

# **COUNTY OF UNION**

DEPARTMENT OF ENGINEERING, PUBLIC WORKS & FACILITIES MANAGEMENT Joseph J. Policay, Jr., CPWM, Acting Director

BOARD OF COUNTY COMMISSIONERS

DATE:

August 7, 2024

KIMBERLY PALMIERI-MOUDED Chairwoman

LOURDES LEON Vice-Chairwoman

FROM:

Ricardo S. Matias, PE, CME, CFM

**County Engineer** 

JAMES E. BAKER, JR.

JOSEPH C. BODEK

TO:

**All Potential Bidders** 

MICHÈLE S. DELISFORT

RE:

**CLARIFICATION 1** 

SERGIO GRANADOS

Warinanco Park Tennis Courts, Borough of Roselle,

BETTE JANE KOWALSKI

County of Union, New Jersey; BA#41-2024; Union County Engineering Project #2023-012

ALEXANDER MIRABELLA

REBECCA WILLIAMS

EDWARD T. OATMAN

County Manager

AMY CRISP WAGNER Deputy County Manager

BRUCE H. BERGEN, ESQ. County Counsel

JAMES E. PELLETTIERE Clerk of the Board

This is a response to an inquiry received regarding acceptable product substitutions for the above referenced project.

"Submittals are not approved by the County or its representatives prior to a contract being awarded."

RICARDO S. MATIAS PE, CME, CFM County Engineer Director, Division of Engineering

fax(908)789-3674

# SPECIFICATIONS

# FOR

Warinanco Park Tennis Courts, Borough of Roselle, County of Union, New Jersey BA#41-2024; Union County Engineering Project #2023-012

**JULY 2024** 

# UNION COUNTY BOARD OF COUNTY COMMISSIONERS

Kimberly Palmieri-Mouded, Chairwoman Lourdes M. Leon, Vice Chairwoman James E. Baker, Jr., Commissioner Joseph C. Bodek, Commissioner Michele S. Delisfort, Commissioner Sergio Granados, Commissioner Bette Jane Kowalski, Commissioner Alexander Mirabella, Commissioner Rebecca Williams, Commissioner

# **CLERK OF THE BOARD**

James E. Pellettiere, RMC

#### **COUNTY MANAGER**

Edward T. Oatman

# DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES MANAGEMENT

Joseph J. Policay, Jr., CPWM
Acting Director, Department of Engineering, Public Works and
Facilities Management

# COUNTY ENGINEER DIVISION OF ENGINEERING

Ricardo Matias, PE, CME, CFM

# Prepared by:

Remington & Vernick Engineers 2059 Springdale Road Cherry Hill, NJ 08003 (856) 795-9595 Jessica D. Hauber, PE

Revised: 2020.02.19

# COUNTY OF UNION NOTICE TO BIDDERS

Sealed bids will be received by the assistant director of the Division of Purchasing, or her designee, at the County of Union, New Jersey on August 21, 2024 at 10:30 a.m., prevailing time, in the 3<sup>rd</sup> Floor Conference Room, U.C. Administration Building, 10 Elizabethtown Plaza, Elizabeth, New Jersey for:

Warinanco Park Tennis Courts, Borough of Roselle, County of Union, New Jersey BA#41-2024; Union County Engineering Project #2023-012

Bid Packages may be obtained at no charge by registering and downloading at <a href="http://ucnj.org/bid-specs">http://ucnj.org/bid-specs</a>. Bid Packages may also be obtained in person from the Division of Engineering at 2325 South Avenue, Scotch Plains, New Jersey 07076 between 8:30 a.m. and 4:00 p.m. weekdays upon payment of a non-refundable money order or bank check in the amount of \$275.00 made payable to the County of Union. No Personal / Company checks will be accepted. Requests for mailing of specifications will not be honored. For further information please call 908-789-3675.

The County reserves the right to reject any and all bids and to waive any and all informalities in the bid in accordance with the New Jersey Local Public Contracts Law.

Bids shall be submitted in a sealed envelope and clearly marked with the subject of the bid, name and address of the bidder, phone & fax number, and date of the bid opening. Each bid must be delivered to reach the Division of Purchasing prior to the stated time of the opening of the bids. The County will not be responsible for late delivery by the U.S. Mail or any other carrier. If hand delivered, please note that parking and security access at the County Complex may cause delays and bidders should take them into consideration in order to submit a timely bid. **No** late bids will be accepted.

Bidders are required to comply with the requirements of N.J.S.A. 10:5-31 et seq. and N.J.A.C. 17:27.

MICHELLE HAGOPIAN, ASSISTANT DIRECTOR OF PURCHASING

# Union County Board of County Commissioners

We're Connected to You!

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Revised: 2019.04.02

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Bid Document Submission Checklist

**Bidding Documents** 

Bid Form

Consent of Surety

Bidder Signature Page

Bidder Disclosure Statement

Subcontractor Identification Statement: List of Subcontractors

Subcontractor Identification Certification

Acknowledgement of Addendum

Contractor Business Registration Certificate

Affirmative Action Requirement

**Experience Statement** 

Certificate of Bidder Showing Ability to Perform Contract

Non-Collusion Affidavit

Contractor Registration Advisement

Americans with Disabilities Act

Statement of Bidder's Qualifications

Contractor Performance Record

Affidavit Regarding List of Disbarred, Suspended or Disqualified Bidders

Prior Negative Experience Questionnaire-Certification

Contractor's Certification of Compliance - New Jersey Prevailing Wage Act

**Uncompleted Contracts Affidavit** 

Certificate of Insurance Statement

Collection of Use Tax on Sales to Local Governments Statement

Time of Completion

Disclosure of Investment Activities in Iran

Disclosure of Non-Involvement in Activities in Russia or Belarus

Federal Non-Debarment Certification

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Certification regarding lobbying

Disclosure of lobbying activities (LLL Form)

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# PROJECT TECHNICAL SPECIFICATIONS

TOC-2 Revised: 2024.01.22

# UNION COUNTY BOARD OF COUNTY COMMISSIONERS INSTRUCTIONS TO BIDDERS AND FORMS

# **DEFINITIONS**

Wherever reference is made to the County, Title of Project, Bidder, or Vendor/Contractor they shall be as follows:

#### **OWNER/COUNTY:**

Union County Board of County Commissioners UC Administration Building, 6<sup>th</sup> Floor 10 Elizabethtown Plaza Elizabeth, New Jersey 07207

### **ADDRESS INQUIRIES TO:**

Union County Division of Purchasing UC Administration Building, 3<sup>rd</sup> Floor 10 Elizabethtown Plaza Elizabeth, NJ 07207

Attn: Michelle Hagopian, Assistant Director, Division of Purchasing

Telephone: 908-527-4130 Facsimile: 908-558-2548

ucbids@ucnj.org

#### ADDRESS BIDS AND SUBMIT TO:

Union County Division of Purchasing UC Administration Building, 3<sup>rd</sup> Floor 10 Elizabethtown Plaza Elizabeth, NJ 07207

Attn: Michelle Hagopian, Assistant Director, Division of Purchasing

Telephone: 908-527-4130 Facsimile: 908-558-2548

ucbids@ucnj.org

TITLE OF PROJECT: Warinanco Park Tennis Courts, Borough of Roselle,

County of Union, New Jersey, BA#41-2024; Union County Engineering Project #2023-012

BIDDER: Bidder shall be a single overall contract bidder

**ENGINEER:** Remington & Vernick Engineers

# **COUNTY ENGINEER AND/OR CONSTRUCTION MANAGER (as applicable):**

#### **COUNTY ENGINEER:**

Ricardo S. Matias, PE, CME, CFM Union County Division of Engineering

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Revised: 2024.01.22

#### **GENERAL SPECIFICATIONS**

#### 1. BID FORM

Bids for this Work will be enclosed in a sealed envelope addressed to the Purchasing Division, County of Union, New Jersey, Union County Administration Building, 10 Elizabethtown Plaza, Elizabeth, New Jersey 07207, with the full name of the Project clearly marked on the outside. Refer to the sheet marked "Notice of Bid (Advertisement)" for the correct name of the Project. Bidders must submit their bids on the attached pricing sheet (Bid Form), in a sealed envelope addressed to the County and bearing on the outside: the name of the Bidder, Bidder's business address, and the title of the Project.

The Division of Purchasing will receive the bids for this Work at the Union County Administration Building, 10 Elizabethtown Plaza, Elizabeth, New Jersey on the date and time noted on the sheet marked "**Notice of Bid (Advertisement)**".

The County will not assume responsibility for bids forwarded by mail. It is the individual's responsibility to see that the bids are presented to the Purchasing Division at the time and at the place designated.

Bids will be accepted only on the Bid Form supplied. Bids on forms other than the original supplied herein will be rejected. The "complete" Bid Documents includes the Bid Bond, Bid Form, Bidder's Checklist, Consent of Surety, Ownership Disclosure Certification, Non-Collusion Affidavit, and any other documents noted in these Instructions to Bidders or Contract Document to be submitted with this Bid.

The bidder will state in the bidding sheet the price per unit of measure for each scheduled Item of Work for which he will agree to carry out the Work, and the Total Bid Price for the construction of the Project.

The prices in the Bid Form shall be typed or written in pen and ink. Erasures or alterations must be initialed by the bidder in ink.

The bidding sheet for this Project may include a fixed amount as a Bid Allowance. If applicable, all bidders are required to add this fixed amount to their base bid and to include this additional amount in their Bid Bond. This sum will be included in the Contract as well as the performance, labor and materials bond. Payment by the County will be made to the Contractor from these funds only upon the completion of extra Work pursuant to a written Change Order(s) signed by the County's Engineer or his designee and the Contractor, prior to the commencement of such Work. Work commenced prior to written approval by the County shall be done at Contactor's risk. Such payment will only be in the amount agreed to by the parties, in writing in the Change Order(s). See Section 37, Change Orders, of these general specifications for further details.

Refer to Bid Document Submission Checklist for all required documents.

In the event there is a discrepancy between the unit price given and the extended total, the unit price will govern. Any discrepancies will be mathematically adjusted.

Insert applicable alternates, if any have been specified, applicable to the Bidder's Work. All alternates MUST be bid upon. Any Bidder's failure to do so will be deemed a material, non-waivable defect and shall render the bid nonresponsive. The Bidder shall clearly designate whether the change in price is an addition or subtraction, by using either a "+" sign or the word "addition", or in the alternative, a "-"sign or the word "minus". If there is no other change in price, the Bidder shall insert "NC" or "No Charge".

When two or more low bids are equal in all respects, awards will be made according to the provisions of N.J.S.A. 40A:11-6.1(d).

Where unit prices have already been established by the Contract Documents, the Bidder agrees that such unit prices shall prevail. All unit prices, whether filled in by the Bidder or established by the Contract Documents, shall become part of the Contract. No bid will be considered or award made, unless applicable unit prices, as required, are filled in.

The County reserves the right to reject any or all bids and also reserves the right to waive any minor informalities or non-material exceptions in the bids.

The County of Union has the right to reject any and all bids from any bidder that is in, or contemplates bankruptcy of any chapter of nature. Said bidder shall notify the County, in writing, of any condition or knowledge of the same.

Conditional bids will not be accepted. Bids may be withdrawn prior to the advertised time for the opening of bids or authorized postponement thereof or in accordance with the provisions of N.J.S.A. 40A:11-23.3 discussed below. Bids received after the advertised time shall not be considered. Bidders shall be solely responsible for premature opening or late delivery of bids not properly marked, addressed, or directed.

# 2. WITHDRAWAL OF BID DUE TO MISTAKE

N.J.S.A. 40A:11-23.3 authorizes a bidder to request withdrawal of a public works bid due to a mistake on the part of the bidder. A mistake is defined by N.J.S.A. 40A:11-2(42) as a clerical error that is an unintentional and substantial computational error or an unintentional omission of a substantial quantity of labor, material, or both, from the final bid computation.

A bidder claiming a mistake under N.J.S.A. 40A:11-23.3 must submit a request for withdrawal, **in writing**, by certified or registered mail to Michele Hagopian, Assistant Director, Division of Purchasing, County of Union, New Jersey, Union County Administration Building, 10 Elizabethtown Plaza, Elizabeth, New Jersey 07207. The

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bidder must request withdrawal of a bid due to a mistake, as defined by the law, within five business days after the receipt and opening of the bids. Since the bid withdrawal request shall be effective as of the postmark of the certified or registered mailing, Michele Hagopian, Assistant Director of the Division of Purchasing or his designee may contact all bidders, after bids are opened, to ascertain if any bidders wish to, or already have exercised a request to withdraw their bid pursuant to N.J.S.A. 40A:11-23.3.

A bidder's request to withdraw the bid **shall** contain evidence, including any pertinent documents, demonstrating that a mistake was made. Such documents and relevant written information shall be reviewed and evaluated by the County's designated staff pursuant to the statutory criteria of N.J.S.A. 40A:11-23.3.

The County will not consider any written request for a bid withdrawal for a mistake, as defined by N.J.S.A. 40A:11-2(42), by a bidder in the preparation of a bid proposal unless the postmark of the certified or registered mailing is within the five business days following the opening of bids.

# 3. QUALIFICATIONS OF BIDDERS AND REQUIRED SUBMISSIONS

The County may make such investigation as it deems necessary to determine the ability of the Bidders to perform the Work, which includes investigation of any and all subcontractors listed with the bid. The Bidder shall furnish any information and data for this purpose as the County may request.

#### 4. INTERPRETATIONS AND ADDENDA

Any explanation desired by a bidder regarding the meaning or interpretation of the Contract Documents must be requested in writing to the Assistant Director, Division of Purchasing at <a href="mailto:ucbids@ucnj.org">ucbids@ucnj.org</a> with reasonable time allowed for a reply to reach bidders before submission of their bids. Any interpretation or instruction made by the County Engineer will be in the form of an addendum to the Contract Documents or clarification and will be furnished to all prospective bidders. Oral explanations or instructions given before the award of the Contract will not be binding. Bidders are required to bring to the attention of the Assistant Director, Division of Purchasing at ucbids@ucnj.org, the discovery of any apparent ambiguity, inconsistency, error, discrepancy, omission in the Contract Documents for interpretation and correction at least ten (10) working days before opening of bids with the exception of Saturdays, Sundays and holidays.

All Addenda issued through the Office of the Division of Purchasing are amendments to the Contract Documents and shall be considered in preparing bids. Same shall become part of the Contract Documents.

G-4 Revised: 2024.01.22 Addenda take precedence over all earlier documents and over each other according to the latest date. Addenda unless themselves interpretive remain subject to interpretation the same as any other document incorporated in the Contract.

Addenda may be issued by the Assistant Director, Division of Purchasing up to seven (7) working days prior to the opening of bids. Failure of any bidder to receive an addendum shall not relieve such bidder from the obligation imposed by such addendum. Bidders are to keep themselves currently acquainted with the Contract Documents during the entire bidding period and make inquiry on their own initiative as to issuance of any Addenda. Receipts of all Addenda shall be acknowledged on the "Acknowledgement of Receipt of Changes" included in the bid package and must be submitted with the bid.

# 5. OBLIGATION OF BIDDER TO INSPECT SITE AND CONTRACT DOCUMENTS

At the time of the opening of bids, each Bidder will be presumed to have inspected the site(s) and to have read, and be thoroughly familiar with the Contract Documents. The failure or neglect of any Bidder to receive or examine any form, instrument, or document shall in no way relieve any Bidder from any obligation in respect to its bid.

The Bidder shall examine the contents of the Project Manual and the set of Drawings and assure itself that all pages of the Specifications, Drawings, and other Contract Documents are included in the documents obtained for bidding purposes. Should the Specifications, Drawings, and other Contract Documents be incomplete, the Bidder shall notify the County Engineer in writing, who will supply the Bidder with any missing pages of Specifications, Drawings, or other Contract Documents. The lack of such written notification by the Bidder will be construed as evidence that the Specifications, Drawings, or other Contract Documents supplied it for bidding purposes are full and complete and as a waiver of any subsequent claim to the contrary.

#### 6. BID AND PERFORMANCE GUARANTEE

Each bidder must furnish a Bid Bond, Certified Check or Bank Cashier's Check in the amount of ten percent (10%) of the Bid. Checks shall be drawn to the order of the County of Union, New Jersey, not to exceed \$20,000.

Each bidder must furnish with the bid a certificate from a Surety Company, i.e. Consent of Surety, stating that in the event of the contract being awarded to said bidder, such Surety Company will provide the Contractor with bonds guaranteeing the faithful performance of the Work in accordance with the plans and specifications, and the payment for labor, materials, and all other indebtedness which may accrue on the account

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Revised: 2024.01.22

of this Work. A Performance, Labor and Materials Bond will be furnished by the Contractor upon an award of Contract, and will be in the amount of 100% of the contract price.

A one-year Maintenance Bond will be required upon acceptance of the Project by the County in the amount as stated in Section 15 of the General Specifications. Bonds will be written by a firm authorized to issue the bonds under the laws of the State of New Jersey and be in a form acceptable to the County Counsel.

*N.J.S.A.* 40A:11-1 *et seq.* allows the prime Contractor to furnish the Performance Security for his Subcontractors. The County of Union requires Performance Security to be furnished by the prime contractor for the entire job in the total amount of the contract.

The County will return all certified checks or cashier's checks after the proposals have been opened, tabulated and reviewed except those of the three (3) bidders lowest responsible bidders. The County will return the checks of these bidders when a contract is awarded to the successful bidder within ten (10) days after the award of the contract.

If the successful bidder refuses or neglects to sign an agreement and furnish the required bonds, the Bid Bond will be held and used by the County to offset any damages for such refusal or neglect.

#### 7. COMMENCEMENT AND COMPLETION

Work will not commence until a Notice to Proceed is received from the County Engineer.

Upon substantial completion of the Project, the Contractor must request a joint inspection with the County Engineer. Upon completion of this inspection, the County Engineer will prepare a list of incomplete or incorrect items (punch list) and have Contractor initial and date same. The Contractor shall rectify all deficiencies noted on the punch list within 30 calendar days of receipt of the list. The County Engineer may approve extensions for extenuating circumstances.

#### 8. BIDDER AFFIDAVIT

All Bidders are required to complete, sign, and submit with their Bid, the attached "Affidavit Regarding List of Debarred, Suspended or Disqualified Bidders". (See form enclosed)

#### 9. LABOR AND MATERIALS

The prices will cover all costs of any nature incident to and growing out of the Work, including all labor, material, equipment, transportation, loss by damage or destruction of the Project, settlement of damages, and for replacement of defective work or materials.

G-6 Revised: 2024.01.22 N.J.S.A. 54:32B-1 et seq. exempts all materials sold to the County of Union from sales or use taxes and should not be included in the prices provided on the Bidding Sheet.

#### 10. INSURANCE REQUIREMENTS

The County of Union requires all contractors to be able to comply with the following insurance requirements. In the event a bid is accepted by the County, the contractor must accept the applicable insurance requirements, as set forth below, as part of any contract awarded to it by the County.

Contractor shall carry and maintain at all times while the contract is in full force and effect, the following insurance coverage with an insurance company or companies acceptable to the County, with limits not less than those shown below. A Certificate of Insurance shall be filed with the County <u>prior</u> to commencement of any Work indicating the following:

- a) Commercial General Liability (CGL): Coverage for all operations including, but not limited to, contractual, products and completed operations, and personal injury with limits no less than \$5,000,000 per occurrence/\$10,000,000 aggregate. The County of Union, its Board of County Commissioners, officers, employees, agents and servants shall be included as an additional insured. Coverage is provided on a primary and non-contributory basis to the County of Union, et al.
- b) Automobile Liability: Coverage for all owned, non-owned and hired vehicles with limits not less than \$5,000,000 per occurrence, combined single limits (CSL) or its equivalent.
- c) Workers Compensation: As required by the State of New Jersey and Employers Liability with limits not less than \$1,000,000 per accident for bodily injury or disease.
- d) Professional Liability (if design/build): Coverage with limits not less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate
- e) Contractor's Pollution Legal Liability and/or Asbestos Legal Liability and/or Errors & Omissions (if project involves environmental hazards): Coverage with limits no less than \$1,000,000 per occurrence or claim/\$2,000,000 aggregate.
- f) Builders Risk (for major renovations): During the course of construction utilizing an "All Risk" coverage form with limits equal to the completed value of the project and no coinsurance penalty provisions.

Where applicable, a waiver of subrogation in favor of the County of Union, its Board of County Commissioners, officers, employees, agents, servants and the State of New Jersey is to be included in those policies of insurance where permitted by law.

G-7 Revised: 2024.01.22 Notice of Cancellation: Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the Entity.

Special Risks or Circumstances: The County reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

## 11. INDEMNIFICATION REQUIREMENTS

The County of Union requires all bidders to accept the following indemnification requirements in the event the County accepts their bid. The Contract awarded by the County to the successful bidder will contain the following provision:

"To the fullest extent permitted by law the Contractor shall indemnify, defend, and hold harmless the owner and the owner's consultants, agents, representatives, and employees from and against any and all claims, damages, losses, costs, and expenses, including, but not limited to attorneys' fees, legal costs and legal expenses arising out of or resulting from the performance of the Contractor's work under this contract, provided that such claim, damage, loss, cost, or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) caused or alleged to be caused by the negligent acts, negligent omissions, and/or fault of the Contractor, anyone directly or indirectly employed or retained by the Contractor, or anyone for whose acts the Contractor may be liable regardless of whether caused in part by the negligent act or omission of a party indemnified hereunder provided it is not caused by the sole negligence of a party indemnified hereunder. Contractor shall further indemnify and hold harmless the County and the County's consultants, agents, representative, and employees from and against any and all claims, damages, losses, costs, and expenses, including, but not limited to attorneys' fees, legal costs and legal expenses, arising out of or resulting from performance of the work, provided that such claim, damage, loss, cost, or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) caused or alleged to be caused by the negligent acts, negligent omissions, and/or fault of the County or the County's consultants, agents, representatives, or employees and arises out of this project and provided such claim, damage, loss, cost, or expense is not caused by the sole negligence of a party indemnified hereunder."

# 12. ROYALTIES AND PATENTS

Revised: 2024.01.22

The Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall hold the County harmless from loss on account thereof.

#### 13. PLANS AND SPECIFICATIONS

In carrying out the Work, the plan(s) and the specifications will be followed by the Contractor. Minor alterations in the plan may be made or permitted by the County Engineer from time to time and, if no additional Work is necessary, there will be no additional charge for carrying out such minor alterations.

The Contractor shall provide the County Engineer a set of reproducible as-built drawings upon completion of the Project. The Contractor shall maintain an updated construction progress plan in the Project field office at all times.

When applicable, The New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction, as amended, and Supplemental Specifications for State Aid Projects, herein after referred to as the "Standard Specifications", are made a part of these specifications and contract for the improvements, and will govern the construction of this Project, the material used and the execution of this Project, except as revised and modified herein. The references to these specifications are given herein for the purpose of aiding in the rapid location of the description of the various items herein specified. The entire Work must be carried on and completed to the satisfaction of the County. The Standard Specifications are amended as follows:

"Any reference to the Commissioner, Department, Department Laboratory, Engineer or Inspector should be redefined to be the County of Union".

# 14. GUARANTEE AGAINST DEFECTIVE WORK

Prior to final payment being made or before the release of the performance security required by Section 3 above, the Contractor and Surety shall execute and deliver to the County an original Maintenance Bond with an original signature and seal having a penal sum equal to:

- A) One hundred percent (100%) of the final adjusted Contract amount, if such amount is \$50.000.00 or less:
- B) Fifty percent (50%) of the final adjusted Contract amount, if such amount be greater than \$50,000.00 but less than \$250,000.00; and,
- C) Twenty-five percent (25%) of the final adjusted contract amount, if such amount is \$250,000.00 or more.

The Bond and Surety shall be satisfactory to the Union County Counsel. The Surety shall hold a Certificate of Authorization to do business in the State of New Jersey and shall conform to P.L. 1995 c.384, codified as N.J.S.A. 2A:44-143, 144. The Surety Disclosure Statement and Certification required by N.J.S.A. 2A: 44-143, 144, shall be attached to the Bond. Such Maintenance Bond shall remain in full force and effect for a period of one (1) year from the date of Final Completion. Such Maintenance Bond shall also provide that the Contractor and the Surety guarantee to replace for the said period of one (1) year from the date of Final Completion, all Work performed and/or all materials furnished that were not performed or were not furnished in accordance to the terms and performance requirements of the Contract Documents, and will make good any defects thereof which become apparent before the expiration of one (1) year. If, during that period, any part of the Project, in the judgment of the Engineer, is found defective, the Contractor will repair or replace same within five (5) days of receipt of notice from the County Engineer. If the Contractor refuses or neglects to do such Work in the time specified, the County Engineer may have the Work done by others and the Contractor or his Surety thereof will pay the cost.

The Contractor will furnish the County a Maintenance Bond for a percentage of the final adjusted contract price, as stated above. The one (1) year period will start the day of Final Completion of Project by the County. Final payment is conditional on the receipt of a maintenance bond in a form acceptable to County Counsel.

# 15. TRAFFIC AND STREET MAINTENANCE

The Work must be started and performed by the Contractor in such a manner as to minimize delays to the traveling public. It must be completed in a timely fashion, with little or no inconvenience to traffic and pedestrians, where such inconvenience may be avoided.

All municipal, county, and state roadways shall remain open to traffic unless otherwise provided for in the technical specifications.

If modified traffic patterns are authorized in order to provide a safe working or traveling environment, the Contractor is responsible for providing all equipment, barrels, cones, signs, and barricades to implement the work zone and detours, unless otherwise specified in the technical specifications. All work zones and detours shall be established in accordance with the technical plans and specifications if provided or in strict compliance with the current version of the Manual for Uniform Traffic Control Devices (MUTCD). The Contractor shall obtain approval for these work zones and detour plans from the Municipal Police or applicable police agency and the Union County Bureau of Traffic Maintenance prior to implementation.

All traffic control plans shall provide for safe movement of vehicular, bicycle, and pedestrian traffic. Particular attention shall be given to requirements of the Americans with Disabilities Act.

No portion of any street or alleyway may be used for the storage of any materials or equipment without the approval of the Municipal Police or other applicable police agency. Sidewalks, gutters, drains, fire hydrants and private drives shall be maintained for their intended use unless specifically approved by the County Engineer.

Upon suspension of Work, at the end of the day or for protracted periods, the Contractor shall remove all rubbish and materials from the Work site to the approved storage/staging location. All road cuts, saw cuts, and trenches that may pose hazard to vehicular, pedestrian, or bicycle traffic, to include handicapped users, shall be filled to the surface of the roadway or sidewalk. At no time will steel plates or settled trenches be allowed at the daily suspension of Work, unless specifically approved by the County Engineer.

Use of Traffic Control Officers shall be determined by the County in accordance with the provisions of N.J.S.A. 40A:11-23.1(c). If applicable to the Project, the County shall have provided an allowance for same as set forth in the Bid Form.

With respect to pedestrian traffic, the Contractor shall install signs restricting access of the general public and, as necessary, Union County employees to the area of construction. The Contractor shall provide safe access to required areas and place physical barriers to restricted areas. These barriers may range from caution tape to actual barriers, at the direction of the County Engineer.

#### 16. CONTRACTOR'S EMPLOYEES

The Contractor must employ only suitable and competent labor in the Work, and must remove from the Work any incompetent, unsuitable, or disorderly person upon complaint from the County Engineer.

The parties to any contract resulting from this proposal do hereby agree that the provisions of N.J.S.A. 10:2-1 through 10:2-4 (discrimination in employment on public works contracts): 34:11-56.25 et seq. (payment of prevailing rate of wages determined pursuant to N.J.S.A. 34:11-56.30 by the Commissioner), and the Rules and Regulations promulgated pursuant thereto, are hereby made a part of any contract and are binding upon them.

There will be no discrimination against any employee who is employed in the Work to be covered by any contract resulting from this bid because of age, race, creed, color, national origin, ancestry, marital status or sex.

Any person, firm, or corporation violating the provisions of this Section will be deemed and judged a disorderly person.

#### 17. OWNERSHIP DISCLOSURES REQUIRED

Pursuant to P.L. 2016, c. 43, codified as N.J.S.A. 52:25-24.2.no corporation, partnership, or limited liability company shall be awarded any contract nor shall any agreement be entered into for the performance of any work or the furnishing of any materials or supplies the County unless prior to the receipt of the bid or accompanying the bid, of said corporation, said partnership, or said limited liability company there is submitted a statement setting forth the names and addresses of all stockholders in the corporation who own ten percent (10%) or more of its stock, of any class, or of all individual partners in the partnership who own a ten percent (10%) or greater interest therein, or of all members in the limited liability company who own a ten percent (10%) or greater interest therein, as the case may be. If one or more such stockholder or partner or member is itself a corporation or partnership or limited liability company, the stockholders holding ten percent (10%) or more of that corporation's stock, or the individual partners owning ten percent (10%) or greater interest in that partnership, or the members owning ten percent (10%) or greater interest in that limited liability company, as the case may be, shall also be listed. The disclosure shall be continued until names and addresses of every non corporate stockholder, and individual partner, and member, exceeding the ten percent (10%) ownership criteria has been listed.

To comply with this section, a bidder with any direct or indirect parent entity which is publicly traded may submit the name and address of each publicly traded entity and the name and address of each person that holds a ten percent (10%) or greater beneficial interest in the publicly traded entity as of the last annual filing with the federal Securities and Exchange Commission ("SEC") or the foreign equivalent, and, if there is any person that holds a ten percent (10%) or greater beneficial interest, also shall submit links to the websites containing the last annual filings with the federal SEC or the foreign equivalent and the relevant page numbers of the filings that contain the information on each person that holds a ten percent (10%) or greater beneficial interest.

(See forms attached)

#### 18. NON-COLLUSION AFFIDAVIT

The Bidder shall submit with its bid either the attached completed "Non-Collusion Affidavit" or a statement of non-collusion with verbiage similar to same.

#### 19. EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCES

G-12 Revised: 2024.01.22 The successful bidder shall be required to complete and submit an Initial Project Workforce Report, New Jersey Department of Treasury Form AA-201, upon notification of award. Failure to submit this completed form may result in the Contract being terminated.

The successful bidder shall also be required to submit a copy of its Monthly Project Workforce Report, New Jersey Department of Treasury Form AA-202, to the New Jersey Department of Treasury's Division of Public Contracts Equal Employment Opportunity Compliance and to the Board.

#### 20. COMPLIANCE WITH NEW JERSEY PREVAILING WAGE ACT

The County of Union, in order to fulfill the requirements of N.J.S.A. 34:11-56.25 et seq, requires that the following additional conditions be strictly followed. The bidders represent that he is not listed or is not on record in the Office of the Commissioner or the Department of Labor and Workforce Development as one who failed to pay prevailing wages in accordance with the provisions of this Act. The bidder agrees to the inclusion of a contract provision upon award which specifically requires said Contractor to fully comply with each and all of the requirements of the aforesaid Act as it relates to prevailing rates of wages on public contracts as set forth in the New Jersey Prevailing Wage Act, P.L. 1963, Chapter 150 and P.L. 1974, Chapter 64.

A Copy of the Prevailing Wage Rates is attached for your reference. Applicable rates are those wages and fringe benefit rates in effect on the date the contract is awarded. All predetermined rate increases listed at the time the contract award must also be paid, beginning on the dates specified. Rates may change between the time of issuance of this determination and the award of the public works contract. Therefore, prior to the award of the contract, verification must be made with the Public Contracts section, to insure that the rates contained in this determination are still prevailing.

The Contractor agrees to abide and be bound by each and all of the said statutory provisions with respect to the payment of prevailing rates of wages, and acknowledges that the County reserves the right to terminate the Contractor's (or his subcontractors') right to proceed with the scope of Work, or such portion thereof that relates to the failure to pay prevailing rates of wages. In such event or under the terms of N.J.S.A. 34:11-56.27, the Contractor and his surety will be liable to the County of Union for any excess costs occasioned by such a violation.

The Contractor or subcontractors for this Project will post the Prevailing Wage Rates for each craft and classification involved as determined by the Commissioner of Labor and Industry, including the effective date of any changes thereof, in prominent and easily accessible places at the site of the Work or at such place or places as are used by them to pay workmen their wages.

G-13 Revised: 2024.01.22 The County of Union requires a copy of payroll records from the Contractor and subcontractors. Payroll records shall be submitted with each voucher request for payment. Prevailing wage rates may be obtained from the New Jersey Labor, Division of Workplace Standards, Public Contracts Section, (609-292-2259).

In addition to compliance with the New Jersey Prevailing Wage Act, the County requires compliance with procedures established by Resolution No. 2014-0408 adopted by the Union County Board of County Commissioners on May 8, 2014. The resolution is furnished in Section 56 of these General Specifications.

#### UNION LABOR IS PREFERRED ON ALL COUNTY WORK

The foregoing reference to specific laws will not be deemed to be a limitation of obligation of the Contractor to perform his obligations in full compliance with the provisions and requirements of all federal and state statues and local ordinances applicable to the Work to be done under the contract.

It is agreed and understood that any contracts and/or orders placed as a result of this proposal will be governed and construed and the rights and obligations of the parties hereto will be determined in accordance with the laws of the State of New Jersey.

Upon completion of the Work, the Contractor will furnish a Certification of Compliance with the New Jersey Prevailing Wage Act. The certificate in a form acceptable to County Counsel is a condition of the final payment. (See form attached)

#### 21. BRAND NAME OR EQUAL

When the Specifications, Forms, and other Contract Documents use "brand name or equivalent" or similar language, the listed brand name shall serve as a reference or point of comparison for the functional or operational characteristic desired for the goods or services being requested. Where a bidder attempts to submit an equivalent product for a brand name, it shall be the responsibility of the bidder to fully describe and document the product to be provided with the bid in order to establish the equivalence claim.

- A. If the Bidder proposes to offer substitute goods as an equal to those specified herein, the bidder shall so indicate with the Bid Proposal. For the purposes of this paragraph, a proposed item shall be considered equal to goods specified herein if:
  - 1. The County, in its sole discretion, determines that: (i) the goods conform substantially, even with deviations, to the brand name goods specified herein; (ii) the goods are

G-14 Revised: 2024.01.22 equal to or greater than the brand name goods specified herein in terms of quality, durability, functionality, appearance, strength and design; (iii) the goods are capable, at least as well as the brand name goods specified herein, or performing with existing equipment; and (iv) the goods do not cost the County more than the brand name goods specified herein costs the County.

- B. To offer substitute goods as an equal to those specified herein, it is necessary that:
  - The Bidder submits sufficient information with its bid to permit the County to determine that the goods are equivalent to the brand name goods specified herein, including, but not necessarily limited to the brand, catalog number and specifications/data sheets;
  - The Bidder fully identifies and describes the variations of the goods from the brand name goods specified herein on a separate sheet that is to be submitted with the bid proposal. Bidder's literature WILL NOT suffice in explaining exceptions to these specifications.
  - 3. The Bidder certifies that the goods (i) are similar in substance to the brand name goods specified, and (ii) are suited to the same use as the item specified;
- C. The County shall be allowed a reasonable time within which to evaluate the Bidder's proposal to offer substitute goods as an equal to those specified herein. The County shall be the sole judge of acceptability. No "or-equal" goods shall be ordered, delivered, assembled, set-up or utilized until the County's evaluation is complete. The County's determination as to equivalency shall be deemed final and absolute.

In the event the Bidder does not provide sufficient supporting documentation with the bid, it will be presumed and required that the brand name goods and services as described in the specifications will be provided.

#### 22. LINES AND GRADES

G-15 Revised: 2024.01.22 Normally, horizontal and vertical control points will be provided in the technical specifications. All other surveying will be the responsibility of the Contractor unless otherwise noted.

## 23. NUMBER OF WORKING DAYS

In accordance with N.J.S.A. 40A:11-17, the Work for the within Project shall be completed as specified on the Time of Completion Form. See form attached

There shall be taken a deduction from the contract price, or any wages paid by the County, to any inspector(s) necessarily employed by it on the Work, for any number of days in excess of the number allowed in the specifications.

# 24. PROMPT PAYMENT OF CONSTRUCTION CONTRACTS (NJ Prompt Payment Act)

Pursuant to N.J.S.A. 2A:30A-1 et seq., payment to the Contractor, other than for Work done pursuant to a contact allowance, where applicable, shall be processed and paid as follows:

- 1. All contractor bills shall be either approved for payment, or notice provided as to why the bill or any portion of it will not be approved by the representative(s) of the governing body no later than the public meeting following 20 calendar days of the billing date as defined in the statute.
- 2. If the billing is approved, said bill shall be paid in the payment cycle following the meeting.

#### 25. STOPPING WORK ON ACCOUNT OF BAD WEATHER

Work must only be performed in weather suitable for the type of construction planned or underway. Extremes in temperature, humidity, precipitation, evaporation, etc. can detrimentally affect the constructed product. Refer to the Standard and Technical Specifications for specific items.

# 26. ACCESS FOR OTHER CONTRACTORS

The Contractor for this Work will give proper access to other contractors who may be employed upon the Project and must not hinder or delay unnecessarily any Work that may be progressing under other contracts.

#### 27. CONDEMNED MATERIALS AND WORK

G-16 Revised: 2024.01.22 Any materials and or part of the Work that may be condemned by the County Engineer will be removed and replaced by the Contractor or otherwise rectified, as may be directed by the County Engineer. No payment will be made upon the Work until such faulty work has been made good as may be directed. In the event the Contractor refuses or neglects to make good such faulty work, he will be deemed to have abandoned the contract and proceedings may be taken against him as provided herein.

# 28. STORAGE

In the event that it is necessary for the Contractor to stockpile or store materials or equipment on the job site, the Contractor shall inform the County of such necessity and the County may offer available space, if any, for storage of such materials or equipment. The Contractor shall use said space only for such purpose. Any and all materials which may be stored in such space or which may be brought onto the job site at any time by the Contractor will be at the Contractor's sole risk. The County will not be responsible for loss of or damage to said materials or equipment for any cause whatsoever. The Contractor shall take necessary measures to protect any such storage area and shall be responsible for any and all damages.

#### 29. FINAL CLEAN UP

Upon completion of the Work, the Contractor will remove all equipment, unused materials, rubbish, etc., and will repair, or replace in an a manner acceptable to the County Engineer, all areas that may have been damaged in the prosecution of the Work. Same shall be a condition precedent to final payment. Should said Contractor fail to comply with this requirement, the County shall undertake the clean-up with its own forces and charge the cost of same against the Contractor's contract balance.

#### 30. SUB-LETTING OF WORK

Except for the List of Subcontractors, pursuant to N.J.S.A. 40A:11-16 (See form attached), no portion of the Work will be sublet by the Contractor to any other entities, except with the consent of the County Engineer. A complete list of subcontractors must be submitted to the County Engineer at the preconstruction meeting. If the job does not warrant a preconstruction meeting, the Contractor must submit such list prior to the start of Work.

All Subcontractors will be subject to N.J.S.A. 34:11-56 et al.

N.J.S.A. 40A:11-16 requires the bidder to list in the bid sheets the name or names of all subcontractors involved in the following types of Work: plumbing and gas fitting and all kindred work, steam and hot water heating, ventilating apparatus, steam power plants and kindred work, electrical work, ornamental iron work, and structural steel. In addition,

G-17 Revised: 2024.01.22 the County may require the identification of specific additional subcontractors. If these trades are expected to be part of the contract, such subcontractors should be listed on the "Subcontractor Identification Statement List of Subcontractors" and Bidder shall certify same on the accompanying sheet titled "Subcontractor Identification Certification". (See forms attached) **Bidder's failure to submit these two forms shall be considered a material defect and result in rejection of Bidder's bid.** Substitutions of any listed subcontractors pursuant to N.J.S.A. 40A:11-16 will not be permitted except with the consent of the County Engineer.

#### 31. SAFETY

The Contractor shall observe all rules and regulations of the Federal, State, and local health officials. Attention is directed to Federal, State, and local laws, rules, and regulations concerning construction safety and health standards. The Contractor shall not require any worker to work in surroundings or under conditions that are unsanitary, hazardous, or dangerous to the worker's health or safety.

The Contractor shall admit to the site, without delay and without the presentation of an inspection warrant, any inspector of OSHA or other legally responsible agency involved in safety and health administration upon presentation of proper credentials.

The Contractor shall make available to the Contractor's employees, subcontractors, the County Engineer, and the public, all information pursuant to OSHA 29 CFR Part 1926.59 of The Hazard Communication Standard 29 CFR 1910.1200, and shall also maintain a file on each job site containing all Material Safety Data Sheets (MSDS) for products in use at the Project. These Material Safety Data Sheets shall be made available to the Engineer upon request.

The Contractor shall at all times conduct the Work to provide for the safety and convenience of the general public and protection of persons and property. The safety provisions of applicable laws, OSHA regulations, building and construction codes, and the rules and regulations of the New Jersey Department of Labor and Workforce Development shall be observed.

## 32. QUALITY, SAFETY AND PERFORMANCE STANDARDS

All goods and services must be constructed and provided with the highest quality materials and workmanship. It is the intent of these specifications that only equipment equal to, or exceeding, the standard specified will be acceptable in order to protect the safety of the occupants of the Building.

#### 33. MATTERS NOT MENTIONED IN CONTRACT DOCUMENTS

Any Work, material, or method, not specifically described in these specifications, but shown upon the plans of the Work, will be carried out as shown on said plan.

#### 34. PERMITS

G-18 Revised: 2024.01.22 The Contractor will obtain all necessary permits required by law and provide the County with necessary approvals prior to commencement of permitted Work.

## 35. CONTRACTOR TO PROVIDE PROOF OF PAYMENT

Upon the completion of the Work, the Contractor will furnish a General Release as proof that all claims for labor, materials, etc., have been settled by the Contractor. The General Release, in a form acceptable to County Counsel, is a condition of final payment.

#### **36. CHANGE ORDERS**

The applicability of change orders and change order procedures shall comply with *N.J.S.A.* 40A:11-16.7 and *N.J.A.C.* 5:30-11.1 *et seq.*, "Change Orders and Open End Contracts".

#### **37. SUPPLEMENTAL WORK**

In case any supplemental work is necessary, it will be performed by the Contractor at a price fixed by agreement between the Contractor and the County Engineer and approved by the County as specified in Section 36. The Contractor will do no supplemental work on any character, for which the Contractor will demand pay, except upon the written order of the County.

#### 38. FORM OF CONTRACT

The Contract will be subject to all statutory provisions on the matter of Public Works, Public Contracts, The Law Against Discrimination, the Laws Governing Affirmative Action and Prevailing Rates of Wages under the laws of New Jersey.

The Agreements shall be executed by both parties not later than twenty-one (21) days from the date of the award by the County (Sundays and holidays excluded); however, such time frame may be extended by agreement of the parties.

## 39. PROGRESS PAYMENTS

Monthly progress payments will be made based on the value of labor and materials incorporated in the Work and of materials suitably stored at the site. An itemized schedule of values shall be submitted with each Application for Payment.

G-19 Revised: 2024.01.22 (Refer to the Owner/Contractor Agreement for Retainage and other conditions pertaining to payment and the application of N.J.S.A. 2A:30A-1 et seq.)

All Applications for Payment shall be accompanied by paid invoices for materials incorporated in the Work and for materials suitably stored at the site, and affidavit(s) by Subcontractors whose Work was included in the next to the last application to the effect such Work and such materials have been paid for.

No payment shall be made without Contractor having provided all submittals set forth in this Section, and the approval of same by the County.

For contracts exceeding \$100,000.00, monthly payments will be made on the Work to the extent of 98% of the value of the Work done which is considered to be retainage.

For contracts less than \$100,000.00, monthly payments will be on the Work to the extent of 90% of the value of the Work done. In lieu of the retainage, the Contractor will, at his option, deposit with the County Counsel negotiable bearer bonds of the State of New Jersey or any political subdivision thereof, equal to the amount otherwise withheld as retainage.

When the Project is completed, the final cost of the Project will be based on actual quantities of authorized Work done under each item scheduled in the bidding sheet and approved Change Orders, if any. The money due to the Contractor as determined by said final certificate after deduction of previous monthly payments on account, will be paid to the Contractor in accordance with the terms of the contract dealing with Prompt Payment, providing, however that before such final payment is made, all outstanding claims against the Contractor must be satisfied. Before final payment is released, the Contractor must furnish: a) Maintenance Bond (see Section 6 of these general specifications); b) Certification of Compliance, New Jersey Prevailing Wage Act (see Sections 21 and 51); and c) General Release (see Section 36) in a form satisfactory to County Counsel; d) complete set of as-built plans in the latest AutoCad on compact disc; and e) a complete set of in-progress photos in jpg, jpeg, or bmp digital format on a compact disc.

#### 40. INSPECTION

The Work must be done in accordance with the plans and specifications, and will be inspected by the County Engineer. An inspector may be placed upon the Work at any time by the County Engineer to see that the plans, specifications, and instructions of the County Engineer are carried out. In connection herewith, bidders are referred to N.J.S.A. 40A:11-17.

# 41. DAMAGES

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The Contractor will be held responsible for all damages that may occur to Work, or to persons or property by reason of the nature of the Work or from the elements, or by reason of inadequate protection of the Work, or from any carelessness or negligence on his part or on the part of his employees. The County will withhold payments on the Work until all suits or claims for damages sustained on, or by reason of, this Work will have been settled by the Contractor.

The construction and final completion of this Work will be guaranteed by the Contractor. Any damages that may be done to the Work or any part thereof, by the elements or otherwise, during its construction, will be made good by the Contractor.

## 42. LIQUIDATED DAMAGES

If the Project is not completed within the time specified herein or within such further time as may have been granted by the County Engineer, then the Contractor hereby agrees to pay to the County as liquidated damages, but not as a penalty, \$1,000.00 per day for each and every calendar day that he is in default on time to complete the Work. The said sum will be deducted from moneys due the Contractor and if the damages exceed this amount, then the Contractor or his Surety Company will pay the excess. These damages may be waived at the option of the County.

#### 43. AFFIRMATIVE ACTION REQUIREMENTS

(REVISED 01/2022)

#### **EXHIBIT B**

# MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE

N.J.S.A. 10:5-31 et seq. (P.L.1975, c.127)

N.J.A.C. 17:27-1.1 et seq.

#### **CONSTRUCTION CONTRACTS**

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional

or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer, pursuant to <u>N.J.S.A.</u> 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

When hiring or scheduling workers in each construction trade, the contractor or subcontractor agrees to make good faith efforts to employ minority and women workers in each construction trade consistent with the targeted employment goal prescribed by N.J.A.C. 17:27-7.2; provided, however, that the Dept. of LWD, Construction EEO Monitoring Program, may, in its discretion, exempt a contractor or subcontractor from compliance with the good faith procedures prescribed by the following provisions, A, B, and C, as long as the Dept. of LWD, Construction EEO Monitoring Program is satisfied that the contractor or subcontractor is employing workers provided by a union which provides evidence, in accordance with standards prescribed by the Dept. of LWD, Construction EEO Monitoring Program, that its percentage of active "card carrying" members who are minority and women workers is equal to or greater than the targeted employment goal established in accordance with N.J.A.C. 17:27-7.2. The contractor or subcontractor agrees that a good faith effort shall include compliance with the following procedures:

(A) If the contractor or subcontractor has a referral agreement or arrangement with a union for a construction trade, the contractor or subcontractor shall, within three business days of the contract award, seek assurances from the union that it will cooperate with the contractor or subcontractor as it fulfills its affirmative action obligations under this contract and in accordance with the rules promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et. seq., as supplemented and amended from time to time and the Americans with Disabilities

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Act. If the contractor or subcontractor is unable to obtain said assurances from the construction trade union at least five business days prior to the commencement of construction work, the contractor or subcontractor agrees to afford equal employment opportunities minority and women workers directly, consistent with this chapter. If the contractor's or subcontractor's prior experience with a construction trade union, regardless of whether the union has provided said assurances, indicates a significant possibility that the trade union will not refer sufficient minority and women workers consistent with affording equal employment opportunities as specified in this chapter, the contractor or subcontractor agrees to be prepared to provide such opportunities to minority and women workers directly, consistent with this chapter, by complying with the hiring or scheduling procedures prescribed under (B) below; and the contractor or subcontractor further agrees to take said action immediately if it determines that the union is not referring minority and women workers consistent with the equal employment opportunity goals set forth in this chapter.

- (B) If good faith efforts to meet targeted employment goals have not or cannot be met for each construction trade by adhering to the procedures of (A) above, or if the contractor does not have a referral agreement or arrangement with a union for a construction trade, the contractor or subcontractor agrees to take the following actions:
  - (l) To notify the public agency compliance officer, the Dept. of LWD, Construction EEO Monitoring Program, and minority and women referral organizations listed by the Division pursuant to <u>N.J.A.C.</u> 17:27-5.3, of its workforce needs, and request referral of minority and women workers;
  - (2) To notify any minority and women workers who have been listed with it as awaiting available vacancies;
  - (3) Prior to commencement of work, to request that the local construction trade union refer minority and women workers to fill job openings, provided the contractor or subcontractor has a referral agreement or arrangement with a union for the construction trade;
  - (4) To leave standing requests for additional referral to minority and women workers with the local construction trade union, provided the contractor or subcontractor has a referral agreement or arrangement with a union for the construction trade, the State Training and Employment Service and other approved referral sources in the area;
  - (5) If it is necessary to lay off some of the workers in a given trade on the construction site, layoffs shall be conducted in compliance with the equal employment opportunity and nondiscrimination standards set forth in this regulation, as well as with applicable Federal and State court decisions;

- (6) To adhere to the following procedure when minority and women workers apply or are referred to the contractor or subcontractor:
  - (i) The contactor or subcontractor shall interview the referred minority or women worker.
  - (ii) If said individuals have never previously received any document or certification signifying a level of qualification lower than that required in order to perform the work of the construction trade, the contractor or subcontractor shall in good faith determine the qualifications of such individuals. The contractor or subcontractor shall hire or schedule those individuals who satisfy appropriate qualification standards in conformity with the equal employment opportunity and non-discrimination principles set forth in this chapter. However, a contractor or subcontractor shall determine that the individual at least possesses the requisite skills, and experience recognized by a union, apprentice program or a referral agency, provided the referral agency is acceptable to the Dept. of LWD, Construction EEO Monitoring Program. If necessary, the contractor or subcontractor shall hire or schedule minority and women workers who qualify as trainees pursuant to these rules. All of the requirements, however, are limited by the provisions of (C) below.
  - (iii) The name of any interested women or minority individual shall be maintained on a waiting list, and shall be considered for employment as described in (i) above, whenever vacancies occur. At the request of the Dept. of LWD, Construction EEO Monitoring Program, the contractor or subcontractor shall provide evidence of its good faith efforts to employ women and minorities from the list to fill vacancies.
  - (iv) If, for any reason, said contractor or subcontractor determines that a minority individual or a woman is not qualified or if the individual qualifies as an advanced trainee or apprentice, the contractor or subcontractor shall inform the individual in writing of the reasons for the determination, maintain a copy of the determination in its files, and send a copy to the public agency compliance officer and to the Dept. of LWD, Construction EEO Monitoring Program.
  - (7) To keep a complete and accurate record of all requests made for the referral of workers in any trade covered by the contract, on forms made available by the Dept. of LWD, Construction EEO Monitoring Program and submitted promptly to the Dept. of LWD, Construction EEO Monitoring Program upon request.

