilles
SECTION 238129	Variable Refrigerant Flow Systems
SECTION 238219	Fan Coil Units

DIVISION 26 – ELECTRICAL

SECTION 260450	Electrical Demolition & Renovation
SECTION 260500	Common Work Requirements for Electrical
SECTION 260519	Conductors and Cables
SECTION 260526	Grounding and Bonding
SECTION 260529	Hangers and Supports
SECTION 260533	Raceways and Boxes
SECTION 260543	Underground Ducts & Raceways for Electrical Systems
SECTION 260544	Sleeves and Sleeve Seals for Electrical Raceways and Cabling
SECTION 260553	Electrical Identification
SECTION 260923	Lighting Control Devices
SECTION 262416	Panelboards & Switchboards
SECTION 262726	Wiring Devices
SECTION 262813	Fuses
SECTION 262816	Enclosed Switches and Circuit Breakers
SECTION 265100	Led Interior Lighting
SECTION 265600	Led Exterior Lighting

DIVISION 27 – COMMUNICATIONS

SECTION 271500	Communication Horizontal Cabling
----------------	----------------------------------

DIVISION 31 – EARTHWORK

SECTION 311000	Site Clearing
SECTION 312000	Earth Moving
SECTION 321313	Concrete Paving
SECTION 329200	Turf and Grasses

END OF TABLE OF CONTENTS

SECTION 00100 INSTRUCTIONS TO BIDDERS

THESE INSTRUCTIONS ARE IN ADDITION TO THOSE STIPULATED IN THE BURLINGTON COUNTY GENERAL CONDITIONS HEREIN ENCLOSED.

1. LOCATION OF BID OPENING: Sealed bids will be received, publicly opened and read aloud by the Contracting Agent for the Board of County Commissioners of the County of Burlington, New Jersey, on date, time and location of bid opening as stated in the Project Summary– Division 0, Section 00050.
2. OBTAINING DRAWINGS AND SPECIFICATIONS: Drawings and Specifications can be obtained at <https://burlcobids.ionwave.net> . Paper copies or CD's will not be provided by the County. Documents will be provided at no cost to the bidder.
3. ADDRESSING AND DELIVERY OF BID SUBMISSION: All bids shall be submitted online at <https://burlcobids.ionwave.net> the county shall not accept any bids submissions via email, courier, mail, or in person delivery. The County is not responsible for any bid not submitted on time at <https://burlcobids.ionwave.net>. The County is not responsible for any internet submission issues that may include but not be limited to connection issues, technical difficulties, errors, power outages, etc.
4. TYPE OF BID – LUMP SUM: The bidder shall deliver one single overall lump sum bid for all work delineated on the Drawings and described in the Specifications. A summary of which is listed as: Project Summary – Division 0, Section 00050.
5. COMPLETE BID: Bidders must submit all documents marked mandatory on the Bidder's Checklist for the bid to be accepted. Required Documents to be submitted at <https://burlcobids.ionwave.net>. Please see Section 00400 BIDDERS CHECKLIST for a list of required documents.
6. LATE BIDS: No late bid will be accepted or considered. The County will not be responsible for any bid not submitted on time due to internet, website, or any other technical difficulty. This shall include but not be limited to power outages, internet disconnections, computer complications, website errors, etc. It is the bidder's responsibility to ensure that the bid is prepared and submitted in a timely fashion to navigate technical and digital complications.
7. BIDDERS RESPONSIBILITY BY SUBMITTING A BID, BID WITHDRAWAL, and ERRORS ON THE BID FORM: By submitting a bid the prospective bidder covenants and agrees that they fully understands their obligations.

N.J.S.A. 40A:11-23.3:

a. In the case of a bidding process for a public works contract, a bidder may request withdrawal of a bid, due to a mistake on the part of the bidder, within five business days after a bid opening. As used in this section, "mistake" shall have the same meaning as provided in paragraph 42 of section 2 of P.L.1971, c.198

(C.40A:11-2).

b. To request the withdrawal of a public works bid, a bidder shall submit a request for withdrawal in writing by certified or

Addition & Alteration
Department of Public Works
10 Hartford Road
Delran, NJ
April 25, 2025

INSTRUCTION TO BIDDERS

Page 00100-1

***(Addendum No. 1- May 15, 2025) (This is a
Replacement of the Specification Section 00100-
Instruction to Bidders in the Bidding Documents)***

registered mail to the address to which the bid was submitted. The request shall be effective upon mailing. The request shall include evidence, including any pertinent documents, demonstrating that a mistake was made and was of so great a consequence that:

- (1) the enforcement of the contract, if actually made, would be unconscionable;
- (2) the mistake relates to a material feature of the bid;
- (3) the mistake occurred notwithstanding the fact that the bidder exercised reasonable care in preparation of the bid; and
- (4) the bidder making the mistake is able to get relief by way of withdrawing the bid without serious prejudice to the contracting unit, except for the loss of the bargain to the contracting unit.

c. A purchasing agent qualified pursuant to subsection b. of section 9 of P.L.1971, c.198 ([C.40A:11-9](#)), or legal counsel for the contracting unit, or the chief administrative officer of the contracting unit, shall review the request for bid withdrawal. No later than the next meeting of the governing body of the contracting unit following receipt of the withdrawal request, the individual responsible for reviewing the request shall make a recommendation to the governing body of the contracting unit concerning the disposition of the request. The governing body of the contracting unit shall act upon the request to withdraw the bid no later than at its next regular meeting.

d. The purchasing agent, legal counsel, or chief administrative officer responsible for reviewing the request pursuant to subsection b. of this section, shall act in good faith in reviewing the request and in making a recommendation to the governing body concerning the disposition of a request to withdraw a bid.

e. A contracting unit whose governing body grants a request to withdraw a bid shall return the bid guarantee to the bidder. Once the decision to approve the withdrawal is made, the contracting unit shall continue the award process with the remaining bids.

f. If a bidder withdraws a bid, the bidder shall be disqualified from future bidding on the same project, including whenever all bids are rejected pursuant to section 21 of [P.L.1999, c.440 \(C.40A:11-13.2\)](#).

10. **SIGNATURE ON THE BID FORM:** Bids must be electronically signed and submitted per the requirements at <https://burlcobids.ionwave.net>. Scanned copies of the bid specification will not be accepted. The County will not accept any bid submissions through alternative methods including but not limited to email, fax, hand delivery, courier, mail, etc.

Unit Prices, Allowances, Line Item Amounts, Alternates, and Total Bids are to be submitted in the spaces provided under the "Line Items" section of this solicitation at <https://burlcobids.ionwave.net>

Failure to electronically sign, give all information, complete, and submit the bid may result in the rejection of the bid.

11. SITE VISITS PRIOR TO BID SUBMISSION: Prospective bidders are highly recommended to visit the site prior to submitting a bid and become thoroughly familiar with existing conditions. However, by submission of this bid, the Contractor warrants that he is familiar with all site conditions as if he had visited the site for inspection. Site visits are by appointment only. Instructions for scheduling a site visit can be found in Project Summary, Division 0, Section 00050.
12. QUESTIONS DURING THE BID PERIOD: No questions raised at the pre-bid meeting (if applicable) are binding. For binding answers, all questions must be submitted in writing at <https://burlcobids.ionwave.net> by the deadline for questions as listed in the Project Summary, Division 0, Section 00050. Questions submitted to the County or County's Representative via email or fax will not be responded to. A written addendum will be emailed to all prospective bidders currently on record, no later than seven (7) working days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addenda or interpretation shall not relieve any bidder from any obligation under his bid as submitted. All Addenda so issued shall become part of the Contract Documents.
13. ANSWERS DURING THE BID PERIOD: All questions will be answered in writing. Neither the County nor their authorized representative will be responsible in any way for oral answers unconfirmed in writing, to any inquiries regarding the answer, intent or meaning of the drawings or the specifications.
14. BID GUARANTEE: Bids must be accompanied by a bid guarantee in the form of a bid bond, certified check, or cashier's check in the amount of 10% of the bid, not to exceed \$20,000 and shall be made payable to the Burlington County Treasurer. Bidders submit a **copy** of the bid guarantee online as part of the electronic bid submission. Additionally, the bidder must mail or deliver the **original** bid guarantee to the County. The original bid guarantee must be mailed or delivered to the County in a sealed envelope with the bid title and number clearly marked on the outside. The original bid guarantee is due to the County no later than the deadline for receipt of bids. Failure to comply will result in rejection of the bid.

The original bid guarantee can be delivered by hand or courier to:
County of Burlington
Department of Finance and Purchasing
County Office Building
First Floor, Room 104
49 Rancocas Road
Mount Holly, NJ 08060-6000

The original bid guarantee can be mailed to:
County of Burlington
Department of Finance and Purchasing
49 Rancocas Road
Post Office Box 6000
Mount Holly, NJ 08060-6000

15. BID GUARANTEE RETURN:

The county shall award the contract or reject all bids within such time as may be specified in the invitation to bid, but in no case more than 60 days, except that the bids of any bidders who consent thereto may, at the request of the contracting unit, be held for consideration for such longer period as may be agreed. All bid security, except the security of the three apparent lowest responsible bidders, shall be returned, unless otherwise requested by the bidder, within 10 days after the opening of the bids, Sundays and holidays excepted, and the bids of such bidders shall be considered as withdrawn. Within three days, Sundays and holidays excepted, after the awarding and signing of the contract and the approval of the contractor's performance bond, the bid security of the remaining unsuccessful bidders shall be returned to them.

16. CONSENT OF SURETY FOR A PAYMENT & PERFORMANCE BOND MUST ACCOMPANY ALL BIDS: To insure that a Payment and Performance Bond will be provided as required by the Contract Documents, a Certificate from a Surety Company to provide a Payment and Performance Bond (Consent of Surety) is required. This Consent of Surety must be submitted to the Board of County Commissioners of the County of Burlington along with the Contractor's bid submission using the form provided in Section 430 of Division 0 of this Solicitation.

Failure to submit the Consent of Surety on the attached form at the time of the Contractor's bid submission constitutes a material deviation from the specifications and will cause the bid to be rejected.

The Consent of Surety must be drawn to the Board of County Commissioners of the County of Burlington in the amount equal to 100% of the Contractor's bid amount. A Power of Attorney appointing the person signing the form as Attorney-in-Fact must also be attached to the form and submitted with the Contractor's bid submission. The Consent of Surety must be valid for a period of no less than ninety (90) days from the date of bid opening.

The surety company providing the Consent of Surety and Payment and Performance Bond must be authorized pursuant to the New Jersey Statutes to carry on business in the State of New Jersey and subject to the requirements outlined in the General and Supplemental Conditions of the Contract.

17. AWARD: The County will award the contract to the lowest responsible bidder. The County shall have the exclusive right to accept one or more of the alternates identified in the Contract Documents in the order listed per N.J.S.A. 40A:11-23.1(d). If the County exercises this right, the acceptance of such alternate or alternates will be awarded in numerically ranked order listed on the bid form and shall be used in calculating the overall contract sum, and in determining which bidder has the lowest aggregate bid

The successful bidder to whom the award is to be made, will be notified in writing upon formal acceptance of the bid by the Board of County Commissioners.

Until the Division of Purchase receives an approved performance bond, no bid will be accepted and no Contract will be awarded. After receipt of a approved performance bond and other submissions required by the bid specifications in Section 400 of Division 0, the bid will be accepted and a signed Contract and purchase order will be forwarded to the successful bidder. The County will then notify the Architect to issue the "Notice to Proceed".

18. **REJECTION OF ALL BIDS:** Pursuant to N.J.S.A. 40A:11-13.2, the County of Burlington may reject all bids for any of the following reasons:
- a. The lowest bid substantially exceeds the cost estimate for the project;
 - b. The lowest bid substantially exceeds the County's appropriation for the project;
 - c. The Board of County Commissioners decides to abandon the project;
 - d. The County wants to substantially revise the specifications for the project;
 - e. The purposes of provisions or both of the New Jersey Local Public Contracts Law (N.J.S.A. 40A:11-1 et seq.) are being violated;
 - f. The Board of County Commissioners decides to use the State authorized contract pursuant to N.J.S.A. 40A:11-12.

If all bids are rejected, bid guarantees will be returned with three (3) days of the date of determination to reject.

19. **COMMENCEMENT OF THE WORK:** The County of Burlington does not authorize the expenditure of any monies by the successful bidder, including that undertaken through the ordering of goods or materials, prior to the receipt by the successful bidder of (1) a Contract signed by the County, (2) a purchase order issued by the County of Burlington, Division of Purchase, and (3) a Notice to Proceed from the Architect.

Any such expenditure of monies by the successful bidder prior to the receipt of all three items will be at the bidders own risk.

20. **FAILURE TO EXECUTE THE CONTRACT:** If the successful bidder fails to enter into such contract or fails to meet the performance bond and insurance requirements within ten (10) days after the award or neglects to perform after acceptance of bid by the County then the check or security deposited by them shall, at the option of the Board of County Commissioners, be retained by such Board as liquidated damages, or if a bid bond has been supplied, principal and surety shall be liable for the amount of the bid.
21. **LAW AGAINST DISCRIMINATION:** As per N.J.S.A. 40A:11-13, the successful bidder shall be prohibited from discrimination in the hiring of persons who are qualified and available to perform work to which the contract relates by reasons of race, religion, sex, national origin, creed, color, ancestry, age, marital status, affectional or sexual orientation, familial status, liability for service in the Armed Forces of the United States, or nationality in accordance with State of New Jersey Law.

Bidders shall be required to complete an Anti-Discrimination Agreement under the Attributes tab within the solicitation located at <https://burlcobids.ionwave.net>. The successful bidder shall comply with the anti-discrimination provisions during the term of the contract pursuant to N.J.S.A.10:2-1.

22. AFFIRMATIVE ACTION: All bidders are required to comply with the requirements of N.J.A.C. 17:27 et seq., as supplemented and amended.
23. PREVAILING WAGE RATES: When applicable, the Contractor shall pay the latest prevailing wage rates, for projects in excess of \$2,000.00 as determined by the Commissioner of Labor and Workforce Development of the State of New Jersey, for the locality in which the work is to be performed pursuant to N.J.S.A. 34:11-56 et seq.. A schedule of such is available from the Public Contracts Section, Office of Wage and Hour Compliance, CN 389, Trenton, NJ 08625-0389, telephone number (609) 292-2259. The Contractor shall comply with all applicable statutes and regulations regarding the payment of wages and specifically Title 34, Chapter 11, of the Revised Statutes of New Jersey. In the event it is found that a worker employed by the Contractor under this contract has been paid a rate of wages less than the prevailing rate required, the County may terminate the Contractor's right to proceed with the work, or such part of the work, as to which there has been a failure to pay required wages and to prosecute the work to completion. The Contractor and his sureties shall be liable to the County for any excess costs occasioned thereby. Contractor is responsible for using the schedule most current at the time of the signing of the Contract. It is the intention of the parties that the contractor comply with all applicable statutes and regulations regarding the payment of wages including but not limited to the following:
- a. The public works employer (any natural person, company, firm, subcontractor or other entity engaged in public work) must submit to the Board of County Commissioners (Board) a certified payroll record (on a form satisfactory to the Commissioner of Labor and Workforce Development, copy attached) for each payroll period within 10 days of the payment of wages. [N.J.A.C. 12 : 60et seq.] to the following address:

Burlington County Treasurer's Office
49 Rancocas Road
P.O. Box 6000
Mt. Holly, NJ 08060-6000
Attention: Auditing
 - b. No award of the contract will be made to a bidder on the debarred list of the Commissioner of Labor. N.J.S.A. 34:11-56.38.
24. DISQUALIFICATION OF BIDDERS: Pursuant to N.J.S.A. 40A:11-4, the County may disqualify a bidder who would otherwise be determined to be the lowest responsible bidder, if the governing body finds that it has had prior negative experience with the bidder. Bids for this Contract will only be considered from bidders not listed on any debarred list published by the State of New Jersey or any federal government agency
25. LICENSES: All trades requiring licenses shall provide them and maintain them during the duration of the project.
26. IDENTIFICATION: All employees of successful Contractor shall have proper photo identification in their possession when performing duties relating to this Contract within or upon County property.

27. AMERICAN MADE GOODS: Wherever available, only products or items manufactured in the United States of America shall be furnished per this solicitation in accordance with the Local Public Contract Law at N.J.S.A. 40A: 11-18.
28. BRAND NAMES: Any specific references to name brands, manufacturers or products are made to establish the level of quality required and should be interpreted to read "or equivalent". The Architect shall be the sole determiner of the equivalency of such a non-listed product or manufacturer with those enumerated in the specifications.
29. RELEASE OF LIENS: The Contractor shall at time of final payment, submit signed copies of the "Release of Liens" as directed in the specifications and herein attached.
30. COUNTY/VENDOR RELATIONSHIP: The entering into of a Agreement between Contractor and the Board does not create an employer-employee relationship. Contractor shall at all times be treated as an independent contractor. Neither Contractor nor its employees, agents, subcontractors, subcontractor-employees, assignees, invitees or designees shall be considered employees of the Board, and shall not have any legal rights of a County employee.
31. Uniformed Law Enforcement Officers: Per N.J.S.A 40A:11-23.1 Uniformed Law Enforcement Officers are NOT required for this project.
32. All business entities are advised of their responsibility to file an annual disclosure statement of political contributions with the New Jersey Election Law Enforcement Commission (ELEC) pursuant to N.J.S.A. 19:44A-20.27 if they receive contracts in excess of \$50,000 from public entities in a calendar year. Business entities are responsible for determining if filing is necessary. Additional information on this requirement is available from ELEC at 888-313-3532.
33. Pursuant to N.J.A.C. 17:44-2.2, relevant records of private vendors or other persons entering into contracts with covered entities such as Burlington County are subject to audit or review by the New Jersey Office of the State Comptroller pursuant to N.J.S.A. 52:15C-14(d).