(C) The contractor or subcontractor agrees that nothing contained in (B) above shall preclude the contractor or subcontractor from complying with the union hiring hall or apprenticeship policies in any applicable collective bargaining agreement or union hiring hall arrangement, and, where required by custom or agreement, it shall send journeymen and trainees to the union for referral, or to the apprenticeship program for admission, pursuant to such agreement or arrangement. However, where the practices of a union or apprenticeship program will result in the exclusion of minorities and women or the failure to refer minorities and women consistent with the targeted county employment goal, the contractor or subcontractor shall consider for employment persons referred pursuant to (B) above without regard to such agreement or arrangement; provided further, however, that the contractor or subcontractor shall not be required to employ women and minority advanced trainees and trainees in numbers which result in the employment of advanced trainees and trainees as a percentage of the total workforce for the construction trade, which percentage significantly exceeds the apprentice to journey worker ratio specified in the applicable collective bargaining agreement, or in the absence of a collective bargaining agreement, exceeds the ratio established by practice in the area for said construction trade. Also, the contractor or subcontractor agrees that, in implementing the procedures of (B) above, it shall, where applicable, employ minority and women workers residing within the geographical jurisdiction of the union.

After notification of award, but prior to signing a construction contract, the contractor shall submit to the public agency compliance officer and the Dept. of LWD, Construction EEO Monitoring Program an initial project workforce report (Form AA-201) electronically provided to the public agency by the Dept. of LWD, Construction EEO Monitoring Program, through its website, for distribution to and completion by the contractor, in accordance with N.J.A.C. 17:27-7. The contractor also agrees to submit a copy of the Monthly Project Workforce Report once a month thereafter for the duration of this contract to the Dept. of LWD, Construction EEO Monitoring Program, and to the public agency compliance officer.

The contractor agrees to cooperate with the public agency in the payment of budgeted funds, as is necessary, for on-the-job and/or off-the-job programs for outreach and training of minorities and women. (D) The contractor and its subcontractors shall furnish such reports or other documents to the Dept. of LWD, Construction EEO Monitoring Program as may be requested by the Dept. of LWD, Construction EEO Monitoring Program from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Dept. of LWD, Construction EEO Monitoring Program for conducting a compliance investigation pursuant to N.J.A.C. 17:27-1.1 et seq.

#### 44. INVESTMENT ACTIVITIES IN IRAN

G-25 Revised: 2024.01.22 Pursuant to N.J.S.A. 52:32-55 et seq., prohibits State and local public contracts with persons or entities engaging in certain investment activities in energy or finance sectors of Iran.

#### 45. NON-INVOLVEMENT ACTIVIES IN RUSSIA OR BELARUS

Pursuant to N.J.S.A. 52:32-60.1 et seq., Pursuant to N.J.S.A. 52:32-60.1, et seq. (L. 2022, c. 3) any person or entity (hereinafter "Vendor") that seeks to enter into or renew a contract with a State agency for the provision of goods or services, or the purchase of bonds or other obligations, must complete the certification below indicating whether or not the Vendor is identified on the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list, available here:

https://sanctionssearch.ofac.treas.gov/. If the Department of the Treasury finds that a Vendor has made a certification in violation of the law, it shall take any action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

# 46. COMPLIANCE WITH THE PUBLIC WORKS CONTRACTOR REGISTRATION ACT - (N.J.S.A. 34:11-56.48 et. seq.)

Pursuant to the above-referenced law, Bidders are required to be registered with the New Jersey Department of Labor and Workforce Development and to possess a current certificate by said Department indicating compliance with the Act prior to the time and date that bids are received. Bidders are notified of this requirement of their compliance. Such certificates or applications shall also be provided for each Subcontractor furnishing plumbing and gas fitting, steam and hot water heating and ventilating apparatus, and all kindred work, steam power plants and kindred work, electrical work, structural steel and ornamental iron work, and such other subcontractors as the specifications require relative to prior identification.

#### 47. UTILITIES

Attention of the bidder is directed to the fact that the approximate locations of known utility structures and facilities that may be encountered within and adjacent to the limits of the Work are shown on the plans and described herein. The accuracy and completeness of this information is not guaranteed by the County Engineer and the bidder is advised to ascertain for himself all the facts concerning the location of these and other utilities.

G-26 Revised: 2024.01.22 The Contractor will not proceed with his Work until he has made diligent inquiries of all public utility and municipal officials to determine the exact location of all-underground structures and pipes within the site of the Project. The Contractor will notify utility owners not less than ten (10) days in advance of the time he proposes to perform any Work that will endanger or affect their facilities in compliance with **New Jersey One-Call**. In excavating in any part of the Work, care must be taken not to remove or damage any gas, water, sewer, or other pipe, conduit, or structure, - public or private - without the concurrence of the owner and the County Engineer. The Contractor will, at his own expense, shore up, secure and maintain a continuous flow in such structures, and will keep them in repair until final acceptance of the Work.

When pipes or other structures are encountered or when the removal, relocation or protection of these utilities are necessary in carrying out the Project as planned, the Contractor will cooperate with the owner of said utilities and will permit the owners or their agents access to the site of the Work in order to relocate or protect their facilities and not hinder or delay unnecessarily the Work of the owners in moving same. No extra allowance of payment will be made to the Contractor for the use of any materials, equipment, etc., or for the performance of any Work in connection with the moving of said structures unless the Contractor is specifically ordered by the County Engineer to furnish such materials, equipment, or services. If directed by the County Engineer to do any Work or furnish any materials or equipment, payment will be allowed the Contractor in accordance with the unit prices bid for such Work, or, if such items are not scheduled in the proposal, such Work shall be allowed "Supplemental Work" as provided in Section 39 of these general specifications. The corporations, companies, agencies or municipalities owning or controlling the utilities, and the name, and telephone numbers are listed in the beginning of the Technical Specifications.

#### 48. MATERIAL COMPLIANCE AND SHOP DRAWINGS

The Contractor will require the manufacturer or supplier to furnish three (3) copies of Certification of Compliance with each delivery of materials, components and manufactured items for the Project. Two (2) copies will be furnished to the County Engineer; one copy will be retained by the Contractor. Certificates of Compliance will contain the following information:

- 1. Project to which material is consigned;
- 2. Name of the Contractor to which the material is supplied;
- 3. Kind of material supplied;
- 4. Quantity of material represented by the Certificate;
- Means of identifying the consignment, such as label marking, seal number, etc.:
- Date and method of shipment;
- 7. That the material is in conformity with the pertinent specifications stated in the certificate; and

8. Signature of a person having legal authority to bind the supplier.

The Contractor will submit to the County Engineer for his approval five (5) copies of complete and fully detailed shop or working drawings for those items listed in the beginning of the technical specifications.

Each drawing will identify the name of the job, location and Contractor.

All drawings will be approved in accordance with the standard specifications. Refer to the Technical Specifications for specific items.

All materials or articles used in the Work will be of American manufacture, insofar as same are available, in conformance with N.J.S.A. 40A:11-18.

#### 49. PRECONSTRUCTION

In order to provide full coordination of this Project among the parties concerned, the County Engineer will arrange for a preconstruction meeting between the Contractor, County Engineer and other interested parties as soon as possible after the contract is executed. At this meeting the Contractor will present his proposed schedule of Work which shall be subject to review and approval of the County through its designated representatives.

#### **50. DISPUTES UNDER THE CONTRACT**

A dispute arising under the Contract shall be submitted in writing to the County Engineer with all facts and supporting data. The County Engineer will review the dispute and issue his decision or request additional facts or documentation after which he will render his decision.

In the event the dispute is not then resolved, the matter shall, pursuant to law, be submitted to mediation before being submitted to a court of competent jurisdiction venued in Union County.

The County Engineer will notify the County Counsel when a matter is to be submitted to mediation. The County Counsel will communicate with the parties and inform them of the procedures to be followed in making such a submission.

#### 51. CONTRACTOR BUSINESS REGISTRATION CERTIFICATE

Pursuant to N.J.S.A. 52:32-44, the County of Union is prohibited from entering into a contract with an entity unless the bidder/proposer/contractor, and each subcontractor that is required by law to be named in a bid/proposal/contract has a valid Business

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Registration Certificate on file with the Division of Revenue and Enterprise Services within the Department of the Treasury.

Prior to contract award or authorization, the contractor shall provide the County of Union with its proof of business registration and that of any named subcontractor(s).

Subcontractors named in a bid or other proposal shall provide proof of business registration to the bidder, who in turn, shall provide it to the County of Union prior to the time a contract, purchase order, or other contracting document is awarded or authorized.

Proof of registration must show that the bidder was in fact registered with the State of New Jersey Department of the Treasury, Division of Revenue and obtained the business registration prior to the receipt of bids. If subcontractors are named on the bid, proof of the business registration for each must be provided prior to the award of a contract. Similarly, to the bidder, the proof must show that each subcontractor was registered with the State of New Jersey Department of the Treasury, Division of Revenue and obtained the business registration prior to the receipt of bids.

During the course of contract performance:

- 1) the contractor shall not enter into a contract with a subcontractor unless the subcontractor first provides the contractor with a valid proof of business registration.
- the contractor shall maintain and submit to the County of Union a list of subcontractors and their addresses that may be updated from time to time.
- 3) the contractor and any subcontractor providing goods or performing services under the contract, and each of their affiliates, shall collect and remit to the Director of the Division of Taxation in the Department of the Treasury, the use tax due pursuant to the Sales and Use Tax Act, (N.J.S.A. 54:32B-1 et seq.) on all sales of tangible personal property delivered into the State. Any questions in this regard can be directed to the Division of Taxation at (609)292-6400. Form NJ-REG can be filed online at

http://www.state.nj.us/treasury/revenue/busregcert.shtml.

Before final payment is made under the contract, the contractor shall submit to the County of Union a complete and accurate list of all subcontractors used and their addresses.

Pursuant to N.J.S.A. 54:49-4.1, a business organization that fails to provide a copy of a business registration as required, or that provides false business registration information, shall be liable for a penalty of \$25 for each day of violation, not to exceed \$50,000, for each proof of business registration not properly provided under a contract with a contracting agency.

52. BID PROTEST - LEGAL FEES AND COSTS

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In the event a Bidder unsuccessfully challenges a Bid Submission by filing an action in a court of law concerning same, said Bidder shall be responsible for payment of reasonable legal costs and fees incurred by the County relating to said protest.

## 53. AMERICAN GOODS AND PRODUCTS WHERE POSSIBLE

Bidder shall comply with the requirements of N.J.S.A. 40A:11-18 and use only manufactured and farm products of the United States, wherever available, for the Project.

#### 54. NEW JERSEY PAY-TO-PLAY REQUIREMENTS

This Contract is required by law to be publicly advertised for bids. As such, lists of political contributions pursuant to N.J.S.A. 19:44A-1 et seq. are NOT REQUIRED to be provided with the bids.

#### 55. STATEMENT OF EQUIPMENT TO BE USED IN CONSTRUCTION

Pursuant to N.J.S.A. 40A:11-20 entitled Certificate of Bidder Showing Ability to Perform Contract, the County requires a Certification from all bidders submitting a bid showing that the Bidder owns, leases, or controls all necessary equipment required by the Project Plans and Specifications. All bidders shall provide this information at the time of the bid opening using the attached form entitled, "CERTIFICATE OF BIDDER SHOWING ABILITY TO PERFORM CONTRACT".

If the Bidder is not the actual owner of the equipment, it shall state the source from which the equipment will be obtained and shall attach a certificate from the owner or person in control of the equipment demonstrating that the equipment owner has granted the Bidder control of the requisite equipment during such time as may be necessary for completion of the portion of the contract for which the equipment is necessary.

# 56. NEW JERSEY SALES AND USE TAX REQUIREMENTS,

Contractors are required to comply with the following:

New Jersey Sales and Use Tax Requirements: All contractors with subcontractors, or any of their affiliates, who enter into contracts for the provision of goods or services with or for New Jersey local government entities, are required to collect and remit to the New Jersey Director of Taxation in the Department of the Treasury the use tax due on all of their sales of tangible personal property delivered into the State of New Jersey pursuant to the "Sales and Use Tax Act," (N.J.S.A. 54:32B-1 et seq.), regardless of whether the tangible personal property is intended for a contract with the contracting agency. This tax shall be remitted for the term

G-30 Revised: 2024.01.22 of the Contract.

For purposes herein "affiliate" shall mean any entity that: (a) directly, indirectly, or constructively controls another entity, (b) is directly, indirectly, or constructively controlled by another entity, or (c) is subject to the control of a common entity. For purposes of the immediately preceding sentence, an entity controls another entity if it owns, directly or indirectly, more than fifty percent (50%) of the ownership interest in that entity. NJSA 52:32-44(g)(3).

#### 57. RESOLUTION NO. 2014-408

WHEREAS, the County of Union recognizes there is a need to ensure that all work on significant public construction and maintenance contracts is performed by responsible, qualified firms that maintain the capacity, expertise, personnel, and other qualifications and resources necessary to successfully perform public contracts in a timely, reliable, and cost-effective manner; and

WHEREAS, in order to effectuate the purpose of selecting responsible contractors for significant public contracts and to protect Union County's capital investments in such contracts prospective contractors and subcontractors should be required to meet pre-established, clearly-defined, minimum standards relating to contractor responsibility, including retirements and criteria concerning qualifications, competency) expertise, adequacy of resources, including equipment, financial and personnel, and satisfactory records regarding past project performance, safety, legal compliance and business integrity; and

**WHEREAS,** the County has a compelling interest in assuring that its Public Works Projects meet the highest standard of safety and quality; and

WHEREAS, due to the critical impact that skilled construction craft labor has on public works projects, and due to the limited availability of skilled construction craft labor and imminent craft labor skill shortages, it is necessary to require contractors and subcontractors to participate in established, formal apprenticeship training programs for the purpose of both promoting successful project delivery and ensuring future workforce development; and

WHEREAS, an apprenticeship program is a structured system of training designed to prepare individuals for occupations and lifelong careers in skilled trades and crafts by providing a wage-paying job that incorporates extensive workplace and classroom training under the supervision of experienced workers, in preparation for highly skilled occupations; and

**WHEREAS,** apprenticeship programs are a critical component in public safety, by ensuring that workers on public projects are properly trained, able, competent and capable craftsmen, and provide assurance of compliance with the County's bid specifications and achieve high quality standards; and

**WHEREAS,** for an apprenticeship program to be fully effective, the public and private sectors must recognize its value and commit to supporting its mission; and

WHEREAS, Union County has long recognized the value of apprenticeship programs through its support of the Union County Vocational-Technical Schools, which offer training programs to help ensure that Union County will continue to produce a skilled and educated work force in the trade specialties, and thus, strengthen Union County's economy by fostering the development of highly paid trade and craft careers; and

WHEREAS, the use of apprenticeship programs or apprenticeship trained employees on Union County Public Works Projects will serve the dual goal of providing the County with assurance that its public works projects are completed with a well-trained workforce, in a highly skilled and timely fashion, while creating opportunities for careers in the skilled trades and craft industry for County residents; and

**WHEREAS,** the County of Union also recognizes that it is beneficial to their employees to utilize fair business, employment, and training practices that have a positive impact on local communities affected by such contracts:

NOW, THEREFORE, BE IT RESOLVED by the Board of Chosen Freeholders of the County of Union as follows:

- 1. The County of Union shall require compliance with the provisions of this Resolution by business entities seeking to provide services to the County of Union as specified herein. The requirements of this Resolution are intended to supplement, not replace, existing contractor qualifications and performance standards or criteria currently required by law, public policy or contracting documents, including but not limited to Union County's DPMC classification and Project Labor Agreement policies
- 2. All contractors and subcontractors that perform significant work on any public facility or public works project, including construction, alteration, renovation, repair, service, or maintenance work, shall meet the requirements of this Resolution. For purposes of this Resolution, the

G-32 Revised: 2024.01.22 term "significant work" shall be defined as any work or activity covered under the New Jersey Prevailing Wage Act, N.J.S.A. 34:11-56.25 et seq.

- 3. All firms engaged in contracts covered by this Resolution shall be qualified responsible contractors or subcontractors that have sufficient capabilities in all respects to successfully perform contracts on which they are engaged, including the necessary experience, equipment, technical skills and qualifications and organizational, financial and personnel resources. Firms bidding on public contracts shall also be required to have a satisfactory past performance record and a satisfactory record of legal compliance, integrity and business ethics. Compliance with these standards shall be established by compliance with the requirements set forth in paragraph 8 of this Resolution.
- 4. As a condition of performing work on public works contracts over the public works threshold, the general contractor shall provide certification that he and each subcontractor working on the project shall have at least one (I) employee who has successfully completed the OSHA 10-hour construction safety and health course. As a condition of performing work on public works contracts of \$500,000.00 or more total cost of project, the general contractor shall provide certification that each subcontractor working on the project shall have at least one (1) employee who has successfully completed the OSHA 30-hour construction safety and health course.
- 5. All contractors and subcontractors that perform significant work on any public facility or public works project shall be required to affirmatively provide evidence of and confirm compliance with proof of participation in an Apprenticeship Program currently registered and approved by the United States Department of Labor ("USDOL"), the New Jersey Department of Labor ("NJDOL") or any state having equal to or higher requirements as either the USDOL or NJDOL apprenticeship programs. Additionally, Apprenticeship Programs shall meet the criteria set forth in Section 8(i) of this Resolution.
- 6. As a condition of performing work on public works contracts subject to this Resolution, a general contractor seeking award of a contract shall submit a Contractor Responsibility Certification at the time it submits its bid for contract.
- 7. The Contractor Responsibility Certification shall be completed on a form provided by the Union County Purchasing Department and shall reference the project for which a bid is being submitted by name and contract or project number.

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- 8. In the Contractor Responsibility Certification, general contractors and subcontractors shall certify the following facts regarding their past performance and work history and its current qualifications and performance capabilities:
  - a. The firm has all valid, effective licenses, registrations or certificates required by federal, state, county, or local law, including, but not limited to, licenses, registrations, certificates required to: (1) do business in the designated locale; and (2) perform the contract work it seeks to perform. These shall include, but not be limited to, licenses, registrations or certificates for any type of trade work or specialty work, which the firm proposes to self-perform.
  - b. The firm meets the bonding requirements for the contract, as required by applicable law or contract specifications and any insurance requirements, as required by applicable law or contract specifications, including general liability insurance, workers compensation insurance and unemployment requirements.
  - c. The firm has not been debarred by any federal, state or local government agency or authority in the past three (3) years.
  - d. The firm has not defaulted on any project in the past three (3) years.
  - e. The firm has not had any type of business, contracting or trade license, registration, or other certification suspended or revoked in the past three (3) years.
  - f. The firm has not been cited and found guilty for a willful violation of federal or state safety laws in the past three (3) years.
  - g. The firm and/or its owners have not been convicted of any crime relating to the contracting business by a final decision of a court or government agency in the past three (3) years.
  - h. The firm will pay all craft employees that it employs on the project the current wage rates and benefits as required under applicable Federal or State prevailing wage laws.
  - i. The firm participates in an Apprenticeship Program that is

currently registered with the USDOL, the NJDOL or any state having equal to or higher requirements as either the USDOL or NJDOL apprenticeship programs, for each craft or trade in which it apprentices. The firm shall provide proof of meeting this qualification standard by submitting appropriate documentation as an attachment to this Certification. The firm shall continue to participate in applicable apprenticeship programs for the full duration of the contract work. The apprenticeship program in which the firm participates shall have graduated at least one (1) enrollee in each of the past three (3) years.

- 9. The County of Union may conduct any additional inquiries to verify that the prospective awardee and its subcontractors have the technical qualifications and performance capabilities necessary to successfully perform the contract and that the firms have a sufficient record of legal compliance and business integrity to justify the award of a public contract. In conducting such inquiries, the County of Union may seek relevant information from the firm, its prior clients or customers, its subcontractors or any other relevant source.
- 10. If any provision of this Resolution shall be held to be invalid or unenforceable by a court of competent jurisdiction, any such holding shall not invalidate any other provisions of this Resolution and all remaining provisions shall remain in full force and effect.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Chosen Freeholders of the County of Union that it hereby establishes and adopts the Responsible Contractor Policy, and it hereby authorizes the County Manager to sign any and all documents necessary to make said Policy effective immediately.

### **58. FEDERAL TERMS**

TERMS AND CONDITIONS APPLICABLE TO ALL CONTRACTS/PURCHASES FUNDED, IN WHOLE OR IN PART, BY FEDERAL FUNDS.

The provisions set forth below apply to all contracts funded, in whole or in part, by Federal funds as required by 2 CFR 200.317.

1. <u>CONTRACTING WITH SMALL AND MINORITY BUSINESSES, WOMEN'S BUSINESS ENTERPRISES, AND LABOR SURPLU</u>S AREA FIRMS

Pursuant to 2 CFR 200.321, the State must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible. Accordingly, if subawards are to be made the Contractor shall:

- (1) Include qualified small and minority businesses and women's business enterprises on solicitation lists:
- (2) Assure that small and minority businesses, and women's business enterprises are

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- solicited whenever they are potential sources;
- (3) Divide total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
- (4) Establish delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises; and,
- (5) Use the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

#### 2. DOMESTIC PREFERENCE FOR PROCUREMENTS

Pursuant to 2 CFR 200.322, where appropriate, the State has a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). If subawards are to be made the Contractor shall include a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). For purposes of this section:

- (1) "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
- (2) "Manufactured products" means items and construction materials composed in whole or in part of nonferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

### 3. PROCUREMENT OF RECOVERED MATERIALS

Where applicable, in the performance of contract, pursuant to 2 CFR 200.323, the contractor must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$ 10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

To the extent that the scope of work or specifications in the contract requires the contractor to provide recovered materials the scope of work or specifications are modified to require that as follows.

- In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired—
  - 1. Competitively within a timeframe providing for compliance with the contract performance schedule;
  - 2. Meeting contract performance requirements; or
  - 3. At a reasonable price.

- ii. Information about this requirement, along with the list of EPA- designated items, is available at EPA's Comprehensive Procurement Guidelines web site, https://www.epa.gov/smm/comprehensive- procurement-guideline-cpg-program.
- iii. The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act."

#### 4. EQUAL EMPLOYMENT OPPORTUNITY

Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." See, 2 CFR Part 200, Appendix II, para. C.

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:
  Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- (3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- (4) The contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his/her books, records, and

- accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

### 5. DAVIS-BACON ACT, 40 U.S.C. 3141-3148, AS AMENDED

When required by Federal program legislation, all prime construction contracts in excess of \$2,000 shall be done in compliance with the Davis-Bacon Act (40 U.S.C. 3141- 3144, and 3146-3148) and the requirements of 29 C.F.R. pt. 5 as may be applicable. The contractor shall comply with 40 U.S.C. 3141-3144, and 3146-3148 and the requirements of 29 C.F.R. pt. 5 as applicable. Contractors are required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. Additionally, contractors are required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

### 6. COPELAND ANTI-KICKBACK ACT

Where applicable, the Contractor must comply with Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States").

- a. Contractor. The Contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into the OGS centralized contract.
- b. Subcontracts. The Contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- c. Breach. A breach of the clauses above may be grounds for termination of the OGS centralized contract, and for debarment as a Contractor and subcontractor as provided in 29 C.F.R. § 5.12.

### 7. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT, 40 U.S.C. 3701-3708

Where applicable, all contracts awarded by the non-Federal entity in excess of \$ 100,000 that involve the employment of mechanics or laborers must comply with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5).

- (1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and onehalf times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the

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- sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.
- (3) Withholding for unpaid wages and liquidated damages. The unauthorized user shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.
- (4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

#### 8. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT

If the Federal award meets the definition of "funding agreement" under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

9. CLEAN AIR ACT, 42 U.S.C. 7401-7671Q, AND THE FEDERAL WATER POLLUTION CONTROL ACT, 33 U.S.C. 1251-1387, AS AMENDED

Where applicable, Contracts and subgrants of amounts in excess of \$150,000, must comply with the following:

Clean Air Act

- 1. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
- 2. The contractor agrees to report each violation to the Division of Purchase and Property and understands and agrees that the Division of Purchase and Property will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office
- 3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

#### Federal Water Pollution Control Act

1. The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

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- The contractor agrees to report each violation to the Division of Purchase and Property and understands and agrees that the Division of Purchase and Property will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- 3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

### 10. DEBARMENT AND SUSPENSION (EXECUTIVE ORDERS 12549 AND 12689)

- (1) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the contractor is required to verify that none of the contractor's principals (defined at 2 C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- (2) The contractor must comply with 2 C.F.R. pt. 180, subpart C and C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- (3) This certification is a material representation of fact relied upon by the State or authorized user. If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the State or authorized user, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- (4) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

### 11. BYRD ANTI-LOBBYING AMENDMENT, 31 U.S.C. 1352

Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

# 12. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

- (a) Recipients and subrecipients are prohibited from obligating or expending loan or grant funds to:
  - (1) Procure or obtain;
  - (2) Extend or renew a contract to procure or obtain; or
  - (3) Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115–232, section 889,

covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).

- (i) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
- (ii) Telecommunications or video surveillance services provided by such entities or using such equipment.
- (iii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

#### 13. CONTRACTS FOR MORE THAN THE SIMPLIFIED ACQUISITION THRESHOLD

Contracts for more than the simplified acquisition threshold, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

### 14. TERMINATION FOR CONVENIENCE PROVISION

All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal entity including the manner by which it will be effected and the basis for settlement.

#### 15. BONDING REQUIREMENTS

For construction or facility improvement contracts or subcontracts exceeding the Simplified Acquisition Threshold, the Federal awarding agency or pass-through entity may accept the bonding policy and requirements of the non-Federal entity provided that the Federal awarding agency or pass-through entity has made a determination that the Federal interest is adequately protected. If such a determination has not been made, the minimum requirements must be as follows:

- (a) A bid guarantee from each bidder equivalent to five percent of the bid price. The "bid guarantee" must consist of a firm commitment such as a bid bond, certified check, or other negotiable instrument accompanying a bid as assurance that the bidder will, upon acceptance of the bid, execute such contractual documents as may be required within the time specified.
- (b) A performance bond on the part of the contractor for 100 percent of the contract price. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's requirements under such contract.
- (c) A payment bond on the part of the contractor for 100 percent of the contract price. A "payment bond" is one executed in connection with a contract to assure payment as required by law of all persons supplying labor and material in the execution of the work provided for in the contract.

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Bidders name:	
Diaacis ilailic.	

# EDWARD T. OATMAN COUNTY MANAGER

# MICHELLE HAGOPIAN, ASSISTANT DIRECTOR DIRECTOR / DIVISION OF PURCHASING

# BID DOCUMENT SUBMISSION CHECKLIST ALL SIGNATURES AND SEALS SHALL BE ORIGINALS UNLESS OTHERWISE SPECIFIED BID SHEETS SHOULD NOT BE SUBMITTED DOUBLE SIDED PAGES, (SINGLE SIDE ONLY)

	ATE COMPLETED:
PL	EASE SUBMIT BID DOCUMENTS ON SINGLE SIDED PAPER ONLY, WITH THE EXCEPTION OF THE SURETY
A۱	ID BID BOND DOCUMENTS.
	ACCORDANCE WITH THE BID SPECIFICATIONS I HAVE REVIEWED, COMPLETED / EXECUTED AND INCLUDED IE FOLLOWING FORMS:
	Bid Form Page (Signed, Dated and Bid on all alternatives applicable to the Work).
	Security in the form of: Bid bond in an amount equal to 10% of the total amount of this bid not to exceed \$20,000.00; or Certified check or cashier's check in the amount of 10% of this bid not to exceed \$20,000.00
	Consent of Surety form signed by a Surety Company if the total amount of your Bid is over \$36,000.00.  If your bid is accepted, the Surety Company that provided the Consent shall be required to furnish a Performance, Labor and Materials Bond in the amount of 100% of the award of the contract.  The County of Union has provided its Consent of Surety form for your use. The use of this form by your Surety Company will expedite the bid review process and eliminate the possibility of having your bid rejected. If, however, you should need to use another form, please use language similar to that used on the Union County form and avoid making any additions or deletions to the Union County form language. In lieu of the Consent of Surety you may submit a Certified Check in the full amount of the bid.
	STATEMENT OF BIDDER OWNERSHIP. Pursuant to N.J.S.A. 52:25-24.2, which includes <b>BOTH</b> of the following documents:
	<ul> <li>Bidder Signature Page</li> <li>Bidder Disclosure Statement (Fill out 2 pages completely)</li> </ul>
	SUBCONTRACTOR IDENTIFICATION. Pursuant to N.J.S.A. 40A:11-16, which includes <b>BOTH</b> of the following documents:
	<ul> <li>Subcontractor Identification Statement: List of Subcontractors (only for certain types of work)</li> <li>Subcontractor Identification Certification</li> </ul>
	Acknowledgement of Addendum form: (This form is to be used only when an addendum has been added to the specifications).
	A copy of the State of New Jersey Department of the Treasury, Division of Revenue, <b>Business Registration Certificate ("BRC")</b> may be included with the bids to expedite the contract process because the bidder is required to provide the County of Union with its proof of business registration and that of any named subcontractor(s) prior to contract award or authorization.
	A copy of the State of New Jersey Department of the Treasury, Division of Revenue, <b>Business Registration Certificate ("BRC")</b> of all named or listed subcontractors (List of Subcontractors) in a  Construction bid may be included with the bid as the BRC(s) for each named or listed subcontractors in order to expedite the contract process. Subcontractors named in a bid or other proposal shall provide proof of business registration to the bidder, who in turn, shall provide it to the County of Union prior to the time a contract, purchase order, or other contracting document is awarded or authorized.

Bidders name:		

	_ Affirmative Action Requirement
	Experience Statement
	Certificate of Bidder showing ability to perform Contract
	Non-Collusion Affidavit – Fill out completely and notarize
	Certificates from New Jersey Department of Labor and Workforce Development – Public Works Contractor Registration Act. <b>(Only for certain types of work)</b>
	Federal Attachments (If applicable)
	NJDPMC Certificate / Notice of Classification (If applicable)
	Americans with Disabilities Act
	Statement of Bidder's Qualifications
	Contractor Performance Record
	Affidavit Regarding List of Debarred, Suspended or Disqualified Bidders
	Prior Negative Experience Questionnaire
	Contractor's Certification of Compliance – New Jersey Prevailing Wage Act
	Uncompleted Contracts Affidavit (For Bidder, if applicable) MUST ALSO PROVIDE DPMC FORM 701
	Certificate of Insurance Statement
	Collection of Use Tax on Sales to Local Government Statement
	Time of Completion
	Disclosure of Investment Activities in Iran
	Disclosure of Non-Involvement in Activities in Russia or Belarus
	Federal Non-Debarment Certification
	BYRD Anti-Lobbying Amendment Certification
	Certification regarding Lobbying
	Disclosure of Lobbying Activities (LLL Form)
I HAV	E TAKEN THE FOLLOWING ACTIONS:
	Visited the site and attended the Pre-Bid Meeting (Where applicable)
	Reviewed the Contract Documents (including any permits the County or its professionals may have obtained), Work, Site, Locality, and Local Conditions and Laws and Regulations that in any manner may affect Cost, Progress, Performance or Furnishing of Work.
	Reviewed Bond Requirements
	Provided Proof of Compliance with New Jersey Prevailing Wage Act

	Bidders name:
Reviewed Form of Owner/Contractor Agreement and General Con	nditions to the Contract

NOTE: QUESTIONS PERTAINING TO THIS BID ARE TO BE DIRECTED TO THE DIVISION OF PURCHASING AT <u>ucbids@ucnj.org</u>.

### **BIDDING DOCUMENTS**

The Bidding Documents consist of the following items:

- ADDENDA, if issued
- CLARIFICATIONS, if issued
- INSTRUCTION TO BIDDERS
- BID FORM
- SPECIFICATIONS: As outlined in the Table of Contents and included in the Project Manual.
- DRAWINGS: As per List of Drawings, indicated on the Project Title Sheet.

Bidders name:	

### **BID FORM**

I/We have carefully examined the plans, specifications, and advertisement for bid for the

Warinanco Park Tennis Courts Improvements Borough of Roselle, County of Union, New Jersey BA #41-2024; Union County Engineering Project #2023-012

that is on file in the Union County Division of Engineering. I/We have inspected the site of the work and will contract to do all the work and furnish all materials mentioned in said plans and specifications. Work will be accomplished in the manner prescribed therein.

### **BASE BID ITEMS:**

ITEM NO	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	AMOUNT
1	SOIL EROSION & SEDIMENT CONTROL MEASURES	LS	1		
2	CLEARING SITE	LS	1		
3	EARTHWORK	LS	1		
4	DENSE-GRADED AGGREGATE BASE COURSE, 4" THICK	SY	85		
5	DENSE-GRADED AGGREGATE BASE COURSE 6" THICK	SY	3660		
6	HOT MIX ASPHALT 4.75L64 SURFACE COURSE, 1.5" THICK	TON	325		
7	HOT MIX ASPHALT 19M64 BASE COURSE, 2.5" THICK	TON	530		
8	TACK COAT	GAL	550		
9	RESET EXISTING CASTING	UN	1		
10	CHAIN LINK FENCE, PVC-COATED STEEL, 10' HIGH, BLACK	LF	780		
11	GATE, CHAIN-LINK FENCE, PVC- COATED STEEL, 4' WIDE	UN	2		
12	GATE, CHAIN-LINK FENCE, PVC- COATED STEEL, 10' WIDE	UN	1		
13	ACOUSTIFENCE PANELS	LF	330		
14	CONCRETE SIDEWALK, 4" THICK	SY	85		
15	CONCRETE PAD, REINFORCED, 6" THICK	SY	45		
16	ACRYLIC COURT RESURFACER (2 COATS), COLOR COATING (2 COATS) AND LINE STRIPING	SY	3615		
17	PICKLEBALL/TENNIS NET SYSTEM, COMPLETE	UN	5		
18	PLAYERS BENCH	UN	10		
19	THUJA X 'GREEN GIANT', GREEN GIANT ARBORVITAE, 8-10' HT, B&B	UN	13		
20	TOPSOIL, SPREADING, 5" THICK	SY	640		
21	FERTILIZING & SEEDING, TYPE A-3	SY	640		

	Bidders name:
TOTAL BASE BID AMOUNT:	
Written	Figures
BID CONTINGENCY: (To be used if and when directed by the Co	unty) \$50,000.00
Written	Figures
TOTAL BASE BID ITEMS PLUS BID CONTINGENCY AMOUNT:	
Written	Figures

NOTE: Bid Contingency may include one-half of one percent of contract amount set aside for local training if and when directed by the County.

Bidders name:	

# CONSENT OF SURETY TO ACCOMPANY PROPOSAL (BID)

	(hereinafter	called	Surety),	organized	and	existing	under	the	laws	of f	the	State	of
dı	uly authorize	ed and c	ualified to	transact bu	usiness	s in the S	tate of I	New J	ersey,	in co	nsid	eration	ı of
the sum of One Dollar (\$1.0	00), lawful m	noney of	f the Unite	ed States of	Ameri	ca, to it i	n hand	paid,	receipt	whe	reof	is here	eby
acknowledged, and in consi	deration, he	reby cei	rtifies and	agrees that	if the c	contract fo	or which	the a	ittache	d pro	posa	al is ma	ade
be awarded to		_ (hereir	nafter calle	ed Contracto	or) for t	he perfor	mance	of cer	tain wo	ork ar	nd lal	bor or	the
supplying of certain materia	als, or both,	as mor	e particul	arly set fortl	n in sa	id propo	sal and	desc	ribed f	or pu	rpos	es of t	his
instrument as a proposal fo	or			to the COU	NTY C	F UNIO	N and if	Cont	ractor	shall	ente	r into	the
contract, Surety will become	e bound as	surety f	or its faith	ful performa	ance, l	abor and	materia	al pay	ment a	and w	ill pr	ovide 1	the
Contractor with a performar	าce, labor ar	nd mate	rial payme	ent bond in t	he full	amount o	of the co	ontrac	t price				
NOTE: Expiration date	NAME	OF INS	URANCE	COMPAN	<u>'</u>								
Needed if Annual Surety													
		· · · · · · · · · · · · · · · · · · ·					<del></del>						
	ORIGI	NAL SIG	SNATURI	<u> </u>				-					
	ATTOF	RNFY-IN	N-FACT F	OR INSUR	ANCE	CO							

NOTE: PROOF OF AUTHORITY OF OFFICERS OF SURETY COMPANY TO EXECUTE THIS DOCUMENT MUST BE SUBMITTED.

Bidders	name:		

### **BIDDER SIGNATURE PAGE**

THE BIDDER MUST READ THE FOLLOWING INSTRUCTIONS TO COMPLETE THIS PAGE:

- 1. If doing business under a <u>trade name, partnership or a sole proprietorship</u>, you must submit the bid under exact title of the trade name, partnership, or proprietorship, and the bid must be signed by either the <u>owner</u>, or a <u>partner</u> and <u>witnessed</u> by a <u>notary public</u>.
- 2. If a <u>Corporation</u>, the bid must be signed by the <u>President</u> or <u>Vice President</u> and <u>witnessed</u> by a <u>Corporate Secretary</u> (corporate title must be exact) and <u>affix corporate seal</u>. If a Corporate Secretary does not exist, President or Vice President's signature shall be witnessed by a Notary Public.
- 3. Other persons <u>authorized</u> by <u>corporate resolution</u> to execute agreements in its behalf may also sign the bid documents (pages). <u>Copy of a resolution must accompany the bid</u>.
- 4. The person who signs this bid form **must also** sign the **Non-Collusion Affidavit**.
- 5. You <u>cannot</u> witness your own signature.

		NAME OF BIDDER
ORIGINAL SIGNATURE CORPORATE SECRETARY		ADDRESS OF BIDDER
PRINT NAME AND TITLE CORPORATE SECRETARY		TEL: FAX: E-Mail:
	BY:	ORIGINAL SIGNATURE
Corporate Seal		
		PRINT OR TYPE NAME AND TITL

WARNING: IF YOU FAIL TO FULLY, ACCURATELY, AND COMPLETELY SUPPLY THE INFORMATION REQUESTED ON THIS PAGE, YOUR BID MAY BE REJECTED.

Bidders name:	

## STATEMENT OF OWNERSHIP DISCLOSURE

N.J.S.A. 52:25-24.2 (P.L. 1977, c.33, as amended by P.L. 2016, c.43)

This statement shall be completed, certified to, and included with all bid and proposal submissions. Failure to submit the required information is cause for automatic rejection of the bid or proposal.

<u>Name</u>	of Organization:	
<u>Orgar</u>	nization Address:	
Part	I Check the box that represents t	he type of business organization:
□ so	ole Proprietorship (skip Parts II and II	I, execute certification in Part IV)
$\square_{N^{C}}$	on-Profit Corporation (skip Parts II ar	nd III, execute certification in Part IV)
$\square_{F^{c}}$	or-Profit Corporation (any type)	Limited Liability Company (LLC)
<b>□</b> Pa	artnership Limited Partnersh	nip Limited Liability Partnership (LLP)
Ot	ther (be specific):	<del>-</del>
Part	The list below contains the names own 10 percent or more of its stoo	and addresses of all stockholders in the corporation who k, of any class, or of all individual partners in the partnership nterest therein, or of all members in the limited liability
		r greater interest therein, as the case may be. (COMPLETE
	individual partner in the partnershi	tion owns 10 percent or more of its stock, of any class, or no ip owns a 10 percent or greater interest therein, or no pany owns a 10 percent or greater interest therein, as the ')
(Pleas	e attach additional sheets if more space is	needed):
Name	e of Individual or Business Entity	Address

# <u>Part III</u> DISCLOSURE OF 10% OR GREATER OWNERSHIP IN THE STOCKHOLDERS, PARTNERS OR LLC MEMBERS LISTED IN PART II

If a bidder has a direct or indirect parent entity which is publicly traded, and any person holds a 10 percent or greater beneficial interest in the publicly traded parent entity as of the last annual federal Security and Exchange Commission (SEC) or foreign equivalent filing, ownership disclosure can be met by providing links to the website(s) containing the last annual filing(s) with the federal Securities and Exchange Commission (or foreign equivalent) that contain the name and address of each person holding a 10% or greater beneficial interest in the publicly traded parent entity, along with the relevant page numbers of the filing(s) that contain the information on each such person. Attach additional sheets if more space is needed.

Website (URL) containing the last annual SEC (or foreign equivalent) filing	

Please list the names and addresses of each stockholder, partner or member owning a 10 percent or greater interest in any corresponding corporation, partnership and/or limited liability company (LLC) listed in Part II other than for any publicly traded parent entities referenced above. The disclosure shall be continued until names and addresses of every noncorporate stockholder, and individual partner, and member exceeding the 10 percent ownership criteria established pursuant to N.J.S.A. 52:25-24.2 has been listed. Attach additional sheets if more space is needed.

Stockholder/Partner/Member and Corresponding Entity Listed in Part II	Address

### Part IV Certification

I, being duly sworn upon my oath, hereby represent that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I acknowledge: that I am authorized to execute this certification on behalf of the bidder/proposer; that the *County of Union* is relying on the information contained herein and that I am under a continuing obligation from the date of this certification through the completion of any contracts with *County of Union* to notify the *County of Union* in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I am subject to criminal prosecution under the law and that it will constitute a material breach of my agreement(s) with the, permitting the *County of Union* to declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print)	Title:	
Signature:	Date:	

Bidders name:	

# SUBCONTRACTOR IDENTIFICATION STATEMENT LIST OF SUBCONTRACTORS

This form is ONLY required for plumbing and gas fitting, steam and hot water heating and ventilating apparatus, steam power plants, electrical work, structural steel, ornamental iron work, and any other trades required to be identified by the specifications (including, but not limited, to satisfying any DPMC Classification requirements).

following subcontractors:		
·	Subcontract Amount: \$	
License No.	_	
Company Name:		
Address:		•
Telephone:	Subcontract Amount: \$	
License No.	_	
Company Name:		
Address:		
Telephone:	Subcontract Amount: \$	
Specific Scope of Work Subcontracted:		
License No.		
IF MORE THAN THREE SUBCONTRA BID PACKAGE.	CTORS, PLEASE COPY THIS SHEET AS NECE	SSARY AND ATTACH TO THE
(Continued on following page)		

B - 10

### SUBCONTRACTOR IDENTIFICATION CERTIFICATION

Note the law does not permit the listing of alternate subcontractors. However, multiple subcontractors for the same trade are permitted to be named provided the bidder meets the following requirements:

- Bidder identifies each subcontractor named for that category;
- Bidder states the scope of work, goods and services (the portion of the work) to be performed by each subcontractor; and
- Bidder provides the price quote provided by each subcontractor.

The bidder is advised that any change of subcontractor(s) from ones listed herein is subject to the County's approval. Change of subcontractor(s) will be approved only if made for good cause and not as a result of an arbitrary purpose.

The undersigned Bidder certifies and declares that the subcontractors listed above shall be used as subcontractors to complete certain portions of the work in this project as set forth in N.J.S.A. 40A: 11-16.

Witness		NAME OF BIDDER
Date		
		ADDRESS
	Ву:	
		ORIGINAL SIGNATURE ONLY
		PRINT NAME AND TITLE

Bidders name:	
Diducis Haille.	

### **ACKNOWLEDGMENT OF ADDENDUM**

### **COUNTY OF UNION**

(Name of Construction /Public V	Vorks Project) (Project	t or Bid Number)	
Pursuant to N.J.S.A. 40A:11-23.1a revisions, or addenda to the bid ac acknowledges the submitted bid take of Union's record of notice to bidders may be subject for rejection of the bi	dvertisement, specifications or les into account the provisions of shall take precedence and that fid.	oid documents. By indicate he notice, revision or adde ailure to include provisions	iting date of receipt, bidder ndum. Note that the County
Local Unit Reference Number or Title of Addendum/Revision	How Received (mail, fax, pic up, etc.)	c- Date Received	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
ACKNOWLEDGMENT BY BIDDER	:		
NAME OF BIDDER:		····	
ORIGINAL SIGNATURE:			
PRINTED NAME AND TITLE:			

DATE: \_\_\_\_\_

<b>Bidders</b>	nama		
bluders	name:		

### **CONTRACTOR BUSINESS REGISTRATION CERTIFICATE**

New Mandatory Requirement - Effective 1/18/2010

The recently enacted **P.L. 2009, c.315**, requires that effective January 18, 2010; a contracting agency must receive proof of the bidder's business registration prior to the award of a contract. However, the proof must show that the bidder was in fact registered with the State of New Jersey Department of the Treasury, Division of Revenue and obtained the business registration prior to the receipt of bids.

If subcontractors are named on the bid, proof of the business registration for each subcontractor must be provided prior to the award of bid. Similarly to the bidder, the proof must show that each subcontractor was registered with the State of New Jersey Department of the Treasury, Division of Revenue and obtained the business registration prior to the receipt of bids.

Proof of business registration shall be

	A copy of a Business Registration Certificate issued by the Department of the Treasury, Division of Revenue;
or	
	A copy of the web version provided by the NJ Division of Revenue, or

Register online at www.nj.gov/treasury/revenue/taxreg.htm. Click the "online" link and then select "Register for Tax and Employer Purposes or call the Division at 609-292-1730.

Note: A NJ Certificate of Authority is not acceptable.

**FAILURE** to submit proof of registration of the bidder or any subcontractor named on the bid prior to the award of a contract shall be cause to reject the bids.

**FAILURE** of the bidder or any subcontractor named on the bid to be <u>registered</u> prior to the receipt of bids is cause for a **MANDATORY REJECTION** of bids. (A NON-WAIVABLE DEFECT). This covers construction work as well as non-construction bids.

#### IN ADDITION:

The contractor shall provide written notice to all **subcontractors and suppliers** not specifically named on the bid of the responsibility to register and submit proof of business registration to the contractor. The requirement of proof of business registration extends down through all levels (tiers) of the project.

Before final payment on the contract is made by the contracting agency, the contractor shall submit an accurate list and the proof of business registration of each subcontractor or supplier used in the fulfillment of the contract, or shall attest that no subcontractors were used.

For the term of the contract, the contractor and each of its affiliates and a subcontractor and each of its affiliates [N.J.S.A. 52:32-44(g)(3)] shall collect and remit to the Director, New Jersey Division of Taxation, the use tax due pursuant to the Sales and Use Tax Act on all sales of tangible personal property delivered into this State, regardless of whether the tangible personal property is intended for a contract with a contracting agency.

A business organization that fails to provide a copy of a business registration as required pursuant to section 1 of P.L.2001,c.134 (C.52:32-44 et al.) or subsection e. or f. of section 92 of P.L.1977,c.110 (C.5:12-92), or that provides false business registration information 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 for each business registration copy not properly provided under a contract with a contracting agency.

Bidders name:	

### **BUSINESS REGISTRATION**

Pursuant to N.J.S.A. 52:32-44, the County of Union is prohibited from entering into a contract with an entity unless the bidder/proposer/contractor, and each subcontractor that is required by law to be named in a bid/proposal/contract has a valid Business Registration Certificate on file with the Division of Revenue and Enterprise Services within the Department of the Treasury.

Prior to contract award or authorization, the contractor shall provide the County of Union with its proof of business registration and that of any named subcontractor(s).

Subcontractors named in a bid or other proposal shall provide proof of business registration to the bidder, who in turn, shall provide it to the County of Union prior to the time a contract, purchase order, or other contracting document is awarded or authorized.

Proof of registration must show that the bidder was in fact registered with the State of New Jersey Department of the Treasury, Division of Revenue and obtained the business registration prior to the receipt of bids. If subcontractors are named on the bid, proof of the business registration for each must be provided prior to the award of a contract. Similarly to the bidder, the proof must show that each subcontractor was registered with the State of New Jersey Department of the Treasury, Division of Revenue and obtained the business registration prior to the receipt of bids.

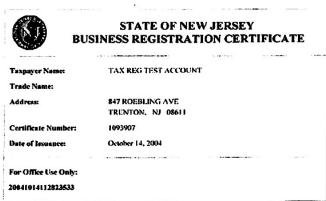
During the course of contract performance:

- (1) the contractor shall not enter into a contract with a subcontractor unless the subcontractor first provides the contractor with a valid proof of business registration.
- (2) the contractor shall maintain and submit to the County of Union a list of subcontractors and their addresses that may be updated from time to time.
- (3) the contractor and any subcontractor providing goods or performing services under the contract, and each of their affiliates, shall collect and remit to the Director of the Division of Taxation in the Department of the Treasury, the use tax due pursuant to the Sales and Use Tax Act, (N.J.S.A. 54:32B-1 et seq.) on all sales of tangible personal property delivered into the State. Any questions in this regard can be directed to the Division of Taxation at (609)292-6400. Form NJ-REG can be filed online at http://www.state.nj.us/treasury/revenue/busregcert.shtml.

Before final payment is made under the contract, the contractor shall submit to the County of Union a complete and accurate list of all subcontractors used and their addresses.

Pursuant to N.J.S.A. 54:49-4.1, a business organization that fails to provide a copy of a business registration as required, or that provides false business registration information, shall be liable for a penalty of \$25 for each day of violation, not to exceed \$50,000, for each proof of business registration not properly provided under a contract with a contracting agency.





ATTACH BRC HERE

B - 14

Bidders	name:		

### <u>AFFIRMATIVE ACTION REQUIREMENT</u>

### REQUIRED AFFIRMATIVE ACTION EVIDENCE

General Requirements of P.L. 1975, c. 127: You are hereby put on notice that:

CONSTRUCTION CONTRACTS: The successful contractor must submit within three (3) days of the notice of intent to award or the signing of the contract the initial project manning report (A.A.201). This report should be submitted at the time the signed contract is returned to the County of Union. Attention: Affirmative Action Officer.

If the successful contract <u>does not submit the initial project manning report</u> (A.A.201) within the three (3) days from the time the signed contract is returned to the County of Union, the County of Union <u>WILL</u> declare the contractor non-responsive and award the contract to the next lowest responsible bidder.

NAME OF BIDDER
ORIGINAL SIGNATURE
PRINT OR TYPE NAME AND TITLE
DATE THIS FORM IS COMPLETED

Bidders nam	e:	

### **EXPERIENCE STATEMENT**

I hereby certify that my company has performed the following private or public work, which is relevant to this bid. I further certify that my company has never defaulted under any contract. Should you not sign this form due to prior defaults, please provide details on an attached sheet.

Witness	NAME OF BIDDER
Date	
	ADDRESS
	By: ORIGINAL SIGNATURE ONLY
	PRINT NAME AND TITLE

YOU MAY ATTACH ADDITIONAL SHEETS, BUT YOU MUST SIGN AND WITNESS THIS SHEET.