In addition, pursuant to N.J.A.C. 17:44-2.2(b), the contract vendor on this project shall maintain all documentation related to products, transaction or services under this contract for a period of five years from the date of final payment. Such record shall be made available to the New Jersey Office of the State Comptroller upon request.
34. Pursuant to N.J.S.A. 54:49-4.2, a business organization that fails to provide a copy of a business registration as required pursuant to N.J.S.A. 52:32-44, or subsection (e) or (f) of N.J.S.A. 5:12-92, or that provides false information of business registration under the requirements of either of those sections, shall be liable for a penalty of \$25 for each day of violation, not to exceed \$50,000.00 for each business registration copy not provided under a contract with a contracting agency or under a casino service industry enterprise contract.
35. Pursuant to N.J.S.A. 10:2-1,

- a. In the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates;
- b. No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex;
- c. There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of \$50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract; and
- d. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this section of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this section of the contract.

36. Pursuant to N.J.S.A. 19:44A-20.27:

- a. Any business entity making a contribution of money or any other thing of value, including an in-kind contribution, or pledge to make a contribution of any kind to a candidate for or the holder of any public office having ultimate responsibility for the awarding of public contracts, or to a political committee or continuing political committee, which has received in any calendar year \$50,000 or more in the aggregate through agreements or contracts with a public entity, shall file an annual disclosure statement with the New Jersey Election Law Enforcement Commission, established pursuant to section 5 of P.L.1973, c.83 (C.19:44A-5), setting forth all such contributions made by the business entity during the 12 months prior to the reporting deadline.
- b. The commission shall prescribe forms and procedures for the reporting required in subsection a. of this section which shall include, but not be limited to:
 - (1) the name and mailing address of the business entity making the contribution, and the amount contributed during the 12 months prior to the reporting deadline;
 - (2) the name of the candidate for or the holder of any public office having ultimate responsibility for the awarding of public contracts, candidate committee, joint candidates committee, political committee or continuing political committee receiving the contribution; and

(3) the amount of money the business entity received from the public entity through contract or agreement, the dates, and information identifying each contract or agreement and describing the goods, services or equipment provided or property sold.

c. The commission shall maintain a list of such reports for public inspection both at its office and through its Internet site.

d. When a business entity is a natural person, a contribution by that person's spouse or child, residing therewith, shall be deemed to be a contribution by the business entity. When a business entity is other than a natural person, a contribution by any person or other business entity having an interest therein shall be deemed to be a contribution by the business entity. When a business entity is other than a natural person, a contribution by: all principals, partners, officers, or directors of the business entity, or their spouses; any subsidiaries directly or indirectly controlled by the business entity; or any political organization organized under section 527 of the Internal Revenue Code that is directly or indirectly controlled by the business entity, other than a candidate committee, election fund, or political party committee, shall be deemed to be a contribution by the business entity.

As used in this section:

"business entity" means a for-profit entity that is a natural or legal person, business corporation, professional services corporation, limited liability company, partnership, limited partnership, business trust, association or any other legal commercial entity organized under the laws of this State or of any other state or foreign jurisdiction; and

"interest" means the ownership or control of more than 10% of the profits or assets of a business entity or 10% of the stock in the case of a business entity that is a corporation for profit, as appropriate.

e. Any business entity that fails to comply with the provisions of this section shall be subject to a fine imposed by the New Jersey Election Law Enforcement Commission in an amount to be determined by the commission which may be based upon the amount that the business entity failed to report.

37. Pursuant to (N.J.S.A. 40A:11-2.4(h)), This contract is subject to the availability and appropriation of funds.

*****END OF SECTION 00100 - INSTRUCTIONS TO BIDDERS*****

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Types of allowances include the following:
 - 1. General Contingency Allowances.
- C. Related Requirements:
 - 1. Division 01 Section "Quality Requirements" for procedures governing the use of allowances for field testing by an independent testing agency.
- D. The work included in any accepted allowance is to be completed within the original activity milestone dates stated in these documents, as accepted at time of award. No additional time will be awarded to the Contractor as the result of an allowance being utilized.

1.3 DEFINITIONS

- A. Allowance is a quantity of work or dollar amount established in lieu of additional requirements, used to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.
- B. It is to be clearly understood that the Allowances are to be used for work beyond the Contractor's base scope of work and at the sole option of the Owner. It is the Contractor's responsibility to perform all work required to comply with the requirements of the Contract Documents and to deliver a complete project without the use of any allowances.

1.4 ACTION SUBMITTALS

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

1.5 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.

- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.6 CONTINGENCY ALLOWANCES

- A. Use these contingency allowances only as directed by Owner, and only by Change Orders that indicate amounts to be charged to an allowance.
- B. Contractor's overhead, profit, and related costs for products and equipment ordered by Owner 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. Change Orders authorizing use of funds from the contingency allowance will include Contractor's related costs and reasonable overhead and profit.
- D. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

1.7 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 markups.
 - 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.

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

- A. Allowance No. 1: General Contingency Allowance of \$150,000.00.
- B. Allowance No. 2: Electrical Allowance of \$45,000.00.***
- C. Allowance No. 3: Mechanical Allowance of \$45,000.00.***
- D. Allowance No. 4: Plumbing Allowance of \$15,000.00.

END OF SECTION 012100

SECTION 074116 - INSULATED METAL ROOF PANELS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Insulated Metal Roof Panels.
2. Miscellaneous Metal Subframing and Furring.
3. Panel Accessories.
4. Gutters and Downspouts.

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1. Meet with Owner, Architect, Owner's insurer if applicable, insulated metal roof panel Installer, insulated metal roof panel manufacturer's representative, structural-support Installer, and installers whose work interfaces with or affects insulated metal roof panels, including installers of roof accessories and roof-mounted equipment.
2. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
3. Review methods and procedures related to insulated metal roof panel installation, including manufacturer's written installation instructions.
4. Examine support conditions for compliance with requirements, including alignment between and attachment to structural members.
5. Review structural loading limitations of purlins and rafters during and after roofing.
6. Review flashings, special details, drainage, penetrations, equipment curbs, and condition of other construction that affect insulated metal roof panels.
7. Review governing regulations and requirements for insurance, certificates, and tests and inspections if applicable.
8. Review temporary protection requirements for insulated metal roof panel systems during and after installation.
9. Review procedures for repair of insulated metal roof panels damaged after installation.
10. Document proceedings, including corrective measures and actions required, and furnish copy of record to each participant.

1.3 ACTION SUBMITTALS

A. Product Data:

1. For insulated metal roof panels.
 - a. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of panel and accessory.

B. Shop Drawings:

1. Include fabrication and installation layouts of insulated metal roof panels; details of edge conditions, joints, panel profiles, corners, anchorages, attachment system, trim, flashings, closures, and accessories; and special details.
2. Accessories: Include details of the flashing, trim, and anchorage systems, at a scale of not less than 1-1/2 inches per 12 inches.

C. Samples for Initial Selection: Manufacturer's standard color charts, showing full range of available colors for each type of exposed finish.

1. Include similar Samples of trim and accessories involving color selection.

D. Samples for Verification: Actual sample of finished products for each type of exposed finish for insulated metal roof panels, clips, fasteners, closures, and other insulated metal roof panel accessories.

1. Size: Manufacturers' standard size.

1.4 INFORMATIONAL SUBMITTALS

A. Test and Evaluation Reports:

1. Product Test Reports: For insulated metal roof panels, for tests performed by a qualified testing agency.

B. Field Quality-Control Submittals:

1. Field quality-control reports.

C. Qualification Statements: For roof installers.

D. Sample warranties.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For insulated metal roof panels.

1.6 QUALITY ASSURANCE

A. Qualifications:

1. Roof Installers: Entity that employs a supervisor who is an NRCA ProCertified Roofing Foreman and not less than 20% of installers who are NRCA ProCertified Metal Panel Roof Systems Installers.

1.7 MOCKUPS

A. ***Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation.***

1. ***Build mockup of typical roof area and eave, including the fascia as shown on Drawings; approximately 48 inches, 48" inches square by full thickness, including attachments, underlayment, and accessories.***
2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Owner specifically approves such deviations by Change Order.
3. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Deliver components, insulated metal roof panels, and other manufactured items so as not to be damaged or deformed. Package insulated metal roof panels for protection during transportation and handling.
- B. Unload, store, and erect insulated metal roof panels in a manner to prevent bending, warping, twisting, and surface damage.
- C. Stack insulated metal roof panels horizontally on platforms or pallets, covered with suitable weathertight and ventilated covering. Store insulated metal roof panels to ensure dryness, with positive slope for drainage of water. Do not store insulated metal roof panels in contact with other materials that might cause staining, denting, or other surface damage.
- D. Retain strippable protective covering on insulated metal roof panels during installation.