Bidders name:	

## CERTIFICATE OF BIDDER SHOWING ABILITY TO PERFORM CONTRACT

STATE OF NEW JERSEY		)		
COUNTY OF	Specify, if Other)	) SS:		
I, State of	, of full age, being duly	, of the (City, Town, Boroug	h, etc.) ofoath depose and say that:	
I am	of the firm of		, the Bidder making	
the proposal for the above	named Project ("Contractor"), and t	that I executed said proposal w	ith full authority to do so; and	
that said Contractor, pursuant to N.J.S.A. 40A:11-20, certifies that it owns, leases or controls all the necessary equ				
required by the Plans, Spe	cifications and Advertisements und	ler this Bids are asked for.		
If the Bidder is not the actu	ıal owner or lessee of any such equ	uipment, then the Bidder shall a	ttach to this Certificate	
information identifying the	source from which the equipment w	vill be obtained, and such inform	nation shall be accompanied	
by a certificate from the ow	vner or person in control of the equi	pment definitively granting to th	e Bidder the control of the	
equipment required during	such time as may be necessary for	r the completion of that portion	of the contract.	
(Also type or print name of	affiant under signature)	<del></del>		
Rv.				

Bidders name:	
---------------	--

# NON-COLLUSION AFFIDAVIT (N.J.S.A. 52:34-15)

STATE OF		<u> </u>		
COUNTY O	) SS:			
COUNTYO	r	)		
I	, of the	e City ofe, being duly sworn according to	_, in the County of o law, on my oath depose and	, and the State of
with full auth collusion, or project; and knowledge t	nority to do so; that sa otherwise taken any that all statements co hat the COUNTY OF	n of	directly, entered into any agre petitive bidding in connection n this Affidavit are true and co upon the truth of the statemen	eement, participation in any with the above named orrect, and made with full onts contained in said
an agreeme	nt or understanding f	r selling agency has been empl or a commission, percentage, b cial or selling agencies maintain	prokerage or contingent fee, e	except bona fide employees
			NAME OF BIDDER	
			ORIGINAL SIGNAT	TURE ONLY
			The person who signed the bidder should sign this for	
Subscribed	and sworn to before ।	me		
this	day of	, 20	-	
(Seal) Notai	y Public of New Jers		_	
		Specify Other State		
My Commis	sion Expires	, 20	_ <del>·</del>	

**WARNING:** IF YOU FAIL TO FULLY, ACCURATELY, AND COMPLETELY FILL OUT THIS AFFIDAVIT OF NON-COLLUSION, YOUR BID MAY BE REJECTED.

Bidders name:	

### **Contractor Registration Advisement**

For Public Works Projects

A new law, known as "The Public Works Contractor Registration Act" (P.L. 1999, c.238), became effective April 11, 2000. Under the Act, no contractor/subcontractor will be permitted to bid on or engage in any contract for public work, as defined in Section 2 of P.L. 1963, c.150 (C:34:11-56.26), unless that contractor/subcontractor is registered with the New Jersey Department of Labor and Workforce Development. The Act provides that upon registration with the Department, a public works contractor/subcontractor will be issued a certificate by the Department indicating compliance with the Act's requirements. The registration fee has been set at \$300.00 per year. Upon the effective date of the Act, public bodies will be expected to request production of such a certificate from those bidding on or engaging in public works projects.

It is important to note that the term "contractor," is defined in the, Act as, "a person, partnership, association, joint stock company, trust, corporation or other legal business entity or successor thereof who enters into a contract which is subject to the provision of the "New Jersey Prevailing Wage Act," P.L. 1963, c.150 (C.34:11-56.25, et seq.) for the construction, reconstruction, demolition, alteration, repair or maintenance of a public building regularly open to and used by the general public or a public institution, and includes any subcontractor or lower tier subcontractor as defined herein: except that, for the purposes of the act, no pumping station, treatment plant or other facility associated with utility and environmental construction, reconstruction, demolition, alteration, repair or maintenance shall be regarded as a public building regularly open to and used by the general public or a public institution."

Registration forms, copies of the Act, and other relevant information can be obtained by contacting:

Contractor Registration Unit
New Jersey Department of Labor and Workforce Development
Division of Wage & Hour Compliance
PO Box 389
Trenton, New Jersey 08625-0389
Telephone: 609-292-9464
Fax: 609-633-8591

E-mail: contreg@dol.state.nj.us

Bidders ı	name:		

## AMERICANS WITH DISABILITIES ACT EQUAL OPPORTUNITY FOR INDIVIDUALS WITH DISABILITIES

The contractor and the County of Union (hereafter "Owner") do hereby agree that the provisions of Title II of the Americans With Disabilities Act of 1990 (the "Act") (42 US.C. S12101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereunto, are made a part of this contract. In providing any aid, benefit, or service on behalf of the Owner pursuant to this contract, the contractor agrees that the performance shall be in strict compliance with the Act. In the event the contractor, its agents, servants, employees, or subcontractors violate or are alleged to have violated the Act during the performance of this contract, the contractor shall defend the Owner in any action or administrative proceeding commenced pursuant to this Act. The contractor shall indemnify, protect, and save harmless the Owner, its agents, servants, and employees from and against any and all suits, claims, losses, demands, or damages of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The contractor shall, at its own expense, appear, defend, and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the Owner's grievance procedure, the contractor agrees to abide by any decision of the Owner which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the Owner, or if the Owner incurs any expense to cure a violation of the ADA which has been brought pursuant to its grievance procedure, the contractor shall satisfy and discharge the same at its own expense.

The Owner shall, as soon as practicable after a claim has been made against it, give written notice thereof to the contractor along with full and complete particulars of the claim. If any action or administrative proceeding is brought against the Owner or any of its agents, servants, and employees, the Owner shall expeditiously forward or have forwarded to the contractor every demand, complaint, notice, summons, pleading, or process received by the Owner or its representatives.

It is expressly agreed and understood that any approval by the Owner of the services provided by the contractor pursuant to this contract will not relieve the contractor of the obligation to comply with the Act and to defend, indemnify, protect, and save harmless the Owner pursuant to this paragraph.

It is further agreed and understood that the Owner assumes no obligation to indemnify or save harmless the contractor, its agents, servants, employees and subcontractors for any claim which may arise out of their performance of this Agreement. Furthermore, the contractor expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the contractor's obligations assumed in this Agreement, nor shall they be construed to relieve the contractor from any liability, nor preclude the Owner from taking any other actions available to it under any other provisions of this Agreement or otherwise at law.

Name	(Please print or type)
Signature	Date

Bidders name:	
---------------	--

### **STATEMENT OF BIDDER'S QUALIFICATIONS**

All questions must be answered and the data given must be clear and comprehensive. <u>This statement must be notarized.</u> Questions may be answered on separate attached sheets. The Bidder may submit any additional information it desires.

(Permar	nent Main Office Address)	-
(i cimai	ioni Main Onice Address)	
(When 0	Organized)	-
(If a Cor	poration, where incorporated)	-
Number trade na	of years your organization has been engaged in construction or contracting business und me?	ler present
How ma (b) As a	ny years of experience in construction work has your organization had (a) as a general cosubcontractor?	ontractor?
	ts on hand: (Attach a list or table showing gross amounts of each Contract and the appro ion)	oriate date
		-
		-
General	character of work performed by you	
Have yo	u ever failed to complete any work awarded to you?	
Have yo	u ever defaulted on a Contract? If so, complete details, including where ar	nd why?

Bidders name:	

### STATEMENT OF BIDDER'S QUALIFICATIONS - (continued)

List your major equipment a		ontract.		
Experience in the construct	ion work similar in	importance to this Proje	oct.	
Have you had any material		rom the trades as listed		—— sification withir
Ji veals:				
Background and experience				ficers.
				In What Capacity
Background and experience	e of the principal m	embers of your organiza	Magnitude &	In What
Background and experience	e of the principal m  Present  Position	embers of your organize  Yrs. of  Construction	Magnitude &	In What
Background and experience	e of the principal m  Present  Position	embers of your organize  Yrs. of  Construction	Magnitude &	In What
Background and experience	e of the principal m  Present  Position	embers of your organize  Yrs. of  Construction	Magnitude &	In What
Background and experience	e of the principal m  Present  Position	embers of your organize  Yrs. of  Construction	Magnitude &	In What

18.			ts any person, firm or corporation to furnish any information the responses comprising this Statement of Bidder's
19.	Bidder's telephone number, fax	number and e-m	ail address (if applicable).
	Phone	_	
	Fax	_	
	E-mail	_	
	Mobile	_	
Dated a	at	_ this	_ day of _, 20
BIDDE	R (Signature)	_	
BIDDE	R (Print Name)	_	
Subscr	ibed and sworn to before me		
this	day of		_, 20
(Seal) I	Notary Public of New Jersey/	Specify Other S	tate

Bidders name:

NOTE: FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WITH YOUR PROPOSAL MAY RESULT IN A REJECTION OF YOUR BID.

My Commission Expires \_\_\_\_\_\_\_, 20\_\_\_.

Bidders name:	
Diddel 3 Hairie.	

### **CONTRACTOR PERFORMANCE RECORD**

List all contracts completed by you below or provide separate form.

Name of Owner	Name & Location of Project: Type Of Work	Prime or Sub- Cont.	Engineer or Architect in Charge for Owner	Contract Price (Omit Cost)	Date Completed	Was Time* Extension Necessary	Were Any Penalties Imposed	Were Liens* Claims or Stop Notice Filed

<sup>\*</sup> If answer is YES, provide explanation of details in connection with non-completion of contracts, time extensions, penalties imposed, labor troubles, liens, claims and notices filed against contracts listed in preceding item "Performance Record" on an attached sheet.

NOTE: FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WITH YOUR PROPOSAL MAY RESULT IN A REJECTION OF YOUR BID.

# CONTRACTOR PERFORMANCE RECORD CERTIFICATION

The information above is true and comp	lete to the best of my knowledge and belief.
	(Name of Organization)
	(Signature)
	(Title)
Subscribed and sworn to before me	
this day of	, 20
(Seal) Notary Public of New Jersey/	Specify Other State
My Commission Expires	, 20

Bidders name:	

### AFFIDAVIT REGARDING LIST OF DEBARRED, SUSPENDED OR DISQUALIFIED BIDDERS

STATE OF NEW JERSEY /		)	
STATE OF NEW JERSEY /	Specify, if Other		
COUNTY OF		)	
1		of the (City Town Borough etc.)	\ of
State of	of full age, being duly	, of the (City, Town, Borough, etc.)  v sworn according to law on my oath de	onose and say that:
	, or run age, being adiy	Sworn according to law on my caur ac	opode and day that.
I am	of the firm o	of	, the Bidder making
		sey State Treasurer's or the Federal G	
Debarred, Suspended or Disquali	fied Bidders as a result of a	ction taken by any State or Federal Ag	ency.
		Name of Contractor	
		riame of communic	
	By:	re of Authorized Representative)	
	(Signatur	e of Authorized Representative)	
Subscribed and sworn to before r	ne		
Capacing a and awarn to polore			
this day of	, 20	0	
(0.1) 11 (1.1)			
(Seal) Notary Public of New Jerse	*y/		
	Specify Other State		
My Commission Expires	2	20	

NOTE: FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WITH YOUR PROPOSAL MAY RESULT IN A REJECTION OF YOUR BID.

Bidders name:	

# PRIOR NEGATIVE EXPERIENCE QUESTIONNAIRE (N.J.S.A. 40A:11-4)

1.	Within the past ten (10) years, have you been found, through either court adjudication, arbitration, mediation, or other contractually stipulated alternate dispute resolution mechanism, to have: failed to provide or perform goods or services; or failed to complete a contract in a timely manner; or otherwise performed unsatisfactorily under a prior contract with a public entity?				
	yes	no	If yes, please provide full, detailed explanation.		
2.			faulted on a contract, thereby requiring a public enti e goods or perform the services or to correct or com		
	yes	no	If yes, please provide full, detailed explanation.	<u> </u>	
3.		of the contract or tend	efaulted on a contract, thereby requiring a public entider of the costs of completion?	ty to look to your	
	yes	no	If yes, please provide full, detailed explanation.		
4.	department of the ex-	ecutive branch of the S	en debarred or suspended from contracting with any State of New Jersey at the time of the contract award or goods or services with a public entity?		
	yes	no	If yes, please provide full, detailed explanation.		

Bidders name:	

## PRIOR NEGATIVE EXPERIENCE CERTIFICATION

Name of Contractor  By	I hereby certify that the above statements are tru	e and accurate as of this	day of	
By	, 20			
By				
By				
By				
Subscribed and sworn to before me  this day of, 20  (Seal) Notary Public of New Jersey/ Specify Other State	Name of Contractor			
Subscribed and sworn to before me  this day of, 20  (Seal) Notary Public of New Jersey/ Specify Other State				
Subscribed and sworn to before me  this day of, 20  (Seal) Notary Public of New Jersey/ Specify Other State	D.,			
Subscribed and sworn to before me  this day of, 20  (Seal) Notary Public of New Jersey/ Specify Other State	(Signature of Authorized Penrocentative)			
this day of, 20  (Seal) Notary Public of New Jersey/ Specify Other State	(Signature of Authorized Representative)			
this day of, 20  (Seal) Notary Public of New Jersey/ Specify Other State				
this day of, 20  (Seal) Notary Public of New Jersey/ Specify Other State				
(Seal) Notary Public of New Jersey/Specify Other State	Subscribed and sworn to before me			
(Seal) Notary Public of New Jersey/Specify Other State	this day of	20		
Specify Other State	trils day oi	, 20		
Specify Other State				
M O	Specify	Other State		
	My Commission Expires	20		

NOTE: FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WITH YOUR PROPOSAL MAY RESULT IN A REJECTION OF YOUR BID.

Bidders name:	

### TO BE COMPLETED ONLY WHEN FINAL PAYMENT IS REQUESTED

### CONTRACTOR'S CERTIFICATION OF COMPLIANCE - NEW JERSEY PREVAILING WAGE ACT

TO:	County of Union	CONTRACT:
	Division of Engineering 2325 South Avenue	
	Scotch Plains, New Jersey 07076	
	coston name, new colocy of or c	
PROJ	ECT:	
	ordance with the requirements of the ctor on the public work being performe	New Jersey Prevailing Wage Act, N.J.S.A. 34:11-56 et al *, the undersigned ed for:
		COUNTY OF UNION
		th the contract requirements regarding the payment of the minimum prevailing Prevailing Wage Act" N.J.S.A. 34:11-56 et al.
	CONTRACTOR:	
	ADDRESS:	
	BY:	ODIOINAL GIONATURE ONLY
		ORIGINAL SIGNATURE ONLY
	E OF NEW JERSEY ITY OF	
Reina	by me duly sworn according to law, or	n his oath denoses
of	ays thatisis the above name	d contractor, and that
the fac	cts set forth in the above statement are	e true.
Subsc	ribed and sworn to before me	
this	day of	, 20
(Seal)	Notary Public of New Jersey/	<del></del>
. ,		ecify Other State
Mv Co	ommission Expires	. 20
.,		, =- <u></u> -

N.J.S.A. 34:11-56.33 requires the contractor and subcontractor to file written statements with the public body in form satisfactory to the Commissioner certifying to the amounts then due and owing from such contractor and subcontractor filing such statement to any and all workmen for wages due on account of the public work, setting forth therein the names of the persons whose wages are unpaid and the amount due to each respectively. Union County will withhold the amount so deducted for the benefit of the workmen whose wages are unpaid as shown by the verified statement filed, and will pay directly to any workman the amount shown by such statement to be due to him for such wages. Such payment shall thereby discharge the obligation of the contractor to the person receiving such payment to the extent of the amount thereof.

Bidders name:	

## **UNCOMPLETED CONTRACTS AFFIDAVIT**

(To be Submitted with DPMC Form 701)

<b>PURSUANT TO</b>	N.J.A.C. 17:19-2.13	B. BIDDER DECL	ARES THE FOLLOW	ING WITH RESPECT TO ITS	
				URCE (PUBLIC AND PRIVATE), BOTH IN	
			AL JURISDICTIONS	one (1 05210 / 110 1 111 / 112), 50 111 111	
NEW JERSET A	ND FROM OTHER	GOVERNIVIENTA	AL JUNISDICTIONS		
ENTITY	PROJECT	ORIGINAL	UNCOMPLETED	NAME AND TELEPHONE NUMBER OF	
	TITLE	CONTRACT	AMOUNT AS OF	PARTY TO BE CONTACTED FROM	
		AMOUNT	BID OPENING	ENTITY FOR VERIFICATION	
		7	DATE		
			DAIL		
			1		
TOTAL AMOUNT OF UNCOMPLETED CONTRACTS \$					
I O I AL AMOUNT	OF UNCOMPLETE	ED CONTRACTS	Φ		

		BID	DER:	
		(Sig	gnature)	
		(Pri	nt Name)	
Subscribed	d and sworn to before me			
this	day of	, 2	0	
(Seal) Not	ary Public of New Jersey/	Specify Other State		
My Commi	ssion Expires		20	

NOTE: FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WITH YOUR PROPOSAL MAY RESULT IN A REJECTION OF YOUR BID.

### **CERTIFICATE OF INSURANCE STATEMENT**

The Bidder fully understands the County of Union insurance requirements as stated in the Instructions to Bidders as well as the Owner/Contractor Agreement and agrees to provide all insurance required by these documents <u>prior</u> to the issuance of the Notice to Proceed.

BIDDER (Signature)	
BIDDER (Print Name)	

NOTE: FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WITH YOUR PROPOSAL MAY RESULT IN A REJECTION OF YOUR BID.

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### **COLLECTION OF USE TAX ON SALES TO LOCAL GOVERNMENTS STATEMENT**

The Bidder fully understands the requirements of the use tax on sales to local governments as stated in the General Conditions to the Contract for Construction and the Instructions to Bidders, and agrees at all times to comply with the "Contractor Use Tax Collection Legislation", as defined therein, and the terms relating thereto contained in the Contract Documents.

BIDDER (Signature)	
BIDDER (Print Name)	

NOTE: FAILURE TO COMPLETE AND SUBMIT THIS DOCUMENT WITH YOUR PROPOSAL MAY RESULT IN A REJECTION OF YOUR BID.

Bidders name:	

# **TIME OF COMPLETION**

The undersigned proposed that if a	awarded the Contract, the sco	oe of work will be started within ten (10)
calendar days and will be substant	ially completed within9	<b>0 calendar days</b> from the date of
the notice to proceed.		
I,NAME (Print or type)	of	
NAME (Print or type)	COMPANY	
Agree to complete work in the time	frame specified	
		SIGNATURE
SITE VISIT – GENERAL CONTRA	ACTOR	
I,	of	
NAME (Print or type)	COMPANY	_
Visited the site of the work on		
		SIGNATURE

Bidders	nama:		
Diuucis	Hallic.		

# COUNTY OF UNION NEW JERSEY Division of Purchasing DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN FORM

Solicitation Number:	Vendor/Bidder:
	PART 1  CERTIFICATION BIDDER MUST COMPLETE PART 1 BY CHECKING ONE OF THE BOXES CK ONE OF THE BOXES WILL RENDER THE PROPOSAL NON-RESPONSIVE
complete the certification below to attest is identified on the State of New Jersey, I Chapter 25 list is found on the Departme prior to completing the below certification Director of the Division of Purchase and	person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must, under penalty of perjury, that neither the person nor entity, nor any of its parents, subsidiaries, or affiliates, Department of the Treasury's Chapter 25 list as a person or entity engaged in investment activities in Iran. The nt's website at <a href="http://www.state.nj.us/treasury/pdf/Chapter25List.pdf">http://www.state.nj.us/treasury/pdf/Chapter25List.pdf</a> . Vendors/Bidders must review this list on. Failure to complete the certification will render a Vendor's/Bidder's proposal non-responsive. If the Property finds a person or entity to be in violation of the law, s/he shall take action as may be appropriate and ling but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in sion of the party.  CHECK THE APPROPRIATE BOX
or affiliates is listed on the N.J	Public Law 2012, c.25, that neither the Vendor/Bidder listed above nor any of its parents, subsidiaries, . Department of Treasury's list of entities determined to be engaged in prohibited activities in Iran Chapter 25 List"). Disregard Part 2 and complete and sign the Certification below.
listed on the Department's Cha and sign and complete the Cer	y as above because the Vendor/Bidder and/or one or more of its parents, subsidiaries, or affiliates is apter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below tification below. Failure to provide such information will result in the proposal being rendered as e penalties, fines and/or sanctions will be assessed as provided by law.
If you checked Box "B" above, prov	PART 2 DITIONAL INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN ide a detailed, accurate and precise description of the activities of the Vendor/Bidder, or one of its gaged in investment activities in Iran by completing the information below.
ENTITY NAME: RELATIONSHIP TO VENDOR/BII DESCRIPTION OF ACTIVITIES: DURATION OF ENGAGEMENT: ANTICIPATED CESSATION DAT VENDOR/BIDDER CONTACT NA VENDOR/BIDDER CONTACT PH Attach Additional Sheets If Necessar	E: ME: ONE#:
attachments hereto, to the best of my k information contained herein, and that th any contract(s) with the County of Union that it is a criminal offense to make a fals	CERTIFICATION  horized to execute this certification on behalf of the Vendor/Bidder, that the foregoing information and any mowledge are true and complete. I acknowledge that the County of Union, New Jersey is relying on the e Vendor/Bidder is under a continuing obligation from the date of this certification through the completion of a to notify the County of Union in writing of any changes to the information contained herein; that I am aware the statement or misrepresentation in this certification. If I do so, I will be subject to criminal prosecution under reach of my agreement(s) with the County of Union, permitting the County of Union to declare any contract(s) unenforceable.
Signature	Date
Print Name and Title	

B - 34

Revised: 2024-05-24 Revised 10/19/17



Bidders name:	

#### CERTIFICATION OF NON-INVOLVEMENT IN PROHIBITIED ACTIVITIES IN RUSSIA OR BELARUS

Pursuant to N.J.S.A. 52:32-60.1, et seq. (L. 2022, c. 3) any person or entity (hereinafter "Vendor<sup>i</sup>") that seeks to enter into or renew a contract with a State agency for the provision of goods or services, or the purchase of bonds or other obligations, must complete the certification below indicating whether or not the Vendor is Control (OFAC) Specially Designated Nationals and Blocked Persons list, available here: identified on the Office of Foreign Assets https://sanctionssearch.ofac.treas.gov/. If the Department of the Treasury finds that a Vendor has made a certification in violation of the law, it shall take any action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking deharment or suspension of the party

ucciaiiig	the part	y in default and seeking department of suspension of the party.
•	•	certify that I have read the definition of "Vendor" below, and have reviewed the Office of Foreign Assets Control (OFAC) Specially Designated sed Persons list, and having done so certify:
		(Check the Appropriate Box)
0	A.	That the Vendor is not identified on the OFAC Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus.
		OR
	B.	That I am unable to certify as to "A" above, because the Vendor is identified on the OFAC Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus.
		OR
	C.	That I am unable to certify as to "A" above, because the Vendor is identified on the OFAC Specially Designated Nationals and Blocked Persons list. However, the Vendor is engaged in activity related to Russia and/or Belarus consistent with federal law, regulation, license or exemption. A detailed description of how the Vendor's activity related to Russia and/or Belarus is consistent with federal law is set forth below.
<u>-</u>		
-		
-		
-		
-		

	(Attach Additional Sheets If Necessary.)		
Signature of Vendor's Authorized Representative	Date		
Print Name and Title of Vendor's Authorized Representative	Vendor's FEIN		
Vendor's Name	Vendor's Phone Number		
Vendor's Address (Street Address)	Vendor's Fax Number		
Vendor's Address (City/State/Zip Code)	Vendor's Email Address		

NJ Rev. 1.22.2024

<sup>&</sup>lt;sup>1</sup> Vendor means: (1) A natural person, corporation, company, limited partnership, limited liability partnership, limited liability company, business association, sole proprietorship, joint venture, partnership, society, trust, or any other nongovernmental entity, organization, or group; (2) Any governmental entity or instrumentality of a government, including a multilateral development institution, as defined in Section 1701(c)(3) of the International Financial Institutions Act, 22 U.S.C. 262r(c)(3); or (3) Any parent, successor, subunit, direct or indirect subsidiary, or any entity under common ownership or control with, any entity described in paragraph (1) or (2).

Bidders	name:		

STANDARD BID DOCUMENT REFERENCE		
Name of Form:	FEDERAL NON-DEBARMENT CERTIFICATION	
Statutory Reference:	N.J.S.A. 52:32-44.1 (P.L. 2019, c.406)	
Description:	Meets statutory criteria for certification of non-debarment by a federal government agency.	

### **Summary of the Certification Requirements under N.J.S.A. 52:32-44.1**

Pursuant to state law any natural person, company, firm, association, corporation, or other entity prohibited, or "debarred," from contracting with the federal government agencies, shall also be prohibited from contracting for public work in the state of New Jersey. This prohibition also extends to any affiliate organization(s) held by or subject to the control of an entity of that prohibited person or entity.

Prior to awarding a contract for public work a local units must obtain written certification from the contracting person or entity through the form below, attesting to their non-debarment from contracting with federal government agencies. Contracting units are reminded that they must fill-in the boilerplate information in the certification sections of Parts II through IV regarding their name and type of contracting unit before using the form.

Bidders name:	
---------------	--

### **CERTIFICATION OF NON-DEBARMENT**

### **FOR FEDERAL GOVERNMENT CONTRACTS**

N.J.S.A. 52:32-44.1 (P.L. 2019, c.406)

This certification shall be completed, certified to, and submitted to the contracting unit prior to contract award, except for emergency contracts where submission is required prior to payment.

PART I: VENDOR INFORMATION					
Individual or Organization Nam	ne				
Physical Address of Individual or Organization	of				
Unique Entity ID	)				
(if applicable)					
CAGE/NCAGE Co	ode				
(if applicable)					
(	Check	the box that represen	ts the type of bus	iness org	anization:
□ For-Pr	ofit C	rship (skip Parts III and orporation (any type) Limited Partnership be specific):	□Limited Liability	y Compai y Partners	ship (LLP)
PART II – 0	CERT	TIFICATION OF NO	N-DEBARMENT	: Individ	lual or Organization
I hereby certify that the <b>individual or organization listed above in Part I</b> is not debarred by the federal government from contracting with a federal agency. I further acknowledge: that I am authorized to execute this certification on behalf of the above-named organization; that the County of Union is relying on the information contained herein and that I am under a continuing obligation from the date of this certification through the date of contract award by the County of Union to notify the County of Union in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I am subject to criminal prosecution under the law and that it will constitute a material breach of my agreement(s) with the County of Union, permitting the County of Union to declare any contract(s) resulting from this certification void and unenforceable.					
Full Name (Print):				Title:	
Signature:				Date:	

Diddore name:	
Bidders name:	

# PART III - CERTIFICATION OF NON-DEBARMENT: Individual or Entity Owning Greater than 50 Percent of Organization Section A (Check the Box that applies) Below is the name and address of the stockholder in the corporation who owns more than 50 percent of its voting stock, or of the partner in the partnership who owns more than 50 percent interest therein, or of the member of the limited liability company owning more than 50 percent interest therein, as the case may be. Name of Individual or Organization **Physical Address** OR No one stockholder in the corporation owns more than 50 percent of its voting stock, or no partner in the partnership owns more than 50 percent interest therein, or no member in the limited liability company П owns more than 50 percent interest therein, as the case may be. Section B (Skip if no Business entity is listed in Section A above) Below is the name and address of the stockholder in the corporation who owns more than 50 percent of the voting stock of the organization's parent entity, or of the partner in the partnership who owns more than 50 percent interest in the organization's parent entity, or of the member of the limited liability company owning more than 50 percent interest in organization's parent entity, as the case may be. Stockholder/Partner/Membe r Owning Greater Than 50 **Percent of Parent Entity Physical Address** OR No one stockholder in the parent entity corporation owns more than 50 percent of its voting stock, no partner in the parent entity partnership owns more than 50 percent interest therein, or no member in the parent entity limited liability company owns more than 50 percent interest therein, as the case may be.

D' .I .I	
Bidders name:	

Section C – Part III Certification				
Section C – Part III Ce	rtification			
I hereby certify that no individual or organization that is debarred by the federal government from contracting with a federal agency owns greater than 50 percent of the <b>Organization listed above in Part I</b> or, if applicable, owns greater than 50 percent of a parent entity of <b><name of="" organization=""></name></b>				
Full Name (Print):			Title:	
Signature:			Date:	
Part IV –	CERTIFICATION OF NON-DI	EBARMENT: Contr	actor – C	ontrolled Entities
	S	Section A		
Below is the name and address of the corporation(s) in which the <b>Organization listed in Part I</b> owns more than 50 percent of voting stock, or of the partnership(s) in which the <b>Organization listed in Part I</b> owns more than 50 percent interest therein, or of the limited liability company or companies in which the <b>Organization listed above in Part I</b> owns more than 50 percent interest therein, as the case may be.				
Name of Business Entity Physical Address			al Address	

\*\*Add additional sheets if necessary\*\*

The **Organization listed above in Part I** does not own greater than 50 percent of the voting stock in any corporation and does not own greater than 50 percent interest in any partnership or any limited liability company.

OR

Bidders name:	

Sec	tion B (skip if no business e	ntities are liste	d in Secti	on A of Part IV)
	Below are the names and addresses of any entities in which an entity listed in Part III A owns greater than 50 percent of the voting stock (corporation) or owns greater than 50 percent interest (partnership or limited liability company).			
	Name of Business Entity Controlled by Entity Listed in Section A of Part IV			rsical Address
**Add additional She	eets if necessary**			
OR				
	•	_		ercent of the voting stock in any st in any partnership or limited
Section C – Part IV Certification				
I hereby certify that the <b>Organization listed above in Part I</b> does not own greater than 50 percent of any entity that that is debarred by the federal government from contracting with a federal agency and, if applicable, does not own greater than 50 percent of any entity that in turns owns greater than 50 percent of any entity debarred by the federal government from contracting with a federal agency. I further acknowledge: that I am authorized to execute this certification on behalf of the above-named organization; that the County of Union is relying on the information contained herein and that I am under a continuing obligation from the date of this certification through the date of contract award by the County of Union to notify the County of Union in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I am subject to criminal prosecution under the law and that it will constitute a material breach of my agreement(s) with the County of Union, permitting the County of Union to declare any contract(s) resulting from this certification void and unenforceable.				
Full Name (Print):			Title:	

Signature:

Revised: 2024-05-24

Date:

# BYRD ANTI-LOBBYING AMENDMENT CERTIFICATION

(To be submitted with each bid, proposal or offer exceeding \$100,000)

The undersigned, [Company]	certifies, to the best of his or her knowledge,
that:	
1. No Federal appropriated funds have been paid or will be person for influencing or attempting to influence an officer or emofficer or employee of Congress, or an employee of a Member of any Federal contract, the making of any Federal grant, the making cooperative agreement, and the extension, continuation, renewal contract, grant, loan, or cooperative agreement.	ployee of an agency, a Member of Congress, an of Congress in connection with the awarding of ng of any Federal loan, the entering into of any
2. If any funds other than Federal appropriated funds have influencing or attempting to influence an officer or employee of or employee of Congress, or an employee of a Member of Congrant, loan, or cooperative agreement, the undersigned shall "Disclosure Form to Report Lobbying," in accordance with its in	any agency, a Member of Congress, an officer agress in connection with this Federal contract, complete and submit Standard Form - LLL,
3. The undersigned shall require that the language of this certifical subawards at all tiers (including subcontracts, subgrants, and agreements) and that all subrecipients shall certify and disclose a	contracts under grants, loans, and cooperative
This certification is a material representation of fact upon which made or entered into. Submission of this certification is a prerequimposed by 31, U.S.C. § 1352 (as amended by the Lobbying Diffile the required certification shall be subject to a civil penalty of notice of the for each such failure.	sclosure Act of 1995). Any person who fails to
The Contractor, [Company], certifies statement of its certification and disclosure, if any. In addition, provisions of 31 U.S.C. § 3801 et seq., apply to this certification	
Signature of Contractor's Authorized Representative	
Name and Title of Contractor's Authorized Representative	
Date	

Bidders	name:		

#### CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents of all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, United States Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

(signature)	(date)	
TITLE:		
CERTIFIED BY: (type or print)		
City, State, Zip:		-
Street address:		-
Organization:		_

Organization

DISCLOSURE OF LOBBYING ACTIVITIES (LLL Form)
Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352 0348-0046

IN/ F	A – My agency does no	ot engage in any lood	bying activities			
1. Type of Federal Action:	2. Status of Federal	Action:	3. Report Type:			
a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	a. bid/offer b. Initial av c. Post-awa		a. initial filing b. material change  For Material Change Only: year quarter date of last report			
4. Name and Address of Reporting Entity Prime Subawar Tier		5. If Reporting Entity in NO.4 is a Subawardee, enter Nam and Address of Prim:				
Congressional District, if known:	ļ	Congressional Dist	trict, if known:			
6. Federal Department/Agency:  8. Federal Action Number, if known:		7. Federal Program Name/Description:  CDFA NUMBER, if applicable  9. Award Amount, if known:				
10. a. Name and address of Lobbying Reg		<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (las name, first name, MI):				
11. Information request through this form if 31 U.S.C. Section 1352. This disclosure of a material representation of fact upon which by the tier above when this transaction was a This disclosure is required pursuant to 31 information will be available for public instead who fails to file the required disclosure shall penalty of not less than \$10,000 and not mote each such failure.	lobbying activities is h reliance was placed made or entered into. 1 U.S.C. 1352. This spection. Any person ll be subject to a civil	Print Name: Title: Telephone NO.:				
Federal Use Only:			Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)			

<b>Bidder's Name</b>						

### INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer of employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

- 1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a Federal action.
- 2. Identify the status of the covered Federal action.
- 3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
- 4. Enter the full name, address, city, state and zip code of the reporting entity include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1<sup>st</sup> tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
- 5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
- 6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
- 7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.
- 8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract, grant, or loan award number, the application/proposal control number assigned by the Federal agency.) Include prefixes, e.g. "RFP-DE-90-001."
- 9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
- 10. A) Enter the full name, address, city, state and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.
  - B) Enter the full names of the individual(s) performing services, and include full address if different from 10(a). Enter last name, first name and middle initial (MI).
- 11. The certifying official shall sign and date the form; print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-10046), 'Washington, DC 20503.

### STANDARD SPECIFICATIONS

The Standard Specifications for Road and Bridge Construction of New Jersey Department of Transportation, 2019 Edition; is added to and/or amended elsewhere herein by the Notice to Contractors (Advertisement), Proposal, Information for Bidders, General Conditions, Supplemental Conditions, Project Plans, and Supplementary Specifications; shall, insofar as technical requirements are involved, govern in the execution of this project.

Such Standard Specifications are made a part of these Specifications by this reference and will not be repeated herein. It is the responsibility of prospective bidders to familiarize themselves with these Standard Specifications, copies of which may be examined at the office of the Engineer and may be obtained, upon payment of the cost thereof, from:

Department of Transportation State of New Jersey 1035 Parkway Avenue Trenton, New Jersey 08625

The Notice to Contractors (Advertisement), Proposal, General Conditions, Special Provisions, Project Plans and/or Supplementary Specifications shall govern and prevail in the case of conflict between them and the Standard Specifications.

In these Standard Specifications the words "COMMISSIONER" or "DEPARTMENT" shall refer to and mean the person, persons, body, board or agent legally empowered to enter into contracts and otherwise legally act for the Owner. The word "STATE" shall refer to and mean the professional engineering representative of the Owner as hereinbefore defined and the word "ENGINEER" shall refer to and mean the professional engineering representative of the Owner as hereinbefore defined and the word "INSPECTOR" shall mean the authorized project representative of the Engineer with the authority as hereinbefore defined. The word "LABORATORY" shall mean and refer to the Engineer who may, at his discretion, and with the consent of the Owner, employ qualified technical personnel or testing laboratories to assist him in fulfilling the duties normally assigned to the "LABORATORY" in these Standard Specifications.

When reference is made herein to the bulletins, standards, specifications, publications or requirements of the American Association of State Highway Official (AASHO), the American Concrete Institute (ACI), the American Society of Civil Engineers (ASCE) or similar national or regional societies, associations, institutes or organizations; the requirements of the bulletins, specifications, publications or requirements referred to shall be considered a part of these Specifications by such reference and shall not be repeated herein but shall have the same import and be as binding as if herein set forth in full.



#### STATE OF NEW JERSEY

Department of Labor and Workforce Development
Division of Wage and Hour Compliance - Public Contracts Section
PO Box 389
Trenton, NJ 08625-0389

#### PREVAILING WAGE RATE DETERMINATION

The New Jersey Prevailing Wage Act (N.J.S.A. 34:11-56.25 et seq.) requires that the Department of Labor and Workforce Development establish and enforce a prevailing wage level for workers engaged in public works in order to safeguard their efficiency and general well being and to protect them as well as their employers from the effects of serious and unfair competition.

Prevailing wage rates are wage and fringe benefit rates based on the collective bargaining agreements established for a particular craft or trade in the locality in which the public work is performed. In New Jersey, these rates vary by county and by the type of work performed.

Applicable prevailing wage rates are those wages and fringe benefits in effect on the date the contract is awarded. All pre-determined rate increases listed at the time the contract is awarded must also be paid, beginning on the dates specified. Rates that have expired will remain in effect until new rates are posted.

#### **Prevailing Wage Rate**

The prevailing wage rate for each craft will list the effective date of the rate and the following information:

W =Wage Rate per Hour

**B** = Fringe Benefit Rate per Hour\*

T = Total Rate per Hour

\* Fringe benefits are an integral part of the prevailing wage rate. Employers not providing such benefits must pay the fringe benefit amount directly to the employee each payday. Employers providing benefits worth less than the fringe benefit amount must pay the balance directly to the employee each payday.

Unless otherwise stated in the Prevailing Wage Rate Determination, the fringe benefit rate for overtime hours remains at the straight time rate.

When the Overtime Notes in the Prevailing Wage Rate Determination state that the overtime rates are "inclusive of benefits," the benefit rate is increased by the same factor as the wage rate (i.e. multiplied by 1.5 for time and one-half, multiplied by 2 for double time, etc.).

#### **Apprentice Rate Schedule**

An "apprentice" is an individual who is registered with the United States Department of Labor - Office of Apprenticeship and enrolled in a certified apprenticeship program during the period in which they are working on the public works project.

The apprentice <u>wage</u> rate is a percentage of the journeyman wage rate, unless otherwise indicated. The apprentice <u>benefit</u> rate is the full journeyman benefit rate, unless otherwise indicated.

If there is no apprentice rate schedule listed, the individual must be paid at least the journeyman rate even if that individual is in a certified apprentice program for that trade.

If there is no ratio of apprentices to journeymen listed for a particular craft, then the ratio shall be one (1) apprentice to every four (4) journeymen.

7/3/2024 Page 1 of 73

#### Comments/Notes

For each craft listed there will be comments/notes that cover the definition of the regular workday, shift differentials, overtime, recognized holidays, and any other relevant information.

#### **Public Works Contractor Registration**

The Public Works Contractor Registration Act (N.J.S.A. 34:11-56.48, et seq.) requires that **all** contractors, subcontractors, or lower tier subcontractors who are working on or who bid on public works projects register with the Department of Labor and Workforce Development. Applications are available at <a href="https://www.nj.gov/labor">www.nj.gov/labor</a> (click on Wage & Hour and then go to Registration & Permits).

#### Pursuant to N.J.S.A. 34:11-56.51:

No contractor shall bid on any contract for public work as defined in section 2 of P.L.1963, c. 150 (C.34:11-56.26) unless the contractor is registered pursuant to this act. No contractor shall list a subcontractor in a bid proposal for the contract unless the subcontractor is registered pursuant to P.L.1999, c.238 (C.34:11-56.48 et seq.) at the time the bid is made. No contractor or subcontractor, including a subcontractor not listed in the bid proposal, shall engage in the performance of any public work subject to the contract, unless the contractor or subcontractor is registered pursuant to that act.

#### **Snow Plowing**

Snow plowing contracts are <u>not</u> subject to the New Jersey Prevailing Wage Act or the Public Works Contractor Registration Act.

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County - UNION

Craft: Air Conditioning & Refrigeration - Service and Repair

PREVAILING WAGE RATE

	03/01/24
Journeyman (Mechanic)	W45.23
	B30.03
	T75.26

Craft: Air Conditioning & Refrigeration - Service and Repair

#### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
As Shown	1st Year	2nd Year	3rd Year	4th Year	5th Year	Wage = %	of Jnymn	Wage		
Wage and Bene	40%	50%	60%	70%	80%	Bene = %	of Jnymn	Bene		

#### Ratio of Apprentices to Journeymen - 1:4

Craft: Air Conditioning & Refrigeration - Service and Repair

**COMMENTS/NOTES** 

#### THESE RATES MAY BE USED FOR THE FOLLOWING:

- Service/Repair/Maintenance Work to EXISTING facilities.
- Replacement or Installation of air conditioning and refrigeration equipment when the combined tonnage does not exceed 15 tons for refrigeration, or 25 tons for air conditioning.
- Replacement or Installation of "packaged" or "unitary" rooftop-type units when the combined tonnage of the units does not exceed 75 tons.

NOTE: These rates may NOT be used for any work in new construction (including work on new additions).

The regular workday shall consist of 8 hours, starting between 6:00 AM and 10:00 AM, Monday through Friday.

#### SHIFT DIFFERENTIALS:

- The second and third shifts shall be paid an additional 15% of the hourly rate.
- All shifts must run for a minimum of 5 consecutive days.

#### **OVERTIME:**

Hours worked in excess of 8 per day or before or after the regular workday, that are not shift work, and all hours on Saturday shall be paid at time and one-half the hourly rate, inclusive of benefits. All hours on Sunday and holidays shall be paid at double the hourly rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day.

7/3/2024 Page 3 of 73

County - UNION

Craft: Boilermaker PREVAILING WAGE RATE

	01/12/24
Foreman	W54.11
	B47.08
	T101.19
General Foreman	W56.11
	B48.14
	T104.25
Journeyman	W49.11
	B45.31
	T94.42

Craft: Boilermaker APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
1000 Hours	65%	70%	75%	80%	85%	90%	95%			
Benefit =	38.33	39.30	40.32	41.31	42.32	43.32	44.30			

#### Ratio of Apprentices to Journeymen - \*

\* 1 apprentice will be allowed for the first 5 journeymen, 1 apprentice for the next 10 journeymen and 1 apprentice for each succeeding 20 journeymen up to a maximum of 5 apprentices per contractor on any one job.

#### Craft: Boilermaker COMMENTS/NOTES

HIGH WORK: All apprentices working on the erection, repair, or dismantling of smoke stacks, standpipes, or water towers shall be paid the Journeyman rate.

The regular workday shall consist of 8 hours, between 8:00 AM and 4:30 PM.

#### SHIFT DIFFERENTIALS:

- The second shift shall work 7? hours and receive 8 hours pay, at a rate equal to the regular hourly rate plus 10%.
- The third shift shall work 7 hours and receive 8 hours pay, at a rate equal to the regular hourly rate plus 20%.
- For "Municipal Water Works" projects only, the following shall apply: Two, four day, 10 hour shifts may be worked at straight time Monday through Thursday. The day shift shall work four days, at 10 hours, for 10 hours pay. The second shift shall work four days, at nine and a half hours, for 10 hours pay, plus 10% the hourly rate for new work and .25 cents on repair work. Friday may be used as a make-up day at straight time, due to weather conditions, hoilday or any other circumstances beyond the employer's control.

#### **OVERTIME:**

- Hours in excess of 8 per day, Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays (except Labor Day) shall be paid at double the hourly rate. All hours on Labor Day shall be paid at four times the hourly rate.
- If any other craft employed by the same contractor, or a subcontractor thereof, receives double time in lieu of time and one-half, then the Boilermaker shall receive double time in lieu of time and one-half.
- For "Municipal Water Works" projects only, the following shall apply: Four 10 hour days may be worked Monday through Thursday at straight time. Friday may be used as a make-up day for a day lost to inclement weather, holiday or other conditions beyond the control of the employer. Overtime shall be paid for any hours that exceed 10 hours per day or 40 hours per week.

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**County - UNION** 

RECOGNIZED HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday.

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County - UNION

Craft: Boilermaker - Minor Repairs PREVAILING WAGE RATE

	01/12/24
Foreman	W35.88
	B17.89
	T53.77
General Foreman	W36.38
	B17.89
	T54.27
Mechanic	W34.38
	B17.89
	T52.27

Craft: Boilermaker - Minor Repairs

#### **COMMENTS/NOTES**

NOTE: These rates apply to MINOR REPAIR WORK ONLY (repair work in the field for which the contract amount does not exceed \$125,000.00), for boilers that do not produce electric or are not used in the heating of petroleum products.

#### **OVERTIME:**

Hours in excess of 8 per day, Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays (except Labor Day) shall be paid at double the hourly rate. All hours on Labor Day shall be paid at four times the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Washington's Birthday, Good Friday, Memorial Day, July 4th, Labor Day, Presidential Election Day, Thanksgiving Day, day after Thanksgiving, Christmas Day. Saturday holidays observed the following Monday.

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County - UNION

Craft: Bricklayer, Stone Mason PREVAILING WAGE RATE

	05/09/24
Deputy Foreman	W51.60
	B37.68
	T89.28
Foreman	W56.35
	B37.68
	T94.03
Journeyman	W48.60
	B37.68
	T86.28

Craft: Bricklayer, Stone Mason APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
6 Months	40%	50%	55%	60%	65%	70%	75%	80%		
Benefits	5.61	6.88	7.50	8.13	28.95	30.86	32.78	34.67		

#### Ratio of Apprentices to Journeymen - 1:5

### Craft: Bricklayer, Stone Mason COMMENTS/NOTES

The regular workday shall consist of 8 hours, between 6:00 AM and 4:30 PM.

#### SHIFT DIFFERENTIALS:

- When a 2 shift schedule (including a day shift) is established, the first, or day shift, shall be established on an 8 hour basis. The second shift shall be established on an 8 hour basis, and receive the regular rate plus 10%, inclusive of benefits
- When a three shift schedule is established, the first shift shall be established on an 8 hour basis, the second shift on a 7.5 hour basis, and the third shift on a 7 hour basis. The first shift shall receive the regular hourly rate, the second shift shall receive the regular rate plus 10%, inclusive of benefits, and the third shift shall receive the regular rate plus 15%, inclusive of benefits.
- When there is no day shift, and a second or third shift is established, it shall be established on an 8 hour basis. The second shift shall receive the regular rate plus 10%, inclusive of benefits, and the third shift shall receive the regular rate plus 15%, inclusive of benefits.
- When an irregular shift must be established, this shift shall receive the regular rate plus 10%, inclusive of benefits.

### OVERTIME:

- The first 2 hours in excess of 8 per day, or before or after the regular workday that are not shift work, Monday through Friday, shall be paid at time and one-half the regular rate, inclusive of benefits. Any additional overtime shall be paid at double the regular rate, inclusive of benefits. The first 10 hours on Saturday shall be paid at time and one-half the regular rate, inclusive of benefits. Any additional overtime shall be paid at double the regular rate, inclusive of benefits. All hours on Sundays and holidays shall be paid at double the regular rate, inclusive of benefits.
- Saturday may be used as a make-up day for hours lost to inclement weather.
- When Bricklayers/Stone Masons work on Saturday with Laborers, and no other crafts are working on the project for the day, benefits may be paid at straight time. If other crafts are present, the applicable overtime rate for benefits shall be paid.

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**County - UNION** 

RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays will be observed the following Monday.

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County - UNION

Craft: Carpenter PREVAILING WAGE RATE

	05/09/24
Foreman	W64.41 B38.73 T103.14
Journeyman	W56.01 B33.76 T89.77

Craft: Carpenter APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
Yearly	40%	55%	65%	80%	90%					
Benefit	59.25% of	Appren	tice	Wage Rate	for all	intervals	+ \$0.57			

#### Ratio of Apprentices to Journeymen - 1:3

For Solar installation- all work on solar projects that fall under the jurisdiction of the carpenters, and does not require an electrician, the ratio of Apprentices to Journeymen shall be 1:1.

Craft: Carpenter COMMENTS/NOTES

APPRENTICE RATE SCHEDULE FOR THOSE APPRENTICES REGISTERED AS OF 5-1-19:

INTERVAL PERIOD AND RATES Yearly 40% 55% 65% 80%

Benefits 59.25% of apprentice wage rate for all intervals + \$0.57

#### FOREMAN REQUIREMENTS:

- When there are 2 or more Carpenters on a job, 1 shall be designated as a Foreman.
- When there are 21 or more Carpenters on a job, 2 shall be designated as Foremen.

The regular workday shall consist of 8 hours, starting between 6:00 AM and 9:00 AM.

#### SHIFT DIFFERENTIALS:

- When a 2 shift schedule (including a day shift) is established, the day shift shall be established on an 8 hour basis. The second shift shall be established on an 8 hour basis, and receive the regular rate plus 10%, inclusive of benefits.
- When a three shift schedule is established, the first shift shall be established on an 8 hour basis, the second shift on a 7.5 hour basis, and the third shift on a 7 hour basis. The first shift shall receive the regular hourly rate, the second shift shall receive the regular rate plus 10% and the third shift shall receive the regular rate plus 15%, inclusive of benefits.
- When there is no day shift, and a second or third shift is established, it shall be established on an 8 hour basis. The second shift shall receive the regular rate plus 10% and the third shift shall receive the regular rate plus 15%, inclusive of benefits.
- When an irregular shift must be established, this shift shall receive the regular rate plus 15%, inclusive of benefits.
- All time worked before and after a regularly established shift shall be paid at the applicable overtime rate. When a portion of the regularly established shift works into Saturday, Sunday or a holiday, that time worked shall be paid at the established shift rate.

#### **OVERTIME:**

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#### **County - UNION**

- All hours in excess of 8 per day, or before or after an established shift that are not shift work, and all hours on Saturdays shall be paid at time and one-half the hourly rate, inclusive of benefits. All hours on Sundays and holidays shall be paid at double the hourly rate, inclusive of benefits.
- Four 10-hour days may be worked, Monday to Thursday, at straight time. Friday may be used as a make-up day for a day lost due to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. Veterans' Day may be substituted for the day after Thanksgiving.

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County - UNION

Craft: Carpenter - Resilient Flooring PREVAILING WAGE RATE

	05/01/24
Foreman	W64.41
	B38.64
	T103.05
Journeyman	W56.01
	B33.67
	T89.68

Craft: Carpenter - Resilient Flooring APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES									
Yearly	40%	55%	65%	80%	90%						
Benefit	59.25%	of	Appren	tice	Wage Rate	for all	intervals	+ \$0.48			

#### Ratio of Apprentices to Journeymen - \*

#### **Craft: Carpenter - Resilient Flooring**

#### COMMENTS/NOTES

APPRENTICE RATE SCHEDULE FOR THOSE APPRENTICES REGISTERED AS OF 5-1-19:

INTERVAL PERIOD AND RATES Yearly 40% 55% 65% 80%

Benefits 59.25% of apprentice wage rate for all intervals + \$0.48.