1.9 FIELD CONDITIONS

- A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit assembly of insulated metal roof panels to be performed in accordance with manufacturers' written installation instructions and warranty requirements.

1.10 COORDINATION

- A. Coordinate sizes and locations of roof curbs, equipment supports, and roof penetrations with actual equipment provided.
- B. Coordinate insulated metal roof panel installation with rain drainage work, flashing, trim, construction of soffits, and other adjoining work to provide a leakproof, secure, and noncorrosive installation.

1.11 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of insulated metal roof panel systems that fail in materials or workmanship within specified warranty period.
 1. Failures include, but are not limited to, the following:

- a. Structural failures, including rupturing, cracking, or puncturing.
 - b. Deterioration of metals and other materials beyond normal weathering.
- 2. Warranty Period: Two years from date of Substantial Completion.
- B. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace insulated metal roof panels that show evidence of deterioration of factory-applied finishes within specified warranty period.
 - 1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:
 - a. Color fading more than 5 Hunter units when tested in accordance with ASTM D2244.
 - b. Chalking in excess of a No. 8 rating when tested in accordance with ASTM D4214.
 - c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.
 - 2. Finish Warranty Period: 20 years from date of Substantial Completion.
- C. ***Special Weathertightness Warranty: Manufacturer agrees to repair or replace insulated metal roof panel assemblies that fail to remain weathertight, including leaks, within specified warranty period.***
 - 1. ***Warranty Period: 20 years from date of Substantial Completion.***
 - 2. ***The Contractor shall provide all fees required for the manufacturer's initial and second review.***
 - 3. ***The Contractor shall provide all fees required for the manufacturer's roof inspections and all other fees associated with obtaining this Special 20-year Weathertightness Warranty.***

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis of Design Manufacturers and Products: The Basis-of-Design Manufacturer of insulated roof panels shall be "Versapanel Insulated Metal Roof Panel", manufactured by Centria, a Nucor Company. ***Subject to compliance with requirements, provide product by the Basis-of-Design Manufacturer, or provide product by the following other approved manufacturers:***
 - 1. ***Metl-Span, a Nucor Company.***
 - 2. ***Kingspan Group.***
- B. The structural metal roof panels consist of an exterior standing seam with an interior tongue and groove joint, coupled with a vapor seal in the standing seam. Attach with concealed fasteners to the structure.

2.2 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Provide insulated metal roof panel systems capable of withstanding the effects of the following loads, based on testing in accordance with ASTM E72, and FM 4471, Class 1 roof panels:
 - 1. Wind Loads: As indicated on Drawings.
 - 2. Other Design Loads including roof live loads: As indicated on Drawings, or as required by the latest Building code.
 - 3. Deflection Limits: For wind loads, no greater than 1/240 of the span.

- B. Air Infiltration: Air leakage of not more than 0.02 cfm/sq. ft. when tested in accordance with ASTM E1680 or ASTM E283 at the following test-pressure difference:
 - 1. Test-Pressure Difference: 6.24 lbf/sq. ft.
- C. Water Penetration under Static Pressure: No water penetration when tested in accordance with ASTM E1646 or ASTM E331 at the following test-pressure difference:
 - 1. Test-Pressure Difference: 6.24 lbf/sq. ft.
- D. Watertightness: No water penetration when tested in accordance with ASTM E2140 for hydrostatic-head resistance.
- E. Wind-Uplift Resistance: Provide metal roof panel assemblies that comply with UL 580 for wind-uplift-resistance class indicated.
 - 1. Uplift Rating: UL 90.
- F. ***FM Approvals Listing: Provide insulated metal roof panels and component materials that comply with requirements in FM Approvals 4471 as part of a panel roofing system and that are listed in FM's "Approval Guide" for Class 1 or noncombustible construction, as applicable. Identify materials with FM Global markings.***
 - 1. ***Fire/Windstorm Classification: Class 1A-60.***
 - 2. ***Hail Resistance: MH.***
- G. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes.
 - 1. Temperature Change (Range): 120 deg F, ambient; 180 deg F, material surfaces.
- H. Energy Performance:
 - 1. Provide roof panels according to one of the following when tested in accordance with CRRC-1:
 - a. Three-year, aged solar reflectance of not less than 0.55 and emissivity of not less than 0.75.
 - b. Three-year, aged Solar Reflectance Index of not less than 64 when calculated in accordance with ASTM E1980.

2.3 INSULATED METAL ROOF PANELS, GENERAL

- A. Provide factory-formed metal roof panels fabricated from two sheets of metal with polyisocyanurate insulation core foamed in place during fabrication with joints between panels designed to form weathertight seals. Include accessories required for weathertight installation.
 - 1. Panel Performance:
 - a. Flatwise Tensile Strength: 30 psi, when tested in accordance with ASTM C297, unless indicated elsewhere.
 - b. Humid Aging: Volume increase not greater than 6.0 percent and no delamination or metal corrosion when tested for seven days at 140 deg F and 100 percent relative humidity in accordance with ASTM D2126.
 - c. Heat Aging: Volume increase not greater than 2.0 percent and no delamination, surface

- blistering, or permanent bowing when tested for seven days at 200 deg F in accordance with ASTM D2126.
 - d. Cold Aging: Volume decrease not more than 1.0 percent and no delamination, surface blistering, or permanent bowing when tested for seven days at minus 20 deg F in accordance with ASTM D2126.
 - e. Fatigue: No evidence of delamination, core cracking, or permanent bowing when tested to a 20 lbf/sq. ft. positive and negative wind load and with deflection of L/180 for 2 million cycles.
 - f. Autoclave: No delamination when exposed to 2 psi pressure at a temperature of 212 deg F for 2-1/2 hours.
 - g. Fire-Test-Response Characteristics: Class A in accordance with ASTM E108.
- 2. Insulation Core Foam: Foam using a non-CFC blowing agent, with maximum flame-spread and smoke-developed indexes of 25 and 450, respectively.
 - a. Closed-Cell Content: 90 percent when tested in accordance with ASTM D6226.
 - b. Density: 2.0 to 2.6 lb/cu. ft. when tested in accordance with ASTM D1622.
 - c. Compressive Strength: Minimum 20 psi when tested in accordance with ASTM D1621.
 - d. Shear Strength: 26 psi when tested in accordance with ASTM C273/273M.
 - e. Panel Thickness: 4", or as required to comply with the COMCheck Roof Panel minimum R-Value requirements.
- B. Solar Reflectance Index (SRI): Three-year-aged SRI not less than 64 when calculated according to ASTM E 1980, based on testing identical products by a qualified testing agency.

2.4 PANEL FACING MATERIALS

- A. Metallic-Coated Steel Sheet: Facings of zinc-coated (galvanized) steel sheet complying with ASTM A653/A653M, G90 (Z275) coating designation, or aluminum-zinc alloy-coated steel sheet complying with ASTM A792/A792M, Class AZ50 (Class AZM150) coating designation; structural quality. Prepainted by the coil-coating process to comply with ASTM A755/A755M.
 - 1. Exterior Face Sheet: Minimum 22 gauge.
 - 2. Interior Face Sheet: Minimum 24 gauge.
 - 3. Panel Surface: ribbed.

2.5 MISCELLANEOUS MATERIALS

- A. Miscellaneous Metal Subframing and Furring: ASTM C645, cold-formed, metallic-coated steel sheet, minimum ASTM A653/A653M, G90 coating designation or ASTM A792/A792M, Class AZ50 coating designation. Provide manufacturer's standard sections as required for support and alignment of insulated metal roof panel system.
 - 1. *Provide 8" high, Z-purlin/Girts in minimum 16 gauge and spaced at 24" o.c. maximum. Contractor/roof truss manufacturer shall provide a delegated design, signed and sealed by a NJ Licensed Professional Engineer. The delegated design and associated calculations shall be submitted and reviewed by the Structural Engineer of record prior to construction.***
- B. Panel Accessories: Provide components required for a complete, weathertight panel system, including trim, copings, fasciae, mullions, sills, corner units, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of insulated metal roof panels unless otherwise indicated.