### FOREMAN REQUIREMENTS:

- On any job where there are 4 or more Carpenters of Resilient Flooring, 1 must be designated a Foreman.

#### FOR SYNTHETIC TURF INSTALLATION ONLY:

- The rate shall be 90% of the wage and benefit rate.

The regular workday consists of 8 hours, starting between 6:00 AM and 9:00 AM.

#### SHIFT DIFFERENTIALS:

- When a 2 shift schedule (including a day shift) is established, the day shift, shall be established on an 8 hour basis. The second shift shall be established on an 8 hour basis, and receive the regular wage rate plus 10%.
- When a three shift schedule is established, the first shift shall be established on an 8 hour basis, the second shift on a 7.5 hour basis, and the third shift on a 7 hour basis. The first shift shall receive the regular wage rate, the second shift shall receive the regular wage rate plus 10% and the third shift shall receive the regular wage rate plus 15%.
- When there is no day shift, and a second or third shift is established, it shall be established on an 8 hour basis. The second shift shall receive the regular wage rate plus 10% and the third shift shall receive the regular wage rate plus 15%.
- When an irregular shift must be established, this shift shall receive the regular rate plus 15%, inclusive of benefits.

### **OVERTIME:**

- Hours in excess of 8 per day or 40 per week, or before or after the regular workday, Monday through Friday, shall be paid at time and one-half the wage rate. Saturday may be used as a make-up day, at straight time, up to 8 hours, for hours lost to reasons beyond the control of the employer, up to a total of 40 hours per week; hours in excess of 8 on Saturday shall

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<sup>\* 1</sup> apprentice shall be allowed to every 2 journeymen or major fraction therof. No more than 3 apprentices on any one job or project.

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then be paid at time and one-half the wage rate. If Saturday is not a make-up day, all hours on Saturday shall be paid at time and one-half the wage rate. All hours on Sundays and holidays shall be paid at double the wage rate.

- Four 10-hour days may be worked, Monday to Thursday, at straight time. Friday may be used as a make-up day for hours lost to reasons beyond the control of the employer. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the wage rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays will be observed the following Monday. Veterans' Day may be substituted for the day after Thanksgiving.

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County - UNION

**Craft: Carpenter-Residential Construction** 

PREVAILING WAGE RATE

	05/09/24
Foreman	W54.29 B11.99 T66.28
Journeyman	W47.21 B11.14 T58.35

Craft: Carpenter-Residential Construction

#### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES									
Yearly	40%	55%	65%	80%							
Benefit	12% of	Appren	tice	wage rate	for all	intervals	+ \$5.48				

Ratio of Apprentices to Journeymen - 1:3

**Craft: Carpenter-Residential Construction** 

#### **COMMENTS/NOTES**

#### FOREMAN REQUIREMENTS:

- When there are 2 or more Carpenters on a job, 1 shall be designated as a Foreman.
- When there are 21 or more Carpenters on a job, 2 shall be designated as Foremen.

The regular workday shall consist of 8 hours, starting between 6:00 AM and 9:00 AM.

#### RESIDENTIAL CONSTRUCTION:

All residential construction (excluding commercial buildings and institutional housing), no more than four (4) floors in height above grade consisting of those projects involving the construction, alteration, or repair of town houses or row houses, single family homes, mobile homes, multi-family homes, mixed-use buildings that include commercial space on the first floor or below grade, and apartment buildings.

#### SHIFT DIFFERENTIALS:

- When a 2 shift schedule (including a day shift) is established, the day shift shall be established on an 8 hour basis. The second shift shall be established on an 8 hour basis, and receive the regular rate plus 10%, inclusive of benefits.
- When a three shift schedule is established, the first shift shall be established on an 8 hour basis, the second shift on a 7.5 hour basis, and the third shift on a 7 hour basis. The first shift shall receive the regular hourly rate, the second shift shall receive the regular rate plus 10% and the third shift shall receive the regular rate plus 15%, inclusive of benefits.
- When there is no day shift, and a second or third shift is established, it shall be established on an 8 hour basis. The second shift shall receive the regular rate plus 10% and the third shift shall receive the regular rate plus 15%, inclusive of benefits
- When an irregular shift must be established, this shift shall receive the regular rate plus 15%, inclusive of benefits.

#### OVERTIME:

- All hours in excess of 8 per day, or before or after an established shift that are not shift work, and all hours on Saturdays shall be paid at time and one-half the hourly rate, inclusive of benefits. All hours on Sundays and holidays shall be paid at double the hourly rate, inclusive of benefits.
- Four 10-hour days may be worked, Monday to Thursday, at straight time. Friday may be used as a make-up day for a

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day lost due to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. Veterans' Day may be substituted for the day after Thanksgiving.

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Craft: Cement Ma	Iason PREVAILING WAGE RATE									
See "Bricklayer, Stone Mason" Rates										
Craft: Cement Ma	ason A	PPRENTICE RATE SCH	EDULE							
INTERVAL	PERIO	OD AND RATES								
Ratio of Apprentic	es to Journeymen - 1:4	•	+							
Craft: Cement Mason COMMENTS/NOTES										
***See "Bricklayer, Stone Mason" Rates***										

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County - UNION

Craft: Commercial Painter PREVAILING WAGE RATE

	05/29/24
Foreman	W48.90 B30.71 T79.61
General Foreman	W53.34 B30.71 T84.05
Journeyman	W44.45 B30.71 T75.16

Craft: Commercial Painter APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES									
6 Months	40%	45%	55%	65%	70%	75%	80%	80%			
Benefits	9.40	9.40	11.90	11.90	13.00	13.00	15.90	15.90			

#### Ratio of Apprentices to Journeymen - 1:4

#### Craft: Commercial Painter COMMENTS/NOTES

\* Commercial Painters perform work on all commercial structures such as offices, schools, hotels, shopping malls, restaurants, condominiums, etc.

Spraying, sandblasting, lead abatement work on commercial buildings, work performed above 3 stories or 30 feet in height, or using swing scaffolds requires an additional 10% of the wage rate.

#### FOREMEN REQUIREMENTS:

- When there are 4 or more Painters on a job, 1 shall be designated a Foreman.
- When there are 15 or more Painters on a job, 1 shall be designated a General Foreman.

The regular workday shall consist of 8 hours between 7:00 AM and 5:30 PM.

#### SHIFT DIFFERENTIALS:

- The second shift shall receive an additional 10% of the hourly rate, per hour, and the third shift shall receive an additional 15% of the hourly rate, per hour.

#### **OVERTIME:**

- Hours in excess of 8 per day, or before or after the regular workday, Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the regular rate. All hours on Sundays and holidays shall be paid at double the regular rate.
- Saturday or Sunday may be used to make up a day lost to inclement weather, at straight time.
- Four 10-hour days may be worked, at straight time, Monday through Friday.

RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Memorial Day, July 4th, Labor Day, General Election Day,

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Veterans' Day, Thanksgiving Day, Christmas Day.

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County - UNION

Craft: Diver PREVAILING WAGE RATE

	05/01/24
Diver	W64.72 B52.74 T117.46
Tender	W52.98 B52.74 T105.72

Craft: Diver COMMENTS/NOTES

NOTE: All dive crews must consist of a Tender, a Diver, and a standby Diver (standby Diver is the same rate as a Diver).

DEPTH & PENETRATION RATES: Divers shall be paid the following depth and penetration rates, in addition to the regular hourly rate, when applicable:

### AIR DIVES: MIXED GAS DIVES:

0-59 feet: No additional wage 60-74 feet: + \$0.25 per foot 75-125 feet: + \$1.00 per foot 75-125 feet: + \$2.00 per foot

## PENETRATION DIVES:

126-200 feet: + \$1.50 per foot 201-275 feet: + \$1.75 per foot 276-350 feet: + \$2.00 per foot 351-425 feet: + \$2.50 per foot

### SHIFT DIFFERENTIAL:

- When a 2 shift schedule (including a day shift) is established, the day shift shall be established on an 8 hour basis. The second shift shall be established on an 8 hour basis and receive an additional 113% of the wage rate.
- When a three shift schedule is established, all three shifts shall be established on an 8 hour basis, but the second and third shifts shall receive an additional 113% of the wage rate.
- Benefits on shift work shall be paid at the straight-time rate.

#### **OVERTIME:**

Hours in excess of 8 per day, Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Presidential Election Day, Thanksgiving Day, Christmas Day. Veterans' Day may be switched with the day after Thanksgiving.

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County - UNION

Craft: Dockbuilder/Pile Driver PREVAILING WAGE RATE

	05/01/24
Foreman	W60.93 B52.74 T113.67
Foreman (Concrete Form Work)	W59.82 B39.39 T99.21
Journeyman	W52.98 B52.74 T105.72
Journeyman (Concrete Form Work)	W52.02 B39.39 T91.41

Craft: Dockbuilder/Pile Driver APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES									
Yearly	21.19	26.49	34.44	42.38							
Benefits	34.70	for all	intervals								

## Ratio of Apprentices to Journeymen - \*

Craft: Dockbuilder/Pile Driver COMMENTS/NOTES

APPRENTICE RATE SCHEDULE FOR CONCRETE FORM WORK ONLY:

INTERVAL PERIOD AND RATES
Yearly 20.81 26.01 33.81 41.62

Benefits 26.73 for all intervals

### CREOSOTE HANDLING:

When handling creosote products on land piledriving, floating marine construction, and construction of wharves, the worker shall receive an additional \$0.25 per hour.

## HAZARDOUS WASTE WORK:

- Hazardous waste removal work on a state or federally designated hazardous waste site where Level A, B, or C personal protection is required: an additional 20% of the hourly rate, per hour.
- Hazardous waste removal work in Level D, or where personal protection is not required: an additional \$1.00 per hour.

CERTIFIED WELDER: When required on the job by the project owner, a Certified Welder shall receive an additional \$1.00 per hour.

#### FOREMAN REQUIREMENTS:

The first Dockbuilder/Pile Driver on the job shall be designated a Foreman.

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<sup>\*</sup> When there are 4 or fewer Dockbuilders/Pile Drivers on a job, no more than 1 may be an apprentice. When there are 5 or more Dockbuilders/Pile Drivers, there may be 1 apprentice for every 5 Dockbuilders/Pile Drivers.

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#### SHIFT DIFFERENTIAL:

- When a 2 shift schedule (including a day shift) is established, the day shift shall be established on an 8 hour basis. The second shift shall be established on an 8 hour basis and receive an additional 113% of the wage rate.
- When a three shift schedule is established, all three shifts shall be established on an 8 hour basis, but the second and third shifts shall receive an additional 113% of the wage rate.
- Benefits on shift work shall be paid at the straight-time rate.

#### **OVERTIME:**

Hours in excess of 8 per day, Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Presidential Election Day, Thanksgiving Day, Christmas Day. Veterans' Day may be switched with the day after Thanksgiving.

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County - UNION

Craft: Drywall Finisher PREVAILING WAGE RATE

	05/29/24
Foreman	W47.75
	B31.11
	T78.86
General Foreman	W49.92
	B31.11
	T81.03
Journeyman	W43.41
	B31.11
	T74.52

Craft: Drywall Finisher APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES									
6 Months	40%	50%		60%	70%		80%	90%			
Benefits	Intervals	1 to 2 =	11.90	Intervals	3 to 4 =	15.03	Intervals	5 to 6 =	18.84		

### Ratio of Apprentices to Journeymen - 1:4

Craft: Drywall Finisher COMMENTS/NOTES

The regular workday shall consist of 8 hours between 7:00 AM and 5:30 PM.

### SHIFT DIFFERENTIALS:

- The second shift shall receive an additional 10% of the hourly rate, per hour, and the third shift shall receive an additional 15% of the hourly rate, per hour.
- When 3 shifts are worked, the second shift shall receive 8 hours pay for 7.5 hours of work, and the third shift shall receive 8 hours pay for 7 hours of work.
- Shift work must run for a minimum of 5 consecutive workdays.

#### **OVERTIME:**

- Hours in excess of 8 per day, Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sundays and holidays shall be paid at double the regular rate, inclusive of benefits.
- Saturday or Sunday may be used to make up a day lost to inclement weather, at straight time.

RECOGNIZED HOLIDAYS: New Year's Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Saturday holiday observed the preceding Friday. Sunday holiday observed the following Monday.

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**County - UNION** 

Craft: Electrician PREVAILING WAGE RATE

	06/03/24
Cable Splicer	W69.72
	B44.96
	T114.68
Foreman (11-20	W74.15
Journeymen)	B47.84
	T121.99
Foreman (1-3	W69.72
Journeymen)	B44.96
	T114.68
Foreman (4-10	W72.89
Journeymen)	B47.02
	T119.91
General Foreman (21-30	W76.06
Journeymen)	B49.06
	T125.12
General Foreman (31-60	W82.39
Journeymen)	B53.15
	T135.54
General Foreman (61+	W83.66
Journeymen)	B53.97
	T137.63
Journeyman	W63.38
	B40.89
	T104.27
Sub-Foreman	W72.25
	B46.61
	T118.86
I .	1

Craft: Electrician APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES										
Yearly	40%	49%	58%	68%	80%		of Jour	neyman	Wage	Rate		
Benefit	40%	49%	58%	68%	80%		of Jour	neyman	Benefit	Rate		

Ratio of Apprentices to Journeymen - 2:3

Craft: Electrician COMMENTS/NOTES

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County - UNION

#### THESE RATES ALSO APPLY TO THE FOLLOWING:

- -All burglar and fire alarm work.
- -All fiber optic work.
- -Teledata work in new construction.
- -Teledata work involving 16 Voice/Data Lines or more.

The regular workday shall be 8 hours, between 8:00 AM and 4:30 PM.

#### FOREMAN REQUIREMENTS:

- 1 to 3 Journeymen- 1 must be a Foreman (Foreman/1-3 Journeymen rate).
- -4 to 10 Journeymen- 1 must be a Foreman (Foreman/4-10 Journeymen rate).
- -11 to 20 Journeymen- 1 must be Foreman (Foreman/11-20 Journeymen rate) and 1 must be a Sub-Foreman.
- -21 to 30 Journeymen- 1 must be a General Foreman (General Foreman/21-30 Journeymen rate) and 2 must be a Sub-Foreman.
- -31 to 40 Journeymen- 1 must be a General Foreman (General Foreman/31-40 Journeymen rate) and 3 must be a Sub-Foreman.
- -41 to 50 Journeymen- 1 must be a General Foreman (General Foreman/31-60 Journeymen rate) and 4 must be a Sub-Foreman.
- -51 to 60 Journeymen- 1 must be a General Foreman (General Foreman/31-60 Journeymen rate) and 5 must be a Sub-Foreman.
- -61+ Journeymen- 1 must be a General Foreman (General Foreman/61+ Journeymen rate) and 6 must be a Sub-Foreman.

### SHIFT DIFFERENTIALS:

- Shift work must run for a minimum of 5 consecutive workdays.
- 2nd Shift (4:30 PM to 12:30 AM) shall receive 8 hours pay for 7.5 hours work + an additional 10% of the regular rate, per hour, inclusive of benefits.
- 3rd Shift (12:30 AM to 8:00 AM) shall receive 8 hours pay for 7 hours work + an additional 15% of the regular rate, per hour, inclusive of benefits.

### **OVERTIME:**

Hours in excess of 8 per day, or outside of the regular workday, Monday through Friday, and all hours on Saturdays, shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sundays and holidays shall be paid at double the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day.

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County - UNION

Craft: Electrician - Teledata (15 Voice/Data Lines & Less)

PREVAILING WAGE RATE

	12/04/23	12/02/24
Journeyman Technician	W47.08	W48.21
(1-2 Workers on Job)	B27.78	B28.45
	T74.86	T76.66
Master Tech/General	W61.20	W62.67
Foreman	B36.12	B36.99
(26 + Workers on Job)	T97.32	T99.66
Senior Technician/Lead	W56.03	W57.37
Foreman	B33.05	B33.86
(16-25 Workers on Job)	T89.08	T91.23
Technician A/Foreman	W53.67	W54.96
(9-15 Workers on Job)	B31.67	B32.43
	T85.34	T87.39
Technician B/Working	W51.32	W52.55
Foreman	B30.28	B31.01
(4-8 Workers on Job)	T81.60	T83.56
Technician C/Foreman	W48.96	W50.14
(3 Workers on Job)	B28.89	B29.59
	T77.85	T79.73

Craft: Electrician - Teledata (15 Voice/Data Lines & Less)

## APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES										
6 Months	35%	35%	40%	43%	48%	54%	61%	67%	74%	81%		
Benefits	7.45	7.45	8.51	9.15	10.22	11.49	12.98	14.26	15.76	17.24		

Ratio of Apprentices to Journeymen - 2:3

Craft: Electrician - Teledata (15 Voice/Data Lines & Less) COMMENTS/NOTES

APPRENTICE RATE SCHEDULE FOR THOSE APPRENTICES ENTERING PROGRAM AFTER 11-28-22:

NTERVAL PERIOD AND RATES

6 Months 35% 35% 40% 43% 48% 54% 61% 67% 74% 81% Benefits 7.67 7.67 8.76 9.43 10.52 11.84 13.38 14.69 16.22 17.76

APPRENTICE RATE SCHEDULE FOR THOSE APPRENTICES ENTERING PROGRAM AFTER 12-4-23:

NTERVAL PERIOD AND RATES

6 Months 35% 35% 40% 43% 48% 54% 61% 67% 74% 81% Benefits 7.88 7.88 9.00 9.68 10.80 12.15 13.73 15.09 16.66 18.23

APPRENTICE RATE SCHEDULE FOR THOSE APPRENTICES ENTERING PROGRAM AFTER 12-2-24:

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County - UNION

NTERVAL PERIOD AND RATES
6 Months 35% 35% 40% 43% 48% 54% 61% 67% 74% 81%
Benefits 8.07 8.07 9.22 9.91 11.07 12.45 14.06 15.44 17.06 18.68

#### NOTES:

- These rates are for service, maintenance, moves, and/or changes affecting
- 15 Voice/Data (teledata) lines or less. These rates may NOT be used for any teledata work in new construction (including additions) or any fiber optic work.
- The number of Teledata workers on the jobsite is the determining factor for which Foreman category applies .

The regular workday shall be 8 hours, between 7:00 AM and 5:30 PM.

#### SHIFT DIFFERENTIALS:

- Shift work must run for a minimum of 5 consecutive workdays.
- 2nd Shift (4:30 PM to 12:30 AM) shall receive 8 hours pay for 7.5 hours work + an additional 10% of the regular rate, per hour, inclusive of benefits.
- 3rd Shift (12:30 AM to 8:00 AM) shall receive 8 hours pay for 7 hours work + an additional 15% of the regular rate, per hour, inclusive of benefits.

#### **OVERTIME:**

Hours in excess of 8 per day, or before or after the regular workday, Monday through Friday, that are not shift work, and the first 10 hours on Saturday, shall be paid at time and one-half the regular rate, inclusive of benefits. Hours in excess of 10 on Saturday and all hours on Sunday and holidays shall be paid at double the regular rate, inclusive of benefits.

- Four 10-hour days may be worked Monday through Friday, between the hours of 7:00 AM and 5:30 PM. A make-up day may be used for a day not being worked during the four 10-hour day schedule if a holiday occurs during the week or for any other conditions that prevent an employee from working the four 10-hour day schedule.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans Day, Thanksgiving Day, Christmas Day. Sunday holidays will be observed the following Monday. Saturday holidays will be observed the preceding Friday.

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**County - UNION** 

Craft:	Electrician - Teledata (16 Instruments & More)	PREVAILING WAGE RATE
	See "Electrician" Rates	
Craft:	Electrician - Teledata (16 Instruments & More)	COMMENTS/NOTES
***See	ELECTRICIAN Rates***	

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**County - UNION** 

## Craft: Electrician- Outside Commercial

## PREVAILING WAGE RATE

	06/03/24
Cable Splicer	W70.04
•	B44.66
	T114.70
Certified Welder	W66.86
Certified Weider	B42.62
	T109.48
Equipment Operator	W63.67
	B40.60
	T104.27
Foreman (11-20	W74.50
Journeymen workers on	B47.50
job)	T122.00
Foreman (1-3	W70.04
Journeymen workers on	B44.66
job)	T114.70
Foreman (4-10	W73.23
Journeymen workers on	B46.70
job)	T119.93
General Foreman (21-30	W76.41
Journeymen workers on	B48.71
job)	T125.12
General Foreman (31-60	W82.78
Journeymen workers on	B52.76
job)	T135.54
General Foreman (61+	W84.05
Journeymen workers on	B53.58
job)	T137.63
Groundman	W38.21
	B24.35
	T62.56
Journeyman	W63.67
Lineman/Technician	B40.60
	T104.27
Sub-Foreman	W72.59
	B46.27
	T118.86

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County - UNION

Craft: Electrician- Outside Commercial APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES										
1000 Hours	60%	65%	70%	75%	80%	85%	90%					
Benefits	61.75% of	Journey	man	wage	+ \$.01							

Craft: Electrician- Outside Commercial COMMENTS/NOTES

### APPRENTICE RATE SCHEDULE AS OF 5-29-23:

Interval Period and Rates

1000 Hours 60% 65% 70% 75% 80% 85% 90%

Benefits 62.75% of the Journeyman wage + \$.01

#### APPRENTICE RATE SCHEDULE AS OF 6-3-24:

Interval Period and Rates

1000 Hours 60% 65% 70% 75% 80% 85% 90%

Benefits 63.75% of the Journeyman wage + \$.01

### \* FOR UTILITY WORK PLEASE SEE STATEWIDE RATES

The regular worday shall be 8 hours, between 8:00 AM and 4:30 PM.

### FOREMAN REQUIREMENTS:

- 1 to 3 Journeymen- 1 must be a Foreman (Foreman/1-3 Journeymen rate).
- -4 to 10 Journeymen- 1 must be a Foreman (Foreman/4-10 Journeymen rate).
- -11 to 20 Journeymen- 1 must be Foreman (Foreman/11-20 Journeymen rate) and 1 must be a Sub-Foreman.
- -21 to 30 Journeymen- 1 must be a General Foreman (General Foreman/21-30 Journeymen rate) and 2 must be a Sub-Foreman.
- -31 to 40 Journeymen- 1 must be a General Foreman (General Foreman/31-40 Journeymen rate) and 3 must be a Sub-Foreman.
- -41 to 50 Journeymen- 1 must be a General Foreman (General Foreman/31-60 Journeymen rate) and 4 must be a Sub-Foreman.
- -51 to 60 Journeymen- 1 must be a General Foreman (General Foreman/31-60 Journeymen rate) and 5 must be a Sub-Foreman.
- -61+ Journeymen- 1 must be a General Foreman (General Foreman/61+ Journeymen rate) and 6 must be a Sub-Foreman.

#### SHIFT DIFFERENTIALS:

Shift work must run for a minimum of 5 consecutive workdays.

2nd Shift (4:30 PM to 12:30 AM): 8 hrs. pay for 7.5 hrs. work + an additional 10% of the regular rate, inclusive of benefits.

3rd Shift (12:30 AM to 8:00 AM): 8 hrs. pay for 7 hrs. work + an additional 15% of the regular rate per hour, inclusive benefits.

#### **OVERTIME:**

Hours in excess of 8 per day, or outside of the regular workday, Monday through Friday, and all hours on Saturdays, shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sundays and holidays shall be paid at double the regular rate, inclusive of benefits.

## RECOGNIZED HOLIDAYS:

New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day,

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**County - UNION** 

Thanksgiving Day and Christmas Day.

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County - UNION

Craft: Electrician-Utility Work (North) PREVAILING W.	<i>N</i> AGE KATE
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Rates are located in the "Statewide" rate package

Craft: Electrician-Utility Work (North)

### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
* 6 Months	60%	65%	70%	75%	80%	85%	90%			
Benefits	69% of	Appren	tice	Wage	Rate	for all	intervals			

Craft: Electrician-Utility Work (North) COMMENTS/NOTES

Electrician-Utility Work (North) rates are located in the "Statewide" rate package.

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<sup>\*</sup> The apprentice wage rate is paid at the percentage of the Journeyman Lineman wage rate located in the "Statewide" rate package.

County - UNION

Craft: Electrician-Utility Work (South) PREVAILING WAGE RATE

Rates are located in the "Statewide" rate package

Craft: Electrician-Utility Work (South)

### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
6 Months	32.52	35.23	37.94	40.65	43.36	46.07	48.78			
Benefits	28.97	30.65	32.31	33.98	35.69	37.36	39.02			

Craft: Electrician-Utility Work (South)

**COMMENTS/NOTES** 

 ${\bf Electrician-Utility\ Work\ (South)\ rates\ are\ located\ in\ the\ "Statewide"\ rate\ package.}$ 

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County - UNION

Craft: Elevator Constructor PREVAILING WAGE RATE

		03/29/23
_		00/20/20
	Journeyman	W77.49
		B45.23
		T122.72

Craft: Elevator Constructor APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
Yearly	34.60	42.62	50.37	58.12						
Benefits	35.56	36.49	38.02	39.55						

### Ratio of Apprentices to Journeymen - 1:1

#### Craft: Elevator Constructor COMMENTS/NOTES

The regular workday shall consist of either 7 or 8 hours to be established at the beginning of the project, between 7:00 AM and 4:30 PM.

#### **OVERTIME:**

For all hours worked before or after the regular workday, Monday through Friday, and all hours on Saturday and Sunday, shall be paid at double the hourly rate. Holiday pay is one days wages (8 hours) plus double the hourly rate for all hours worked.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Good Friday, Memorial Day, July 4th, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day and the day after, Christmas Day. Saturday holidays shall be observed on the previous Friday and Sunday holidays shall be observed on the following Monday.

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County - UNION

Craft: Elevator Modernization & Service

PREVAILING WAGE RATE

	03/29/23
Journeyman	W60.89
	B44.07
	T104.96

**Craft: Elevator Modernization & Service** 

#### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
Yearly	34.60	33.49	39.58	45.67						
Benefits	35.50	36.07	37.52	38.97						

#### Ratio of Apprentices to Journeymen - 1:1

#### **Craft: Elevator Modernization & Service**

#### **COMMENTS/NOTES**

MODERNIZATION (addition, replacement, refurbishing, relocation, or changes in design or appearance, of elevator equipment in existing buildings):

- The regular workday consists of 8 hours, between 7:00 AM and 4:30 PM.

#### - Overtime:

Hours in excess of 8 per day, or before or after the regular workday, Monday through Friday, and all hours on Saturday and Sunday shall be paid at time and one-half the hourly rate. Holiday pay is one days wages (8 hours) plus time and one-half the hourly rate for all hours worked.

SERVICE (repair or replacement of parts for the purpose of maintaining elevator equipment in good operating condition):

- The regular workday consists of 8 hours, between 6:00 AM and 6:00 PM.

#### - Overtime:

Hours in excess of 8 per day, or before or after the regular workday, Monday through Friday, and all hours on Saturday shall be paid at time and one-half the hourly rate. All hours on Sunday and holidays shall be paid at double the hourly rate.

RECOGNIZED HOLIDAYS (Modernization and Service): New Year's Day, Presidents' Day, Good Friday, Memorial Day, July 4th, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day and the day after, Christmas Day. Saturday holidays shall be observed on the previous Friday and Sunday holidays shall be observed on the following Monday.

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County - UNION

Craft: Glazier PREVAILING WAGE RATE

	05/09/24
* Leadman	W53.43 B31.98 T85.41
Foreman	W55.43 B32.22 T87.65
General Foreman	W57.43 B32.47 T89.90
Journeyman	W51.43 B31.74 T83.17

Craft: Glazier APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
6 Months	46%	46%	55%	55%	61%	61%	70%	70%		
Benefits	12.44	12.44	14.76	14.76	18.16	18.16	19.79	19.79		

### Ratio of Apprentices to Journeymen - 1:4

Craft: Glazier COMMENTS/NOTES

Hazard/Height Pay: +\$1.00 per hour

\* When there are three (3) men working on a jobsite for three (3) days or longer, 1 Journeyman may be designated as a Leadman for the duration of the job, provided he has his OSHA certification.

## FOREMAN REQUIREMENTS:

- When there are 4 or more Glaziers on a job, 1 must be designated a Foreman.
- When there are 15 or more Glaziers on a job, 1 must be designated a General Foreman.

The regular workday shall consist of 8 hours, between 7:00 AM and 5:30 PM, Monday to Friday.

## SHIFT DIFFERENTIALS:

- The second shift shall receive an additional 10% of the hourly rate, per hour, and the third shift shall receive an additional 15% of the hourly rate, per hour.
- When 3 shifts are worked, the second shift shall receive 8 hours pay for 7.5 hours of work, and the third shift shall receive 8 hours pay for 7 hours of work.

## OVERTIME:

Hours in excess of 8 per day, or before or after the regular workday Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the regular rate. All hours on Sundays and holidays shall be paid at double the regular

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**County - UNION** 

rate.

RECOGNIZED HOLIDAYS: New Year's Day, Memorial Day, July 4th, Labor Day, General Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Saturday holiday observed the preceding Friday. Sunday holiday observed the following Monday.

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County - UNION

Craft: Heat & Frost Insulator PREVAILING WAGE RATE

	09/19/23
Foreman	W60.97
	B37.97
	T98.94
General Foreman	W63.31
	B39.08
	T102.39
Journeyman	W58.69
	B37.41
	T96.10

Craft: Heat & Frost Insulator APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
Yearly	27.51	32.64	39.31	45.91						
Benefits	21.73	25.78	28.63	31.61						

### Ratio of Apprentices to Journeymen - 1:3

## Craft: Heat & Frost Insulator COMMENTS/NOTES

NOTE: These rates apply to the installing of insulation on hot and cold mechanical systems.

The regular workday shall be 8 hours between 7:00 AM and 3:30 PM. In addition, the regular workday may also be 8 hours between 6:00 AM and 2:30 PM.

## SHIFT DIFFERENTIAL:

- Shift work must run for a minimum of 5 consecutive workdays.
- Second Shift shall work 7.5 hours and receive 8 hours pay, at the regular rate, plus 25% per hour.
- Third Shift shall work 7 hours and receive 8 hours pay, at the regular rate, plus 30% per hour.

#### **OVERTIME:**

The first 2 hours in excess of 8 per day, hours outside of the regular workday Monday through Friday that are not shift work, and the first 10 hours on Saturday, shall be paid at time and one-half the regular rate, inclusive of benefits. All hours in excess of 10 per day, and all hours on Sunday and holidays (except Labor Day) shall be paid at double the regular rate, inclusive of benefits. All hours on Labor Day shall be paid at triple the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Presidential Election Day, Thanksgiving Day and Christmas Day. Sunday holidays observed the following Monday.

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County - UNION

Craft: Heat & Frost Insulator - Asbestos Worker PREVAILING WAGE RATE

	09/19/23
Asbestos Helper	W36.89
Abatement	B24.92
	T61.81

Craft: Heat & Frost Insulator - Asbestos Worker APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
	SEE	НЕАТ &	FROST	INSULAT						
				OK .						

Ratio of Apprentices to Journeymen - 1:3

Craft: Heat & Frost Insulator - Asbestos Worker COMMENTS/NOTES

NOTE: These rates apply only to the removal of insulation materials/asbestos from mechanical systems, including containment erection and demolition, and placing material in appropriate containers.

The regular workday shall be 8 hours between 7:00 AM and 3:30 PM. In addition, the regular workday may also be 8 hours between 6:00 AM and 2:30 PM.

### SHIFT DIFFERENTIALS:

- Shift work must run for a minimum of 5 consecutive workdays.
- The second shift shall work 7.5 hours and receive 8 hours pay at the regular rate, plus 25% per hour.
- The third shift shall work 7 hours and receive 8 hours pay at the regular rate, plus 30% per hour.

OVERTIME: The first 2 hours in excess of 8 per day, hours outside of the regular workday Monday through Friday that are not shift work, and the first 10 hours on Saturday, shall be paid at time and one-half the regular rate, inclusive of benefits. All hours in excess of 10 per day, and all hours on Sunday and holidays (except Labor Day) shall be paid at double the regular rate, inclusive of benefits. All hours on Labor Day shall be paid at triple the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Presidential Election Day, Thanksgiving Day and Christmas Day. Sunday holidays observed the following Monday.

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County - UNION

Craft: Industrial Painter- Bridges PREVAILING WAGE RATE

	03/21/24	02/01/25	02/01/26
Foreman	W64.29	W0.00	W0.00
	B35.91	B0.00	B0.00
	T100.20	T102.20	T104.20
General Foreman	W66.79	W0.00	W0.00
	B35.91	B0.00	B0.00
	T102.70	T104.70	T106.70
Journeyman	W59.29	W0.00	W0.00
	B35.91	B0.00	B0.00
	T95.20	T97.20	T99.20
T. Control of the con	1		1

Craft: Industrial Painter- Bridges APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
6 Months	50%	70%	90%							
Benefits	14.10	21.26	27.88							

### Ratio of Apprentices to Journeymen - 1:3

## Craft: Industrial Painter- Bridges

## COMMENTS/NOTES

These rates apply to: All bridges that span waterways, roadways, railways and canyons. All tunnels, overpasses, viaducts and all appurtenances.

## FOREMEN REQUIREMENTS:

- When there are 4 or more Painters on a job, 1 shall be designated a Foreman.
- When there are 15 or more Painters on a job, 1 shall be designated a General Foreman.

The regular workday shall consist of 8 hours between 7:00 AM and 5:30 PM.

### SHIFT DIFFERENTIALS:

- The second shift shall receive an additional 10% of the hourly rate, per hour, and the third shift shall receive an additional 15% of the hourly rate, per hour.

### **OVERTIME:**

- Hours in excess of 8 per day, Monday through Friday, and all hours on Saturdays and Sundays shall be paid at time and one-half the regular rate. All hours on holidays shall be paid at double the regular rate, except Veterans Day, which shall be paid at time and one-half the regular rate.
- During a regular work week schedule, Saturday may be used as a make-up day lost to inclement weather, paid at the regular rate.
- Four 10-hour days may be worked, at the regular rate, Monday through Thursday. When the four 10-hour day schedule is used, the 11th and 12th hours shall be paid at time and one-half the regular rate. After the 12th hour, a worker shall be paid at double the regular rate. Friday may be used as a make-up day lost to inclement weather, paid at the regular rate.

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<sup>\*</sup> Industrial Painters perform work on all industrial structures, such as bridges.

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RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans Day, Thanksgiving Day, Christmas Day. Saturday holiday observed the preceding Friday. Sunday holiday observed the following Monday.

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County - UNION

Craft: Industrial Painter- Structural Steel

#### PREVAILING WAGE RATE

	03/21/24	02/01/25	02/01/26
Foreman	W53.03	W0.00	W0.00
	B33.56	B0.00	B0.00
	T86.59	T88.59	T90.59
General Foreman	W55.53	W0.00	W0.00
	B33.56	B0.00	B0.00
	T89.09	T91.09	T93.09
Journeyman	W48.03	W0.00	W0.00
	B33.56	B0.00	B0.00
	T81.59	T83.59	T85.59

Craft: Industrial Painter- Structural Steel

#### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES									
	SEE	INDUST	RIAL	PAINTER	BRIDGES						

### Ratio of Apprentices to Journeymen - 1:3

## **Craft: Industrial Painter- Structural Steel**

### **COMMENTS/NOTES**

\* Industrial Painters perform work on all industrial structures, such as water tanks, waste water facilitites, refineries, any structural steel work, etc.

These rates apply to: All work in power plants (any aspect). On steeples, on dams, on hangers, transformers, substations, on all open steel, in refineries, tank farms, water/sewerage treatment facilities and on pipelines.

### FOREMEN REQUIREMENTS:

- When there are 4 or more Painters on a job, 1 shall be designated a Foreman.
- When there are 15 or more Painters on a job, 1 shall be designated a General Foreman.

The regular workday shall consist of 8 hours between 7:00 AM and 5:30 PM.

### SHIFT DIFFERENTIALS:

- The second shift shall receive an additional 10% of the hourly rate, per hour, and the third shift shall receive an additional 15% of the hourly rate, per hour.

#### **OVERTIME:**

- Hours in excess of 8 per day, Monday through Friday, and all hours on Saturdays and Sundays shall be paid at time and one-half the regular rate. All hours on holidays shall be paid at double the regular rate, except for Veterans Day, which shall be paid at time and one-half the regular rate.
- During the regular work week schedule, Saturday may be used to make-up a day lost to inclement weather, paid at the regular rate.
- Four 10-hour days may be worked, at the regular rate, Monday through Thursday. When the four 10-hour day schedule is used, the 11th and 12th hours shall be paid at time and one-half the regular rate. After the 12th hour, a worker shall be paid at double the regular rate. Friday may be used as a make-up day lost to inclement weather, paid at the regular rate.

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**County - UNION** 

RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans Day, Thanksgiving Day, Christmas Day. Saturday holiday observed the preceding Friday. Sunday holiday observed the following Monday.

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County - UNION

Craft: Industrial Painter- Water Tanks

#### PREVAILING WAGE RATE

	03/21/24	02/01/25	02/01/26
Foreman	W54.08	W0.00	W0.00
	B33.21	B0.00	B0.00
	T87.29	T89.29	T91.29
General Foreman	W56.58	W0.00	W0.00
	B33.21	B0.00	B0.00
	T89.79	T91.79	T93.79
Journeyman	W49.08	W0.00	W0.00
	B33.21	B0.00	B0.00
	T82.29	T84.29	T86.29

Craft: Industrial Painter- Water Tanks

#### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
6 Months	50%	70%	90%							
Benefits	14.10	21.26	27.88							

### Ratio of Apprentices to Journeymen - 1:3

### **Craft: Industrial Painter- Water Tanks**

## **COMMENTS/NOTES**

\* Industrial Painters perform work on all industrial structures, such as water tanks, waste water facilitites, refineries, any structural steel work, etc.

These rates apply to: All new and repaint water tanks (interior and exterior).

### FOREMEN REQUIREMENTS:

- When there are 4 or more Painters on a job, 1 shall be designated a Foreman.
- When there are 15 or more Painters on a job, 1 shall be designated a General Foreman.

The regular workday shall consist of 8 hours between 7:00 AM and 5:30 PM.

### SHIFT DIFFERENTIALS:

- The second shift shall receive an additional 10% of the hourly rate, per hour, and the third shift shall receive an additional 15% of the hourly rate, per hour.

## OVERTIME:

- Hours in excess of 8 per day, Monday through Friday, and all hours on Saturdays and Sundays shall be paid at time and one-half the regular rate. All hours on holidays shall be paid at double the regular rate, except Veterans Day, which shall be paid at time and one-half the regular rate.
- During a regular work week schedule, Saturday may be used to make-up a day lost to inclement weather, paid at the regular rate.
- Four 10-hour days may be worked, at the regular rate, Monday through Thursday. When the four 10-hour day schedule is used, the 11th and 12th hours shall be paid at time and one-half the regular rate. After the 12th hour, a worker shall be paid at double the regular rate. Friday may be used as a make-up day lost to inclement weather, paid at the regular rate.

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RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans Day, Thanksgiving Day, Christmas Day. Saturday holiday observed the preceding Friday. Sunday holiday observed the following Monday.

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Craft: Ironworker PREVAILING WAGE RATE

	07/03/24
Rod /Fence Foreman	W53.29
	B50.87
	T104.16
Rod/Fence Journeyman	W48.44
	B50.87
	T99.31
Structural Foreman	W55.82
	B50.87
	T106.69
Structural Journeyman	W50.74
	B50.87
	T101.61
	1

Craft: Ironworker APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
6 Months	50%	60%		Yearly	70%	80%	90%			
Benefits	same as	journeyma	amount							

### Ratio of Apprentices to Journeymen - 1:4

### Craft: Ironworker COMMENTS/NOTES

HAZARDOUS WASTE WORK: On hazardous waste removal work on a state or federally designated hazardous waste site where the Ironworker is required to wear Level A,B, or C personal protection: +\$3.00 per hour

The regular workday consists of 8 hours between 6:00 AM and 4:30 PM.

## FOREMAN REQUIREMENTS:

When there are 2 or more Ironworkers on a job, 1 shall be designated a Foreman.

### SHIFT DIFFERENTIALS:

- When a 2 shift schedule is established, the first, or day shift, shall be established on an 8 hour basis. The second shift shall be established on an 8 hour basis, and receive the regular rate plus 15%.
- When a three shift schedule is established, the first shift shall be established on an 8 hour basis, the second shift on a 7.5 hour basis, and the third shift on a 7 hour basis. The first shift shall receive the regular hourly rate, the second shift shall receive the regular rate plus 15%, and the third shift shall receive the regular rate plus 20%.
- When there is no day shift, and a second or third shift is established, it shall be established on an 8 hour basis.
- When an irregular shift is established for the Ironworker (Structural) classification, the rate shall be paid at time and one-half the regular rate, inclusive of benefits. When an irregular shift is established for the Rod/Fence classification, the shift shall be established on an 8 hour basis and receive the regular rate, plus 20%.

## **OVERTIME:**

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- All hours in excess of 8 per day, or before or after an established shift that are not shift work, and all hours on Saturday, shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sunday and holidays shall be paid at double the hourly rate, inclusive of benefits. Saturday may be used as a make-up day for a day lost to inclement weather. If Saturday is not a make-up day, all hours on Saturday shall be paid at time and one-half the hourly rate, inclusive of benefits.
- Four 10-hour days may be worked, Monday to Thursday, at straight time. Friday may be used as a make-up day for a day lost to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans Day, Thanksgiving Day, Christmas Day.

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Craft: Laborer - Asbestos & Hazardous Waste Removal

PREVAILING WAGE RATE

	09/05/23
Foreman	W44.75 B24.71 T69.46
Journeyman (Handler)	W39.78 B24.71 T64.49

Craft: Laborer - Asbestos & Hazardous Waste Removal

#### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
Yearly	22.07	25.75	29.42	33.10						
Benefits	22.06	for	all	intervals						

### Ratio of Apprentices to Journeymen - \*

## Craft: Laborer - Asbestos & Hazardous Waste Removal

## **COMMENTS/NOTES**

NOTE: These rates apply to work in connection with Asbestos, Radiation, Hazardous Waste, Lead, Chemical, Biological, Mold Remediation and Abatement.

The regular workday shall be 8 hours.

### OVERTIME:

- Hours in excess of 8 per day, Monday through Saturday, and all hours on Sunday and holidays shall be paid at time and one-half the regular rate.
- Benefits on ALL overtime hours shall be paid at straight time.

RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Easter, Memorial Day, July 4th, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. (Holidays start at 12:00 am).

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<sup>\*</sup> Ratio of apprentices to journeymen shall not be more than one apprentice for the first journeyman and no more than (1) apprentice for each additional three (3) journeymen.

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Craft: Laborer - Building PREVAILING WAGE RATE

	05/29/24
Class A Journeyman	W39.45
	B33.17
	T72.62
Class B Journeyman	W38.45
	B33.17
	T71.62
Class C Journeyman	W32.68
·	B33.17
	T65.85
Foreman	W44.38
	B33.17
	T77.55
General Foreman	W49.31
	B33.17
	T82.48

Craft: Laborer - Building APPRENTICE RATE SCHEDULE

INTERVAL	PERIOD AND RATES										
6 Months	60%	70%	80%	90%	of Class B	wage rate					
Benefit	29.92	29.92	29.92	29.92							

## Ratio of Apprentices to Journeymen - \*

## Craft: Laborer - Building COMMENTS/NOTES

CLASS A: Specialist laborer including mason tender or concrete pour crew; scaffold builder (scaffolds up to 14 feet in height); operator of forklifts, Bobcats (or equivalent machinery), jack hammers, tampers, motorized tampers and compactors, vibrators, street cleaning machines, hydro demolition equipment, riding motor buggies, conveyors, burners; and nozzlemen on gunite work.

CLASS B: Basic laborer - includes all laborer work not listed in Class A or Class C.

CLASS C: Janitorial-type light clean-up work associated with the TURNOVER of a project, or part of a project, to the owner. All other clean-up work is Class B.

The regular workday shall be 8 hours between 6:00 AM and 6:00 PM.

#### SHIFT DIFFERENTIALS:

- Shift work must run for a minimum of 5 consecutive workdays.
- When a 2-shift schedule is worked, including a day shift, both shifts shall be established on the basis of 8 hours pay for 8 hours worked. The second shift shall receive the regular rate plus an additional 10%.
- When a 3-shift schedule is worked, the day shift shall be established on the basis of 8 hours pay for 8 hours worked, the second shift shall be established on the basis of 8 hours pay for 7.5 hours worked, and the third shift shall be established

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<sup>\*</sup> Ratio of apprentices to journeymen shall not be more than one apprentice for the first journeyman and no more than (1) apprentice for each additional three (3) journeymen.

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on the basis of 8 hours pay for 7 hours worked. The day shift shall receive the regular rate, the second shift shall receive the regular rate plus an additional 10%, and the third shift shall receive the regular rate plus an additional 15%.

- When a second or third shift is worked with no day shift, the second or third shift shall be established on the basis of 8 hours pay for 8 hours worked. The second shift shall receive the regular rate plus an additional 10%, and the third shift shall receive the regular rate plus an additional 15%.
- When an irregular shift must be established this shift shall receive the regular rate plus an additional 10%.

#### **OVERTIME:**

- Hours in excess of 8 per day, or outside the regular workday that are not shift work, Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the regular rate. Saturday may be used as a make-up day (paid at straight time) for a day lost to inclement weather, or for a holiday that is observed during the work week, Monday through Friday. All hours on Sundays and holidays shall be paid at double the regular rate.
- Four 10-hour days may be worked Monday to Thursday, at straight time, with Friday used a make-up day for a day lost to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the regular rate.
- Benefits on ALL overtime hours shall be paid at time and one-half.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday.

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Craft:	Laborer - Heavy & General	PREVAILING WAGE RATE
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Rates are located in the "Statewide" rate package

Craft: Laborer - Heavy & General APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES										
1000 Hours	60%	70%	80%	90%								
Benefit	25.08	for	all	intervals								

## Ratio of Apprentices to Journeymen - \*

As of 3-1-25, benefits shall be 26.13.

As of 3-1-26, benefits shall be 27.13.

Craft: Laborer - Heavy & General COMMENTS/NOTES

Heavy & General Laborer rates are located in the "Statewide" rate package.

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<sup>\*</sup> No more than 1 apprentice for the first journeyman and no more than 1 apprentice for each additional 3 journeymen.

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Craft: Laborer-Residential and Modular Construction

PREVAILING WAGE RATE

	04/01/23
* Skilled Tradesman (only applies to Modular Construction)	W27.90 B5.45 T33.35
Foreman (person directing crew, regardless of his skill classification)	W31.90 B5.45 T37.35
Laborer (for single family and stand-alone duplex owned by single owner)	W17.85 B2.95 T20.80
Residential and Modular Construction Laborer	W23.90 B5.45 T29.35

Craft: Laborer-Residential and Modular Construction

#### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES										
As shown	800 hours	600 hours	600 hours									
wage & benefits	70%	80%	90%									

Ratio of Apprentices to Journeymen-

One (1) apprentice shall be allowed for the first journeyman on site and no more than one (1) additional apprentice for each additional three (3) journeymen on site.

Craft: Laborer-Residential and Modular Construction

**COMMENTS/NOTES** 

### \* SKILLED TRADESMAN-

any worker doing work not typically done by a Building Laborer. Some examples are installing interior doors, sheet rock, hooking up appliances, installing light fixtures, installing railing systems, etc. Please note where local building codes require that certain work be performed under the supervision of a licensed tradesman (i.e. Plumber, Electrician, etc.) Laborers shall work under such supervision.

RESIDENTIAL CONSTRUCTION- All residential construction (not commercial), single-family, stand-alone duplex houses, townhouses and multi-family buildings of not more than four (4) floors. Each housing unit must be fully and independently functional; each housing unit must have its own kitchen and bathroom. The definition includes all incidental items such as site work, parking areas, utilities, streets and sidewalks. Please note the construction must be Residential in nature. A First Floor at or below grade may contain commercial space not to exceed 50% square footage of the floor; at least 50% of the First Floor must contain living accommodations or related nonresidential uses (e.g. laundry space, recreation/hobby rooms, and/or corridor space). Basement stories below grade used for storage, parking, mechanical systems/equipment, etc., are considered basement stories which are not used in determining the building's height even if used for storage purposes. In addition, barracks and dormitories are not considered residential projects.

MODULAR RESIDENTIAL CONSTRUCTION- all aspects of modular residential construction (not commercial) at the site of installation of structures of no more than four (4) stories, including all excavation and site preparation, footings and

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foundation systems whether poured on-site or prefabricated, all underground waterproofing, underground utilities, concrete slabs, sidewalks, driveways, paving, hardscape and landscaping. Please note the construction must be Residential as defined above. All work performed by the Set Crew (the crew of workers who set the modular boxes on the foundation), including the rigging, setting, attaching and assembly of all modules and structural members, preparation of the foundation to accept modules, such as sill plates, connection of all in-module and under-module connections including, but not limited to, plumbing, electrical, HVAC, fire suppression, CATS, telephone, television/internet, and fiber optic, the building or installation of any porches or decks regardless of material or method of construction, the on-site installation of, or completion of any roof system, doors, windows and fenestrations, including flashing, gutter and soffit systems, waterproofing, insulation and interior and exterior trim work, and painting. Please note that modular construction does not include on-site stick built construction, tip up construction or panel built construction.

The regular workday shall be 8 hours between 6:00 AM and 6:00 PM.

#### **OVERTIME:**

Hours worked in excess of 8 per day/40 per week, Monday through Saturday, and all hours worked on Sunday and holidays shall be paid at time and one-half the hourly rate.

### RECOGNIZED HOILDAYS:

New Year's Day, Martin Luther King Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day.

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Craft: Millwright PREVAILING WAGE RATE

	05/01/24
Foreman	W66.04
	B39.75
	T105.79
Journeyman	W57.43
	B34.65
	T92.08

Craft: Millwright APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES										
6 Months	40%	55%	65%	80%	90%							
Benefits	59.25% of	Appren	tice	Wage	Rate	for all	intervals	+ \$0.62				

Ratio of Apprentices to Journeymen - 1:3

Craft: Millwright COMMENTS/NOTES

### FOREMAN REQUIREMENTS:

- When there are 2 or more Millwrights on a job, 1 shall be designated as a Foreman.

The regular workday shall consist of 8 hours, starting between 6:00 AM and 9:00 AM.

### SHIFT DIFFERENTIALS:

- When a 2 shift schedule (including a day shift) is established, the day shift shall be established on an 8 hour basis. The second shift shall be established on an 8 hour basis, and receive the regular rate plus 15%, inclusive of benefits.
- When a three shift schedule is established, the first shift shall be established on an 8 hour basis, the second shift on a 7.5 hour basis, and the third shift on a 7 hour basis. The first shift shall receive the regular hourly rate, the second shift shall receive the regular rate plus 15% and the third shift shall receive the regular rate plus 20%, inclusive of benefits.
- When there is no day shift, and a second or third shift is established, it shall be established on an 8 hour basis. The second shift shall receive the regular rate plus 15% and the third shift shall receive the regular rate plus 20%, inclusive of benefits.
- When an irregular shift must be established, this shift shall receive the regular rate plus 15%, inclusive of benefits.