1. Closures: Provide closures at eaves and ridges, fabricated of same metal as insulated metal roof panels.
 2. Backing Plates: Provide metal backing plates at panel end splices, fabricated from material recommended by manufacturer.
 3. Closure Strips: Closed-cell, expanded, cellular, rubber or crosslinked, polyolefin-foam or closed-cell laminated polyethylene; minimum 1-inch- thick, flexible closure strips; cut or premolded to match insulated metal roof panel profile. Provide closure strips where indicated or necessary to ensure weathertight construction.
- C. Flashing and Trim: Provide flashing and trim formed from same material as exterior facings of insulated metal roof panels as required to seal against weather and to provide finished appearance. Locations include, but are not limited to, eaves, rakes, corners, bases, framed openings, ridges, fasciae, and fillers. Finish flashing and trim with same finish system as adjacent insulated metal roof panels.
- D. Gutters: Formed from same material, finish, and color as exterior facings of panels, complete with end pieces, outlet tubes, and other special pieces as required. Fabricate in minimum 96-inch- long sections, of size and metal thickness in accordance with manufacturer's recommendations. Furnish gutter supports spaced a maximum of 36 inches o.c., fabricated from same metal as gutters. Provide wire ball strainers of compatible metal at outlets. Finish gutters to match metal roof fascia and rake trim.
- E. Downspouts: Formed from same material, finish, and color as exterior facings of roof panels. Fabricate in 10 ft.- long sections, complete with formed elbows and offsets, of size and metal thickness in accordance with manufacturer's recommendations. Finish downspouts to match gutters.
- F. Roof Curbs: Refer to Roof Accessories - Specification Section 077200.
- G. Panel Fasteners: Self-tapping screws designed to withstand design loads. Provide EPDM or PVC sealing washers for exposed fasteners.
1. Galvanized-Steel Fasteners: Provide exposed fasteners with heads matching color of insulated metal roof panels by means of plastic caps or factory-applied coating.
- H. Panel Sealants: Provide sealant types recommended by manufacturer that are compatible with panel materials, are nonstaining, and do not damage panel finish.
1. Sealant Tape: Pressure-sensitive, 100 percent solids, gray polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape 1/2 inch wide and 1/8 inch thick.
 2. Joint Sealant: ASTM C920; elastomeric polyurethane or silicone sealant; of type, grade, class, and use classifications required to seal joints in insulated metal roof panels and remain weathertight; and as recommended in writing by insulated metal roof panel manufacturer.
 3. Butyl-Rubber-Based, Solvent-Release Sealant: ASTM C1311.

2.6 FABRICATION

- A. Fabricate and finish insulated metal roof panels and accessories at the factory, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.
- B. Provide panel profile, including major ribs and intermediate stiffening ribs, if any, for full length of panel.
- C. Fabricate insulated metal roof panel joints with factory-installed captive gaskets or separator strips that

provide a weathertight seal and prevent metal-to-metal contact, and that minimize noise from movements.

- D. Sheet Metal Flashing and Trim: Fabricate flashing and trim to comply with manufacturer's recommendations.
1. Form exposed sheet metal accessories that are without excessive oil canning, buckling, and tool marks and that are true to line and levels indicated, with exposed edges folded back to form hems.
 2. Seams: Fabricate nonmoving seams in accessories with flat-lock seams. Tin edges to be seamed, form seams, and solder.
 3. Sealed Joints: Form nonexpansion, but movable, joints in metal to accommodate sealant and to comply with manufacturer's recommendations.
 4. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces of accessories exposed to view.
 5. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal recommended in writing by insulated metal roof panel manufacturer.
 - a. Size: As recommended by insulated metal roof panel manufacturer for application but not less than thickness of metal being secured.

2.7 FINISHES

- A. Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in same piece are unacceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- C. Exterior Facings and Accessories:
1. Three-Coat Fluoropolymer: Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in both color coat and clear topcoat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions. The color shall be selected by the Owner from the manufacture's standard and custom colors at no additional cost to the Owner.
- D. Interior Facings:
1. Siliconized Polyester: Epoxy primer and silicone-modified, polyester-enamel topcoat; with a dry film thickness of not less than 0.2 mil for primer and 0.8 mil for topcoat. The color shall be selected by the Owner from the manufacture's standard and custom colors at no additional cost to the Owner.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for

installation tolerances, insulated metal roof panel supports, and other conditions affecting performance of the Work.

1. Examine primary and secondary roof framing to verify that rafters, purlins, angles, channels, and other structural panel support members and anchorages have been installed within alignment tolerances required by metal roof panel manufacturer.
- B. Examine roughing-in for components and systems penetrating insulated metal roof panels to verify actual locations of penetrations relative to seam locations of insulated metal roof panels before installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Miscellaneous Supports: Install subframing, furring, and other miscellaneous panel support members and anchorages in accordance with ASTM C754 and insulated metal roof panel manufacturer's written recommendations.

3.3 INSTALLATION OF INSULATED METAL ROOF PANELS

- A. General: Install insulated metal roof panels in accordance with manufacturer's written instructions and approved Shop Drawings in orientation, sizes, and locations indicated on Drawings. Anchor insulated metal roof panels and other components of the Work securely in place, with provisions for thermal and structural movement.
 1. Apply continuous ribbon of sealant to panel joint on concealed side of insulated metal roof panels as vapor seal; apply sealant to panel joint on exposed side of panels for weather seal.
 2. Shim or otherwise plumb substrates receiving insulated metal roof panels.
 3. Flash and seal insulated metal roof panels at perimeter of all openings. Fasten with self-tapping screws. Do not begin installation until air- or water-resistive barriers and flashings that will be concealed by insulated metal roof panels are installed.
 4. Install screw fasteners in predrilled holes.
 5. Locate and space fastenings in uniform vertical and horizontal alignment.
 6. Install flashing and trim as insulated metal roof panel work proceeds.
 7. Locate panel splices over, but not attached to, structural supports. Stagger panel splices and end laps to avoid a four-panel lap splice condition.
 8. Align bottoms of insulated metal roof panels and fasten with blind rivets, bolts, or self-tapping screws. Fasten flashings and trim around openings and similar elements with self-tapping screws.
 9. Provide weathertight escutcheons for pipe- and conduit-penetrating panels.
 10. Install Standing Seamed, Concealed-Fastener Insulated Metal Panel System: in accordance with manufacturer's written instructions, approved shop drawings, and project drawings. Install metal panels in orientation, sizes, and locations indicated. Anchor panels and other components securely in place. Provide for thermal and structural movement.
- B. Attach panels to metal framing using clips, fasteners, and sealants recommended for application by metal panel manufacturer.
 1. Fasten metal panels to supports with fasteners at each location indicated on approved shop drawings, at spacing and with fasteners recommended by manufacturer.
 2. Cut panels in field where required using manufacturer's recommended methods.
 3. Provide weatherproof jacks for pipe and conduit penetrating metal panels.

4. Dissimilar Materials: Where elements of metal panel system will come into contact with dissimilar materials, treat faces and edges in contact with dissimilar materials as recommended by metal panel manufacturer.
- C. Attach panel flashing trim pieces to supports using recommended fasteners and joint sealers.
- D. Joint Sealers: Install tape sealers and liquid sealants where indicated and where required for weatherproof performance of metal panel assemblies.
 1. Seal panel side and perimeter joints using joint sealers indicated in manufacturer's instructions.
- E. Fasteners: Use stainless steel fasteners.
- F. Anchor Clips: Anchor insulated metal roof panels and other components of the Work securely in place, using manufacturer's approved fasteners according to manufacturers' written instructions.
- G. Metal Protection: Where dissimilar metals contact each other or corrosive substrates, protect against galvanic action as recommended in writing by insulated metal roof panel manufacturer.
- H. Standing-Seam, Foamed-Insulation-Core Metal Roof Panels: Fasten insulated metal roof panels to supports with Concealed Clips at each standing-seam joint at location, spacing, and with fasteners recommended in writing by manufacturer.
 1. Install clips to supports with self-tapping fasteners.
 2. Seamed Joint: Crimp standing seams with manufacturer-approved, motorized seamer tool so cleat, insulated metal roof panel, and factory-applied side-lap sealant are completely engaged.
- I. Watertight Installation:
 1. Apply a continuous ribbon of sealant or tape to seal joints of insulated metal roof panels, using sealant or tape as recommend by manufacturer as needed to make panels watertight.
 2. Provide sealant or tape between panels and protruding equipment, vents, and accessories.
- J. Accessory Installation: Install accessories with positive anchorage to building and weathertight mounting, and provide for thermal expansion. Coordinate installation with flashings and other components.
 1. Install components required for a complete insulated metal roof panel system including trim, copings, corners, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items. Provide types indicated by insulated metal panel manufacturers; or, if not indicated, provide types recommended in writing by metal roof panel manufacturer.
- K. Flashing and Trim: Comply with performance requirements and manufacturer's written installation instructions. Provide concealed fasteners where possible and set units true to line and level. Install work with laps, joints, and seams that are permanently watertight and weather resistant.
 1. Install exposed flashing and trim that is without buckling and tool marks, and that is true to line and levels indicated, with exposed edges folded back to form hems. Install sheet metal flashing and trim to fit substrates and achieve waterproof performance.
 2. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 ft. with no joints allowed within 24 inches of corner or intersection. Where lapped expansion provisions cannot be used or would not be sufficiently waterproof, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with mastic sealant (concealed within joints).