### **OVERTIME:**

- All hours in excess of 8 per day, or before or after an established shift that are not shift work, and all hours on Saturdays shall be paid at time and one-half the hourly rate, inclusive of benefits. All hours on Sundays and holidays shall be paid at double the hourly rate, inclusive of benefits.
- Four 10-hour days may be worked, Monday to Thursday, at straight time. Friday may be used as a make-up day for a day lost due to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays will be observed the following Monday. Veterans' Day may be substituted for the day after Thanksgiving.

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County - UNION

Craft:	Operating Engineer	PREVAILING WAGE RATE
~	- P	

Rates are located in the "Statewide" rate package

Craft: Operating Engineer APPRENTICE RATE SCHEDULE

INTERVAL		PERIC	DD AND RAT	ES			
Yearly	60%	70%	80%	90%			

Ratio of Apprentices to Journeymen - \*

Craft: Operating Engineer COMMENTS/NOTES

Operating Engineer rates are located in the "Statewide" rate package.

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<sup>\* 1</sup> apprentice for each piece of heavy equipment. At least 10 pieces of heavy equipment or a minimum of 5 Operating Engineers must be on site.

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Craft:	Operating Engineer - Field Engineer	PREVAILING WAGE RATE
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Rates are located in the "Statewide" rate package

**Craft: Operating Engineer - Field Engineer** 

### APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
Yearly	70%	75%	of Rod/	Chainman	Wage					
Yearly			80%	90%	Transit/	Instrument	man	Wage		

Ratio of Apprentices to Journeymen - \*

Craft: Operating Engineer - Field Engineer

**COMMENTS/NOTES** 

Operating Engineer - Field Engineer rates are located in the "Statewide" rate package.

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<sup>\*</sup> No more than 1 Field Engineer Apprentice per Survey Crew.

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Craft: Painter - Line Striping PREVAILING WAGE RATE

	12/01/23
Apprentice (1st year)	W29.89
	B15.70
	T45.59
Apprentice (2nd year)	W34.10
	B26.65
	T60.75
Foreman (Charge Person)	W43.10
	B27.43
	T70.53
Journeyman 1 (at least 1	W38.33
year of working exp. as a	B27.43
journeyman)	T65.76
Journeyman 2 (at least 2	W42.10
years of working exp. as a	B27.43
journeyman)	T69.53

Craft: Painter - Line Striping APPRENTICE RATE SCHEDULE

INTERVAL	PERIOD AND RATES								

Ratio of Apprentices to Journeymen - 1:1

Craft: Painter - Line Striping COMMENTS/NOTES

## OVERTIME:

Hours in excess of 8 per day, Monday through Saturday, and all hours on Sundays and holidays shall be paid at time and one-half the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans Day, Thanksgiving Day and Christmas Day. Veterans Day may be substituted for the day after Thanksgiving.

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Craft: Paperhanger PREVAILING WAGE RATE

	05/29/24
Foreman	W53.79 B30.71 T84.50
Journeyman	W48.90 B30.71 T79.61

Craft: Paperhanger APPRENTICE RATE SCHEDULE

INTERVAL		PERIOD AND RATES								
	SEE	D	CIAL	PAINTER						
		K								

## Craft: Paperhanger COMMENTS/NOTES

### FOREMEN REQUIREMENTS:

- When there are 4 or more Paperhangers on a job, 1 shall be designated a Foreman.

The regular workday shall consist of 8 hours between 7:00 AM and 5:30 PM.

### SHIFT DIFFERENTIALS:

- The second shift shall receive an additional 10% of the hourly rate, per hour, and the third shift shall receive an additional 15% of the hourly rate, per hour.

### **OVERTIME:**

- Hours in excess of 8 per day, Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the regular rate. All hours on Sundays and holidays shall be paid at double the regular rate.
- Saturday or Sunday may be used to make up a day lost to inclement weather, at straight time.
- Four 10-hour days may be worked, at straight time, Monday through Friday.

RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Memorial Day, July 4th, Labor Day, General Election Day, Veterans Day, Thanksgiving Day, Christmas Day

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Craft: Pipefitter PREVAILING WAGE RATE

	05/01/24
Foreman	W59.34 B52.02 T111.36
Journeyman	W55.09 B48.30 T103.39

Craft: Pipefitter APPRENTICE RATE SCHEDULE

INTERVAL	PERIOD AND RATES									
Yearly	35%	45%	55%	65%	75%					
Benefit	27.62	30.78	33.95	37.12	40.29					

Ratio of Apprentices to Journeymen - 1:5

Craft: Pipefitter COMMENTS/NOTES

### FOREMAN REQUIREMENTS:

- When there are 2 or more Journeyman Pipefitters on a job, 1 shall be designated a Foreman.
- There shall be a Foreman for every 8 Journeyman Pipefitters on a job.

The regular workday shall be 8 hours between 7:00 AM and 3:30 PM.

### SHIFT DIFFERENTIAL:

- 2nd Shift (3:30 PM-11:30 PM) shall work 7.5 hours and receive 8 hours pay at the regular rate, plus 10% per hour on the total rate.
- 3rd Shift (11:30 PM-7:00 AM) shall work 7 hours and receive 8 hours pay at the regular rate, plus 15% per hour on the total rate.

## OVERTIME:

- All hours worked in excess of 8 per day, Monday through Friday, and all hours worked on Saturday, shall be paid at time and one-half, inclusive of benefits. All hours on Sunday and holidays shall be paid at double time, inclusive of benefits.
- By mutual agreement, employees may work four 10-hour days, Monday to Thursday, at straight time rate. Friday may be used as a make-up day for a day lost to inclement weather, and may be paid at straight time. If Friday is not a make-up day, the first 8 hours shall be paid at time and one-half, inclusive of benefits; hours in excess of 8 shall be paid at double time, inclusive of benefits.

### SHIFT DIFFERENTIAL (Maintenance Work Only):

- 2nd Shift (3:30 PM-11:30 PM) shall work 7.5 hours and receive 8 hours pay at the regular rate, plus 10% per hour on the total rate.
- 3rd Shift (11:30 PM-7:00 AM) shall work 7 hours and receive 8 hours pay at the regular rate, plus 15% per hour on the total rate.

### OVERTIME (Maintenance Work Only):

- All hours in excess of 8 per day, Monday through Saturday, shall be paid at time and one-half, inclusive of benefits. All

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hours on Sundays and holidays shall be paid at double time, inclusive of benefits.

NOTE: Maintenance work is work to repair, restore, or improve the efficiency of existing facilities. This does NOT apply to ANY new construction.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays are observed the following Monday.

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**County - UNION** 

Craft:	Plasterer	PREVAILING WAGE RATE

See Bricklayer, Stone Mason Rates

Craft: Plasterer COMMENTS/NOTES

\*\*\*See BRICKLAYER, STONE MASON Rates\*\*\*

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Craft: Plumber PREVAILING WAGE RATE

	05/01/24
Foreman	W65.33
	B43.22
	T108.55
General Foreman	W69.56
	B43.22
	T112.78
Journeyman	W60.49
	B43.22
	T103.71
I .	1

Craft: Plumber APPRENTICE RATE SCHEDULE

INTERVAL		PERIC	DD AND RAT	ES				
Yearly	30%	45%	55%	65%	75%			
Benefits	18.23	24.72	27.02	29.31	31.60			

#### Ratio of Apprentices to Journeymen - \*

#### Craft: Plumber COMMENTS/NOTES

#### FOREMAN REQUIREMENTS:

- On any job having 2 or more Plumbers, 1 must be designated a Foreman.
- On any job having 9 or more Plumbers, 2 shall be designated as Foremen.

The regular workday shall consist of 8 hours between 7:00 AM and 4:30 PM.

#### SHIFT DIFFERENTIALS:

- Shift work must continue for a minimum of 5 consecutive workdays.
- When two shifts are worked, the second shift shall work 7.5 hours and receive 8 hours pay, at a rate equal to the hourly rate plus 10%, inclusive of benefits.
- When a third shift is worked, the third shift shall work 7 hours and receive 8 hours pay, at a rate equal to the hourly rate plus 15%, inclusive of benefits.

### **OVERTIME:**

- All hours in excess of 8 per day, or before of after the regular workday that are not shift work, Monday through Friday, and all hours on Saturday, shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sunday and holidays, shall be paid at double the hourly rate, inclusive of benefits.
- Four 10-hour days may be worked, Monday to Thursday, at straight time. Friday may be used as a make-up day for a day lost due to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays will be observed the following Monday.

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<sup>\*</sup> Employers may employ 1 apprentice on any job where 1 or 2 journeymen are employed. Thereafter, 1 apprentice may be employed for every 4 journeymen.

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Craft: Roofer PREVAILING WAGE RATE

	06/01/24
Foreman	W47.52 B32.34 T79.86
Journeyman	W44.52 B32.34 T76.86

Craft: Roofer APPRENTICE RATE SCHEDULE

INTERVAL		PERIC	DD AND RAT	ES					
6 Months	17.80	22.26	26.71	28.94	31.16	33.39	35.62	40.07	
Benefits	2.19	2.19	28.34	28.34	28.34	28.34	28.34	28.34	

### Ratio of Apprentices to Journeymen - \*

- \* A) For roofing jobs that are of the 1 or single ply nature: 1:2 or fraction thereof
- B) For roofing jobs on new built up roofs: 1:3 or fraction thereof
- C) For roofing jobs that are of a tear-off nature: 1:2 or fraction thereof
- D) For roofing jobs (not requiring complete removal of existing systems, installation done over existing roof): 1:3 or

fraction thereof

Craft: Roofer COMMENTS/NOTES

Pitch: +.50 per hour

Mop Man: +.30 per hour

The regular workday consists of 8 hours between 8:00 AM and 4:30 PM.

### **OVERTIME:**

Hours in excess of 8 per day, or before or after the regular workday, Monday through Friday, and all hours on Saturdays, Sundays, and holidays shall be paid at time and one-half the regular rate.

RECOGNIZED HOLIDAYS: New Year's Day, Good Friday, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day.

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Craft: Sheet Metal Sign Installation PREVAILING WAGE RATE

	04/17/24
Foreman	W44.19 B43.87 T88.06
Journeyman	W41.69 B43.87 T85.56

Craft: Sheet Metal Sign Installation APPRENTICE RATE SCHEDULE

INTERVAL		PERIC	DD AND RAT	ES						
1000 hours	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%
Benefits	14.62	16.66	18.72	20.79	23.33	25.43	27.52	29.62	31.73	33.82

Ratio of Apprentices to Journeymen - 1:3

Craft: Sheet Metal Sign Installation COMMENTS/NOTES

### FOREMAN REQUIREMENT:

When there are 6 or more Sheet Metal Sign Installers on a job, 1 shall be designated a Foreman.

The regular workday consists of 8 hours, between 7:00 AM and 3:30 PM.

### **OVERTIME**:

Hours before or after the regular workday, Monday though Friday, and all hours worked on Saturday shall be paid at time and one-half the hourly rate. All hours on Sunday and holidays shall be paid at double the hourly rate.

Four(4) 10 hour days may be worked, Monday through Friday, at straight time, for projects lasting at least one week in duration. The fifth day may be used as a make-up day at straight time for a day lost due to inclement weather. However, if the fifth day is not a make-up day, all hours worked will be paid at time and one-half the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Good Friday, Memorial Day, July 4th, Labor Day, Veterans' Day, Thanksgiving Day and the day after, Christmas Day. Saturday holidays observed the preceding Friday, Sunday holidays observed the following Monday.

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County - UNION

Craft: Sheet Metal Worker PREVAILING WAGE RATE

	06/13/24
Foreman	W61.90
	B50.32
	T112.22
General Foreman	W62.90
	B50.32
	T113.22
Journeyman	W57.90
	B50.32
	T108.22

Craft: Sheet Metal Worker APPRENTICE RATE SCHEDULE

INTERVAL		PERIC	DD AND RAT	ES						
Yearly	45%	48%	52%	65%	of	Journey	man	Wage	Rate	
Benefit	45%	48%	52%	65%	of	Journey	man	Benefit	Rate	

#### Ratio of Apprentices to Journeymen - 1:4

Craft: Sheet Metal Worker COMMENTS/NOTES

### FOREMAN REQUIREMENTS:

- When there are 2 or more Sheet Metal Workers on a project, 1 must be designated a Foreman.
- When there are 17 or more Sheet Metal Workers on a project, 1 must be designated a General Foreman.
- When there is only 1 Sheet Metal Worker (1 Journeyman) on a project, he/she shall receive \$1.00 more than the regular Journeyman's rate.

The regular workday is 8 hours between 7:00 AM and 4:30 PM.

## SHIFT DIFFERENTIAL:

- 2nd Shift (3:30 PM 12:00 AM): +17% of regular hourly rate
- Shift work must run for a minimum of 5 consecutive workdays.

### **OVERTIME:**

- Hours in excess of 8 per day, or before or after the regular workday, that are not shift work, and the first 10 hours on Saturdays shall be paid at time and one-half of the regular rate, inclusive of benefits. Hours in excess of 10 per day on Saturday, and all hours on Sundays and holidays shall be at double the regular rate, inclusive of benefits.
- Four 10-hour days may be worked, Monday through Friday, at straight time, with hours in excess of 10 per day, and hours in excess of 40 per week paid at the overtime rates listed above.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Good Friday, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays will be observed the following Monday.

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County - UNION

Craft: Sprinkler Fitter PREVAILING WAGE RATE

	07/01/24
Foreman	W73.06
	B39.71
	T112.77
General Foreman	W76.79
	B39.71
	T116.50
Journeyman	W68.56
	B39.71
	T108.27

Craft: Sprinkler Fitter APPRENTICE RATE SCHEDULE

INTERVAL	PERIO	D AND RAT	ES					
1000 Hours							80%	85%
Benefits					Intervals	9 to 10	Jourymn	Ben.

Craft: Sprinkler Fitter COMMENTS/NOTES

Apprentice rate schedule for those apprentices registered as of 7-1-13:

Interval Period and Rates

1000 Hrs. 25% 30% 40% 45% 55% 60% 70% 75% 85% 90% Ben. 14.31 14.31 29.86 29.86 29.86 Intervals 7-10 Journy. Ben.

Apprentice rate schedule for those apprentices registered as of 7-1-22:

Interval Period and Rates

1000 Hrs. 30% 35% 40% 45% 50% 55% 60% 70% 85% 95% Ben. 14.31 14.31 29.86 29.86 29.86 Intervals 7-10 Journy. Ben.

APPRENTICE RATE SCHEDULES AS OF 7-1-24:

Apprentice rate schedule for those apprentices registered as of 7-1-13:

Interval Period and Rates

Apprentice rate schedule for those apprentices registered as of 7-1-22:

Interval Period and Rates

1000 Hrs. 30% 35% 40% 45% 50% 55% 60% 70% 85% 95% Ben. 14.41 14.41 30.71 30.71 30.71 30.71 Intervals 7-10 Journy. Ben.

The regular workday consists of 8 consecutive hours between 6:00 AM and 4:30 PM.

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County - UNION

#### FOREMAN REQUIREMENTS:

- The first Sprinkler Fitter on the job must be designated a Foreman.
- On any job having 12 or more Sprinkler Fitters, one must be designated a General Foreman.

#### SHIFT DIFFERENTIALS:

- Shift work must run for a minimum of 2 consecutive workdays.
- 2nd and 3rd shift shall receive an additional 15% of the regular rate, per hour.
- Any "off hours" shift starting at 8:00 PM or later shall receive an additional 25% of the regular rate, per hour.

### **OVERTIME:**

The first 2 hours in excess of 8 per day, after the regular workday that are not shift work, Monday through Friday, shall be paid at time and one-half the regular rate. Hours worked in excess of 10 per day, Monday through Friday, and all hours on Saturday, Sunday and holidays, shall be paid double the regular rate.

Four 10 hour days may be worked, Monday through Friday, at straight-time.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day.

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County - UNION

Craft: Tile Finisher-Marble PREVAILING WAGE RATE

	07/01/24
Finisher	W49.99
	B37.54
	T87.53

Craft: Tile Finisher-Marble APPRENTICE RATE SCHEDULE

INTERVAL		PERIO	DD AND RAT	ES						
750 Hours	40%	0% 60% 65% 70% 75% 85% 95%								
Benefits	Interval 1	thru 5 =	75% of	jyrnm. ben	rate	Interval 6	thru 7 =	full jyrnm	benefit	rate

### Ratio of Apprentices to Journeymen - 1:4

Craft: Tile Finisher-Marble COMMENTS/NOTES

## OVERTIME:

Hours in excess of 7 per day, Monday through Friday, and the first 7 hours on Saturdays shall be paid at time and one half the regular rate, inclusive of benefits. Hours in excess of 7 on Saturdays and all hours on Sundays and holidays shall be paid at double the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Good Friday, Memorial Day, July 4th, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day and the day after, Christmas Day. Sunday holidays observed the following Monday.

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County - UNION

Craft: Tile Setter - Ceramic PREVAILING WAGE RATE

	06/03/24
Finisher	W49.08 B32.98 T82.06
Setter	W63.91 B36.26 T100.17

Craft: Tile Setter - Ceramic APPRENTICE RATE SCHEDULE

INTERVAL		PERIC	DD AND RAT	ES						
750 Hours	35%	40%	50%	55%	60%	65%	70%	75%	80%	90%

Ratio of Apprentices to Journeymen - 1:4

Craft: Tile Setter - Ceramic COMMENTS/NOTES

### **OVERTIME**:

Hours in excess of 7 per day, and the first 10 hours on Saturdays shall be paid at time and one-half the hourly rate. All hours on Saturdays after 10 hours shall be paid double the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day, Christmas Day.

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County - UNION

Craft: Tile Setter - Marble PREVAILING WAGE RATE

	07/01/24
Tile Setter	W63.92
	B40.20
	T104.12

Craft: Tile Setter - Marble APPRENTICE RATE SCHEDULE

INTERVAL		PERIO	DD AND RAT	ES						
750 Hours	40%	60%	65%	70%	75%	85%	95%			
Benefits	Interval 1	thru 5 =	75% of	jyrnm. ben	rate	Interval 6	thru 7 =	full jyrnm	benefit	rate

### Ratio of Apprentices to Journeymen - 1:4

Craft: Tile Setter - Marble COMMENTS/NOTES

### **OVERTIME:**

Hours in excess of 7 per day, Monday through Friday, and the first 7 hours on Saturdays shall be paid at time and one-half the regular rate, inclusive of benefits. Hours in excess of 7 on Saturdays, and all hours on Sundays and holidays shall be paid at double the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Good Friday, Memorial Day, July 4th, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day and the day after, Christmas Day. Sunday holidays observed the following Monday.

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County - UNION

Craft: Tile Setter - Mosaic & Terrazzo

#### PREVAILING WAGE RATE

	07/01/24
Grinder or Assistant	W59.37
	B41.48
	T100.85
Mechanic	W60.98
	B41.49
	T102.47
Terrazzo Resinous	W50.76
Worker	B33.86
	T84.62
	I

**Craft: Tile Setter - Mosaic & Terrazzo** 

#### APPRENTICE RATE SCHEDULE

INTERVAL		PERIC	DD AND RAT	ES				
1500 Hours	35%	45%	60%	70%	80%	90%		

**COMMENTS/NOTES** 

Ratio of Apprentices to Journeymen - 1:5

Craft: Tile Setter - Mosaic & Terrazzo

The regular workday consists of 7 hours, between 8:00 AM and 3:30 PM.

### OVERTIME:

- Hours in excess of 7 per day, or before or after the regular workday, Monday through Friday, and all hours on Saturdays shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Good Friday, Monday after Easter, Memorial Day, July 4th, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day and the day after, Christmas Day. Sunday holidays observed the following Monday.

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**County - UNION** 

Craft: Truck Driver PREVAILING WAGE RATE

	05/01/24
Bucket, Utility,	W45.41
Pick-up, Fuel	B43.28
Delivery trucks	T88.69
Dump truck, Asphalt	W45.41
Distributor, Tack	B43.28
Spreader	T88.69
Euclid-type vehicles	W45.51
(large, off-road	B43.28
equipment)	T88.79
equipment)	100.79
Helper on Asphalt	W45.41
Distributor truck	B43.28
	T88.69
Low Boy Driver	W47.01
,	B43.28
	T90.29
Slurry Seal,	W45.41
Seeding/Fertilizing/	B43.28
Mulching truck	T88.69
Straight 3-axle truck	W45.41
Chaight o axio track	B43.28
	T88.69
Tractor Trailer	W45.51
	W45.51 B43.28
(all types)	
	T88.79
Vacuum or Vac-All	W45.41
truck (entire unit)	B43.28
	T88.69
Winch Trailer	W45.61
	B43.28
	T88.89

Craft: Truck Driver COMMENTS/NOTES

### **BLENDED RATE:**

When a truck driver is performing work on the site and also serving as a material delivery driver, the driver shall be paid a "blended rate" which shall be 80% of the above-listed wage rates, plus the full benefit rate. This rate shall be used when the driver "round robins" for a minimum of 6 hours during the work day.

## HAZARDOUS WASTE REMOVAL:

- On hazardous waste removal work on a State designated hazardous waste site where the driver is in direct contact with hazardous materials and when personal protective equipment is required for respiratory, skin, and eye protection, the driver shall receive an additional \$3.00 per hour (with or without protective gear).
- A hazardous waste related certified worker at a designated hazardous waste site who is not working in a zone requiring level A, B or C personal protection shall receive an additional \$1.00 per hour.

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County - UNION

TRUCK FOREMAN: \$.75 cents per hour above regular rate. Overtime shall be increased accordingly.

The regular workday shall be 8 hours, starting between 6:00 AM and 8:00 AM.

#### SHIFT DIFFERENTIAL:

- Shifts starting at 4:00 PM (2nd Shift): + \$3.00 per hour.
- Shifts starting at 12:00 AM (midnight/3rd Shift): time and one-half the hourly rate.
- Shifts starting at a time other than from 6:00 AM to 8:00 AM, when such hours are mandated by the project owner: + \$3.00 per hour.

#### **OVERTIME:**

- Hours in excess of 8 per day, or before or after the regular workday, Monday through Friday, that are not shift work, and all hours on Saturdays shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.
- Employees may work four 10-hour days at straight time, Monday through Thursday, with Friday used as a make-up day for a lost day. If Friday is not a make-up day, then all hours on Friday shall be paid at time and one-half the hourly rate.
- -Benefits on overtime shall be \$40.03.
- As of 5-1-23, benefits on overtime shall be \$41.53.
- As of 5-1-24, benefits on overtime shall be \$43.03.

RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Memorial Day (Decoration Day), July 4th, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Sunday holidays will be observed the following Monday. The day after Thanksgiving may be substituted for Veteran's Day.

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County - UNION

### Craft: Truck Driver-Material Delivery Driver

#### PREVAILING WAGE RATE

	05/01/24
Driver	W37.62
	B43.28
	T80.90

Craft: Truck Driver-Material Delivery Driver

### **COMMENTS/NOTES**

#### **BLENDED RATE:**

When a truck driver is performing work on the site and also serving as a material delivery driver, the driver shall be paid a "blended rate". See the "Truck Driver" craft for the blended rates.

Truck Foreman/Shop Steward: +\$0.25 per hour

#### SHIFT DIFFERENTIALS:

- 2nd Shift shall receive an additional \$0.50 per hour
- 3rd Shift shall receive time and one-half the hourly rate.

## **OVERTIME:**

- Hours in excess of 8 per day, or before or after the regular workday that are not shift work, Monday through Friday, and all hours on Saturday shall be paid at time and one-half the hourly rate. All hours on Sunday and holidays shall be paid at double the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, President's Day, Memorial Day (Decoration Day), July 4th, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Sunday holidays will be observed the following Monday. The day after Thanksgiving may be substituted for Veterans Day.

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**County - UNION** 

Craft:	Welder	PREVAILING WAGE RATE
	Welder	
Craft:	Welder	COMMENTS/NOTES
Welder	s rate is the same as the	e craft to which the welding is incidental.

7/3/2024 Page 73 of 73

# STATEWIDE RATES

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

#### **OPERATING ENGINEERS** Rates Expiration Date:

{For apprentice rates refer to "Operating Engineers" apprentice rates in any county rate package}

The regular workday consists of 8 hours, Monday to Friday, between 6:00 AM and 5:30 PM.

#### SHIFT DIFFERENTIALS:

- Shift work must be established for 5 consecutive workdays.
- Any work started outside of the allowed start time, 6:00 AM to 9:00 AM, except for \* tidal work, shall be considered an irregular shift and paid at straight time, plus 15% for the first eight hours, inclusive of benefits.
- \* FOR TIDAL WORK- a contractor can start their job according to tide schedules (tide schedules are the various high and low tides related to this work), providing the eight hour shift is completed between the hours of 5:00 AM and 6:30 PM.
- All time worked in excess of an established shift (an established shift is a shift that is determined at the time of the bid) shall be paid at the applicable overtime rate. When a portion of an established shift works into Saturday, Sunday or a holiday, that time worked shall be paid at the established shift rate.
- When working with other trades who receive a higher irregular shift differential, these employees shall also receive the higher differential rate.

#### OVERTIME:

- Hours in excess of 8 per day, or outside of the regular workday, Monday through Friday, that are not shift work, and all hours on Saturday shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sunday and holidays shall be paid at double the regular rate, inclusive of benefits.
- Four 10-hour days may be worked, Monday through Thursday, at straight time, with all hours on Friday paid at time and one-half the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. When all trades on a particular job site agree, the day after Thanksgiving may be substituted for Veterans Day.

For projects bid after April 1, 2020, on hazardous waste removal work of any kind, including a state or federally designated site, where the operating engineer is required to wear level A, B, or C personal protection, the operating engineer shall receive an hourly wage rate of his regular hourly wage plus \$5.00 per hour.

- An operating engineer working at a hazardous waste removal project or site at a task requiring hazardous waste related certification, but who is not working in a zone requiring level A, B, or C personal protection, shall receive an hourly wage rate of his regular rate plus \$1.00 per hour.

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT

PREVAILING WAGE RATE DETERMINATION

## OPERATING ENGINEERS Rates Expiration Date :

**Effective Dates:** 

Hydro-Blaster

Effective Dat	es:					
	07/01/2024		07/01/2025			
Rate 58.88	Fringe 39.15	Total 98.03	Total 100.53			
CLASSIFIC		98.03	100.55			
A-Frame	Anono.					
	1:					
Backhoe (co	embination)					
Boom Attack	hment on loaders	s (Except pipehoo	ok)			
Boring & Dr	rilling Machine					
Brush Chop	per, Brush Shred	der, Tree Shredde	er, Tree Shearer			
Bulldozer, fi	nish grade					
Cableway						
Carryall						
Concrete Pu	mp					
Concrete Pu	mping System (I	Pumpcrete & sim	ilar types)			
Conveyor, 1	25 feet or longer					
Drill Doctor	(Duties include	dust collector and	d maintenance)			
Front End L	oader (2 cu. yds.	but less than 5 c	u. yds.)			
Grader, finis	h					
Groove Cutt	ing Machine (rid	le-on type)				
Heater Plane	er					
hydraulic, s	single and double of, and other simi	e drum, concrete, lar types, Except	es including steam, gas, dies , brick shaft caisson, : Chicago-boom type) * reco :00 ft. and over total height.	eeives an addtional \$1.	.00 per hour on 100	ft. up to 199 ft. total
Hydraulic C	rane (10 tons &	under)				
Hydraulic D	redge					
Hydro-Axe						

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT

## PREVAILING WAGE RATE DETERMINATION

#### **OPERATING ENGINEERS Rates Expiration Date:**

**Effective Dates:** 

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
58.88	39.15	98.03	100.53
	CATIONS:	- avvan an anotad vui	t on

## CL

Jack (screw, air hydraulic, power-operated unit, or console type, Except hand jack or pile load test type)

Log Skidder

Pan

Paver, concrete

Plate & Frame Filter Press

Pumpcrete (unit type)

Pumpcrete, Squeezecrete, or Concrete Pumping machine (regardless of size)

Scraper

Side Boom

Straddle Carrier (Ross and similar types)

Whiphammer

Winch Truck (hoisting)

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

## ENTIRE STATE

## OPERATING ENGINEERS Rates Expiration Date :

**Effective Dates:** 

<b>Effective Dat</b>	es:		
	07/01/2024	1	07/01/2025
Rate	Fringe	Total	Total
56.97	39.15	96.12	98.62
CLASSIFIC			
Asphalt Cur	bing Machine		
Asphalt Plar	nt Engineer		
Asphalt Spro	eader		
Autograde C	Eurb Trimmer &	Sidewalk Shoul	der Slipform (CMI & similar types)
Autograde C	Curecrete Machi	ne (CMI & simi	ar types)
Autograde T	ube Finisher &	Texturing Mach	ine (CMI & similar types)
Bar Bending	Machines (Pov	ver)	
Batcher, Bat	ching Plant, &	Crusher [On Site	]
Belt Convey	or System		
Boom-Type	Skimmer Mach	ine	
Bridge Deck	Finisher		
Bulldozer (a	ll sizes)		
Captain (Pov	wer Boats)		
Car Dumper	(railroad)		
-	ash, or similar	_	ading of concrete, used independently
Compressor	(2 or 3 battery)		
Concrete Br	eaking Machine	;	
Concrete Clo	eaning/Deconta	mination Machir	ne
Concrete Fin	nishing Machine	•	
Concrete Sa	w or Cutter (rid	e-on type)	
Concrete Sp	reader (Hetzel,	Rexomatic & sir	nilar types)
Concrete Vil	brator		

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

## ENTIRE STATE

## OPERATING ENGINEERS Rates Expiration Date :

## **Effective Dates:**

Ladder (motorized)

	07/01/2024	1	07/01/2025
Rate	Fringe	Total	Total
56.97	39.15	96.12	98.62
CLASSIFIC			
	under 125 feet		
Crane Signa	lman		
Crushing M	achine		
Directional	Boring Machine	•	
Ditching Ma	achine - Small (	Ditchwitch, Verme	eer or similar types)
Dope Pot - I	Mechanical (wit	h or without pump	)
Dumpster			
Elevator			
Fireman			
Fork Lift (E	conomobile, Lu	ll & similar types)	
		and over but less	
	2 or 3 battery)		
Giraffe Grin			
Goldhofer/F	Iydraulic Jackin	g Trailer	
Grader & M	otor Patrols		
Grout Pump			
Gunnite Ma	chine (Excludin	g nozzle)	
Hammer - V	ibratory (in con	junction with gene	erator)
Heavy Equi	pment Robotics	- Operator/Techni	cian
Hoist (roof,	tugger, aerial pl	atform hoist, hous	e car)
Hopper		,	,
	(	4- 1)	
Hopper Doc	ors (power opera	ited)	

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT

#### PREVAILING WAGE RATE DETERMINATION ENTIRE STATE

Tractor

Transfer Machines

OPERATING ENGINEERS Rates Expiration Date :

Effective Dat	tes:		
	07/01/202	4	07/01/2025
Rate 56.97	Fringe 39.15	Total 96.12	Total 98.62
CLASSIFIC		90.12	98.02
Laddervator			
	(Dinky-type)		
Maintenance	e Utility Man		
Master Envi	ronmental Mai	ntenance Technicia	n
Mechanic			
Mixer (Exce	ept paving mixe	ers)	
Pavement B		nounted or small sel	f-propelled
Pavement B	reaker - mainte	nance of compresso	or or hydraulic unit
Pipe Bendin	g Machine (por	wer)	
Pitch Pump			
Plaster Pump	p (regardless of	size)	
Post Hole D	igger (post pou	nder, auger)	
Rod Bending	g Machines		
Roller (black	k top)		
Scale (powe	r)		
Seamen Pulv	verizing Mixer		
Shoulder Wi	idener		
Silo			
Skimmmer I	Machine (boom	type)	
Steel Cutting	g Machine (ser	vice & maintenance	<del>)</del>
Tamrock Dr	ill		

07/03/2024

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## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

ENTIRE STATE

### **OPERATING ENGINEERS** Rates Expiration Date:

**Effective Dates:** 

	07/01/202	07/01/2025	
Rate	Fringe	Total	Total
56.97	39.15	96.12	98.62

### **CLASSIFICATIONS:**

**Tug Captains** 

Tug Master (Power Boats)

Ultra High Pressure Waterjet Cutting Tool System - Operator/Maintenance Technician

Vacuum Blasting Machine - Operator/Maintenance Technician

Vibrating Plant (used with unloading)

Welder & Repair Mechanic

### **Effective Dates:**

	07/01/2025		
Rate	Fringe	Total	Total
51.63	39.15	90.78	93.28

## **CLASSIFICATIONS:**

Assistant Engineer/Oiler

Driller's Helper

Field Engineer - Transit man or Instrument man

Maintenance Apprentice (Deckhand)

Maintenance Apprentice (Oiler)

Mechanic's Helper

Off Road Back Dump

Tire Repair & Maintenance

#### **Effective Dates:**

	07/01/202	07/01/2025	
Rate	Fringe	Total	Total
49.05	39.15	88.20	90.70

#### **CLASSIFICATIONS:**

Field Engineer - Rodman or Chainman

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

ENTIRE STATE

OPERATING ENGINEERS Rates Expiration Date :

**Effective Dates:** 

	07/01/202	07/01/2025	
Rate	Fringe	Total	Total
59.21	39.15	98.36	100.86

## **CLASSIFICATIONS:**

Lead Engineer, Foreman Engineer, Safety Engineer (minimum)

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT

#### PREVAILING WAGE RATE DETERMINATION ENTIRE STATE

## OPERATING ENGINEERS Rates Expiration Date :

Mucking Machine

Effective Date		Kates Expira	tion Date .	
	07/01/2024		07/01/2025	
Rate	Fringe	Total	Total	
60.47	39.15	99.62	102.12	
CLASSIFICA	TIONS:			
Autograde Pa	vement Profiler	(CMI & simila	r types)	
Autograde Pa types)	vement Profiler	r - Recycle Type	e (CMI & similar	
Autograde Pla similar types		preader Combir	nation (CMI &	
Autograde Sli	ipform Paver (C	CMI & similar ty	/pes)	
Backhoe (Exc	cavator)			
Central Power	r Plant			
Concrete Pavi	ing Machine			
Cranes, Derri	cks, Pile Driver	rs (all types), un	der 100 tons with a boom (including jib and/or leads) under 100 ft.	
Draglines				
Drill, Bauer, A	AMI and simila	r types		
Drillmaster, C	)uarrymaster			
		own-the-hole dr ll, self-powered		
Elevator Grad	ler			
Field Enginee	er-Chief of Party	y		
Front End Lo	ader (5 cu. yard	ls or larger)		
Gradall				
Grader, Rago				
Helicoptor Co	o-Pilot			
Helicoptor Co	ommunications	Engineer		
Juntann Pile I	Oriver			
Locomotive (	large)			

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

## ENTIRE STATE

## **OPERATING ENGINEERS** Rates Expiration Date :

### **Effective Dates:**

	07/01/2	07/01/2025	
Rate	Fringe	Total	Total
60.47	39.15	99.62	102.12

## **CLASSIFICATIONS:**

Pavement &	Concrete	Breaker (	Superhammer	&	Hoe I	Ram'

Pile Driver

Prentice Truck

Roadway Surface Grinder

Scooper (loader & shovel)

Shovel (Excavator)

Trackhoe (Excavator)

Tree Chopper with boom

Trenching Machine (cable plow)

Tunnel Boring Machine

Vacuum Truck

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE PREVAI OPERATING ENGINEERS Rates Expiration Date:

## Effective Dates:

Sprinkler & Water Pump Trucks

<b>Effective Dates</b>	:		
	07/01/202	4	07/01/2025
Rate 55.34	Fringe 39.15	Total 94.49	Total 96.99
CLASSIFICAT		74.47	70.77
Chipper			
Compressor (s	ingle)		
Concrete Sprea		me)	
		elevator graders)	
Engines, Large	e Diesel (162	0 HP) & Staging I	Pump
Farm Tractor			
Fertilizing Equ	ipment (ope	ration & maintena	nce)
Fine Grade Ma	achine (small	type)	
Form Line Gra	nder (small ty	rpe)	
Front End Loa	der (under 1	cubic yard)	
Generator (sin	gle)		
Grease, Gas, F		ınnly Trucks	
Heaters (Nelso			
Lights - portab	ole generating	g light plant	
Mixer, Concre	te (small)		
Mulching Equ	ipment (oper	ation & maintenar	ace)
Power Broom	or Sweeper		
Pump (diesel e	engine & hyd	raulic - regardless	of power)
Pump (larger t	han 2 inch su	action, including su	ubmersible pumps)
Road Finishing	g Machine (s	mall type)	
Roller - grade,	fill, or stone	base	
Seeding Equip	ment (operat	ion & maintenanc	e)

07/03/2024

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## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

### ENTIRE STATE

## OPERATING ENGINEERS Rates Expiration Date :

#### **Effective Dates:**

	07/01/2025		
Rate	Fringe	Total	Total
55.34	39.15	94.49	96.99

#### **CLASSIFICATIONS:**

Steam Generator or Boiler

Stone Spreader

Tamping Machine (vibrating ride-on type)

Temporary Heating Plant (Nelson or other type, including proprane, natural gas, and flow-type units)

Water or Sprinkler Truck

Welding Machine (gas, diesel, or electric convertor, of any type)

Welding System - Multiple (rectifier transformer type)

Wellpoint Systems (including installation by bull gang and maintenance)

### **Effective Dates:**

	07/01/2025		
Rate	Fringe	Total	Total
62.29	39.15	101.44	103.94

### **CLASSIFICATIONS:**

Helicoptor Pilot/Engineer

## **Effective Dates:**

	07/01/2025		
Rate	Fringe	Total	Total
66.97	39.15	106.12	108.62

### **CLASSIFICATIONS:**

Cranes, Derricks, Pile Driver (all types), 100 tons and over and TOWER CRANE with boom (including jib and/or leads) 140 ft. and over

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
65.97	39.15	105.12	107.62

## **CLASSIFICATIONS:**

Cranes, Derricks, Pile Driver (all types), 100 tons and over and TOWER CRANE with boom (including jib and/or leads) from 100 ft. to 139 ft.

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

ENTIRE STATE

### **OPERATING ENGINEERS** Rates Expiration Date :

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
62.47	39.15	101.62	104.12

## **CLASSIFICATIONS:**

Cranes, Derricks, Pile Driver (all types), under 100 tons with a boom (including jib and/or leads) 140 ft. and over

## **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
64.97	39.15	104.12	106.62

## **CLASSIFICATIONS:**

Cranes, Derricks, Pile Driver (all types), 100 tons and over and TOWER CRANE with a boom (including jib and/or leads) under 100 ft.

### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
61.47	39.15	100.62	103.12

### **CLASSIFICATIONS:**

Cranes, Derricks, Pile Driver (all types), under 100 tons with a boom (including jib and/or leads) from 100 ft. to 139 ft.

## NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

#### STRUCTURAL STEEL ERECTION Rates Expiration Date:

{For apprentice rates refer to "Operating Engineers" apprentice rates in any county rate package}

The regular workday consists of 8 hours, Monday to Friday, between 6:00 AM and 5:30 PM.

#### SHIFT DIFFERENTIALS:

- Shift work must be established for 5 consecutive workdays.
- Any work started outside of the allowed start time, 6:00 AM to 9:00 AM, except for \* tidal work, shall be considered an irregular shift and paid at straight time, plus 15% for the first eight hours, inclusive of benefits.
- \* FOR TIDAL WORK- a contractor can start their job according to tide schedules (tide schedules are the various high and low tides related to this work), providing the eight hour shift is completed between the hours of 5:00 AM and 6:30 PM.
- All time worked in excess of an established shift (an established shift is a shift that is determined at the time of the bid) shall be paid at the applicable overtime rate. When a portion of an established shift works into Saturday, Sunday or a holiday, that time worked shall be paid at the established shift rate.
- When working with other trades who receive a higher irregular shift differential, these employees shall also receive the higher differential rate.

#### OVERTIME:

- Hours in excess of 8 per day, or outside of the regular workday, Monday through Friday, that are not shift work, and all hours on Saturday shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sunday and holidays shall be paid at double the regular rate, inclusive of benefits.
- Four 10-hour days may be worked, Monday through Thursday, at straight time, with all hours on Friday paid at time and one-half the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. When all trades on a particular job site agree, the day after Thanksgiving may be substituted for Veterans Day.

For projects bid after April 1, 2020, on hazardous waste removal work of any kind, including a state or federally designated site, where the operating engineer is required to wear level A, B, or C personal protection, the operating engineer shall receive an hourly wage rate of his regular hourly wage plus \$5.00 per hour.

- An operating engineer working at a hazardous waste removal project or site at a task requiring hazardous waste related certification, but who is not working in a zone requiring level A, B, or C personal protection, shall receive an hourly wage rate of his regular rate plus \$1.00 per hour.

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
64.10	39.15	103.25	105.75

### **CLASSIFICATIONS:**

Helicopter Co-Pilot & Communications Engineer

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE

# STRUCTURAL STEEL ERECTION Rates Expiration Date :

### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
60.04	39.15	99.19	101.69

### **CLASSIFICATIONS:**

A-Frame

Cherry Picker -10 tons or less (Over 10 tons use crane rate)

Hoist (all types Except Chicago-boom)

Jack (screw, air hydraulic, power-operated unit or console type, Except hand jack or pile load test type)

Side Boom

Straddle Carrier

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT

# PREVAILING WAGE RATE DETERMINATION

#### STRUCTURAL STEEL ERECTION **Rates Expiration Date:**

# **Effective Dates:**

	07/01/2024	1	07/01/2025
Rate	Fringe	Total	Total
57.38	39.15	96.53	99.03
CLASSIFIC			
Aerial Platfo	orm Used On H	oists	
Apprentice 1	Engineer/Oiler v	with Compressor o	r Welding Machine
Captain (Po	wer Boats)		
Compressor	(2 or 3 in batter	ry)	
Concrete Cl	eaning/Deconta	mination Machine	Operator
Conveyor or	Tugger Hoist		
	Boring Machine	<b>:</b>	
Elevator or 1			
	nouse Car		
Fireman			
Forklift			
Generator (2	2 or 3)		
Heavy Equi	pment Robotics	, Operator/Technic	ian
Maintenance	e Utility Man		
Master Envi	ronmental Mair	ntenance Technicia	n
Tug Master	(Power Boats)		
Ultra High I	Pressure Waterje	et Cutting Tool Sys	tem Operator/Mainte
Vacuum Bla	sting Machine (	Operator/Maintena	nce Technician

Welding Machines, Gas or Electric Converters on any type-2 or 3 in battery including diesels

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

### ENTIRE STATE

# STRUCTURAL STEEL ERECTION Rates Expiration Date:

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
55.85	39.15	95.00	97.50

# **CLASSIFICATIONS:**

Compressor (Single)

Generators

Welding Machines, Gas, Diesel, Or Electric Converters of any type-single

Welding System, Multiple (Rectifier Transformer Type)

### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
52.09	39.15	91.24	93.74

# **CLASSIFICATIONS:**

Assistant Engineer/Oiler

Drillers Helper

Field Engineer - Transit/Instrument Man

Maintenance Apprentice (Deckhand)

Maintenance Apprentice (Oiler)

Off Road Back Dump

# **Effective Dates:**

07/01/2024			07/01/2025
Rate Fringe Total			Total
59.66	39.15	98.81	101.31

# **CLASSIFICATIONS:**

Lead Engineer, Foreman Engineer, Safety Engineer (Minimum)

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
49.05	39.15	88.20	90.70

### **CLASSIFICATIONS:**

Field Engineer - Rodman or Chainman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

### ENTIRE STATE

# **STRUCTURAL STEEL ERECTION** Rates Expiration Date:

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
60.80	39.15	99.95	102.45

#### **CLASSIFICATIONS:**

Field Engineer-Chief of Party

Vacuum Truck

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
68.99	39.15	108.14	110.64

#### **CLASSIFICATIONS:**

Cranes (all cranes, land or floating with booms, including jib, 140 ft. and over, above ground). Derricks (all derricks, land, floating or Chicago Boom type with booms including jib, 140 ft. and over, above ground), and Pile Drivers (all types) 100 tons and over and Tower Cranes.

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate Fringe Total			Total
67.33	39.15	106.48	108.98

# **CLASSIFICATIONS:**

Cranes (all cranes, land or floating with booms including jib, less than 140 ft. above ground), Derricks (all derricks. land, floating or Chicago Boom type with booms including jib, less than 140 ft. above ground), Pile Drivers (all types), 100 tons and over and Tower Crane.

# **Effective Dates:**

07/01/2024			07/01/2025
Rate Fringe Total			Total
64.49	39.15	103.64	106.14

### **CLASSIFICATIONS:**

Cranes (all cranes, land or floating with booms including jib, 140 ft. and over, above ground), Derricks (all derricks, land, floating or Chicago Boom type with booms including jib, 140 ft. and over, above ground), Pile Drivers (all types), under 100 tons.

### **Effective Dates:**

07/01/2024			07/01/2025
Rate Fringe Total			Total
62.83	39.15	101.98	104.48

#### **CLASSIFICATIONS:**

Cranes (all cranes, land or floating with booms including jib, less than 140 ft. above ground), Derricks (all derricks, land, floating or Chicago Boom type with booms including jib, less than 140 ft. above ground), Pile Drivers (all types), under 100 tons.

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# **STRUCTURAL STEEL ERECTION** Rates Expiration Date:

**Effective Dates:** 

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
64.49	39.15	103.64	106.14

# **CLASSIFICATIONS:**

Helicopter Pilot & Engineer

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

#### TEST BORING PRELIMINARY TO CONSTRUCTION-SOUTH/WEST Rates Expiration Date:

#### THESE RATES APPLY IN THE FOLLOWING COUNTIES ONLY:

Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Hunterdon, Mercer, Monmouth, Ocean, Salem, Sussex, Warren

The regular workday consists of 8 hours, Monday to Friday, between 6:00 AM and 5:30 PM.

#### SHIFT DIFFERENTIALS:

- Shift work must be established for 5 consecutive workdays.
- Any work started outside of the allowed start time, 6:00 AM to 9:00 AM, except for \* tidal work, shall be considered an irregular shift and paid at straight time, plus 15% for the first eight hours, inclusive of benefits.
- \* FOR TIDAL WORK- a contractor can start their job according to tide schedules (tide schedules are the various high and low tides related to this work), providing the eight hour shift is completed between the hours of 5:00 AM and 6:30 PM.
- All time worked in excess of an established shift (an established shift is a shift that is determined at the time of the bid) shall be paid at the applicable overtime rate. When a portion of an established shift works into Saturday, Sunday or a holiday, that time worked shall be paid at the established shift rate.
- When working with other trades who receive a higher irregular shift differential, these employees shall also receive the higher differential rate.

#### OVERTIME:

- Hours in excess of 8 per day, or outside of the regular workday, Monday through Friday, that are not shift work, and all hours on Saturday shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sunday and holidays shall be paid at double the regular rate, inclusive of benefits.
- Four 10-hour days may be worked, Monday through Thursday, at straight time, with all hours on Friday paid at time and one-half the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. When all trades on a particular job site agree, the day after Thanksgiving may be substituted for Veterans Day.

For projects bid after April 1, 2020, on hazardous waste removal work of any kind, including a state or federally designated site, where the operating engineer is required to wear level A, B, or C personal protection, the operating engineer shall receive an hourly wage rate of his regular hourly wage plus \$5.00 per hour.

- An operating engineer working at a hazardous waste removal project or site at a task requiring hazardous waste related certification, but who is not working in a zone requiring level A, B, or C personal protection, shall receive an hourly wage rate of his regular rate plus \$1.00 per hour.

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
60.47	39.15	99.62	102.12

### **CLASSIFICATIONS:**

Driller

### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
53.63	39.15	92.78	95.28

# **CLASSIFICATIONS:**

Driller's Helper

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

#### FREE AIR TUNNEL JOBS Rates Expiration Date :

{For apprentice rates refer to "Heavy & General" apprentice rates in any county rate package}

The regular workday consists of 8 hours, starting at 7:00 AM or 8:00 AM.

#### SHIFT DIFFERENTIALS:

- Shifts must start at 3:00 PM, 4:00 PM, 12:00 AM, or 1:00 AM, to be considered shift work, except when the project owner mandates special hours of work in the job specifications, in which case those hours may be considered shift work.
- When such hours are mandated by the project owner, a shift that begins before midnight on Friday and ends on Saturday morning, or that begins at or after 8:00 PM on Sunday and ends on Monday morning may be paid at the shift differential rate.
- Shifts shall receive an additional \$3.00 per hour.

#### **OVERTIME:**

- Hours in excess of 8 per day, Monday through Friday, or outside of the regular workday that are not shift work, and all hours on Saturdays, shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.
- Four 10-hour days may be worked, Monday through Thursday, at straight time, with Friday used as a make-up day for a day lost to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. Veterans Day may be substituted for the day after Thanksgiving. However, in the trading of Veterans Day for the day after Thanksgiving, if overtime is worked on Veterans Day, it shall be paid at double the hourly rate.

#### Hazardous Waste Work:

- -where Level A, B, or C protection is required: + \$5.00/hr
- -other Hazardous Waste site: + \$1.00/hr

Traffic Control Coordinator: When either of the work classifications found below are working as a Traffic Control Coordinator they are to receive \$.75 above their current rate of pay.

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
65.06	37.33	102.39	106.26	109.94

### **CLASSIFICATIONS:**

Walking Boss & Superintendent

#### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
64.69	37.33	102.02	105.88	109.57

#### **CLASSIFICATIONS:**

Heading Foreman, Shaft Foreman, Rod Foreman, Electrician Foreman, Rigging Foreman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

#### ENTIRE STATE

### FREE AIR TUNNEL JOBS Rates Expiration Date :

#### **Effective Dates:**

	04/17/202	24	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
64.06	37.33	101.39	105.26	108.94

#### **CLASSIFICATIONS:**

Iron Foreman, Caulking Foreman, Form Foreman, Cement Finishing Foreman, Concrete Foreman, Track Foreman, Cleanup Foreman, Grout Foreman

### **Effective Dates:**

	04/17/202	24	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
67.19	37.33	104.52	108.38	112.07

#### **CLASSIFICATIONS:**

Blaster

#### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total	
63.38	37.33	100.71	104.57	108.26	

### **CLASSIFICATIONS:**

Top Labor Foreman

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
62.94	37.33	100.27	104.13	107.82

# **CLASSIFICATIONS:**

Skilled Men (including Caulker, Powder Carrier, all other skilled men)

Skilled Men (including Miner, Drill Runner, Iron Man, Conveyor Man, Manitenance Man, Safety Miner, Rigger, Block Layer, Cement Finisher, Tod Man)

### **Effective Dates:**

	04/17/202	24	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
62.75	37.33	100.08	103.94	107.63

#### **CLASSIFICATIONS:**

Semi-Skilled Men (including Bell or Signal Man Top or Bottom, Form Worker & Mover, Concrete Worker, Shaft Man, Tunnel Laborer, Caulker's Helper, all other semi-skilled)

Semi-Skilled Men (including Miner's Helper, Chuck Tender, Track Man, Nipper, Brake Man, Derail Man, Cable Man, Hose Man, Gravel Man, Form Man)

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

ENTIRE STATE

# FREE AIR TUNNEL JOBS Rates Expiration Date :

**Effective Dates:** 

	04/17/202	4	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
62.25	37.33	99.58	103.44	107.13

# **CLASSIFICATIONS:**

All Others (including Powder Watchman, Change House Attendant, Top Laborer)

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

**ENTIRE STATE** 

### DRILL FOR GROUND WATER SUPPLY Rates Expiration Date:

The well driller and/or helper may perform all work relative to the construction, finishing, and servicing of wells, pumps and borings for ground water supply. The present methods of well drilling entailing as they do, many diverse job operations calling for drilling, pump discharge, piping, and the operation of various types of related power equipment, shall all be within the job duties and functions of the well driller and/or helper. In the event that an extension of work should occur beyond water well drilling functions, into the field of general construction work, such extension of work would come under the appropriate rates listed elsewhere in this wage determination.

- For Work Hours, Shift Differentials, Overtime Rates, and Recognized Holidays see the "Operating Engineers" section of this wage determination.

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
59.22	39.15	98.37	100.87

#### **CLASSIFICATIONS:**

Driller

#### **Effective Dates:**

07/01/2024			07/01/2025
Rate	Fringe	Total	Total
52.38	39.15	91.53	94.03

#### **CLASSIFICATIONS:**

Driller's Helper

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

#### ENTIRE STATE

### OPERATING ENGINEERS MARINE-DREDGING Rates Expiration Date:

NOTE: These wage rates only apply to dredging and other marine construction activities occurring in navigable waters and their tributaries.

Boat crews carrying explosive material (dynamite, pourfex, and other similar materials) shall be paid at 120% of the hourly wage rate for hours engaged in handling of said materials. Employees required to possess a Hazardous Material Certification as a condition of employment shall be compensated at 120% of the hourly wage rate.

### OVERTIME:

Hours in excess of 40 per week, and all hours on Saturdays and Sundays, shall be paid at time and one-half the hourly rate. All hours on holidays shall be paid at double the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Martin Luther King Day, Good Friday, Memorial Day, July 4th, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday.

#### **Effective Dates:**

### 10/01/2023

Rate	Fringe	Total
45.26	15.22	60.48

#### **CLASSIFICATIONS:**

Lead Dredgerman, Operator, Leverman

Licensed Tug Operator (over 1000 HP)

#### **Effective Dates:**

#### 10/01/2023

Rate	Fringe	Total	
39.14	14.79	53.93	

### **CLASSIFICATIONS:**

Derrick Operator, Spider/Spill Barge Operator

Engineer, Electrician, Chief Welder, Chief Mate

Fill Placer, Operator II

Licensed Boat Operator

Maintenance Engineer

#### **Effective Dates:**

#### 10/01/2023

Rate	Fringe	Total
36.84	14.63	51.47

#### **CLASSIFICATIONS:**

Certified Welder

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE

# OPERATING ENGINEERS MARINE-DREDGING Rates Expiration Date :

### **Effective Dates:**

10/01/2023

Rate Fringe Total 35.83 14.31 50.14

# **CLASSIFICATIONS:**

Mate, Drag Barge Operator, Steward, Assistant Fill Placer

Welder

### **Effective Dates:**

10/01/2023

Rate Fringe Total 34.68 14.23 48.91

### **CLASSIFICATIONS:**

**Boat Operator** 

#### **Effective Dates:**

10/01/2023

Rate Fringe Total 28.81 13.82 42.63

### **CLASSIFICATIONS:**

Shoreman, Deckhand, Rodman, Scowman

# **Effective Dates:**

10/01/2023

Rate Fringe Total 40.33 14.87 55.20

### **CLASSIFICATIONS:**

Crane Operator

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

ENTIRE STATE

### MICROSURFACING/SLURRY SEAL Rates Expiration Date :

# THESE RATES APPLY IN THE FOLLOWING COUNTIES ONLY:

Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Ocean, Salem

\*\*\*IN ALL OTHER COUNTIES use the Heavy and General Laborers - North "Slurry Seal Laborer" rates.\*\*\*

# SHIFT DIFFERENTIALS:

Any shift starting at 3:30 PM or later shall receive an additional \$0.35/hr

#### **OVERTIME:**

Hours in excess of 8 per day or 40 per week shall be paid at time and one-half the hourly rate. All hours on holidays shall be paid at double the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day.

#### **Effective Dates:**

03/01/	2017
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Rate	Fringe	Total
36.50	21.27	57.77

#### **CLASSIFICATIONS:**

Foreman

### **Effective Dates:**

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Rate	Fringe	Total	
33.80	21.27	55.07	

#### **CLASSIFICATIONS:**

Box man

#### **Effective Dates:**

Rate	Fringe	Total	
31.75	21.27	53.02	

#### **CLASSIFICATIONS:**

Microsurface/Slurry Preparation

### **Effective Dates:**

### 03/01/2017

Rate	Fringe	Total
31.75	21.27	53.02

# **CLASSIFICATIONS:**

Squeegee man

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# MICROSURFACING/SLURRY SEAL Rates Expiration Date :

**Effective Dates:** 

03/01/2017

Rate Fringe Total 30.30 21.27 51.57

# **CLASSIFICATIONS:**

Cleaner, Taper

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

ENTIRE STATE

#### ASPHALT LABORERS - SOUTH Rates Expiration Date :

"THESE RATES APPLY IN THE FOLLOWING COUNTIES ONLY: Atlantic, Burlington, Camden, Cape May, Cumberland,

Gloucester, Mercer, Ocean, Salem

{For apprentice rates refer to "Laborer - Heavy & General" apprentice rates in any county rate package}

The regular workday consists of 8 hours, starting at 7:00 AM or 8:00 AM.

#### SHIFT DIFFERENTIALS:

- Shifts must start at 3:00 PM, 4:00 PM, 12:00 AM, or 1:00 AM, to be considered shift work, except when the project owner mandates special hours of work in the job specifications, in which case those hours may be considered shift work.
- When such hours are mandated by the project owner, a shift that begins before midnight on Friday and ends on Saturday morning, or that begins at or after 8:00 PM on Sunday and ends on Monday morning may be paid at the shift differential rate.
- Shifts shall receive an additional \$3.00 per hour.

#### **OVERTIME:**

- Hours in excess of 8 per day, Monday through Friday, or outside of the regular workday that are not shift work, and all hours on Saturdays, shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.
- Four 10-hour days may be worked, Monday through Thursday, at straight time, with Friday used as a make-up day for a day lost to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. Veterans Day may be substituted for the day after Thanksgiving. However, in the trading of Veterans Day for the day after Thanksgiving, if overtime is worked on Veterans Day, it shall be paid at double the hourly rate.

Hazardous Waste Work:

- -where Level A, B, or C protection is required: + \$5.00/hr
- -other Hazardous Waste site: + \$1.00/hr

FOR TIDE WORK (pertains to tidal water): A contractor can start their job according to tide schedules (tide schedules are the various high and low tides related to this work) providing the eight (8) hour shift is completed between the hours of 5:00 AM and 6:30 PM.

# **Effective Dates:**

03/21/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
53.55	37.33	90.88	94.33	97.58

#### **CLASSIFICATIONS:**

Paving Foreman

#### **Effective Dates:**

03/21/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
50.10	37.33	87.43	90.88	94.13

#### **CLASSIFICATIONS:**

Head Raker

#### **Effective Dates:**

03/21/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
50.25	37.33	87.58	91.03	94.28

#### **CLASSIFICATIONS:**

Screedman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE PRE

### **Effective Dates:**

	03/21/202	4	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
49.70	37.33	87.03	90.48	93.73

Rates Expiration Date:

# **CLASSIFICATIONS:**

Tampers, Smoothers, Kettlemen, Painters, Shovelers, Roller Boys

ASPHALT LABORERS - SOUTH

### **Effective Dates:**

03/21/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
49.80	37.33	87.13	90.58	93.83

### **CLASSIFICATIONS:**

Milling Controller

# **Effective Dates:**

03/21/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
50.00	37.33	87.33	90.78	94.03

# **CLASSIFICATIONS:**

Traffic Control Coordinator

### **Effective Dates:**

03/21/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
49.95	37.33	87.28	90.73	93.98

# **CLASSIFICATIONS:**

Raker, Luteman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# TEST BORING PRELIMINARY TO CONSTRUCTION-NORTH Rates Expiration Date:

### THESE RATES APPLY IN THE FOLLOWING COUNTIES ONLY:

Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, Union

### SHIFT DIFFERENTIAL:

Employees on a shift other than between the hours of 8:00 AM and 5:00 PM shall receive an additional \$2.00 per hour.

#### **OVERTIME:**

Hours in excess of 8 per day, Monday through Friday, and all hours on Saturday shall be paid at time and one-half the regular rate. All hours on Sundays and holidays shall be paid at double the regular rate.

RECOGNIZED HOLIDAYS: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day, and Christmas Day. Sunday holidays observed the following Monday.

Hazardous Waste Pay (for Levels A, B, and C): an additional 15% of the hourly rate, per hour.

A newly hired Helper with no experience in the industry shall be paid as follows:

1st year on the job - 70% of Helper wage rate

2nd year on the job - 80% of Helper wage rate

3rd year on the job - 90% of Helper wage rate

All helpers receive full fringe benefit rate.

#### **Effective Dates:**

#### 12/01/2023

Rate	Fringe	Total
36.28	33.49	69.77

#### **CLASSIFICATIONS:**

Helper (4th year helper)

#### **Effective Dates:**

# 12/01/2023

Rate	Fringe	Total
46.25	33.49	79.74

### **CLASSIFICATIONS:**

Driller

# **Effective Dates:**

12	/01	121	023

Rate	Fringe	Total
52.66	33.49	86.15

#### **CLASSIFICATIONS:**

Foreman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE

#### HEAVY & GENERAL LABORERS - NORTH Rates Expiration Date :

#### THESE RATES APPLY IN THE FOLLOWING COUNTIES ONLY:

Bergen, Essex, Hudson, Hunterdon, Middlesex, Monmouth, Morris, Passaic, Somerset, Sussex, Union, Warren

{For apprentice rates refer to "Laborer - Heavy & General" apprentice rates in any county rate package}

The regular workday consists of 8 hours, starting at 7:00 AM or 8:00 AM.

#### SHIFT DIFFERENTIALS:

- Shifts must start at 3:00 PM, 4:00 PM, 12:00 AM, or 1:00 AM, to be considered shift work, except when the project owner mandates special hours of work in the job specifications, in which case those hours may be considered shift work.
- When such hours are mandated by the project owner, a shift that begins before midnight on Friday and ends on Saturday morning, or that begins at or after 8:00 PM on Sunday and ends on Monday morning may be paid at the shift differential rate.
- Shifts shall receive an additional \$3.00 per hour.

FOR TIDE WORK (pertains to tidal water): A contractor can start their job according to tide schedules (tide schedules are the various high and low tides related to this work) providing the eight (8) hour shift is completed between the hours of 5:00 AM and 6:30 PM.

#### OVERTIME:

- Hours in excess of 8 per day, Monday through Friday, or outside of the regular workday that are not shift work, and all hours on Saturdays, shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.
- Four 10-hour days may be worked, Monday through Thursday, at straight time, with Friday used as a make-up day for a day lost to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. Veterans Day may be substituted for the day after Thanksgiving. However, in the trading of Veterans Day for the day after Thanksgiving, if overtime is worked on Veterans Day, it shall be paid at double the hourly rate.

#### Hazardous Waste Work:

- -where Level A, B, or C protection is required: + \$5.00/hr
- -other Hazardous Waste site: + \$1.00/hr

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
49.30	37.33	86.63	90.08	93.33

# **CLASSIFICATIONS:**

"D" Rate:

basic, landscape, asphalt, slurry seal, or railroad track laborer; utility meter installer; flagman; salamander tender; pitman; dumpman; rakers or tampers on cold patch work; wrappers or coaters of pipe; waterproofer; timberman; wagon drill or drill master helper; powder carrier; magazine tender; signal man; power buggy operator; tree cutter; operator of basic power tools

#### Effective Dates:

04/17/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
50.00	37.33	87.33	90.78	94.03

#### **CLASSIFICATIONS:**

"C" Rate:

pipe layer; laser man; conduit or duct line layer; operator of jack hammer, chipping hammer, pavement breaker, concrete cutter, asphalt cutter, sheet hammer, or walk-behind saw cutter; sandblaster; acetylene cutting or burning; wagon drill, directional drill, or hydraulic drill operator; drill master; core driller; asphalt raker or lute man

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE

### HEAVY & GENERAL LABORERS - NORTH Rates Expiration Date :

### **Effective Dates:**

04/17/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
50.25	37.33	87.58	91.03	94.28

### **CLASSIFICATIONS:**

"B" Rate:

concrete finisher; setter of brick or stone pavers; stone cutter; form setter; manhole, catch basin, or inlet builder; asphalt screedman; rammer; hardscaping; gunite nozzle man

#### **Effective Dates:**

	04/17/2024		03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
53.80	37.33	91.13	94.58	97.83

#### **CLASSIFICATIONS:**

"A" Rate:

blaster

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
53.55	37.33	90.88	94.33	97.58

# **CLASSIFICATIONS:**

"FOREMAN" Rate:

labor foreman, asphalt foreman, drill foreman, pipe foreman, grade foreman, finisher foreman, concrete foreman

### **Effective Dates:**

	04/17/202	4	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
54.55	37.33	91.88	95.33	98.58

# **CLASSIFICATIONS:**

"GENERAL FOREMAN" Rate

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
50.75	37.33	88.08	91.53	94.78

### **CLASSIFICATIONS:**

TRAFFIC CONTROL COORDINATOR Rate

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

#### HEAVY & GENERAL LABORERS - SOUTH Rates Expiration Date :

#### THESE RATES APPLY IN THE FOLLOWING COUNTIES ONLY:

Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Ocean, Salem

{For apprentice rates refer to "Laborer - Heavy & General" apprentice rates in any county rate package}

The regular workday consists of 8 hours, starting at 7:00 AM or 8:00 AM.

#### SHIFT DIFFERENTIALS:

- Shifts must start at 3:00 PM, 4:00 PM, 12:00 AM, or 1:00 AM, to be considered shift work, except when the project owner mandates special hours of work in the job specifications, in which case those hours may be considered shift work.
- When such hours are mandated by the project owner, a shift that begins before midnight on Friday and ends on Saturday morning, or that begins at or after 8:00 PM on Sunday and ends on Monday morning may be paid at the shift differential rate.
- Shifts shall receive an additional \$3.00 per hour.

FOR TIDE WORK (pertains to tidal water): A contractor can start their job according to tide schedules (tide schedules are the various high and low tides related to this work) providing the eight (8) hour shift is completed between the hours of 5:00 AM and 6:30 PM. OVERTIME:

- Hours in excess of 8 per day, Monday through Friday, or outside of the regular workday that are not shift work, and all hours on Saturdays, shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.
- Four 10-hour days may be worked, Monday through Thursday, at straight time, with Friday used as a make-up day for a day lost to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. Veterans Day may be substituted for the day after Thanksgiving. However, in the trading of Veterans Day for the day after Thanksgiving, if overtime is worked on Veterans Day, it shall be paid at double the hourly rate.

# Hazardous Waste Work:

- -where Level A, B, or C protection is required: + \$5.00/hr
- -other Hazardous Waste site: + \$1.00/hr

#### **Effective Dates:**

03/21/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
49.30	37.33	86.63	90.08	93.33

#### **CLASSIFICATIONS:**

basic, landscape, or railroad track laborer; utility meter installer; flagman; salamander tender; pitman; dumpman; rakers or tampers on cold patch work; wrappers or coaters of pipe; waterproofers; tree cutter, timberman

#### **Effective Dates:**

03/21/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
49.30	37.33	86.63	90.08	93.33

#### **CLASSIFICATIONS:**

wagon drill or drill master helper; powder carrier; magazine tender; signal man

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE

# HEAVY & GENERAL LABORERS - SOUTH Rates Expiration Date :

#### **Effective Dates:**

03/21/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
50.00	37.33	87.33	90.78	94.03

### **CLASSIFICATIONS:**

pipe layer; laser man; conduit or duct line layer; operator of jack hammer, chipping hammer, pavement breaker, concrete cutter, asphalt cutter, sheet hammer, or walk-behind saw cutter; sandblaster; acetylene cutting or burning

### **Effective Dates:**

03/21/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
50.00	37.33	87.33	90.78	94.03

#### **CLASSIFICATIONS:**

wagon or directional drill operator; drill master

### **Effective Dates:**

	03/21/202	4	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
53.80	37.33	91.13	94.58	97.83

### **CLASSIFICATIONS:**

blaster

### **Effective Dates:**

	03/21/202	4	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
53.55	37.33	90.88	94.33	97.58

# **CLASSIFICATIONS:**

labor foreman, drill foreman, pipe foreman, grade foreman, finisher foreman, concrete foreman

#### **Effective Dates:**

	03/21/202	4	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
54.55	37.33	91.88	95.33	98.58

#### **CLASSIFICATIONS:**

general foreman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# HEAVY & GENERAL LABORERS - SOUTH Rates Expiration Date :

# **Effective Dates:**

03/21/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
50.25	37.33	87.58	91.03	94.28

# **CLASSIFICATIONS:**

concrete finisher; setter of brick or stone pavers; stone cutter; form setter; manhole, catch basin, or inlet builder; rammer; gunite nozzle man

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

#### PIPELINE - MAINLINE TRANSMISSION Rates Expiration Date :

These rates apply to the following: welding on Transportation Mainline pipe lines (cross-country pipe lines, or any segments thereof, transporting coal, gas, oil, water or other transportable materials, vapors or liquids, including portions of such pipe lines within private property boundaries up to the final metering station or connection - the point where a valve, consumer connection, or town border station divides mainline transmission lines or higher pressure lateral and branch lines from lower pressure distribution systems).

#### PER DIEM PAYMENT:

In addition to the total wage rate paid for each craft, the following per diem (per day) amounts must also be paid - Pipeline Journeyman: \$80.50; Pipeline Journeyman Welder: \$140.50; and Pipeline Helper: \$64.50. Note: in order to receive the per diem payment an employee must work a minimum of 8 hours in a 24 hour period.

#### NOTES:

- Journeymen employed as "stringer bead" welders and journeymen who are regularly employed as "hot-pass" welders shall receive \$1.00 per hour more than other journeymen.
- Welders running "stringer bead" or "hot-pass" on "cutouts" or "tie-ins" on a production basis shall be paid \$1.00 per hour above the journeymen rate.
- Whenever a welder helper is employed using a power buffer or power grinder immediately behind the stringer bead and/or hot-pass welders, and the pipe gang is set on a production basis, the helper shall be paid \$2.00 per hour above the helper rate.
- If back welding is performed inside a pipe under either or both of the following conditions, the welder engaged in the welding will receive \$3.00 per hour above the regular rate for the job only for the days on which such back welding is performed:
  - The employer elects, as a regular procedure, to back weld each line-up. This condition is not intended to apply to occasional back welding performed by the pipe gang to repair a bead, to rectify a "high-lo" condition or wall thickness, etc.
  - A welder is required to back weld a completed weld behind the firing line.
- If the welder helper is required to go inside the pipe for the purpose of brushing, buffing and grinding the weld, they shall receive a wage rate \$1.00 per hour above the regular

helper rate for the days involved.

- Welders working on "hot work" shall be paid \$2.00 per hour above the regular rate for each day engaged in such work. "Hot work' is defined as work on lines in service where there is the danger of fire or explosion.

The regular workday shall be 8 hours, between 8:00 AM and 4:30 PM.

### OVERTIME:

Hours in excess of 8 per day, and all hours on Sundays shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on holidays shall be paid at double the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, July 4th, Labor Day, Thanksgiving Day, and Christmas Day. Sunday holidays observed the following Monday.

#### **Effective Dates:**

	06/13/2024		
Rate	Fringe	Total	
57.34	35.90	93.24	

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### **CLASSIFICATIONS:**

Pipeline Journeyman Welder

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE

# PIPELINE - MAINLINE TRANSMISSION Rates Expiration Date :

**Effective Dates:** 

06/13/2024

Rate Fringe Total 57.34 35.90 93.24

**CLASSIFICATIONS:** 

Pipeline Journeyman

**Effective Dates:** 

06/13/2024

Rate Fringe Total 33.84 25.02 58.86

**CLASSIFICATIONS:** 

Pipeline Helper

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

ENTIRE STATE

### PIPELINE - GAS DISTRIBUTION Rates Expiration Date :

These rates apply to the following: welding on gas line distribution systems (that portion of the gas distribution system placed in streets, roads, subways, tunnels, viaducts, highways and easements which serves the users of gas).

### SHIFT DIFFERENTIALS:

An "irregular" shift may start any time from 5:00 PM to 12:00 AM, Monday through Friday, and shall receive an additional 15% of the regular rate per hour, inclusive of benefits.

#### OVERTIME:

Hours in excess of forty per week, and all hours on Saturdays shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sundays and holidays shall be paid at double the regular rate, inclusive of benefits.

RECOGNIZED HOLIDAYS: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day, and Christmas Day. Sunday holidays observed the following Monday.

### **Effective Dates:**

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Rate	Fringe	Total
64.70	31.84	96.54

#### **CLASSIFICATIONS:**

Pipeline Journeyman Welder

### **Effective Dates:**

# 11/01/2023

Rate	Fringe	Total
64.70	31.84	96.54

### **CLASSIFICATIONS:**

Pipeline Journeyman

#### **Effective Dates:**

### 11/01/2023

Rate	Fringe	Total
41.00	23.56	64.56

### **CLASSIFICATIONS:**

Pipeline Helper

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

### ENTIRE STATE

#### ASPHALT LABORERS- NORTH Rates Expiration Date:

#### THESE RATES APPLY IN THE FOLLOWING COUNTIES ONLY:

Bergen, Essex, Hudson, Hunterdon, Middlesex, Monmouth, Morris, Passaic, Somerset, Sussex, Union, Warren {For apprentice rates refer to "Laborer - Heavy & General" apprentice rates in any county rate package}

The regular workday consists of 8 hours, starting at 7:00 AM or 8:00 AM.

#### SHIFT DIFFERENTIALS:

- Shifts must start at 3:00 PM, 4:00 PM, 12:00 AM, or 1:00 AM, to be considered shift work, except when the project owner mandates special hours of work in the job specifications, in which case those hours may be considered shift work.
- When such hours are mandated by the project owner, a shift that begins before midnight on Friday and ends on Saturday morning, or that begins at or after 8:00 PM on Sunday and ends on Monday morning may be paid at the shift differential rate.
- Shifts shall receive an additional \$3.00 per hour.

#### **OVERTIME:**

- Hours in excess of 8 per day, Monday through Friday, or outside of the regular workday that are not shift work, and all hours on Saturdays, shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.
- Four 10-hour days may be worked, Monday through Thursday, at straight time, with Friday used as a make-up day for a day lost to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. Veterans Day may be substituted for the day after Thanksgiving. However, in the trading of Veterans Day for the day after Thanksgiving, if overtime is worked on Veterans Day, it shall be paid at double the hourly rate.

#### Hazardous Waste Work:

- -where Level A, B, or C protection is required: + \$5.00/hr
- -other Hazardous Waste site: + \$1.00/hr

FOR TIDE WORK (pertains to tidal water): A contractor can start their job according to tide schedules (tide schedules are the various high and low tides related to this work) providing the eight (8) hour shift is completed between the hours of 5:00 AM and 6:30 PM.

# **Effective Dates:**

04/17/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
53.55	37.33	90.88	94.33	97.58

#### **CLASSIFICATIONS:**

Asphalt Foreman

#### **Effective Dates:**

	04/17/202	4	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
50.25	37.33	87.58	91.03	94.28

#### **CLASSIFICATIONS:**

Asphalt Screedman

#### **Effective Dates:**

04/17/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
50.00	37.33	87.33	90.78	94.03

# **CLASSIFICATIONS:**

Asphalt Raker or Lute Man

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

ENTIRE STATE

# ASPHALT LABORERS- NORTH Rates Expiration Date :

**Effective Dates:** 

	04/17/202	4	03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
49.30	37.33	86.63	90.08	93.33

# **CLASSIFICATIONS:**

Asphalt Laborer

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

### ENTIRE STATE

#### **ELECTRICIAN- UTILITY WORK (NORTH)** Rates Expiration Date:

Electrician-Utility Work (North)

(For apprentice rates refer to Electrician-Utility Work (North) in any county rate package).

These rates apply to work contracted for by the following utility companies:

Public Service Electric & Gas Co. of NJ, GPU Energy, Borough of Madison Electric Department, Sussex Rural

Electric Cooperative, Rockland Utilities, and Butler Municipal Electric Co.

These rates do not apply to work on substations or switching stations.

For Utility work contracted for by a utility company other than those listed above or those listed under "Electrician-

Utility Work (South), see the "Outside Commercial Rates" for the county in which the jobsite is located.

#### \* FOR OUTSIDE COMMERCIAL RATES PLEASE SEE COUNTY RATES

The regular workday is 8 hours, between 6:00 AM and 6:00 PM.

FOR EMERGENCY WORK ONLY: (emergency work is defined as work caused by storm, catastrophe, act of god, and circumstances beyond the control of the employer)-all hours of work shall be paid at double the hourly rate.

### SHIFT DIFFERENTIALS:

Shift work must run for a minimum of 5 consecutive workdays.

2nd shift (between the hours of 4:30 PM and 1:00 AM): 8 hours of work + 17.3% of the regular rate, inclusive of benefits.

3rd shift (between the hours of 12:30 AM and 9:00 AM): 8 hours of work + 31.4% of the regular rate per hour, inclusive of benefits.

#### **OVERTIME:**

Hours in excess of 8 per day, or before or after the regular wokday Monday through Friday, that is not shift work, and all hours on Saturday shall be paid at time and one-half the regular rate, inclusive of benefits. All hours on Sundays and holidays shall be paid at double the hourly rate, inclusive of benefits.

Four 10-hour days may worked, at straight time, between 6:00 AM and 6:00 PM, Monday through Thursday.

### RECOGNIZED HOLIDAYS:

New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day and Christmas Day, or day on which they are legally observed.

#### **Effective Dates:**

12/03/2023			12/01/2024
Rate	Fringe	Total	Total
62.94	43.42	106.36	109.56

#### **CLASSIFICATIONS:**

Chief Lineman

# **Effective Dates:**

12/03/2023			12/01/2024
Rate	Fringe	Total	Total
59.38	40.97	100.35	103.36

# **CLASSIFICATIONS:**

Journeyman Lineman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE

# ELECTRICIAN- UTILITY WORK (NORTH) Rates Expiration Date :

**Effective Dates:** 

12/03/2023			12/01/2024
Rate	Fringe	Total	Total
59.38	40.97	100.35	103.36

# **CLASSIFICATIONS:**

Special License Operator

**Effective Dates:** 

12/03/2023			12/01/2024
Rate Fringe Total			Total
58.79	40.56	99.35	102.32

# **CLASSIFICATIONS:**

Transit Man

**Effective Dates:** 

12/03/2023			12/01/2024
Rate	Fringe	Total	Total
57.00	39.33	96.33	99.21

### **CLASSIFICATIONS:**

Line Equipment Operator

**Effective Dates:** 

12/03/2023			12/01/2024
Rate Fringe Total			Total
49.88	34.41	84.29	86.81

### **CLASSIFICATIONS:**

Dynamite Man

**Effective Dates:** 

12/03/2023			12/01/2024
Rate Fringe Total			Total
74.23	51.21	125.44	129.20

### **CLASSIFICATIONS:**

General Foreman

**Effective Dates:** 

12/03/2023			12/01/2024
Rate	Fringe	Total	Total
68.29	47.12	115.41	118.85

# **CLASSIFICATIONS:**

Assistant General Foreman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ELECTRICIAN- UTILITY WORK (NORTH) Rates Expiration Date :

**Effective Dates:** 

12/03/2023			12/01/2024
Rate	Fringe	Total	Total
66.51	45.89	112.40	115.76

### **CLASSIFICATIONS:**

Line Foreman

### **Effective Dates:**

12/03/2023			12/01/2024
Rate Fringe Total			Total
48.10	33.18	81.28	83.72

# **CLASSIFICATIONS:**

Street Light Mechanical Leader

### **Effective Dates:**

12/03/2023			12/01/2024
Rate	Fringe	Total	Total
45.72	31.54	77.26	79.58

### **CLASSIFICATIONS:**

Groundman Winch Operator

# **Effective Dates:**

12/03/2023			12/01/2024
Rate Fringe Total			Total
45.72	31.54	77.26	79.58

### **CLASSIFICATIONS:**

Groundman Truck Operator

# **Effective Dates:**

12/03/2023			12/01/2024
Rate Fringe Total			Total
45.13	31.13	76.26	78.55

# **CLASSIFICATIONS:**

Street Light Mechanic

### **Effective Dates:**

12/03/2023			12/01/2024
Rate	Fringe	Total	Total
45.13	31.13	76.26	78.55

# **CLASSIFICATIONS:**

Line Equipment Mechanic

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

Rates Expiration Date:

# ENTIRE STATE PR

ELECTRICIAN- UTILITY WORK (NORTH)

**Effective Dates:** 

12/03/2023			12/01/2024
Rate	Fringe	Total	
38.60	26.63	65.23	67.17

# **CLASSIFICATIONS:**

Groundman 2nd Year

**Effective Dates:** 

12/03/2023			12/01/2024
Rate	Fringe	Total	Total
35.63	24.58	60.21	62.02

# **CLASSIFICATIONS:**

Groundman 1st Year

**Effective Dates:** 

	12/01/2024		
Rate	Fringe	Total	Total
58.79	40.56	99.35	102.32

# **CLASSIFICATIONS:**

Line Equipment Foreman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE

#### **ELECTRICIAN- UTILITY WORK (SOUTH)** Rates Expiration Date:

Electrician-Utility Work (South)

(For apprentice rates refer to Electrician-Utility Work (South) in any county rate package).

These rates apply to work contracted for by the following utility company:

Atlantic City Electric.

These rates do not apply to work on substations or switching stations.

For utility work contracted for by a utility company other than the one listed above or those listed under "Electrician-

Utility Work (North), see the "Outside Commercial Rates" for the county in which the jobsite is located.

#### \* FOR OUTSIDE COMMERCIAL RATES PLEASE SEE COUNTY RATES

The regular workday is 8 hours, between 7:00 AM and 4:30 PM.

FOR EMERGENCY WORK ONLY: (emergency work is defined as work caused by storm, catastrophe, act of god, and circumstances beyond the control of the employer)- all hours of work shall be paid at double the hourly rate.

#### SHIFT DIFFERENTIALS:

Shift work must run for a minimum of 5 consecutive workdays.

When two (2) or three (3) shifts are worked the following shall apply:

1st shift (between the hours of 8:00 AM and 4:30 PM)

2nd shift (between the hours of 4:30 PM and 12:30 AM): 8 hours of work + 10% of the regular rate of pay for 7.5 hours worked.

3rd shift (between the hours of 12:30 AM and 8:00 AM): 8 hours of work + 15% of the regular rate of pay for 7 hours worked.

#### OVERTIME:

Hours in excess of 8 per day, or before or after the regular wokday Monday through Friday, that is not shift work, and all hours on Saturday shall be paid at time and one-half the regular rate. All hours on Sundays and Holidays shall be paid double the hourly rate.

Four 10-hour days may be worked, at straight time, between 6:00 AM and 6:00 PM, Monday through Thursday with Friday used as a make-up day.

#### RECOGNIZED HOLIDAYS:

New Year's Day, Memorial Day, July 4th, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day or on days celebrated.

#### WORKING RULES:

There shall be a Foreman in charge of each work crew. No crews are to exceed twelve (12) men, including Foremen.

There shall be a General Foreman designated for transmission work when three (3) or more crews are on the same job and for distribution work where there are are more than twenty (20) employees on site.

A small job crew shall consist of five (5) or less employees, one (1) of the Journeyman Linemen in the crew shall be designated as a Small Job Foreman.

Work performed from ladders and/or mechanical lift equipment shall be the work of Linemen and/or Apprentices.

On new construction, fitting and framing poles, towers or structures may be done by Journeymen and/or Apprentices. Groundmen may assist, but may not perform any work which would be performed by Linemen if assembled in the air.

There shall be a Journeyman Lineman in each pole setting, erection, grounding, wire and cable-pulling crew of more than three (3) men.

#### **Effective Dates:**

#### 12/03/2023

Rate	Fringe	Total
69.38	57.15	126.53

#### **CLASSIFICATIONS:**

General Foreman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE

# **ELECTRICIAN- UTILITY WORK (SOUTH)** Rates Expiration Date:

**Effective Dates:** 

12/03/2023

Rate Fringe Total 61.79 52.45 114.24

**CLASSIFICATIONS:** 

Foreman

**Effective Dates:** 

12/03/2023

Rate Fringe Total 58.54 50.46 109.00

**CLASSIFICATIONS:** 

Small Job Foreman

**Effective Dates:** 

12/03/2023

Rate Fringe Total 54.20 47.78 101.98

**CLASSIFICATIONS:** 

Heavy Equipment Operator

**Effective Dates:** 

12/03/2023

Rate Fringe Total 54.20 47.78 101.98

**CLASSIFICATIONS:** 

Cable Splicer

**Effective Dates:** 

12/03/2023

Rate Fringe Total 54.20 47.78 101.98

**CLASSIFICATIONS:** 

Journeyman Lineman

**Effective Dates:** 

12/03/2023

Rate Fringe Total 54.20 47.78 101.98

**CLASSIFICATIONS:** 

Journeyman Welder

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

### **ENTIRE STATE**

### **ELECTRICIAN- UTILITY WORK (SOUTH)** Rates Expiration Date:

**Effective Dates:** 

12/03/2023

Rate Fringe Total 54.20 47.78 101.98

**CLASSIFICATIONS:** 

Journeyman Painter

**Effective Dates:** 

12/03/2023

Rate Fringe Total 43.36 41.09 84.45

**CLASSIFICATIONS:** 

Light Equipment Operator

**Effective Dates:** 

12/03/2023

Rate Fringe Total 37.94 37.71 75.65

**CLASSIFICATIONS:** 

Groundman Truck Driver

**Effective Dates:** 

12/03/2023

Rate Fringe Total 35.23 36.05 71.28

**CLASSIFICATIONS:** 

Groundman 3rd Year

**Effective Dates:** 

12/03/2023

Rate Fringe Total 32.52 34.37 66.89

**CLASSIFICATIONS:** 

Groundman 2nd Year

**Effective Dates:** 

12/03/2023

Rate Fringe Total 29.81 32.69 62.50

**CLASSIFICATIONS:** 

Groundman 1st Year

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

ENTIRE STATE

ELECTRICIAN- UTILITY WORK (SOUTH) Rates Expiration Date :

**Effective Dates:** 

12/03/2023

Rate Fringe Total 23.85 29.03 52.88

**CLASSIFICATIONS:** 

Flagman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

#### HEAVY & GENERAL LABORERS- NEW TRANS HUDSON TUNNELS Rates Expiration Date :

\*\*THESE RATES APPLY TO CONSTRUCTION ON NEW TRANS HUDSON TUNNELS ONLY\*\*

{For apprentice rates refer to "Laborer - Heavy & General" apprentice rates in any county rate package}

The regular workday consists of 8 hours, starting at 7:00 AM or 8:00 AM.

#### SHIFT DIFFERENTIALS:

- Shifts must start at 3:00 PM, 4:00 PM, 12:00 AM, or 1:00 AM, to be considered shift work, except when the project owner mandates special hours of work in the job specifications, in which case those hours may be considered shift work.
- When such hours are mandated by the project owner, a shift that begins before midnight on Friday and ends on Saturday morning, or that begins at or after 8:00 PM on Sunday and ends on Monday morning may be paid at the shift differential rate.
- Shifts shall receive an additional \$3.00 per hour.

#### OVERTIME:

- Hours in excess of 8 per day, Monday through Friday, or outside of the regular workday that are not shift work, and all hours on Saturdays, shall be paid at time and one-half the hourly rate. All hours on Sundays and holidays shall be paid at double the hourly rate.
- Four 10-hour days may be worked, Monday through Thursday, at straight time, with Friday used as a make-up day for a day lost to inclement weather. If Friday is not a make-up day, all hours on Friday shall be paid at time and one-half the hourly rate.

RECOGNIZED HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, July 4th, Labor Day, Presidential Election Day, Veterans' Day, Thanksgiving Day, Christmas Day. Sunday holidays observed the following Monday. Veterans Day may be substituted for the day after Thanksgiving. However, in the trading of Veterans Day for the day after Thanksgiving, if overtime is worked on Veterans Day, it shall be paid at double the hourly rate.

#### Hazardous Waste Work:

- -where Level A, B, or C protection is required: + \$5.00/hr
- -other Hazardous Waste site: + \$1.00/hr

Traffic Control Coordinator: When either of the work classifications found below are working as a Traffic Control Coordinator they are to receive \$.75 above their current rate of pay.

#### **Effective Dates:**

04/17/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
78.08	37.33	115.41	119.68	123.81

#### **CLASSIFICATIONS:**

Walking Boss & Superintendent

### **Effective Dates:**

04/17/2024		03/01/2025	03/01/2026	
Rate	Fringe	Total	Total	Total
77.63	37.33	114.96	119.23	123.36

### **CLASSIFICATIONS:**

Heading Foreman, Shaft Foreman, Rod Foreman, Electrical Foreman, Rigging Foreman

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

### ENTIRE STATE

### HEAVY & GENERAL LABORERS- NEW TRANS HUDSON TUNNELS Rates Expiration Date :

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
76.88	37.33	114.21	118.48	122.61

### **CLASSIFICATIONS:**

Iron Foreman, Caulking Foreman, Form Foreman, Cement Finishing Foreman, Concrete Foreman, Track Foreman, Clean-up Foreman, Grout Foreman

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
80.63	37.33	117.96	122.23	126.36

### **CLASSIFICATIONS:**

Blaster

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
76.05	37.33	113.38	117.66	121.78

### **CLASSIFICATIONS:**

Top Labor Foreman

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
75.53	37.33	112.86	117.13	121.26

### **CLASSIFICATIONS:**

Skilled Men (including Caulker, Powder Carrier, all other skilled men)

Skilled Men (including Miner, Drill Runner, Iron Man, Conveyor Man, Maintenance Man, Safety Miner, Rigger, Block Layer, Cement Finisher, Rod Man)

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
75.30	37.33	112.63	116.91	121.03

# **CLASSIFICATIONS:**

Semi-Skilled Men (including Bell or Signal Man top or bottom, Form Worker & Mover, Concrete Worker, Shaft Man, Tunnel Laborer, Caulker's Helper, all other semi-skilled)

Semi-Skilled Men (including Miner's Helper, Chuck Tender, Track Man, Nipper, Brake Man, Derail Man, Cable Man, Hose Man, Gravel Man, Form Man)

TERRITORY

# NEW JERSEY DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT PREVAILING WAGE RATE DETERMINATION

# ENTIRE STATE PREVAILING WAGE RATE DETERMINATION

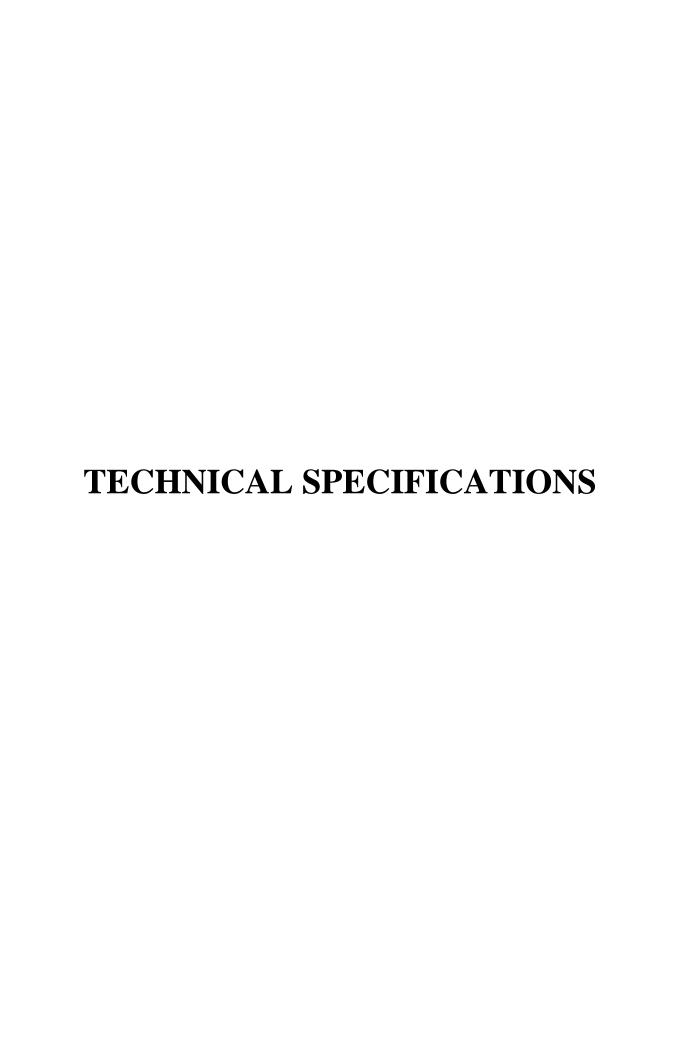
HEAVY & GENERAL LABORERS- NEW TRANS HUDSON TUNNELS Rates Expiration Date :

### **Effective Dates:**

04/17/2024			03/01/2025	03/01/2026
Rate	Fringe	Total	Total	Total
74.70	37.33	112.03	116.31	120.43

### **CLASSIFICATIONS:**

All others (including Powder Watchman, Change House Attendant, Top Laborer, Job Steward)



# TABLE OF CONTENTS TECHNICAL SPECIFICATIONS

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# DEBARMENT LIST

The list of debarred firms and individuals can be reviewed at the following web address: <a href="https://www.nj.gov/labor/wagehour/wagerate/prevailing">https://www.nj.gov/labor/wagehour/wagerate/prevailing</a> wage debarment list.html

# PREVAILING COUNTY & STATE WAGE RATES

Prevailing wage rates are available online at the following web address: <a href="https://www.nj.gov/labor/wagehour/wagerate/pwr\_construction.html">https://www.nj.gov/labor/wagehour/wagerate/pwr\_construction.html</a>.

A copy will be included with each contract set provided to the awarded contractor.

END OF TABLE

# **SCOPE OF WORK**

### 1.01 General

The project consists of improvements to the tennis courts at Warinanco Park in the Borough of Roselle, Union County, New Jersey.

The work for this project includes, but is not necessarily limited to the following major work items:

# 1.02 Description

- 1. Demolition of existing clay court, nets, and chain-link fence and gates.
- 2. Installation of three (3) tennis courts and two (2) tennis/pickleball courts, including hot mix asphalt paving, acrylic resurfacing, color coating and line striping, as well as new tennis net systems.
- 3. Installation of new 10' high vinyl chain-link fence, acoustifence panels, and player's benches, as indicated on the plans.
- 4. Installation of new concrete sidewalk and landscaping.
- 1.03 All related incidental work, including traffic control, dust control, soil erosion control, clearing, cleaning and restoration.
- 1.04 The contractor is responsible for the location of all utilities and for scheduling all work involved with utilities. Any cost related to the contractor shall be included in the various items of the proposal.
- 1.05 The above Scope of Work outlines the general items and shall not be construed as being all-inclusive.
- 1.06 The plans entitled "Warinanco Park Tennis Courts Improvements" Borough of Roselle, Union County, New Jersey," are appended hereto and are now made part of these specifications.

END OF SCOPE OF WORK

# SECTION 01000 GENERAL REQUIREMENTS

### 1.01 GENERAL

- A. Only major items of work are given in the Bid Form, but it is the intent of the specifications to secure a completely interconnected and functionable system, and if any workmanship or materials be required which are obviously necessary to carry out the full intent and meaning of the plans and specifications or to be reasonably inferred therefrom, the cost of such workmanship or materials shall be included in the unit price for the major items of work.
- B. Where construction is being performed in traveled roadways, Contractor is to provide necessary traffic control and devices in accordance with the Current Manual on Uniform Control Devices.
- C. Contractor shall notify all utility companies prior to construction of the work under this contract including the utility "Call Before You Dig" requirement at 1-800-272-1000 for any excavation or asphalt paving work under the contract.
- D. Prior to any excavation, the Contractor shall have all utilities marked, and shall excavate or otherwise determine the exact location and elevations of said utilities. The Contractor shall notify the Engineer of any conflicts. The Contractor shall arrange for any necessary utility relocations or plan changes and shall reschedule his operations appropriately.
- E. The contractor, in the construction of any project, shall not stockpile materials or his equipment on any private property; except areas designated by the plans or as directed by the Engineer. If so required, the Engineer may direct the Contractor to have his equipment removed from any project during weekend hours.
- F. All work of refilling sunken ditches, repaving over trenches and keeping streets and sidewalks in passable condition shall be done to the satisfaction of the owner during the construction of the above work as well as during the maintenance period. If any work is not done within five (5) days after written notice is given by the Engineer, the work may be done by the Owner and charged to the Contractor.
- G. Special care shall be taken to prevent contamination, siltation, or interfering in any way with the stream flows or ponds along the line of work. No waste matter of any kind will be allowed to discharge into the stream flows or impounded water or any ponds or other bodies of water.
- H. The contractor is hereby advised that Public Law 1975, Chapter 251, as amended by P.L. 1979, Chapter 459 is applicable to this project.
- I. It is the intent of the current standards for <u>Soil Erosion and Sediment Control</u> to insure that proper measures for erosion control are employed and provide for the early establishment of vegetation that will help avoid erosion problems during and after construction. It is expected that the contractor will anticipate possible problems and provide timely and adequate control to prevent or minimize adverse effect.
- J. The contractor shall apply and pay for all permits that may be required for any of the work involved with this project. Municipalities or Authorities having an interest or jurisdiction on this project are: **Camden County**.

- K. Contractor is to notify residents by door-hangers at least forty-eight (48) hours in advance before starting construction work.
- L. All notes on plans shall be made a part of the specifications.
- M. Contractor shall notify Engineer at least forty-eight (48) hours in advance of any work on Saturdays. There will be no work permitted on Sundays or holidays. This project will receive inspections and the normal working hours for the Inspector are from 8:00 AM to 4:30 PM, Monday through Friday. Any overtime inspection costs which are avoidable will be reimbursed by the contractor.
- N. During the construction of the project, travel lanes shall remain open at all times.
- O. Contractor shall take extreme care in the placement of the asphaltic tack coat so as to not make it visible on the concrete curb. It shall be the contractor's responsibility to keep the concrete curb clean of this oil.

### 1.02 PUBLIC UTILITIES

- A. The bidder is advised to ascertain for himself all the facts concerning the location of existing utilities.
- B. The contractor shall cooperate with the utility owners in the adjustment of their facilities and shall notify the utility owners not less then ten (10) days in advance of the time he proposes to perform any work that will endanger or affect their facilities.
- C. The Contractor shall permit the owners of utilities, or their agents access to the site of the work at all times in order to relocate, construct or protect their lines and he shall cooperate with them in performing this work.
- D. Separate payments will not be made for the coordination and cooperation of the contractor with the utility companies, nor for the protection or replacement of utilities as specified hereinbefore and the bidder shall include all such costs in the prices bid for the various scheduled items in the Bid Form.

### 1.03 PRE-CONSTRUCTION PHOTOGRAPHS

A. The Contractor shall, at no extra cost, take DVD or digital photographs of the site prior to the commencement of construction. The DVD or photograph record shall accurately depict the existing preconstruction condition of all curbs, sidewalks, driveways, fences, lawns, landscaped areas, mailboxes, street furniture and all other appurtenances within, or outside a 25 foot radius of the limits of the construction of the project. One (1) copy of the CD photograph record or DVD shall be provided to the Engineer. The date of all disks, as well as identification as to the location which the records depict, must be provided.

# 1.04 MAINTENANCE & PROTECTION OF TRAFFIC

- A. The contractor shall erect or place and maintain in good condition, barricades, warning signs, lights, rubber traffic cones, and other warning and danger signals and devices, appropriate and adequate for the specific needs and subject to the Engineer's approval at working sites, closed roads, intersections, open excavations, locations of material storage, standing equipment and other obstructions, at points where the usable traffic width of the road is reduced, and at points where traffic is deflected from it's vehicular or pedestrian traffic.
- B. The contractor shall provide sufficient watchmen and traffic directors and shall take all other precautions including any that may be ordered by the Engineer, which are necessary for the safety of the public and protection of the work.
- C. The contractor shall obtain the approval and consent of all appropriate authorities having jurisdiction, for any detours which may be required. The contractor shall make all necessary arrangements with such authorities regarding the establishment, maintenance and repair of such detours, the regulations and direction of traffic thereon, and the installation and maintenance of sign and traffic devices.
- D. Before beginning work on any phase of the project, the contractor shall furnish and install all specified warning signals, barricades, wood traffic guides, lights and other devices necessary, in the opinion of the Engineer, to protect the public during that phase of his operations.
- E. Road construction signs shall be placed at each end of the project along the road for the work along the public road.
- F. During the work on this project, the contractor shall provide and/or be prepared to provide traffic protection devices in accordance with Part VI "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," Current Edition. The minimum numbers set forth in the Manual shall be on hand at each separate project site prior to the commencement of any work (or phase of work) and shall be maintained available on the project site throughout the period of the project (or phase). Failure to provide and maintain the minimum number of devices specified in the Manual shall be sufficient cause for the Engineer to order cessation of the work. When lack of any required safety devices presents an immediate hazard, the engineer may order that such devices be provided by the Owner or by other contractors, deducting the cost thereof from any monies due or becoming due the contractor.
- G. Additional devices up to the maximum number set forth in the Manual shall be provided by the contractor as required or directed prior to the commencement of any operation or phase of an operation requiring such devices.
- H. Traffic directors (flagmen) shall be provided whenever alternate two-way traffic is maintained in a single lane, whenever contractor's operations require closing of a lane or portion of a lane on a multiple lane roadway, whenever the contractor's equipment or vehicles are entering or leaving active roadways at other than normal street intersections, whenever a contractor's operations will be contrary to or cause confusion regarding normal traffic control devices (traffic signals, signs, etc.) within a work area and whenever else, in the opinion of the Engineer, the contractor's operations cause such hazards as to require the use of Traffic Directors.