- L. Gutters: Join sections with riveted and soldered or lapped and sealed joints. Attach gutters to eave with gutter hangers spaced not more than 36 inches o.c. using manufacturer's standard fasteners. Provide end closures and seal watertight with sealant. Provide for thermal expansion.
- M. Downspouts: Join sections with telescoping joints. Provide fasteners designed to hold downspouts securely 1 inch away from walls; locate fasteners at top and bottom and at approximately 60 inches o.c. in between.
 - 1. Provide elbows at base of downspouts to direct water away from building.
 - 2. Connect downspouts to underground drainage system indicated.
- N. Roof Curbs: Install flashing around bases where they meet metal roof panels.
- O. Pipe and Conduit Penetrations: Fasten and seal to metal roof panels as recommended by manufacturer.

3.4 ERECTION TOLERANCES

- A. Installation Tolerances: Shim and align insulated metal roof panel units within installed tolerance of 1/4 inch in 20 ft. on slope and location lines as indicated and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.

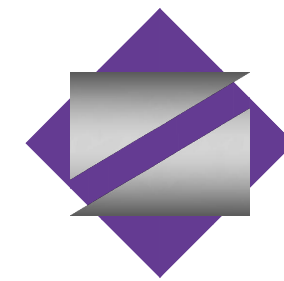
3.5 FIELD QUALITY CONTROL

- A. Manufacturer's Field Service: Engage a factory-authorized service representative to test and inspect completed insulated metal roof panel installation, including accessories. Report results in writing.
- B. Remove and replace applications where tests and inspections indicate that they do not comply with specified requirements.
- C. Additional tests and inspections, at Contractor's expense, are performed to determine compliance of replaced or additional work with specified requirements.
- D. Prepare test and inspection reports.

3.6 CLEANING AND PROTECTION

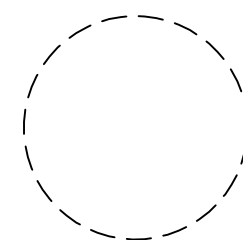
- A. Remove temporary protective coverings and strippable films, if any, as insulated metal roof panels are installed, unless otherwise indicated in manufacturer's written installation instructions. On completion of insulated metal roof panel installation, clean finished surfaces as recommended by insulated metal roof panel manufacturer. Maintain in a clean condition during construction.
- B. Replace insulated metal roof panels that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 074116



NETTAARCHITECTS
NEW JERSEY | FLORIDA | NEW YORK
1084 Route 22 West, Mountlake, NJ 07062 | Phone: (973) 379-0008 | www.nettaarchitects.com

CERTIFICATE OF AUTHORIZATION AC-438



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

ROBERT E. McNAMARA, AIA
NJ License No. AI 997600

JOHN BURGENDORFER, RA, NCARB
NJ License No. AI 12599

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

CONSTRUCTION PLAN

PROJECT TITLE:

RENOVATION FOR
MAINTENANCE BUILDING
BURLINGTON COUNTY
10 HARTFORD ROAD, DELRAN TWP.
BURLINGTON CO. NJ

SUBMISSION:

XXX

DATE	REVISIONS	BY	CHKD

Date 04.09.24

Scale

Drawn by C.P.

Checked by J.D.H.

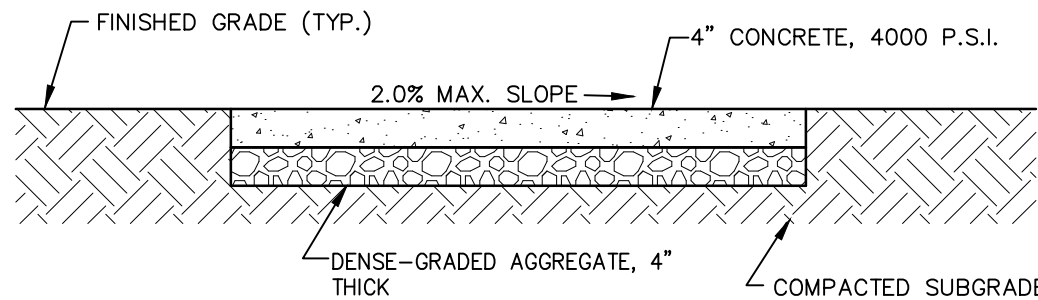
Job No. 2241869

Drawing No.

C-1

DEMOLITION LEGEND

DEMOLITION AREA

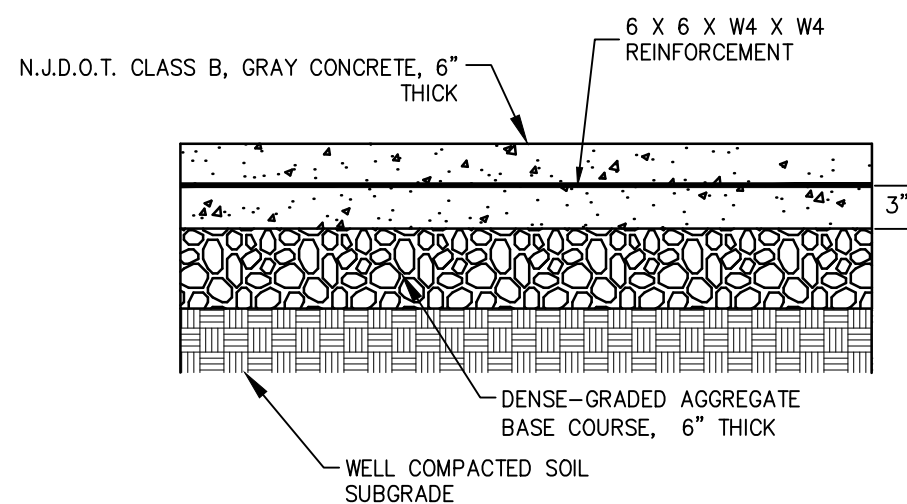


NOTES:

1. EXPANSION JOINTS AT 20' INTERVALS. CONSTRUCTION JOINTS AT 4' INTERVALS.

TYPICAL CONCRETE SIDEWALK SECTION

N.T.S.



REINFORCED CONCRETE PAD

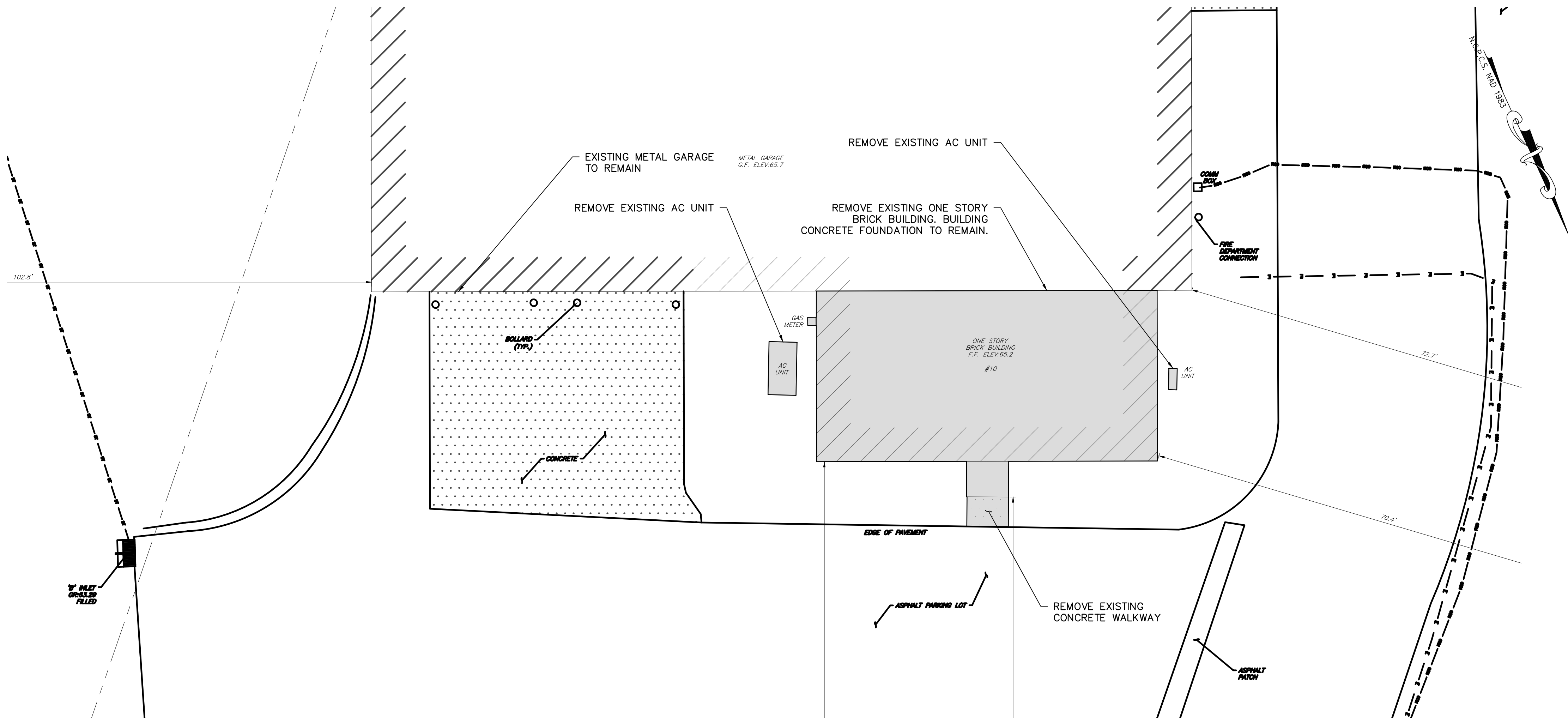
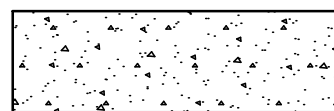
N.T.S.