- I. Traffic Directors shall be responsible and thoroughly familiar with their responsibilities, and while serving as Traffic Directors, shall not be required to perform any other duties. Traffic Directors shall be provided with an orange or red flag, an orange or orange and white traffic safety vest or orange hard hat or other appropriate head gear.
- J. Traffic must be maintained throughout each separate work area during construction. At least one 12' lane must be maintained for traffic during all actual construction periods and at least two 10' lanes must be maintained for traffic at all other times.
- K. The contractor is advised that there is heavy commuter traffic during the morning from 7:30 AM to 9:00 AM and the afternoon from 4:00 PM to 5:30 PM. The contractor shall schedule his construction activity such that he does not interfere or restrict traffic during the above peak hours.
- L. Construction shall be so staged to maintain at least one lane for traffic in each direction throughout each separate work area during the morning, 7:30 AM to 9:00 AM, and the afternoon, 4:00 PM to 5:30 PM weekday periods of peak traffic.
- M. Any restriction of traffic at any time shall be subject to the review of the Engineer and the Police Department having jurisdiction in the work area. The contractor shall submit a schedule of staged construction for review prior to any restriction of traffic.
- N. If detours are proposed by the Contractor, they are to be submitted to the Engineer for review and approval by the Police Department having jurisdiction in the work area and any other agency having jurisdiction of the roadway that will be detoured or roadway that will be used as a detour.
- O. All detour signs shall conform to the requirements for Traffic Control Devices.
- P. Temporary traffic stripes will be necessary to control and guide traffic through individual work areas. The contractor shall submit a scheme for review by the Engineer of all temporary traffic stripes prior to removal of any existing traffic stripes.
- Q. Construction of proposed utilities across existing roadways shall be so staged to maintain one lane in each direction. Trenches shall not remain open overnight.
- R. The contractor shall provide adequate means of access for fire, police and emergency vehicles throughout the length of the project.
- S. NO PAYMENT WILL BE MADE FOR ANY TRAFFIC CONTROL/DEVICES REQUIRED.

### 1.05 TEMPORARY PAVING FOR ALL TRENCHES

- A. <u>Description</u> 2" thick temporary paving shall be in accordance with the plans and specifications and to the prescribed lines and grades. Temporary paving replacement shall include necessary excavation.
- B. <u>Materials</u> Materials shall conform to the New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction 2019 and/or as amended by these contract specifications.

- C. Contractor shall submit to Engineer, in triplicate, reports on materials used, attesting to the fact that said materials conform with these specifications of the State of New Jersey Department of Transportation and the Engineer.
- D. <u>Method of Construction</u> Unless shown or specified otherwise, the trenches or other excavation, after backfilling, shall be covered with 2" thick temporary paving in passable condition suitable for normal use. The cost of such temporary paving and maintenance shall be included in the contract price for all items.

### 1.06 REFERENCE TO THE STANDARD SPECIFICATIONS

- A. Portions of the work performed under this contract shall comply with the requirements of the State of New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction 2019, and all requirements modified, as amended or supplemented and whose specifications are made part of these specifications. The New Jersey Department of Transportation Standard Construction Details shall govern except insofar as same are modified, amended or changed in detail drawings prepared specifically for this particular project.
- B. The Standard Specifications are made part of these specifications by this reference as if they were set forth in full. It is the responsibility of the prospective bidder to be familiar with these Standard Specifications. Copies may be examined in the Engineer's office or may be purchased from the New Jersey Department of Transportation, 1035 Parkway Avenue, Trenton, New Jersey, 08625.

### 1.07 DUST CONTROL

The contractor will be required to maintain all excavations, embankments, stockpiles, haul roads, permanent access roads, plant sites, waste areas, borrow areas, and all other work areas within or outside the project boundaries free from dust which would cause a hazard or nuisance to others. Approved temporary methods of stabilization consisting of sprinkling, chemical treatment, light bituminous treatment or similar methods will be permitted to control dust. Sprinkling, to be approved, must be repeated at such intervals as to keep all parts of the disturbed area at least damp at all times, and the contractor must have sufficient competent equipment on the job to accomplish this if sprinkling is used. Dust control shall be performed as the work proceeds and whenever a dust nuisance or hazard occurs. If any dust control is not done within twenty-four (24) hours after written notice is given by the Engineer, the work may be done by the Owner and charged to the Contractor. Costs for dust control shall be included in the prices bid for the various items in the bid form.

### 1.08 QUANTITY AND PAYMENT

Unless otherwise provided for in these contract specifications, no separate payment will be made for work associated with this section and all costs shall be included in the various items of the bid proposal.

END OF SECTION

# SECTION 01010 AS-BUILT DRAWINGS

# 1.01 GENERAL

The contractor shall provide a set of reproducible as-built drawings prior to final payment.

### 2.01 MATERIALS

- A. As-builts shall be a reproducible of the original contract drawings including any additional sheets required. All deviations from the original contract drawings shall be on the as-builts. The drawings shall be legible, neat, and of a quality acceptable to the Engineer.
- B. The Engineer shall provide a set of drawings at the beginning of the project for tracking as-built conditions by the contractor.

# 3.01 EXECUTION

- A. The contractor shall be responsible for keeping the as-built up-to-date as the project progresses.
- B. Storm Sewer and Underdrains: Any change in invert location, grate elevation, pipe size, class, or type, and any utility sleeves shall be indicated on the drawings.
- C. Change in location of all proposed work.
- D. This section is intended to provide a minimum level of acceptance. Any section with more stringent requirements shall have precedence over this section.

### 4.01 PAYMENT

No separate payment will be made for work performed under this section.

**END OF SECTION** 

# SECTION 01710 CLEANING AND RESTORATION

### 1.01 DESCRIPTION

- A. Contractor shall provide all equipment, labor and materials required to clean and restore the site to at least the existing condition.
- B. Maintain premises and public properties free from accumulations of waste, debris and rubbish caused by work operations.
- C. At completion of work, remove waste materials, rubbish, tools, equipment, machinery and surplus materials; clean all sight exposed surfaces; leave project clean and ready for occupancy.
- D. At completion of project, restore and replace, when and as directed by the Engineer, any public or private property disturbed or damaged by Contractor's work operations to a condition at least equal to that existing prior to beginning work, or as otherwise specified. Materials, equipment and methods shall be approved by the Engineer.

### 1.02 MATERIALS

- A. For restorations, use the following materials. All materials shall comply with the following Articles of the New Jersey Department of Transportation Standard Specifications latest revisions and these specifications.
- B. Grass restorations: See Section 806 "Fertilizing and Seeding" and Section 808 "Sodding."
- C. Pavement restorations: See Section 401 "Hot Mix Asphalt (HMA) courses."
- D. Restoration of curbs and other concrete structures:
  - 1. Concrete:
    - a. Shall conform to Section 903.
    - b. Compressive Strength: 4,000 psi at 28 days.
    - c. Air-entrained.
  - 2. Joint Fillers: Section 914.01, preformed expansion joint filler.
  - 3. Curing Compound: Section 903.10.
- E. <u>All Other Materials:</u> As approved by the Engineer or authorities as jurisdiction.

### 1.03 METHOD OF CONDUCTING WORK - CLEANING

A. Requirements of regulatory agencies:

All excess material shall be removed from the site and disposed of by the Contractor at his expense. Cost to be included in the unit price bid for all items. The disposal site shall be in permanently established licensed OSWA (Office of Solid Waste Administration, New Jersey Department of Environmental Protection) landfills.

B. Cleaning during construction:

Provide periodic cleaning to keep the work, the site, and adjacent properties free from accumulations of waste materials, rubbish and windblown debris resulting from construction operations.

Provide on-site containers for the collection of waste materials, debris and rubbish. Maintain containers as required.

C. The Contractor will be required to maintain all excavations, embankments, stockpiles, haul roads, permanent access roads, plant sites, waste areas, borrow areas, and all other work areas within or outside the project boundaries free from dust which would cause a hazard or nuisance to others. Approved temporary methods of stabilization consisting of sprinkling, chemical treatment, light bituminous treatment or similar methods will be permitted to control dust. Sprinkling, to be approved, must be repeated at such intervals as to keep all parts of the disturbed area at least damp at all times, and the Contractor must have sufficient competent equipment on the job to accomplish this if sprinkling is used. Dust control shall be performed as the work proceeds and whenever a dust nuisance or hazard occurs. If any dust control is not done within twenty-four (24) hours after written notice is given by the Engineer, the work may be done by the Owner and charged to the Contractor.

### 1.04 <u>METHODS OF CONSTRUCTION</u>

A. <u>General:</u> All existing structures, unpaved areas and paved areas disturbed or damaged during the work under this contract shall be restored or replaced to a condition at least equal to that existing prior to the beginning work, or as otherwise specified. The methods of conducting this work shall, as a minimum, conform to the following Articles of the New Jersey Department of Transportation Standard Specifications, latest revision.

### B. Grass Restorations:

See Section 806 "Fertilizing and Seeding" and Section 808 "Sodding."

# C. <u>Pavement Restorations:</u>

The method of construction employed shall conform to the requirements set forth in Section 301, 304 and 401 of the Standard Specifications as applicable to the type of material being utilized.

Restoration type and thickness shall be as shown on the contract drawings.

# D. Restorations of curbs and other concrete structures:

- 1. Curbs: Section 607
- 2. Other concrete structures: Restore in accordance with applicable Articles of the Standard Specifications.

# E. <u>All Other Restorations:</u>

Restore in accordance with applicable Articles of the Standard Specifications, or as approved by the Engineer or authorities having jurisdiction.

# 1.05 QUANTITY AND PAYMENT

A. All costs for Cleaning and Restorations shall be included in prices bid for various items scheduled in the Proposal.

**END OF SECTION** 

# SUPPLEMENTARY SPECIFICATIONS

### FOR THE

### WARINANCO PARK TENNIS COURTS IMPROVEMENTS

### IN THE BOROUGH OF ROSELLE

### **COUNTY OF UNION**

### AUTHORIZATION OF CONTRACT

The contract for this project is authorized by the provisions of local public contracts law, NJSA 40A: 11-1 et seq.

### **SPECIFICATIONS TO BE USED**

The 2019 Standard Specifications for Road and Bridge Construction, of the New Jersey Department of Transportation and as amended herein, shall govern the construction of this project.

### **WAGE RATES**

The contractor shall pay the minimum wage rates determined by the New Jersey Department of Labor.

State wage rates may be obtained from the New Jersey Department of Labor (Telephone: 609-292-2259) or by accessing the Department of Labor's web site at:

http://lwd.dol.state.nj.us/labor/wagehour\_index.html. The State wage rates in effect at the time of award will be made a part of this Contract, pursuant to Chapter 150, Laws of 1963 (NJSA 34:11-56.25, et seq.).

In the event it is found that any employee of the contractor or any subcontractor covered by the contract, has been paid a rate of wages less than the minimum wage required to be paid by the contract, the contracting agency may terminate the contractor's or subcontractor'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 or otherwise. The contractor and his sureties shall be liable to the contracting agency for any excess costs occasioned thereby.

# GENERAL

Payment for a pay item in the proposal includes all the compensation that will be made for the work of that item as described in the contract documents unless the "basis of payment" clause provides that certain work essential to that item will be paid for under another pay item.

Whenever any section, subsection, subpart or subheading is amended by such terms as changed to, deleted or added it is construed to mean that it amends that section, subsection, subpart or subheading of the 2019 Standard Specifications unless otherwise noted.

Whenever reference to page number is made, it is construed to refer to the 2019 Standard Specifications unless otherwise noted.

Henceforth in this supplementary specification whenever reference to the State, Department, ME, RE or Inspector is made, it is construed to mean the particular municipality or county executing this contract.

Whenever reference to Title 27 is made, it is construed to mean Title 40.

# **SECTION 100 - GENERAL PROVISIONS**

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The following sections of the standard specifications are deleted:

**SECTION 101 - GENERAL INFORMATION** 

**SECTION 102 - BIDDING REQUIREMENTS AND CONDITIONS** 

SECTION 103 - AWARD AND EXECUTION OF CONTRACT

SECTION 103 - AWARD AND EXECUTION OF CONTRACT

**SECTION 104 - SCOPE OF WORK** 

**SECTION 105 - CONTROL OF WORK** 

**SECTION 106 - CONTROL OF MATERIAL** 

SECTION 107 - LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC

**SECTION 108 - PROSECUTION AND PROGRESS** 

**SECTION 109 - MEASUREMENT AND PAYMENT** 

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These sections of the standard specifications are changed to the requirements of the contracting agency contained here in these contract construction specifications document.

# DIVISION 150 - CONTRACT REQUIREMENTS

The following sections of the standard specifications are deleted:

SECTION 151 - PERFORMANCE BOND AND PAYMENT BOND
SECTION 152 - INSURANCE
SECTION 153 - PROGRESS SCHEDULE
SECTION 154 - MOBILIZATION
SECTION 155 - CONSTRUCTION FIELD OFFICE
SECTION 156 - MATERIALS FIELD LABORATORY
SECTION 161 - FINAL CLEANUP

These sections of the standard specifications are changed to the requirements of the contracting agency contained here in these contract construction specifications.

# **SECTION 157 - CONSTRUCTION LAYOUT AND MONUMENTS**

# 157.03.01 CONSTRUCTION LAYOUT

### THE SEVENTH PARAGRAPH IS CHANGED TO:

Provide the Utilities with access to the site as necessary and coordinate the Work. Ensure utility facilities do not conflict with proposed construction, including High Voltage Proximity Act conflicts.

### 157.03.01 MEASUREMENT AND PAYMENT

### THE FOLLOWING IS ADDED:

Payment will not be made for Construction Layout. All costs thereof shall be included within the various bid pay items.

# SECTION 158 - SOIL EROSION AND SEDIMENT CONTROL AND WATER QUALITY CONTROL

### 158.04 MEASUREMENT AND PAYMENT

The list of pay items is deleted and the following is added:

ItemPay UnitSOIL EROSION & SEDIMENT CONTROL MEASURESLUMP SUM

Various temporary soil erosion and sediment control and water quality control devices will not be measured for payment. Payment for all soil erosion and sediment control devices will be made on a lump sum basis.

# **SECTION 161 - FINAL CLEANUP**

# 161.04 MEASUREMENT AND PAYMENT

# THE ENTIRE SUBSECTION IS CHANGED TO:

Separate payment will not be made for Final Cleanup but the costs shall be included in various items of the proposal.

### **DIVISION 200 – EARTHWORK**

# **SECTION 201 - CLEARING SITE**

### **201.03.01** Clearing Site

### THE FOLLOWING IS ADDED:

The contractor shall provide, and remove at the conclusion of the work, a temporary site enclosure fence around the work area. No separate payment shall be made for this material and/or labor, but shall be included in the price bid for "Clearing Site".

# 201.04 MEASUREMENT AND PAYMENT

The following is added:

Payment for the item "clearing site" in excess of 50% of the bid price will not be made until completion of the project.

The contractor shall provide, and remove at the conclusion of the work, a temporary site enclosure fence around the work area. No separate payment shall be made for this material and/or labor, but shall be included in the price bid for "Clearing Site".

### **SECTION 202 – EXCAVATION**

# 202.04 MEASUREMENT AND PAYMENT

The following is added:

This work shall also include earthwork, being defined as excavation, stripping, grading, filling, cutting and the general movement of topsoil and/or earth to provide the final grades as shown on the contract drawings.

### 202.04 MEASUREMENT AND PAYMENT

The list of pay items is deleted and the following is added:

ItemPay UnitEARTHWORKLUMP SUM

The following is added:

Separate payment will not be made for soil aggregate fill material and borrow topsoil of any kind associated with the pay item "Earthwork," but the cost shall be included in the price bid for earthwork.

### **DIVISION 300 - SUBBASE AND BASE COURSES**

### **DIVISION 400 - SURFACE COURSES**

### SECTION 401 - HOT MIX ASPHALT (HMA) COURSES

### **401.03.07 HMA Courses**

THIS SUBSECTION IS REPLACED BY THE FOLLOWING:

# H. Air Void Requirements.

Pavement lots are defined as approximately 15,000 square yards of pavement in Surface area. If pavement lot area is less than 5000 square yards, the Regional District Local Aid Office may waive the air voids requirements.

The RE will designate an independent testing agency (Laboratory) to perform the quality assurance sampling, testing and analysis. The Laboratory is required to be accredited by the AASHTO Accreditation Program (<a href="https://www.amrl.net">www.amrl.net</a>). The Laboratory's accreditation must include AASHTO T 166 and AASHTO T 209.

The Laboratory Technician who performs the quality assurance sampling shall be certified by the Society of Asphalt Technologists of New Jersey as an Asphalt Plant Technologist, Level 1.

The Laboratory will determine air voids from 5 (Five) 6 inch diameter cores taken from each lot in random locations within the traveled way and at least one core in each travel lane. The Laboratory will determine air voids of cores from the values for the maximum specific gravity of the mix and the bulk specific gravity of the core. The Laboratory will determine the maximum specific gravity of the mix according to NJDOT B-3 and AASHTO T 209, except that minimum sample size may be waived in order to use a 6-inch diameter core sample. The Laboratory will determine the bulk specific gravity of the compacted mixture by testing each core according to AASHTO T 166.

The Laboratory will calculate the in-place air voids of each completed lot outside the acceptable range of 2 percent air voids to 8 percent air voids.

The RE will assess a reduction in lot due to nonconformance to air voids according to the following Table.

Reduction for Nonconformance to Air Voids Requirements		
Lot Average Air Void Value	Reduction Per Lot	
0.0 to 1.9	10	
2.0 to 8.0	0	
8.1 to 9.0	5	
9.1 to 10.0	15	
10.1 to 12.0	30	
Over 12.0	Remove & Replace	

If the average air voids for the lot is greater than 12.0 percent, remove and replace the lot. The replacement work is subject to the same requirements as the initial work.

### 407.03.07 I THICKNESS REQUIREMENTS

THIS SUBSECTION IS REPLACED BY THE FOLLOWING:

### I. Thickness Requirements.

Thickness requirements will apply when full-depth, uniform-thickness HMA pavement construction is shown.

Pavement lots are defined as approximately 15,000 square yards of pavement area. The Engineer will not include areas consisting of different HMA mixtures or thicknesses in the same lot. If thickness lot area is less than 5000 square yards, the Regional District Local Aid Office may waive the thickness requirements.

The RE will designate an independent testing agency (Laboratory) to perform the quality assurance sampling, testing and analysis. The Laboratory is required to be accredited by the AASHTO Accreditation Program (www.amrl.net). The Laboratory's accreditation must include AASHTO T 166 and AASHTO T 209.

The Laboratory Technician who performs the quality assurance sampling shall be certified by the Society of Asphalt Technologists of New Jersey as an Asphalt Plant Technologist, Level 1.

The Laboratory will test for thickness using the full-depth cores taken for surface course air voids, evaluated according to NJDOT B-4. The Laboratory will base acceptance on total thickness and thickness of the surface course.

- 1. **Total Thickness.** The Laboratory will calculate the percent defective (PD) as the percentage of the lot that is less than the design thickness. The Department will base total thickness acceptance on the percentage of the lot estimated to fall below the specified thickness as follows:
  - a. Sample Mean ( $\overline{X}$ ) and Standard Deviation (S) of the N Test Results ( $X_1, X_2, ..., X_N$ ).

$$\overline{X} = \frac{\left(X_1 + X_2 + \dots + X_N\right)}{N}$$

$$S = \sqrt{\frac{\left(X_{1} - \overline{X}\right)^{2} + \left(X_{2} - \overline{X}\right)^{2} + \dots + \left(X_{N} - \overline{X}\right)^{2}}{N - 1}}$$

b. Quality Index (Q<sub>I</sub>).

 $Q_L = (\overline{X} - T_{des})/S$ , and  $T_{des}$  is the design thickness.

- **c. Percent Defective (PD).** Using NJDOT ST for the appropriate sample size, determine the percentage of material (PD) falling below the design thickness associated with Q<sub>L</sub> (lower limit).
- **d. Reduction in Payment.** The Department will determine the reduction in payment based on the quantity of the surface course multiplied by the percent reduction in payment from Table 401.03.03-5.

<b>Table 401.03.03-5 Reduction in Payment for Nonconformance to Requirements</b>
for Total Thickness

<b>Percent Defective</b>	Percent Reduction
0 to 25.0	0
25.1 to 30.0	2
30.1 to 35.0	5
35.1 to 40.0	10
40.1 to 45.0	20
Over 45.0	Remove & Replace

- **Removal and Replacement.** If the lot  $PD \ge 45$ , remove and replace, or mill and overlay, the lot. The replacement work is subject to the same requirements as the initial work.
- 2. Surface Course Thickness. The Laboratory will evaluate the surface course solely to determine whether a remove-and-replace or an overlay condition exists, not for pay adjustment. The Laboratory will calculate the percent defective (PD) as the percentage of the lot that is less than the allowable thickness for the nominal maximum aggregate used in the surface course. The Laboratory will accept pavement lots with PD ≤ 25 and will reject pavement lots with PD > 25.

The Laboratory will base surface thickness acceptance on the percentage of the lot estimated to fall below the allowable thickness as follows:

- a. Sample Mean ( $\overline{X}$ ) and Standard Deviation (S) of the N Test Results ( $X_1$ ,  $X_2$ ,...,  $X_N$ ). Calculate using the formula as specified in 401.03.03.I.1.
- b. Quality Index (Q).

 $Q_L = (\overline{X} - T_{all})/S$ , where  $T_{all}$  is the minimum allowable thickness from Table 407.03.07

Table 407.03.07 Surface Course Thickness Requirements		
HMA Mix Design Size Minimum Allowable Compacte Designation Thickness (T <sub>all</sub> )		
4.75 MM	0.75 inch	
9.5 MM	1.00 inch	
12.5 MM	1.25 inches	
19 MM	2.00 inches	

- **c. Percent Defective.** Using NJDOT ST for the appropriate sample size, determine the percentage of material (PD) falling below the allowable thickness associated with  $Q_L$  (lower limit).
- **d.** Removal and Replacement. If the surface course fails to meet the acceptance requirement with a PD  $\leq$  25, the Department will require removal and replacement of the lot. The replacement work is subject to the same requirements as the initial work.

### REPLACE 407.03.07. J WITH THE FOLLOWING:

J. Ride Quality Requirements. The Department may evaluate the HMA surface course placed in travel lanes using the International Roughness Index (IRI) according to ASTM E 1926. Other areas will be tested with a ten-foot straight edge. The Department will use the measured IRI and straight edge to compute pay adjustment (PA). The PA will be negative for defective work.

The RE will designate an independent testing agency to perform the ride quality testing and analysis. The testing agency is required to comply with certification requirements according to NJDOT R-1.

The Department will calculate the Pay Adjustment (PA) as specified in Table 407.03.07-7 and will base PA on lots of 0.01mile length for each travel lane.

1. Smoothness Measurement.

The testing agency will test the longitudinal profile of the HMA surface course for ride quality with a Class 1 Inertial Profiling System according to AASHTO MP 11 approved according to AASHTO PP 49.

The testing agency will test the full extent of the pavement in the direction of travel in each wheel path. The single IRI value reported for each 0.01-mile lot of pavement is the average of 3 runs.

### 2. Other Areas.

In addition to the above, a 10-foot straightedge shall be used for the following areas: transverse profile of the finished riding surface, longitudinal and transverse profile of shoulders and ramps, utility hardware, drainage inlets and manholes, and any other areas so designated in the Special Provisions. Any areas that have more than a 1/4-inch deviation between any two contact points of the straightedge shall be corrected by the Contractor using infrared heating to rework the material in a manner approved by the Engineer. Following correction, the area will be retested to verify compliance, each individual non-complying location will be assessed \$250 negative PA.

### 3. Control Testing.

Perform control testing during HMA placement to ensure compliance with the ride quality requirements specified in Table 407.03.07-7.

4. Preparation for IRI Testing.

Provide the necessary traffic control when the testing agency performs IRI testing. Perform required mechanical sweeping of the surface course before IRI testing. To facilitate auto triggering on laser profilers, place a single line of preformed traffic marking tape perpendicular to the roadway baseline 300 feet before the beginning of each lane to be tested.

### 5. Acceptance.

The Engineer will determine acceptance and make payment adjustments based on the following:

# i. Pay Adjustment.

The pay equations in Table 407.03.07-7 express the pay adjustment in dollars per lot of 0.01 mile. For lots of any other length, the Engineer will scale the pay adjustment up or down in proportion to the actual length of the lot. IRI numbers are in inches per mile.

Table 407.03.07-7 Pay Equations for IRI Ride Quality for 0.01 Mile		
T 10 1 11	IRI ≤ 100	$PA = \$_0$
Local Roadways with Posted Speed ≥ 45 MPH	$100 < IRI \le 170$	$PA = (IRI - 100) \times (-\$1.43)$
	IRI > 170	Remove & Replace
Local Roadways with Posted Speed < 45 MPH	IRI $\leq 120$	PA = \$0
	$120 \le IRI \le 220$	$PA = (IRI - 120) \times (-\$1.00)$
	IRI > 220	Remove & Replace

### ii. Retest provision

After testing, if the IRI exceeds the Remove and Replace value (RRV) in Table 407.03.07-7, the testing agency will retest the lot. The testing agency will average the IRI values from the initial test and the retest to determine the final result.

### iii. Removal and Replacement.

If the average IRI is greater than the RRV after a retest is performed, remove and replace the lot. Any replacement work is subject to the same requirements as the initial work. If only a small percentage (less than 8 percent) of paving lots falls under the RRV, the RE may allow the Contractor to submit a plan for corrective action. If the Contractor's plan for corrective action is not approved, the RE may require removal and replacement, or may allow the lot to remain in place and the lot will be subject to the pay adjustment as computed in Table 407.03.07-7. If the Contractor's plan for corrective action is approved and the lot is reworked, the testing agency will test and evaluate it as a new lot that must meet the same requirements as the initial work.

### SECTION 423 - ACRYLIC LATEX SURFACING/COLOR SYSTEM

### 423.01 DESCRIPTION

This work shall consist of the application of a two part sand filled acrylic latex color finish system over the court. It shall also include line striping as indicated on the detail sheet.

### 423.02 MATERIALS

Materials and products used in the work of this section shall be produced by manufactures regularly engaged in manufacturer of similar items and with a history of successful production acceptable to the Engineer. The Owner reserves the right to reject any bidder submitted equivalent product that, in the opinion of the Engineer, does not meet or exceed this specification section.

### 423.03 CONSTRUCTION

Contractor installing this work shall have engaged regularly in the construction and surfacing sports facilities. Contractor shall use only foreman and workmen who have specific experience in the construction of sports facilities.

#### A. Submittals

### 1. Manufacturers Product Data:

- a. Complete materials list of all materials proposed to be provided under this section.
- b. Specifications and other data required to demonstrate compliance with the specified requirements.
- c. Manufacturers recommended installation procedures.
- d. Color palette of available pigments.
- e. Certification by officer of bidder's company attesting that proposed system complies with specification requirements.

# B. Sequencing and Scheduling

- 1. Acrylic latex surfacing system line striping shall be applied following the installation and two-week curing time of the asphalt surface course and the polyurethane foam surface cure for the court.
- 2. Line striping shall be applied following the application and required curing time of the acrylic surfacing color system.

# C. Maintenance

1. The Contractor shall supply the owner with two gallons of line paint and two gallons of color coat, each color, prior to the release of the performance bond.

# D. Delivery, Storage and Handling

- 1. Protection and Storage: Use all means necessary to protect materials of this section before, during and after installation. Store in strict accordance with the manufacture's recommendations or as approved by the ENGINEER.
- 2. Delivery: Deliver all materials to the job site in their original unopened containers with properly labeled drums of the approved products that are stenciled with the proper batch code numbers. Products packaged or labeled in any other manner will not be accepted. Mixing with clear, fresh water shall only be done at the job site. Coverage rates are based upon material prior to mixing with water as specified.

### E. General

- 1. The surfacing color system shall be installed at a time when there is no rain in the forecast for at least 48 hours. The temperature must be a minimum of 50 degrees Fahrenheit.
- 2. The material/product and construction requirements specified above are used to establish standards of quality. All manufacture's materials/products shall be approved by the Engineer prior to installation.
- 3. Following completion of the surfacing color system and drying time as recommended by the manufacturer, all playing lines shall be accurately located as indicated on the drawings and defined on the surface by chalk markings and tape before being painted. The ENGINEER will approve the line layout prior to the application of the paint. All surfaces shall be thoroughly cleaned before the lines are painted thereon. All lines shall be double coated, clear and distinct with sharply defined edges. Use of spraying equipment is not allowed. At least ½ hour shall elapse between the painting of the first and second coats.
- 3. The Contractor shall remove all containers, surplus materials and debris upon completion of work leaving the site in a clean, orderly condition that is acceptable to the owner. Upon completion of installation conduct, in presence of ENGINEER, an inspection of the completed paving system.

### 423.04 MEASUREMENT AND PAYMENT

Acrylic court resurfacer, color and line striping will be measured by the square yard for the area regardless of the number of coats required. Line striping will not be measured.

ItemPay UnitACRYLIC COURT RESURFACER (2 COATS), COLORSQUARE YARDCOATING (2 COATS) AND LINE STRIPING

Separate payment will not be made for the playing lines, but shall be included in the cost of the acrylic court surfacing.

# DIVISION 600 - MISCELLANEOUS CONSTRUCTION SECTION 606 - SIDEWALKS, DRIVEWAYS AND ISLANDS

# 606.04 MEASUREMENT AND PAYMENT

The following items are added:

ItemPay UnitCONCRETE PAD, REINFORCED, 6" THICKSQUARE YARDS

The following is added:

All labor and materials associated with the installation of the concrete pad reinforced, including but not limited to reinforcement and concrete, shall be included in the unit price bid for that particular item.

The following section is added:

### **SECTION 613 - SPORT APPURTENANCES**

### 613.01 DESCRIPTION

This work shall consist of labor, materials, and equipment necessary for the furnishing and installation of tennis and pickleball court amenities. Tennis and pickleball amenities includes tennis & pickle ball court net posts, netting, netting strap, player's bench, acoustifence panels and all related hardware. This work shall include but not be limited to installation of athletic court amenities, and related anchoring hardware as shown on the plans and as specified herein.

Color of the equipment shall be selected by Owner. The Contractor shall coordinate the color selection with the Engineer for approval by the Owner prior to ordering the equipment.

### 613.02 MATERIALS

The following items, or approved equal, shall be installed:

ITEM	DESCRIPTION

Acoustifence Panels AcoustiFence or approved equal as

manufactured by Acoustiblok, 6900 Interbay Boulevard, Tampa, Florida 33616 or approved

equal.

Player's Bench Bench Assembly 6' Long, Item No #569-1226

as manufactured by The Park Catalog or

approved equal.

Pickleball/Tennis Net System,

Complete

Internal Wind Tennis System Black Post as supplied by Sportsfield Specialties, Inc., P.O.

Box 231, 41155 State Highway 10, Delhi, NY

13753, (888) 975-3343,

www.sportsfieldspecialties.com, or approved

equal. Item code: TSIB

### 613.03 CONSTRUCTION

The Contractor is responsible to install the sport appurtenances in locations in accordance with the proposed striping detail as shown on the plans, and in accordance with the manufacturer's requirements. The Contractor shall be responsible for protection of all sport appurtenances until final acceptance by the Owner. All manufacturer guarantees shall be given to the Owner.

# 613.04 MEASUREMENT AND PAYMENT

ItemPay UnitACOUSTIFENCE PANELSLINEAR FOOTPLAYER'S BENCHUNITTENNIS/PICKLEBALL NET SYSTEM, COMPLETEUNIT

The unit price for the respective items shall include all labor, materials, and equipment necessary for the furnishing and installation of appurtenances complete. This includes but is not limited to all necessary excavation, installation of sports amenities/appurtenances, concrete footings, related anchoring hardware, fill, and all else necessary therefore and incidental thereto.

# **DIVISION 800 – LANDSCAPING**

# **SECTION 804 – TOPSOIL SPREADING**

# **804.04 MEASUREMENT AND PAYMENT**

The following is added:

Separate payment will not be made for the stripping of topsoil. All costs shall be included in the price bid for TOPSOIL SPREADING, 5" THICK.

# **SECTION 811 - PLANTING**

# 811.04 MEASUREMENT AND PAYMENT

The pay item Plant Establishment Period is deleted.

Separate payment will not be made for Plant Establishment Period, but the cost shall be included in the price bid for plantings of the various kinds and sizes. The Plant Establishment Period shall be two (2) years from the date of project completion.

# **SECTION 902 - ASPHALT**

# **902.02.03 MIX DESIGN**

# THE FOLLOWING IS ADDED TO THE FIRST PARAGRAPH:

Unless otherwise approved by the Engineer, only one source of supply for hot mix asphalt surface course may be used on the project.

### **SECTION 917 – LANDSCAPING MATERIALS**

### 9017.10 Topsoil.

The entire section is deleted and the following is added:

Topsoil shall be loamy sand, sandy loam, clay-loam, loam, silt loam, or other soil approved by the Engineer. It shall be natural, fertile soil capable of sustaining vigorous plant growth and shall be of a <u>uniform</u> quality, free from subsoil, slag, cinders, stones 1 inch or larger in any dimension, lumps of soil, sticks, roots, trash, or other extraneous, undesirable materials. Topsoil shall also be free of viable plants or plant parts of Bermuda grass, quackgrass, Johnson grass, nut sedge, poison ivy, <u>Canada</u> thistle, or similar material. The contractor shall have all topsoil tested by a reputable laboratory with resulting documentation submitted to the Engineer.

- A. If testing reveals that the topsoil does not conform to the requirements of this section, the contractor <u>shall</u> be responsible for adjusting the ph range and/or percent of organic matter by means of approved additives.
- B. Topsoil shall meet the following requirements:
  - 1. ph range 5.0 to 7.0.
  - 2. Organic matter four (4) percent (loss on ignition).
  - 3. Soluble salts no higher than 500 parts per million.
  - 4. Sieve Analysis:

Sieve Size	Percent Passing
1"	100%
1/2"	97%
#10	60-80%
#40	40-60%
#60	40-60%
#100	10-30%
#200	10-20%

- C. When topsoil, stockpiled on site, is to be <u>reused</u>, soil debris to include roots, sods, stones, clay lumps, and other extraneous materials harmful to plant growth shall be removed prior to reuse.
- D. Materials stripped from the following sources <u>shall</u> not be considered suitable for use as topsoil:
  - 1. Soils having less than 4.1 ph value.
  - 2. Chemically contaminated soils.
  - 3. Areas from which the original surface has been stripped and/or covered over such as borrow pits, open mines, demolition sites, dumps, and sanitary landfills.
  - 4. Wet excavation.

END OF SUPPLEMENTARY SPECIFICATIONS



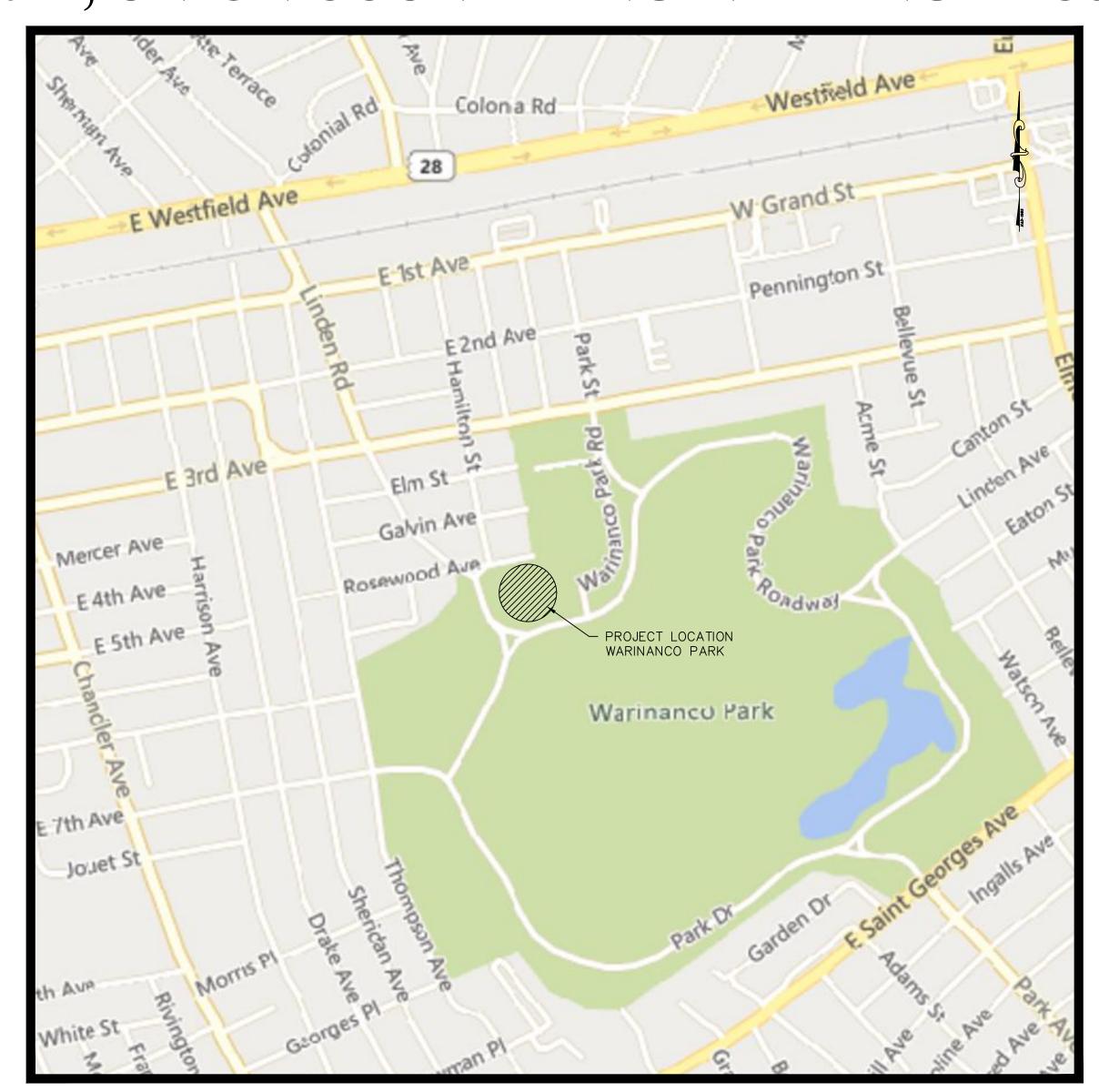
# COUNTY OF UNION BOARD OF COUNTY COMMISSIONERS

# WARINANCO PARK TENNIS COURTS IMPROVEMENTS

BA#41-2024; UNION COUNTY ENGINEERING PROJECT #2023-012

	LIST OF UTILITIES
PUBLIC WORKS:	ROSELLE BOROUGH DEPARTMENT OF PUBLIC WORKS LUIS ULRICH - SUPERINTENDENT OF PUBLIC WORKS 1121 CHANDLER AVENUE ROSELLE, NJ 07203
SEWER:	LINDEN ROSELLE SEWERAGE AUTHORITY JEFFREY WILLIAMS, EXECUTIVE DIRECTOR 5005 S WOOD AVENUE LINDEN, NJ 07036
ELECTRIC:	PSE&G - ELECTRICAL DISTRIBUTION JOE DE PINTO 80 PARK PLAZA, T-12 NEWARK, NJ 07102
CABLE:	COMCAST CABLEVISION OF NJ BOB KNOEPFEL 800 RAHWAY AVENUE UNION CITY, NJ 07083
GAS:	ELIZABETHTOWN GAS JOHN EGGOLT 520 GREEN LANE UNION, NJ 07083
WATER:	NEW JERSEY AMERICAN WATER BRADLEY COLE 1 WATER STREET CAMDEN, NJ 08102

FUNDING SOURCE:	
UNION COUNTY	



# PROJECT LOCATION MAP

THE ELECTRONIC VERSION OF THE 2019 NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, EFFECTIVE SEPTEMBER 1, 2019, AS REFERENCED IN BASELINE DOCUMENT CHANGE ANNOUNCEMENT BDC19S-01, UNLESS MODIFIED WITHIN THE TECHNICAL SPECIFICATIONS OF THIS CONTRACT, SHALL GOVERN.

THE NEW JERSEY DEPARTMENT OF TRANSPORTATION "STANDARD ROADWAY CONSTRUCTION\TRAFFIC CONTROL\BRIDGE CONSTRUCTION DETAILS" BOOKLET DATED 2007 AND "ELECTRICAL BUREAU STANDARD DETAILS, 2007" AND ALL BASELINE DOCUMENT CHANGES MADE TO THESE CONSTRUCTION DETAILS, SHALL GOVERN, EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

# BOROUGH OF ROSELLE UNION COUNTY, NEW JERSEY

**JULY 2024** 

# SHEET INDEX SHEET # SHEET TITLE C-1 TITLE SHEET C-2 GENERAL NOTES AND ESTIMATE & DISTRIBUTION OF QUANTITIES C-3 LEGEND C-4 EXISTING TOPOGRAPHICS CONDITIONS PLAN C-5 DEMOLITION PLAN C-6 SITE PLAN C-7 GRADING, DRAINAGE & UTILITY PLAN C-8 SOIL EROSION & SEDIMENT CONTROL PLAN

CONSTRUCTION DETAILS

CONSTRUCTION DETAILS

# 2024 BOARD OF COUNTY COMMISSIONERS AND OFFICIALS:

KIMBERLY PALMIERI-MOUDED, CHAIR
LOURDES M. LEON, VICE CHAIR
JAMES E. BAKER, JR.
JOSEPH BODEK
MICHELE S. DELISFORT
SERGIO GRANADOS
BETTE JANE KOWALSKI
ALEXANDER MIRABELLA
REBECCA WILLIAMS
EDWARD T. OATMAN, COUNTY MANAGER

RICARDO MATIAS, P.E., C.M.E., C.F.M., COUNTY ENGINEER VICTORIA DURBIN-DRAKE, PARKS AND RECREATION DIRECTOR

RVE

REMINGTON & VERNICK FNGINFERS

CHERRY HILL, NJ 08003 (856) 795-9595, FAX (856) 795-188. WEB ADDRESS: RVE.COM Certification of Authorization: 24 GA 28003300

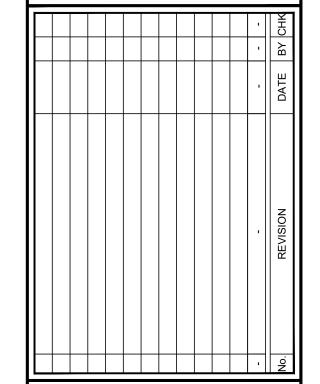
Excellence • Innovation • Service

JUSTIA D. Hauben DATE: 7-18-2024

JESSICA D. HAUBER NJ PROFESSIONAL ENGINEER LIC. No. 5148

ANS WHICH DO NOT BEAR

ALL DOCUMENTS PREPARED BY REMINGTON & VERNENGINEERS AND AFFILIATES ARE INSTRUMENTS SERVICE IN RESPECT OF THE PROJECT. THEY ARE INTENDED OR REPRESENTED TO BE SUITABLE FOR RE BY OWNER OR OTHERS ON EXTENSIONS OF THE PROJOR ON ANY OTHER PROJECT. ANY REUSE WITHWRITTEN VERIFICATION OR ADAPTATION BY REMINGTOVERNICK ENGINEERS AND AFFILIATES FOR THE SPECURPOSE INTENDED WILL BE AT OWNERS SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO REMING & VERNICK ENGINEERS AND AFFILIATES; AND OW SHALL INDEMNIFY AND HOLD HARMLESS REMINGTOVERNICK ENGINEERS AND AFFILIATES FROM ALL CLADAMAGES, LOSSES AND EXPENSES ARISING OUT OF RESULT TO THE RESULT OF THE RESULT



Y PARK ROVEMENTS Y NEW JERSEY

UNION COUNTY
WARINANCO PARK
NNIS COURTS IMPROVEMI

 DRAWN BY:
 DESIGN BY:
 CHECKED BY:
 SCALE:

 ACF
 JH
 AS NOTED

 DATE:
 02/13/2024
 SHEET No.:

 JOB No.:
 C-1

New Jersey One Call
CALL BEFORE YOU DIG
811 or 1-800-272-1000
ITS THE LAW
IT IS THE RESPONSIBILITY OF THE CONTRACTOR

T IS THE RESPONSIBILITY OF THE CONTRACTOR
TO CONTACT NJ ONE CALL PRIOR TO THE START
OF CONSTRUCTION. CALL FOR MARKOUTS THREE
3) FULL BUSINESS DAYS IN ADVANCE AND BEGIN
XCAVATION WITHIN 10 DAYS. ALL CONTRACTORS

## **GENERAL NOTES:**

- 1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF THE CONSTRUCTION, ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- 2. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.
- 3. THE CONTRACTOR SHALL USE EXCAVATED MATERIALS FOR BACKFILL UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 4. ALL PAVED AND CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
- 5. ALL GRASSED OR WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDED.
- 6. ALL FILL SHALL BE PLACED IN 12" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. IF BORROW FILL IS REQUIRED, IT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF THE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT HE DAMAGES.
- 8. ALL CONSTRUCTION DETAILS NOT SHOWN SHALL BE IN ACCORDANCE WITH N.J.D.O.T. STANDARDS AS DETAILED
  - "STANDARD ROADWAY CONSTRUCTION/TRAFFIC CONTROL/BRIDGE CONSTRUCTION DETAILS." INCLUDING ALL APPLICABLE BASELINE DOCUMENT CHANGES AND APPENDICES. THESE DETAILS MAY BE PURCHASED THROUGH THE N.J.D.O.T. PLANS AND SPECIFICATION CENTER AT:

1035 PARKWAY AVENUE, TRENTON, NEW JERSEY

08625-0600

(TELEPHONE: 1-609-530-2098)

- 9. SEPARATE PAYMENT WILL NOT BE MADE FOR SAW CUTTING OF ANY KIND, BUT THE COST SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
- 10. PAYMENT FOR JOINT MATERIAL FOR ALL CONCRETE WORK WILL NOT BE MEASURED BUT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
- 11. ALL GRASS AND WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE BACKFILLED AS DIRECTED.
- 12. ALL UNUSED MATERIAL EXCAVATED FROM THE PROJECT SITE ARE TO BE DISPOSED OF AT AN APPROVED
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED IN THE PLANS AND SPECIFICATIONS. SEPARATE PAYMENT FOR ALL ASSOCIATED COSTS WILL NOT BE MADE, BUT WILL BE INCLUDED IN THE SOIL EROSION LUMP SUM PAYMENT.
- 14. ALL UTILITY WORK SHALL BE CONSTRUCTED TO ALLOW UNINTERRUPTED SERVICE TO ADJACENT PROPERTIES.
- 15. AT ALL LIMITS OF PAVING (L.O.P.) THE CONTRACTOR SHALL SAWCUT, TACK COAT AND SEAL TO MATCH EXISTING PAVEMENT. SEPARATE MEASUREMENT AND PAYMENT FOR ALL THIS WORK SHALL NOT BE MADE AND ALL COSTS SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE BID.
- 16. INLET SEDIMENT PROTECTION SHALL BE INSTALLED AT ALL EXISTING AND PROPOSED INLETS AND CATCH BASINS SHOWN ON THE PLANS. PAYMENT SHALL BE INCLUDED IN THE LUMP SUM COST FOR 'SOIL EROSION AND SEDIMENT CONTROL'.
- 17. CONTRACTOR SHALL RESTORE ALL EXISTING FEATURES DISTURBED DURING CONSTRUCTION (I.E. IRRIGATION SYSTEMS, LANDSCAPING, ETC.). ALL COSTS SHALL BE INCLUDED IN THE PRICE BID FOR CLEARING SITE.
- 18. PAYMENT FOR OBSTRUCTION REMOVAL SUCH AS TREE ROOTS AND EXISTING INFRASTRUCTURE WHICH MAY INTERFERE WITH THE PROPOSED CONSTRUCTION, SHALL BE INCLUDED IN THE ITEM "CLEARING SITE".
- 19. THE PAY ITEM "EARTHWORK" IS DEFINED AS STRIPPING, GRADING, FILLING, CUTTING AND THE GENERAL MOVEMENT OF TOPSOIL AND/OR EARTH TO PROVIDE FOR THE FINAL GRADES AS SHOWN ON THE CONTRACT DRAWINGS.
- 20. SEPARATE PAYMENT WILL NOT BE MADE FOR BORROW EXCAVATION, BORROW TOPSOIL OR EXCAVATION OF ANY KIND ASSOCIATED WITH THE PAY ITEM "EARTHWORK" BUT THE COST SHALL BE INCLUDED IN THE PRICE BID FOR "EARTHWORK."

# ENVIRONMENTAL COMMITMENTS:

- 1. IMPLEMENT SOIL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
- 2. IMPLEMENT STANDARD MEASURE FOR CONSTRUCTION RELATED NOISE AND AIR QUALITY IMPACT CONTROLS.
- 3. BEST MANAGEMENT PRACTICE WILL BE UTILIZED DURING CONSTRUCTION TO PREVENT SEDIMENT FROM ENTERING STORM WATER INLETS AND ENVIRONMENTALLY SENSITIVE AREAS.