SITE PLAN NOTE:

1. ALL EXTERIOR GROUND AREAS NOT OCCUPIED BY BUILDINGS, STRUCTURES AND PAVING (EXCEPT AREAS OUTSIDE OF THE AREA OF DISTURBANCE) SHALL BE TOPSOILED (5" THICK), FERTILIZED AND SEEDDED (TYPE A-3) BY OTHERS UNLESS OTHERWISE NOTED.

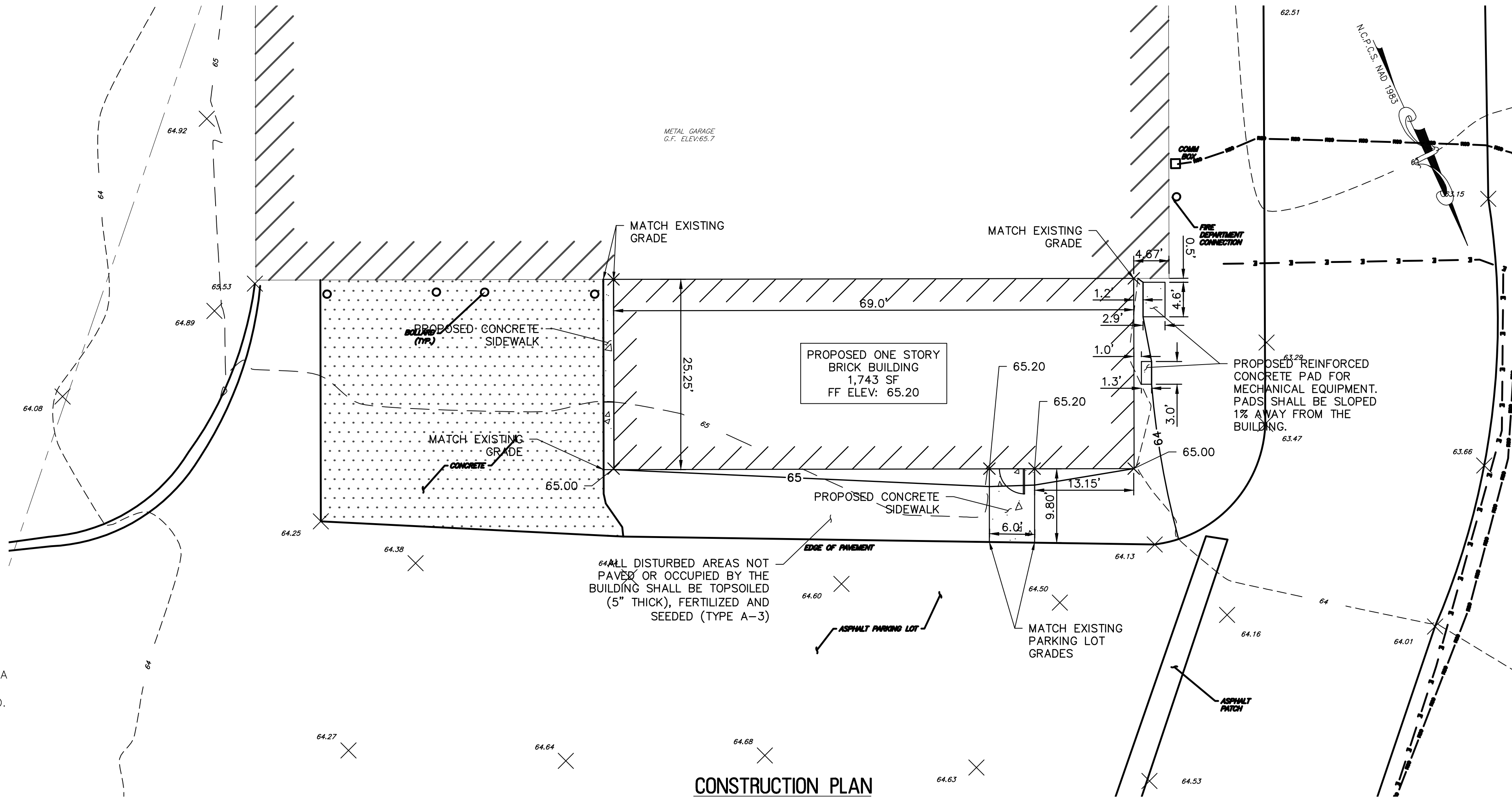
PROPOSED SURFACE LEGEND

CONCRETE



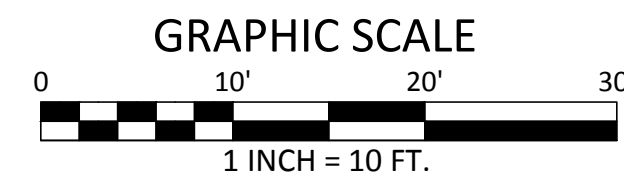
DEMOLITION PLAN

SCALE: 1"=10'



CONSTRUCTION PLAN

SCALE: 1"=10'



FINAL REVIEW: 10-11-2024



**REMINGTON
& VERNICK
ENGINEERS**

2059 SPRINGDALE ROAD,
CHERRY HILL, NJ 08003
(856) 795-9595, FAX (856) 795-1882
WEB SITE ADDRESS : WWW.RVE.COM
Certification of Authorization: 24 GA 28003300
Excellence • Innovation • Service

ALL DOCUMENTS PREPARED BY REMINGTON & VERNICK ENGINEERS AND AFFILIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY REMINGTON & VERNICK ENGINEERS AND AFFILIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS' SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO REMINGTON & VERNICK ENGINEERS AND AFFILIATES. OWNER SHALL INDEMNIFY AND HOLD HARMLESS REMINGTON & VERNICK ENGINEERS AND AFFILIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

DATE:

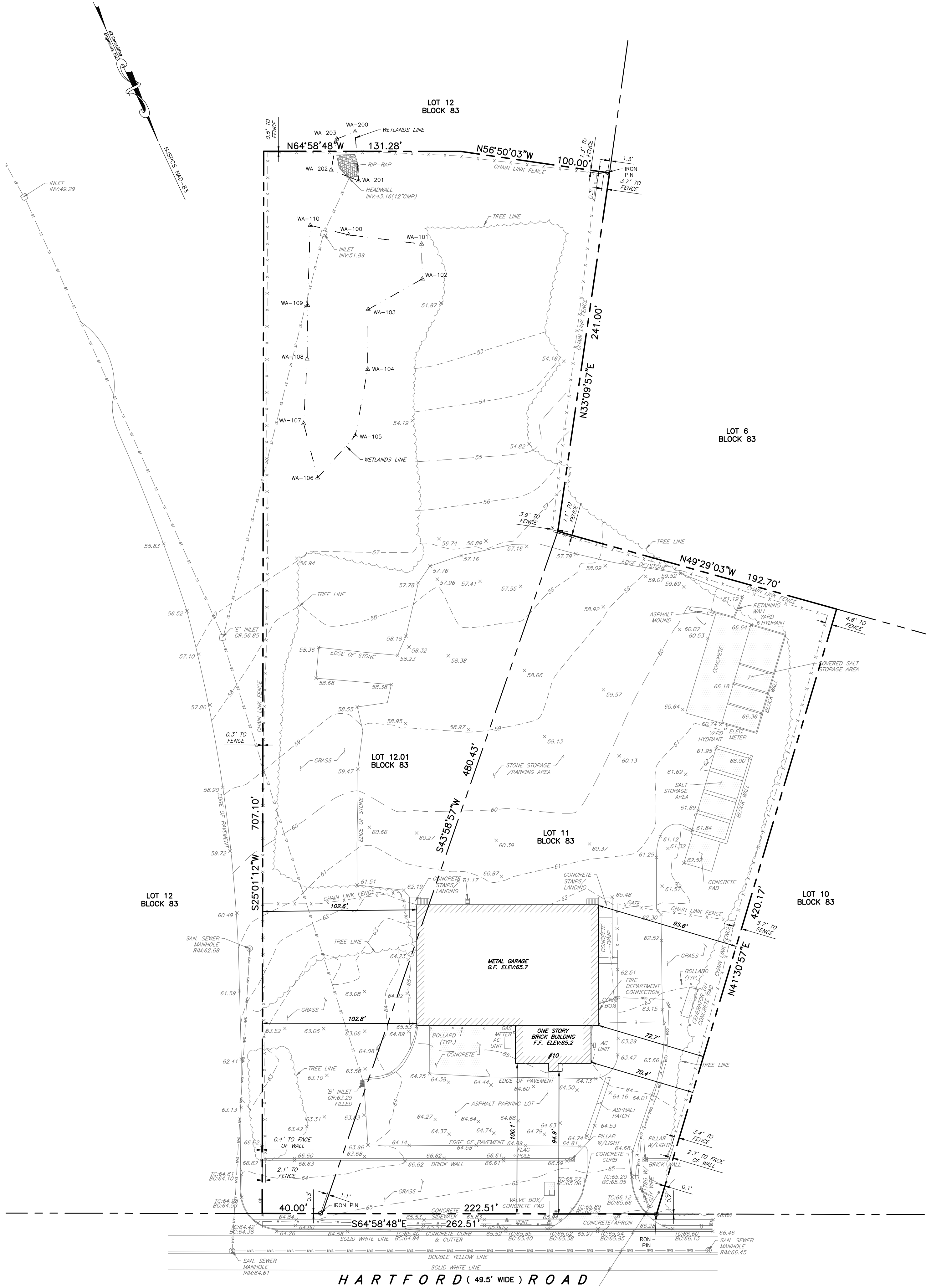
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

DWG. NAME: W:\PROJECT FILES\PD22-027 - 10 Hartford Road- Delran Twonship\09-AUTOCAD\SURVEY\PD22-027 rsurvey.dwg

LEGEND	
	EXISTING PROPERTY BOUNDARY
	EXISTING ADJACENT LOT LINE
	EXISTING 5' MAJOR CONTOUR LINE
	EXISTING 1' MINOR CONTOUR LINE
	EXISTING EDGE OF PAVING
	EXISTING SIDEWALK
	EXISTING CURB
	TAX MAP LOT & BLOCK NUMBER
	SPOT ELEVATION

LOT 11
BLOCK 83
x 64.60

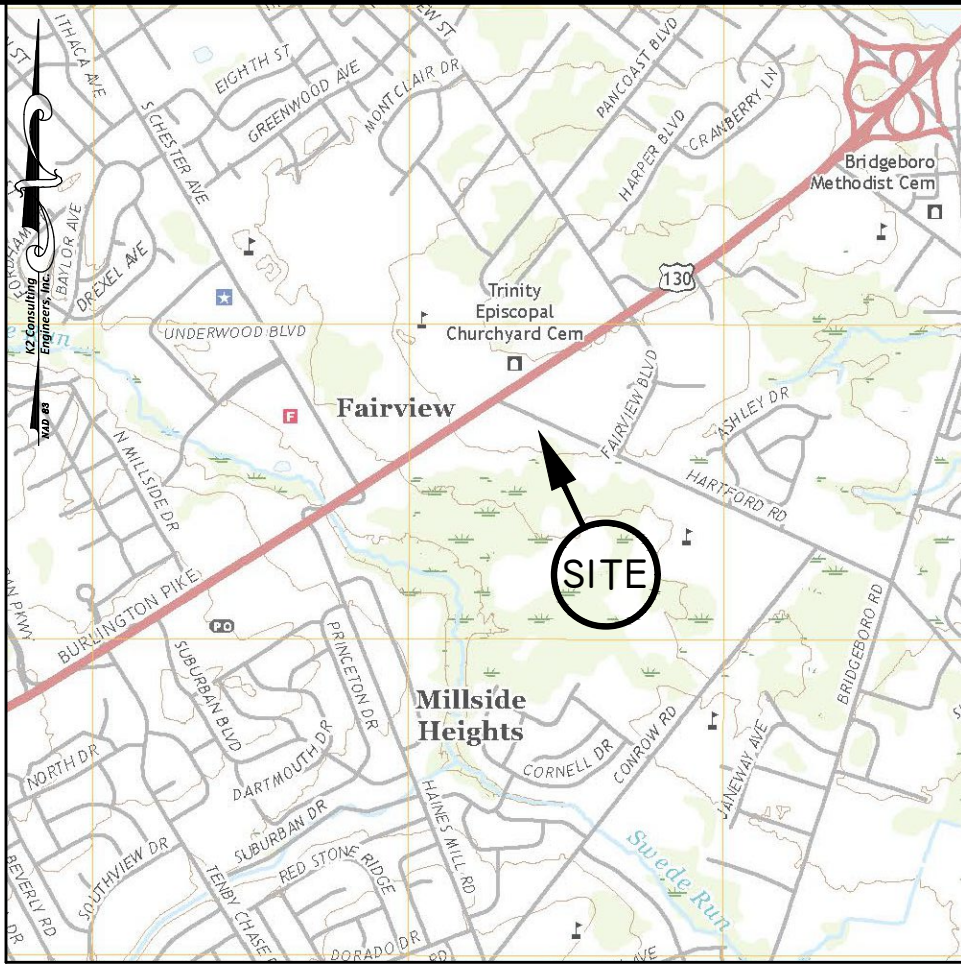
LOT 12
BLOCK 83



- NOTES
- 1) THIS PLAN HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. SHOULD ADDITIONAL TITLE/BOUNDARY BECOME AVAILABLE, K2 CONSULTING ENGINEERS, INC. RESERVES THE RIGHT TO AMEND AND/OR REVISE THIS PLAN.
 - 2) BASE INFORMATION TAKEN FROM DEEDS OF RECORD AND FIELD SURVEY PERFORMED BY K2 CONSULTING ENGINEER'S INC.
 - 3) BEING KNOWN AS LOT 11, BLOCK 83 ON THE OFFICIAL TAX MAPS OF THE TOWNSHIP OF DELRAN, BURLINGTON COUNTY, NEW JERSEY
 - 4) WE ARE NOT EXPERTS IN THE DETECTION AND/OR IDENTIFICATION OF POTENTIALLY HAZARDOUS SOILS AND SUBSTANCES; THEREFORE, THIS PLAN DOES NOT PURPORT TO LOCATE OR REVEAL SAME.
 - 5) FRESHWATER WETLANDS, IF ANY, ARE NOT LOCATED BY THIS SURVEY.
 - 6) PROPERTY CONTAINING: XX,XXX SQUARE FEET OR X.XXX ACRES, MORE OR LESS.
 - 7) THIS PLAN OF SURVEY IS NOT INTENDED TO GUARANTEE OWNERSHIP.
 - 8) DIMENSIONAL TIES SHOWN HEREON ARE NOT FOR THE ESTABLISHMENT OF PROPERTY LINES OR FOR THE CONSTRUCTION OF FENCES OR ANY OTHER PERMANENT STRUCTURE AND/OR PLACEMENT OF ACCESSORY BUILDINGS.
 - 9) EXCEPT AS STATED OR SHOWN ON THIS PLAN, THIS SURVEY DOES NOT PURPORT TO REFLECT ANY OF THE FOLLOWING WHICH MAY BE APPLICABLE TO THE SUBJECT REAL ESTATE: EASEMENTS, OTHER THAN THOSE EVIDENT AT THE TIME OF MAKING OF THIS SURVEY; RESTRICTIVE COVENANTS; SUBDIVISION RESTRICTIONS; ZONING OR OTHER LAND USE REGULATIONS, AND ANY OTHER FACTS WHICH AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
 - 10) THIS PLAN OF SURVEY IS ISSUED SOLELY TO THE PARTIES LISTED FOR THIS TRANSACTION ONLY AND IS LIMITED TO THE CURRENT MATTER AS OF THE DATE OF THIS SURVEY.
 - 11) IF THIS DOCUMENT DOES NOT CONTAIN THE SEAL OF THE UNDERSIGNED PROFESSIONAL, IT IS NOT A VALID COPY OF THE SURVEY AND NO LIABILITY IS ASSUMED FOR THE INFORMATION SHOWN HEREON.
 - 12) VERTICAL INFORMATION BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

THIS PLAN HAS BEEN PREPARED UNDER MY IMMEDIATE SUPERVISION

PRELIMINARY
TIMOTHY R. CORCORAN, P.L.S.
Professional Land Surveyor, NJ License No. GS-36715



BEVERLY QUADRANGLE
1" = 2,000'

PLAN OF SURVEY AND PARTIAL TOPOGRAPHY
10 HARTFORD ROAD, DELRAN, NEW JERSEY 08075
LOT 11 IN BLOCK 83 ON TAX MAP SHEET 3
SITUATE IN THE
TOWNSHIP OF DELRAN, BURLINGTON COUNTY, NEW JERSEY

DATE: 08/29/2022
CHECKED BY: TRC
DRAWN BY: TLM
SCALE: 1" = 40'
JOB NO.: PD22-027
SHEET 1 OF 1

K2 Consulting Engineers, Inc.	
Professional Civil Engineers Certificate of Authorization #24GA26187400	
36 Tanner Street, Suite 100 Haddonfield, NJ 08033 Phone - 856.310.5205 Fax - 856.616.2441 www.K2CE.com	
BY	
REVISION	
DATE	