# **QUANTITIES** ESTIMATE/DISTRIBUTION

# **BASE BID**

ITEM NO	DESCRIPTION	UNITS	PLAN QUANTITY	IF & WHERE DIRECTED	BID QUANTITY
1	SOIL EROSION & SEDIMENT CONTROL MEASURES	LS	1	0	1
2	CLEARING SITE	LS	1	0	1
3	EARTHWORK	LS	1	0	1
4	DENSE-GRADED AGGREGATE BASE COURSE, 4" THICK	SY	74	11	85
5	DENSE-GRADED AGGREGATE BASE COURSE, 6" THICK	SY	3323	337	3660
6	HOT MIX ASPHALT 4.75L64 SURFACE COURSE, 1.5" THICK	TON	292	33	325
7	HOT MIX ASPHALT 19M64 BASE COURSE, 2.5" THICK	TON	478	52	530
8	TACK COAT	GAL	498	52	550
9	RESET EXISTING CASTING	UN	1	0	1
10	CHAIN LINK FENCE, PVC-COATED STEEL, 10' HIGH, BLACK	LF	708	72	780
11	GATE, CHAIN-LINK FENCE, PVC-COATED STEEL, 4' WIDE	UN	2	0	2
12	GATE, CHAIN-LINK FENCE, PVC-COATED STEEL, 10' WIDE	UN	1	0	1
13	ACOUSTIFENCE PANELS	LF	300	30	330
14	CONCRETE SIDEWALK, 4" THICK	SY	74	11	85
15	CONCRETE PAD, REINFORCED, 6" THICK	SY	40	5	45
16	ACRYLIC COURT RESURFACER (2 COATS), COLOR COATING (2 COATS) AND LINE STRIPING	SY	3283	332	3615
17	PICKLEBALL/TENNIS NET SYSTEM, COMPLETE	UN	5	0	5
18	PLAYER'S BENCH	UN	10	0	10
19	THUJA X 'GREEN GIANT', GREEN GIANT ARBORVITAE, 8-10' HT, B&B	UN	13	0	13
20	TOPSOIL SPREADING, 5" THICK	SY	579	61	640
21	FERTILIZING & SEEDING, TYPE A-3	SY	579	61	640

**NGTON NEERS** 

GDALE ROAD LL, NJ 08003 AX (856) 795-1882 SS: RVE.COM ization: 24 GA 28003300 novation • Service

). Hauber **HAUBER** 

GINEER LIC. No. 51487

PLANS WHICH DO NOT BEAR AN EMBOSSED SEAL ARE NOT VALID

ENGINEERS AND AFFILIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NO INTENDED OR REPRESENTED TO BE SUITABLE FOR REUS BY OWNER OR OTHERS ON EXTENSIONS OF THE PROJECT WRITTEN VERIFICATION OR ADAPTATION BY REMINGTON VERNICK ENGINEERS AND AFFILIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AN WITHOUT LIABILITY OR LEGAL EXPOSURE TO REMINGTO & VERNICK ENGINEERS AND AFFILIATES; AND OWNE SHALL INDEMNIFY AND HOLD HARMLESS REMINGTON VERNICK ENGINEERS AND AFFILIATES FROM ALL CLAIMS DAMAGES, LOSSES AND EXPENSES ARISING OUT OF O RESULTING THEREFROM

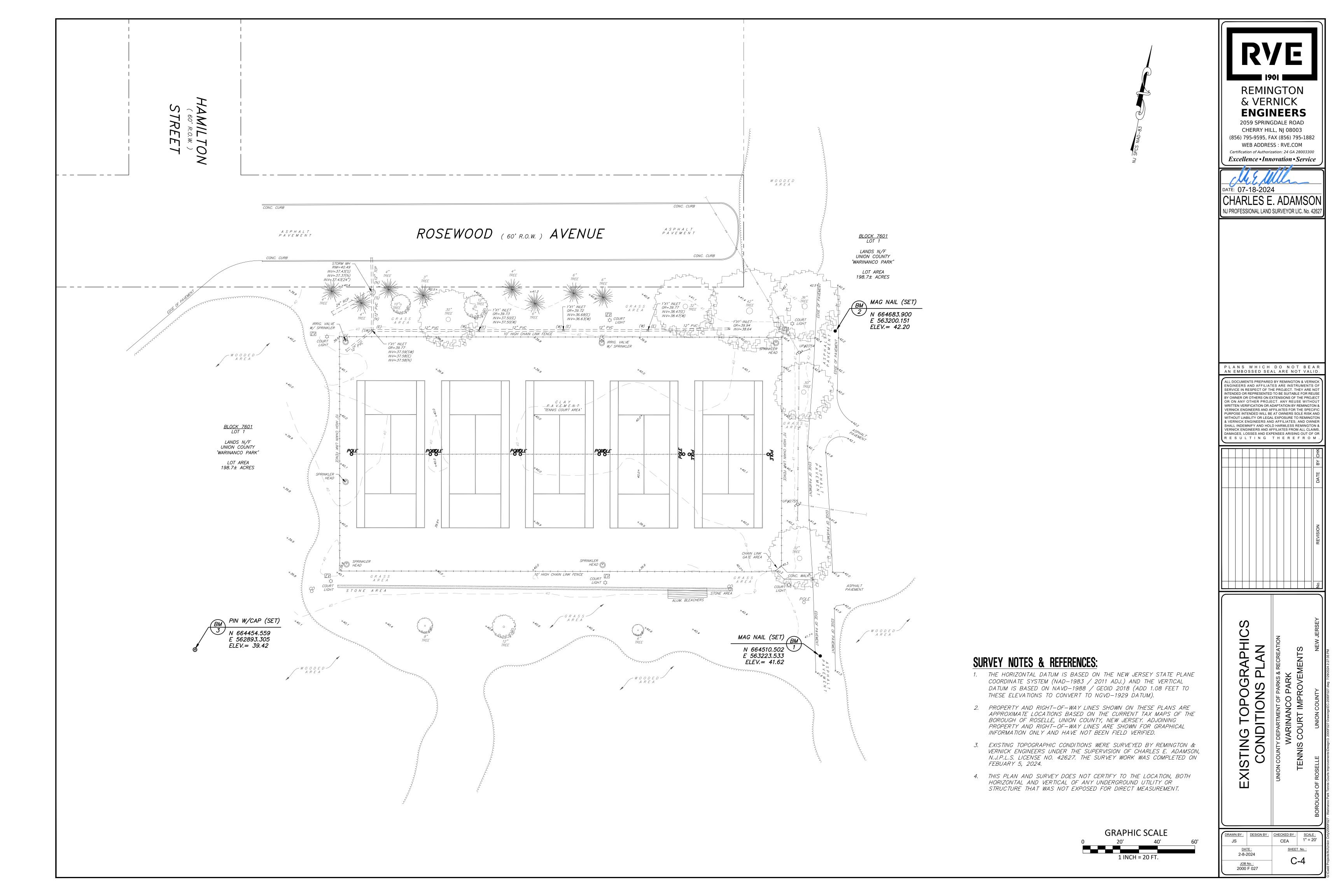
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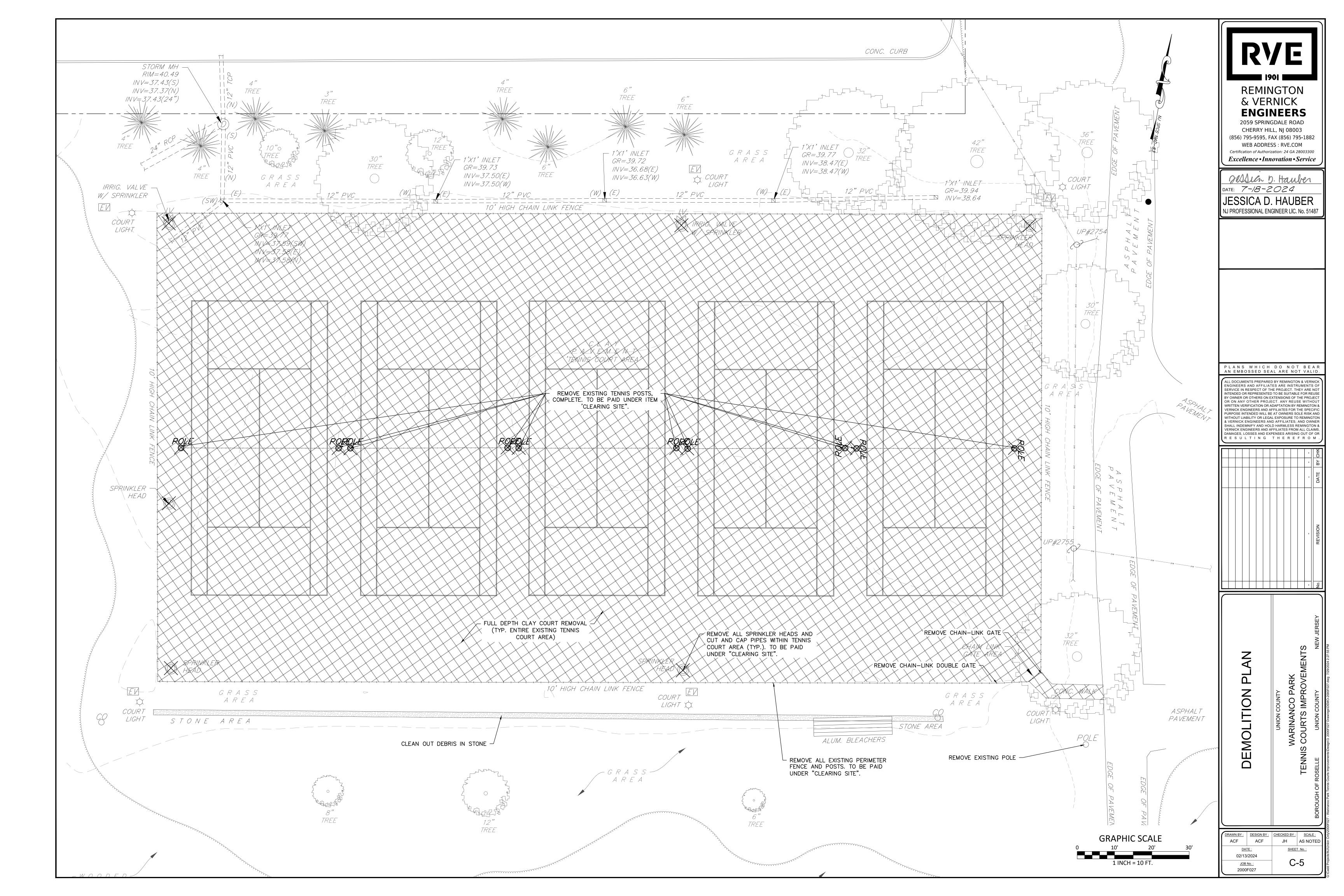
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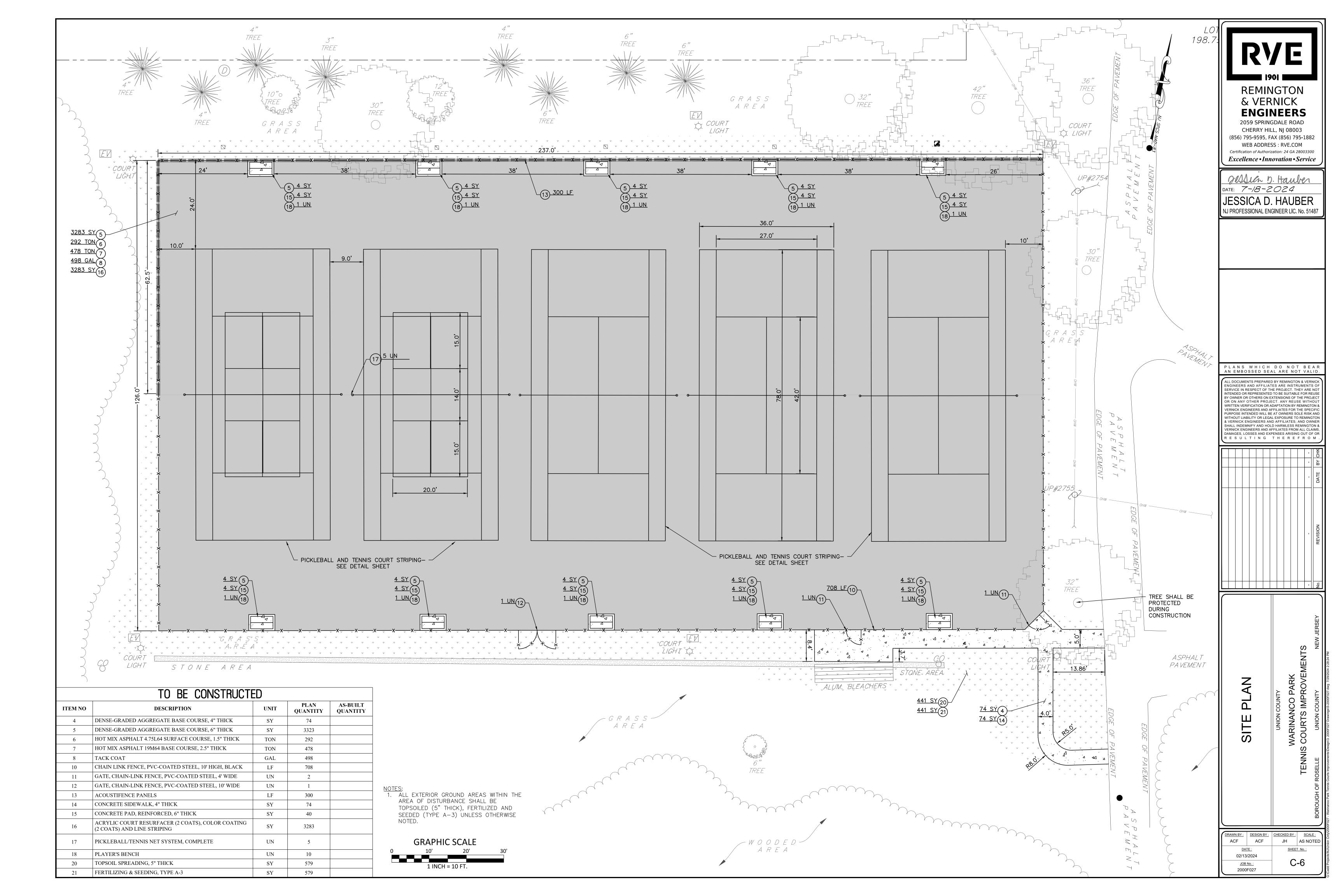
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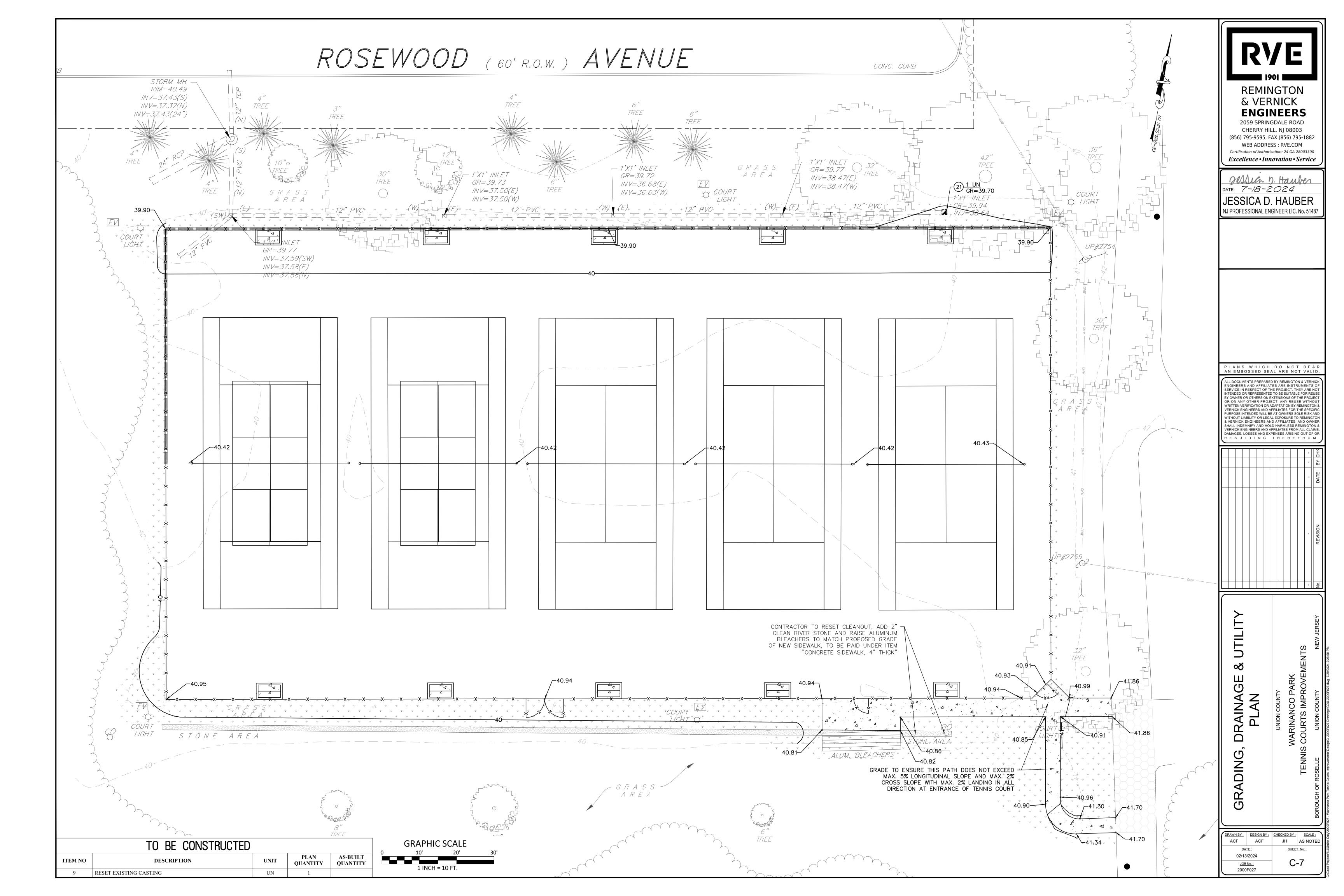
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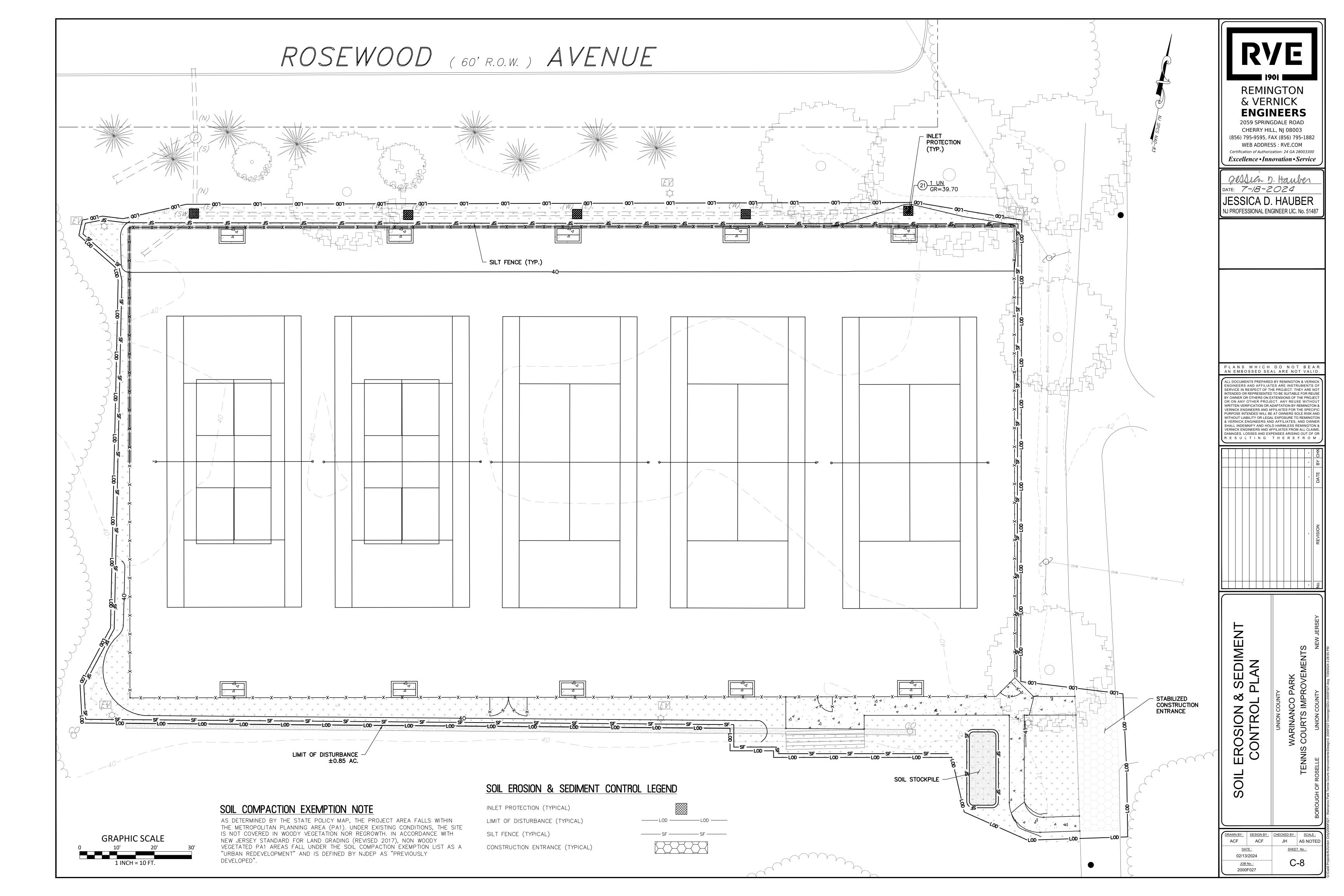
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	SANITARY FORCE MAIN PIPE		FM		AERIAL TARGET		+		CURB			ENGINEEI 2059 SPRINGDALE RO
	STORM SEWER PIPE ≤12"		D		CONCRETE MONUMENT	⊡	■ (SET)		PAVEMENT / CONC. / SIDEWALK	BITUMINOUS/ASPHALT	ASPHALT DRIVEWAY	CHERRY HILL, NJ 080 (856) 795-9595, FAX (856)
	STORM SEWER PIPE > 12"	(SIZE & TYPE)	(SIZE & TYPE) ==================================		PK / MAG NAIL DRILL HOLE	o	• (SET)			CONCRETE	CONCRETE	WEB ADDRESS: RVE.C
	GAS SERVICE	G	G		SPIKE					BRICK/PAVERS	BRICK/PAVERS	Excellence • Innovation
	SANITARY SEWER PIPE ≤12"	S ————————————————————————————————————	s		DRILL HOLE W/ WINGS	- <mark> </mark> -				STONE	STONE	DATE: 7-18-2024
	SANITARY SEWER PIPE > 12"	(SIZE & TYPE) 	_ <u>(SIZE &amp; TYPE)</u> _ =		STAKE	Δ	▲ (SET)				MILLING	JESSICA D. HAU
	ELECTRIC SERVICE	——————————————————————————————————————	———Е——		HUB	Δ	△ (SET)		LIMIT OF EXCAVATION			NJ PROFESSIONAL ENGINEER LIC
	FIBER OPTIC SERVICE		FO		PIN W/ CAP IRON PIPE	<b>©</b>	• (SET)		GUIDE RAIL		<del> </del>	
	TELEPHONE SERVICE		Т ———		IRON PIN		• (SET)	ORK	BOLLARD	0	<b>0</b>	
	COMMUNICATIONS SERVICE	c	c		CROSS CUT	×	➤ (SET)	5	MAILBOX	M	M .	
	IRRIGATION PIPE			<b> </b>	DISK				SIGNS	<del></del>	<del> +</del>	
	WATER SERVICE		——————————————————————————————————————	S	STONE	0		AD	FLAG POLE	<i>∞</i>	•~	
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	WATER VALVE	"O" wv	WM NA DECET		BASELINE	00	-+	RO	PILE	<b>⊚</b>	<b>©</b>	
	WATER UNDRANT	₩ 	M NEW M RESET		CENTERLINE			જ	DETECTABLE WARNING SURFACE	П	\$\$\$\$3 <b>■</b>	
	WATER HYDRANT	HYD	▼ NEW ▼ RESET		EASEMENT PLOUT OF WAY				TYPICAL STRIPING	•	•	
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	CLEANOUT	₹ •	•	∣≰∣	BORING LOCATION	<b>♦</b> B−#			OIL FILL	<b>4</b> )		
•	SEWER VENT INLET TYPE A	₩	EN NEW PRESET/ RESET/		MONITORING WELL LOCATION  TEST PIT LOCATION	<b>⊕</b> MW−# <b>-</b> TP−#	<b>₽</b> **** #		UNDERGROUND STORAGE TANK LID RISER PIPE	UST BE		
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	GUY ANCHOR	<b>⊣</b>		AD	FLOW LINE / SWALE	————>	— — > — — > —		C.I.P. CAST IRON PIPE IP IRON CONC. CONCRETE J.B. JUNC	PIN PVC POINTION BOX PVI POIN	NT OF VERTICAL CURVATURE TEL TELEPHONE NT OF VERTICAL INTERSECTION TEMP. TEMPORARY	
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	LIGHTS	<sup>♥</sup> POLE <sup>♥</sup> AREA	₩ ₩	0	SPOT GRADE	<sub>X</sub> 3.48	χ3.48		DH DRILL HOLE MB MAILE	ox RMC RIGII	D METALLIC OCNDUIT  VAR. VARIES	DRAWN BY: DESIGN BY: CHECKED BY  ACF ACF JH
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# SOMERSET—UNION SOIL EROSION AND SEDIMENT CONTROL NOTES — LAST REV 08/24/20

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY
- SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO NJ STATE STANDARDS
- PERMANENT VEGETATION SHALL BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH WILL BE USED FOR PROTECTION UNTIL SEEDING IS ESTABLISHED ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NJ STATE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY, 7TH EDITION LAST REVISED
- JANUARY 2014 A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN 15 DAYS OR PRELIMINARY GRADING.
- IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING ALL CRITICAL AREAS SUBJECT TO EROSION (I.E.: STEEP SLOPES, ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO THE NJ STATE
- ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E.: SLOPES GREATER THAT 3:1)
- TRAFFIC CONTROL STANDARDS REQUIRE THE INSTALLATION OF A 50'X30'X6'PAD OF 1 1/2"OR 2"STONE, AT ALL CONSTRUCTION DRIVEWAYS, IMMEDIATELY AFTER INITIAL SITE DISTURBANCE.
- THE SOMERSET-UNION SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED IN WRITING 48 HOURS IN ADVANCE OF ANY LAND DISTURBING ACTIVITY.
- IO. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER. SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED. TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING THE SOIL STRUCTURE. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS REQUIRED ON ALL SITES.
- I. IN THAT NJSA 4:24-39 ET SEQ., REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES, ALL SITE WORK FOR SITE PLANS AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS, WILL HAVE TO BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF COMPLIANCE FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY.
- 2. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL 13. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS
- TO THE DISTRICT FOR RE-CERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT NJ STATE SOIL EROSION & SEDIMENT CONTROL STANDARDS. 14. THE SOMERSET—UNION SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED OF ANY CHANGES IN OWNERSHIP
- 15. MULCHING TO THE NJ STANDARDS IS REQUIRED FOR OBTAINING A CONDITIONAL REPORT OF COMPLIANCE. CONDITIONALS ARE ONLY ISSUED WHEN THE SEASON PROHIBITS
- 16. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL ADJACENT ROADS CLEAN DURING LIFE OF CONSTRUCTION PROJECT. 17. THE DEVELOPER SHALL BE RESPONSIBLE FOR REMEDIATING ANY EROSION OR SEDIMENT PROBLEMS THAT ARISE AS A RESULT OF ONGOING CONSTRUCTION AT THE REQUEST OF THE SOMERSET-UNION SOIL CONSERVATION DISTRICT
- 18. HYDRO SEEDING IS A TWO- STEP PROCESS. THE FIRST STEP INCLUDES SEED, FERTILIZER, LIME, ETC., ALONG WITH MINIMAL AMOUNTS OF MULCH TO PROMOTE CONSISTENCY GOOD SEED TO SOIL CONTACT, AND GIVE A VISUAL INDICATION OF COVERAGE. UPON COMPLETION OF SEEDING OPERATION, HYDRO-MULCH SHOULD BE APPLIED AT A RATE OF 1500 LBS. PER ACRE IN SECOND STEP. THE USE OF HYDRO-MULCH, AS OPPOSED TO STRAW, IS LIMITED TO OPTIMUM SEEDING DATES AS LISTED IN THE NJ STANDARDS.

### TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION

- 1.1. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING
- 1.2. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEEDBED PREPARATION
- 2.1. APPLY LIMESTONE AND FERTILIZER. FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT. APPLY LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDES) AS FOLLOWS:

SOIL TEXTURE CLAY, CLAY LOAM, AND	TONS/ACRE	LBS./1 SQ. FT
ORGANIC SOIL	3	135
SANDY LOAM, LOAM, SIL	T LOAM 2	90
LOAMY SAND, SAND	1	45

- PULVERIZED DOLOMITIC LIMESTONE IS PREFERRED FOR MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE.
- 2.2. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEEDBED IS
- PREPARED. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AS ABOVE. 2.4. SOILS HIGH ON SULFIDES OR HAVING A pH OF 4 OR LESS SHOULD BE MULCHED ONLY.
- 3.1. SEE TEMPORARY SEED MIXTURE FOR SPECIES AND APPLICATION RATES.
- 3.2. APPLY SEED UNIFORMLY BY HAND, CYCLONE(CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER. MULCH SHALL NOT BE INCLUDED IN A HYDRO-SEEDER TANK WITH SEED. SEED SHALL BE INCORPORATED INTO THE SOIL BY RAKING OR DRAGGING. DEPTH OF SEED PLACEMENT MAY BE 1/4 INCH DEEPER ON COURSE TEXTURED SOIL.
- 3.3. AFTER SEEDING, FIRMING THE SOIL SHALL BE PERFORMED WITH A CORRUGATED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT, RESTORE CAPILLARITY, AND IMPROVE SEEDING EMERGENCE.
- 4. MULCHING MULCHING IS REQUIRED ON ALL SEEDING. 4.1. MULCH MATERIALS SHOULD BE UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS, OR SALT HAY TO BE APPLIED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CRIMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE
- OF APPLICATION MUST BE DOUBLE THE LOWER RATE. MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MATERIAL. 4.2. SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 75% TO 95% OF THE SOIL SURFACE WILL BE COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90 POUNDS WITHIN EACH SECTION.
- 4.3. MULCH ANCHORING SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS. DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COSTS. 4.3.1. PEG AND TWINE- DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2 TO 3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN
- BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CRISSCROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS. MULCH NETTING— STAPLE PAPER, JUTE, COTTON, OR PLASTIC NETTING TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED.
- CRIMPER(MULCH ANCHORING TOOL)— A TRACTOR—DRAWN IMPLEMENT, SOMEWHAT LIKE A DISC HARROW, ESPECIALLY DESIGNED TO PUSH OR CUT SOME OF THE BROADCAST LONG FIBER MULCH 3 TO 4 INCHES INTO THE SOIL SO AS TO ANCHOR IT AND LEAVE PART STANDING UPRIGHT. THIS TECHNIQUE IS LIMITED TO AREAS IRAVERSABLE BY A TRACTOR, WHICH MUST OPERATE ON THE CONTOUR OF SLOPES. STRAW MULCH RATE MUST BE 3 TONS PER ACRE. NO TACKIFYING OR ADHESIVE
- 4.4. WOOD-FIBER OR PAPER-FIBER MULCH AT THE RATE OF 1,500 POUNDS PER ACRE MAY BE APPLIED BY A HYDROSEEDER. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL.

THIS SEEDING MIXTURE IS COMPOSED OF A SINGLE SPECIES WHICH GERMINATES QUICKLY IN ORDER TO REDUCE SOIL EROSION UNTIL A PERMANENT VEGETATIVE COVER CAN BE COVER ESTABLISHED. A MIXTURE OF EQUAL QUALITY MAY BE SUBSTITUTED IF APPROVED BY OUR OFFICE.

COARSE AGGREGATE

N.J.D.O.T. SIZE NO.: 2 OR 3

PERCENT SLOPE OF

ROADWAY

0 TO 2%

2 TO 5%

>5%

AUTHORITY.

THE OWNER.

THE MINIMUM APPLICATION RATE FOR THIS SEEDING MIXTURE SHALL BE FOUR (4) POUNDS/1000 SQUARE FEET OR 160 POUNDS/ACRE.

THE OPTIMAL SEEDING DATES FOR PERRENNIAL RYEGRASS FOR CAMDEN COUNTY REGION ARE 2/15 - 4/30 AND 8/15 - 10/30. SUMMER SEEDING SHALL BE PERFORMED ONLY IF ADEQUATE IRRIGATION IS PROVIDED TO ENSURE SUCCESSFUL GERMINATION.

20' (MIN.)

FABRIC

LENGTH OF STONE REQUIRED

ENTIRE SURFACE STABILIZED WITH HOT MIX

ASPHALT BASE COURSE, MIX I-2\*

50 Ft

100 Ft

FINE GRAINED SOILS

100 Ft

200 Ft

COARSE GRAINED SOILS

\*AS PRESCRIBED BY LOCAL ORDINANCE OR OTHER GOVERNING

1. WIDTH SHALL BE 20' AND LOCATION SHALL BE AS DIRECTED BY

2. FILTER FABRIC TO BE TYPAR STYLE 3341, OR APPROVED EQUAL

STABILIZED CONSTRUCTION ENTRANCE

N.T.S.

## PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION

- 1. SITE PREPARATION
- 1.1. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, MULCH ANCHORING, AND MAINTENANCE. EVALUATE SUBSOIL FOR COMPACTION ACCORDING TO SOIL COMPACTION TESTING REQUIREMENTS AS DESCRIBED ON THIS PLAN SHEET.
- TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING THE SOIL STRUCTURE. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS REQUIRED ON ALL SITES. TOPSOIL SHALL BE AMENDED WITH ORGANIC MATTER. AS NEEDED, IN ACCORDANCE WITH TOPSOILING REQUIREMENTS AS DESCRIBED ON THIS PLAN SHEET.
- INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEEDBED PREPARATION
- APPLY GROUND LIMESTONE AND FERTILIZER. FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-10-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN, UNLESS A SOIL TEST INDICATES OTHERWISE, AND INCORPORATED INTO THE SURFACE 4 INCHES. APPLY LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDES) AS FOLLOWS:

SOIL TEXTURE CLAY, CLAY LOAM, AND HIGH	TONS/ACRE	LBS./1000 <u>SQ. FT.</u>
ORGANIC SOIL	4	180
SANDY LOAM, LOAM, SILT LOAM	3	135
LOAMY SAND, SAND	2	90

PULVERIZED DOLOMITIC LIMESTONE IS PREFERRED FOR MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE.

- WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEEDBED IS PREPARED. ALL BUT CLAY OR SILTY SOILS AND COURSE SANDS SHOULD BE ROLLED TO FIRM THE SEEDBED WHEREVER FEASIBLE.
- REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS, OR OTHER UNSUITABLE MATERIAL. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS
- 3. SEEDING 3.1. SEE PERMANENT SEED MIXTURE FOR SPECIES AND APPLICATION RATES.
- APPLY SEED UNIFORMLY BY HAND, CYCLONE(CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER. MULCH SHALL NOT BE INCLUDED IN A HYDRO-SEEDER TANK WITH SEED. EXCEPT FOR DRILLED, HYDROSEEDED OR CULTIPACKED SEEDING, SEED SHALL BE INCORPORATED INTO THE SOIL WITHIN 24 HOURS OF SEEDBED PREPARATION TO A DEPTH OF 1/4 TO 1/2
- INCH, BY RAKING OR DRAGGING. DEPTH OF SEED PLACEMENT MAY BE 1/4 INCH DEEPER ON COURSE TEXTURED SOIL AFTER SEEDING, FIRMING THE SOIL SHALL BE PERFORMED WITH A CORRUGATED ROLLER TO ASSURE GOOD SEED-TO-SOIL CONTACT, RESTORE CAPILLARITY, AND IMPROVE SEEDING EMERGENCE. 4. MULCHING - MULCHING IS REQUIRED ON ALL SEEDING.
- 4.1. STRAW OR HAY. MULCH MATERIALS SHOULD BE UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS, OR SALT HAY, AND SHALL BE APPLIED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CRIMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION MUST BE 3 TONS PER ACRE (70 POUNDS PER 1,000 SQUARE FEET). MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MATERIAL. SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THAT AT LEAST 85% OF THE SOIL SURFACE WILL BE COVERED. FOR UNIFORM
- DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90 POUNDS WITHIN EACH SECTION. MULCH ANCHORING SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COSTS.
- PEG AND TWINE- DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2 TO 3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CRISS-CROSS AND SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS. MULCH NETTING- STAPLE PAPER, JUTE, COTTON, OR PLASTIC NETTING TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN
- AREAS TO BE MOWED. CRIMPER (MULCH ANCHORING TOOL) - A TRACTOR-DRAWN IMPLEMENT. SOMEWHAT LIKE A DISC HARROW, ESPECIALLY DESIGNED TO PUSH OR CUT SOME OF THE BROADCAST LONG FIBER MULCH 3 TO 4 INCHES INTO THE SOIL SO AS TO ANCHOR IT AND LEAVE
- PART STANDING UPRIGHT. THIS TECHNIQUE IS LIMITED TO AREAS TRAVERSABLE BY A TRACTOR, WHICH MUST OPERATE ON THE CONTOUR OF SLOPES. STRAW MULCH RATE MUST BE 3 TONS PER ACRE. NO TACKIFYING OR ADHESIVE AGENT IS REQUIRED. WOOD-FIBER OR PAPER-FIBER MULCH SHALL BE MADE FROM WOOD, PLANT FIBERS OR PAPER CONTAINING NO GROWTH OR GERMINATION INHIBITING MATERIALS AND APPLIED AT THE RATE OF 1,500 POUNDS PER ACRE (OR AS RECOMMENDED MY THE PRODUCT MANUFACTURER) BY A HYDROSEEDER. <u>MULCH SHALL NOT BE MIXED IN THE TANK WITH SEED.</u> USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL.
- 5. IRRIGATION 5.1. IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDING WITH ADEQUATE WATER (A MINIMUM OF 1/4 INCH TWICE A DAY UNTIL VEGETATION IS WELL ESTABLISHED). THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE PERFORMED IN ABNORMALLY DRY OR HOT WEATHER
- TOP DRESSING 6.1. SPRING SEEDING WILL REQUIRE AN APPLICATION OF FERTILIZER SUCH AS 10-10-10 OR EQUIVALENT AT 400 POUNDS PER ACRE OR 10 POUNDS PER 1.000 SQUARE FEET BETWEEN SEPTEMBER 1 AND OCTOBER 15.
- FALL SEEDING WILL REQUIRE THE ABOVE BETWEEN MARCH 15 AND MAY 1 MIXTURES DOMINATED BY WEEPING LOVEGRASS OR LEGUMES MAY NOT NEED TOPDRESSING. 7. ESTABLISHMENT OF PERMANENT VEGETATION RESTS WITH THE CONTRACTOR. THE TIMING OF SEEDING, PREPARATION OF SEEDBED, APPLICATION OF NUTRIENTS, MULCH AND OTHER MANAGEMENT STRATEGIES ARE ESSENTIAL. ESTABLISHING PERMANENT VEGETATION MEANS

\* IF SLOW RELEASE NITROGEN (300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT) IS USED IN ADDITION TO SUGGESTED FERTILIZER, THIS FOLLOW-UP OF TOP DRESSING IS NOT MANDATORY.

80% VEGETATIVE COVER (OF THE SEEDED SPECIES) AND MOWED ONCE. THE DESIGNATION OF "MOWED ONCE" DOES NOT GUARANTEE THE

# Permanent Seeding Mixture (excessively & Well to Moderately Well Drained Soils)

THE FOLLOWING SEED MIXTURE APPLICATION IS REQUIRED FOR PERMANENT STABILIZATION AS INDICATED ON THE SOIL EROSION AND SEDIMENT CONTROL PLANS.

COMMON NAME	BOTANICAL NAME	LBS/ACRE (LBS/1,000 SQ. FT.)
TURF-TYPE TALL FESCUE BLEND OF 3 CULTIVARS	FESTUCA ARUNDINACEA	350 (8)

PERMANENCY OF THE TURF SHOULD OTHER MAINTENANCE FACTORS BE NEGLECTED OR OTHERWISE MISMANAGED.

THE OPTIMAL SEEDING DATES FOR THIS GRASS MIXTURE FOR USDA ZONE 7A ARE 8/15 - 10/30. SUMMER SEEDING SHALL BE PERFORMED ONLY IF ADEQUATE IRRIGATION IS PROVIDED TO ENSURE SUCCESSFUL GERMINATION.

- 1. TEMPORARY STABILIZATION ALL EXPOSED AREAS NOT TO BE CONSTRUCTED UPON WITHIN 14 DAYS SHOULD RECEIVE TEMPORARY STABILIZATION. THE TEMPORARY SEEDING MIXTURES SHALL BE ANNUAL RYE GRASS AT A RATE OF 4 POUND PER 1000 SQ. FT. AND
- LIMED AT A RATE OF 45 LBS. PER 1000 SQ. FT. 2. PERMANENT STABILIZATION — ALL EXPOSED AREAS WHICH ARE TO BE PERMANENTLY VEGETATED SHOULD BE SEEDED WITHIN 7 DAYS OF FINAL GRADING, ACCORDING TO THE PERMANENT SEEDING SPECIFICATIONS.

TOTAL AREA OF DISTURBANCE: 0.85 ACRES

TOPSOIL SHOULD BE USED WHERE SOILS ARE: SANDS, GRAVELY SOILS, CLAYS, SILTY CLAYS, VERY SHALLOW, OR WHERE THEY ARE EXTREMELY ACID (LESS THAN pH4.0) OR SALTY (COND- ACTIVITY GREATER THAN 1.0 MILLIMHOS PER CENTIMETER); OR WHERE TOPSOIL IS AVAILABLE ON SITE AND ASSURANCE OF IMPROVED VEGETATIVE GROWTH IS DESIRED.

- I. MATERIALS 1.1. TOPSOIL SHOULD BE FRIABLE AND LOAMY, FREE OF DEBRIS, OBJECTIONABLE WEEDS AND STONES, AND CONTAIN NO TOXIC SUBSTANCE THAT MAY BE HARMFUL TO PLANT GROWTH. A pH RANGE OF 5.0-7.5 IS ACCEPTABLE. SOLUBLE SALTS SHOULD NOT BE EXCESSIVE (CONDUCTIVITY LESS THAN 0.5 MILLIMHOS PER CENTIMETER). TOPSOIL HAULED IN FROM OFF SITE SHOULD HAVE A MINIMUM ORGANIC MATTER CONTENT OF 2.75 PERCENT. ORGANIC MATTER CONTENT MAY BE RAISED BY ADDITIVES.
- 2. STRIPPING AND STOCKPILING FIELD EXPLORATION SHOULD BE MADE TO DETERMINE WHETHER QUANTITY AND/OR QUALITY OF SURFACE SOIL JUSTIFIES STRIPPING.
- STRIPPING SHOULD BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA. 2.3. WHERE FEASIBLE, LIME MAY BE APPLIED BEFORE STRIPPING AT A RATE DETERMINED BY SOIL TESTS TO BRING THE SOIL PH TO 6.5. IN
- LIEU OF SOIL TESTS, SEE LIME RATE GUIDE IN SEEDBED PREPARATION FOR PERMANENT VEGETATIVE COVER. 2.4. A 4-6 INCH STRIPPING DEPTH IS COMMON, BUT MAY VARY DEPENDING ON THE PARTICULAR SOIL. 2.5. STOCKPILES OF TOPSOIL SHOULD BE SITUATED SO AS NOT TO OBSTRUCT NATURAL DRAINAGE OR CAUSE OFF-SITE ENVIRONMENTAL
- 2.6. STOCKPILES SHOULD BE VEGETATED IN ACCORDANCE WITH TEMPORARY SEEDING STANDARDS PREVIOUSLY DESCRIBED HEREIN.
- 3. SITE PREPARATION 3.1. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH
- APPLICATION AND ANCHORING, AND MAINTENANCE. 3.2. SUBSOIL SHOULD BE TESTED FOR LIME REQUIREMENT AND LIMESTONE, IF NEEDED, SHOULD BE APPLIED TO BRING SOIL pH TO 6.5 AND
- INCORPORATED INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES. 3.3. IMMEDIATELY PRIOR TO TOPSOIL DISTRIBUTION, THE SURFACE SHOULD BE SCARIFIED 6" - 12" WHERE THERE HAS BEEN SOIL COMPACTION.
- EMPLOY NEEDED EROSION CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENTATION BASINS, AND WATERWAYS. APPLYING TOPSOIL 4.1. TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING SOIL STRUCTURE; I.E., LESS THAN FIELD

### 4.2. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS RECOMMENDED. SOILS WITH A PH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM DEPTH OF 12 INCHES OF SOIL HAVING A pH OF 5.0 OR MORE.

- THE PURPOSE OF DUST CONTROL MEASURES IS TO PREVENT THE BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, REDUCE ON-SITE AND OFF-SITE DAMAGE & HEALTH HAZARDS, AND IMPROVE TRAFFIC SAFETY.
- MULCHES REVIEW MULCHING NOTES ABOVE. <u>VEGETATIVE COVER</u> - REVIEW NOTES ON TEMPORARY COVER.
- SPRAY-ON ADHESIVES ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS.

1.0.	SI KATI ON ADHESIVES	30123 (1101 211201112 0	IN MOOK SOILS). KLLI	THE SE MILENE	٠.
1.4.	MATERIAL	WATER DILUTION	TYPE OF NOZZLE	APPLY GALLON/ACR	₹E
	ANIONIC ASPHALT EMULSION	<del></del> 7:1	COARSE SPRAY	1200	
	LATEX EMULSION	12.5:1	FINE SPRAY	235	
	RESIN IN WATER	<b>4:</b> 1	FINE SPRAY	300	
	ACIDULATED SOY BEAN SOAP STICK	NONE	COARSE SPRAY	1200	

- TILLAGE TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A E. TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL—TYPE PLOWS SPACED ABOUT
- 12 INCHES APART, AND SPRING-TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT. SPRINKLING - SITE IS SPRINKLED UNTIL THE SURFACE IS WET. BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE
- TO CONTROL AIR CURRENTS AND SOIL BLOWING. STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.

## SOIL DE-COMPACTION AND TESTING REQUIREMENTS

SOIL COMPACTION MITIGATION EXEMPTION AS DETERMINED BY THE STATE POLICY MAP, THE PROJECT AREA FALLS WITHIN THE METROPOLITAN PLANNING AREA (PA1). UNDER EXISTING CONDITIONS, THE SITE IS NOT COVERED IN WODDY VEGETATION NOR REGROWTH. IN ACCORDANCE WITH THE NEW JERSEY STANDARD FOR LAND GRADING (REVISED 2017), NON-WOODY VEGETATED PA1 AREAS FALL UNDER THE SOIL COMPACTION EXCEPTION LIST AS AN "URBAN REDEVELOPMENT" AND IS DEFINED BY N.J.D.E.P. AS "PREVIOUSLY DEVELOPED".

- 1. A REPORT OF COMPLIANCE MUST BE OBTAINED FROM THE DISTRICT PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY FROM THE MUNICIPALITY. A REQUEST FOR A DISTRICT INSPECTION FOR THE RELEASE OF A REPORT OF COMPLIANCE MUST BE MADE 5 WORKING DAYS IN ADVANCE. THIS APPLIES TO BOTH COMPLETE (FINAL) AND CONDITIONAL (TEMPORARY) CERTIFICATES. ALL STREETS AND UNITS MUST BE PROPERLY IDENTIFIED. A REPORT OF COMPLIANCE WILL NOT BE RELEASED FOR A UNIT IF IT CAN NOT BE IDENTIFIED. IDENTIFY ALL UNITS AT THE SITE BY BLOCK, LOT, AND STREET ADDRESS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT THAT MAY BE SPILLED. DROPPED OR TRACKED OFF THE PROJECT SITE. ALL PAVEDRIGHT-OF-WAYS ADJACENT TO THE PROJECT SITE MUST BE MAINTAINED IN A CLEAN, SWEPT CONDITION THROUGHOUT

DUMP STRAPS-

CONSTRUCTION.

	ACTIVITY	WEEK NO.
1.	CONTACT THE SOMERSET-UNION COUNTY SOIL CONSERVATION DISTRICT AT 908-231-7000 A MINIMUM OF 72 HOURS PRIOR TO ANY SOIL DISTURBANCE TO ARRANGE A PRECONSTRUCTION MEETING.	1
2.	THE ORIGINAL SOMERSET-UNION COUNTY SOIL CONSERVATION DISTRICT CERTIFICATION AND PLANS MUST BE AVAILABLE AT THE SITE AT ALL TIMES.	1
3.	INSTALL THE STABILIZED CONSTRUCTION ENTRANCE AND OTHER SOIL EROSION MEASURES.	1
4.	CLEARING SITE.	2
5.	CONSTRUCT AND GRADE TENNIS COURT AREA.	3-8
6.	INSTALL PERMANENT STABILIZATION.	9
7.	CONTACT THE SOMERSET-UNION COUNTY SOIL CONSERVATION DISTRICT FOR FINAL	10

INLET FILTER, TYPE 2

SCALE: N.T.S.

INSPECTION. 8. REMOVE ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES.

REMINGTON

**ENGINEERS** 

2059 SPRINGDALE ROAD

CHERRY HILL, NJ 08003

(856) 795-9595, FAX (856) 795-1882

WEB ADDRESS: RVE.COM

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Dessia D. Hauber

JESSICA D. HAUBER

NJ PROFESSIONAL ENGINEER LIC. No. 5148

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PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK ANI

WITHOUT LIABILITY OR LEGAL EXPOSURE TO REMINGTO

& VERNICK ENGINEERS AND AFFILIATES; AND OWNE

SHALL INDEMNIFY AND HOLD HARMLESS REMINGTON

VERNICK ENGINEERS AND AFFILIATES FROM ALL CLAIM

DAMAGES, LOSSES AND EXPENSES ARISING OUT OF O

RESULTING THEREFROM

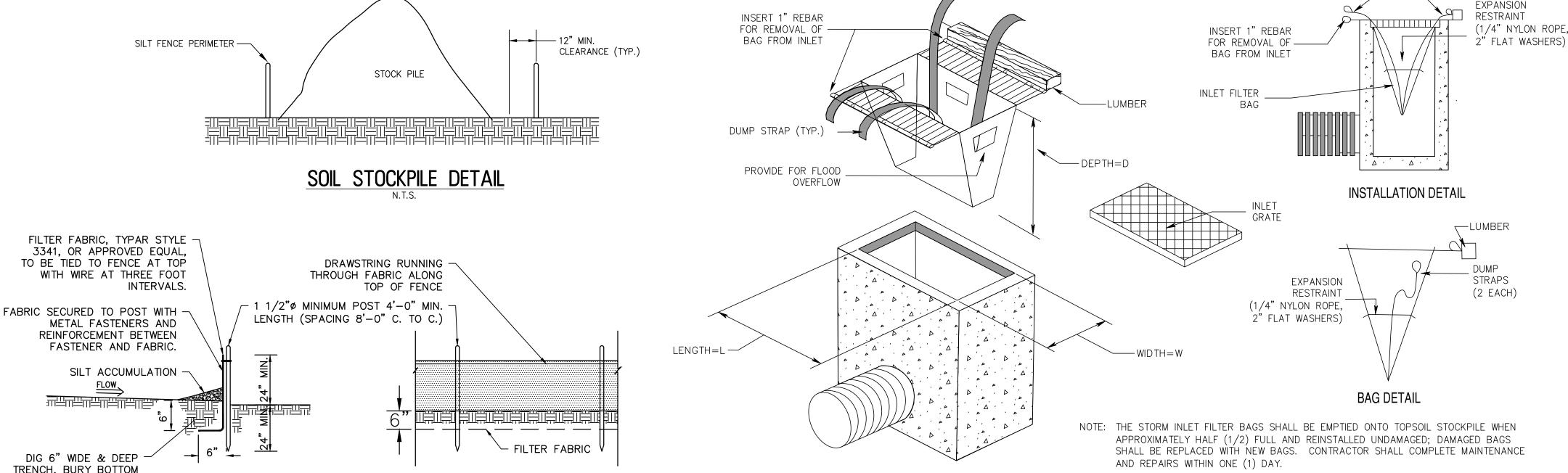
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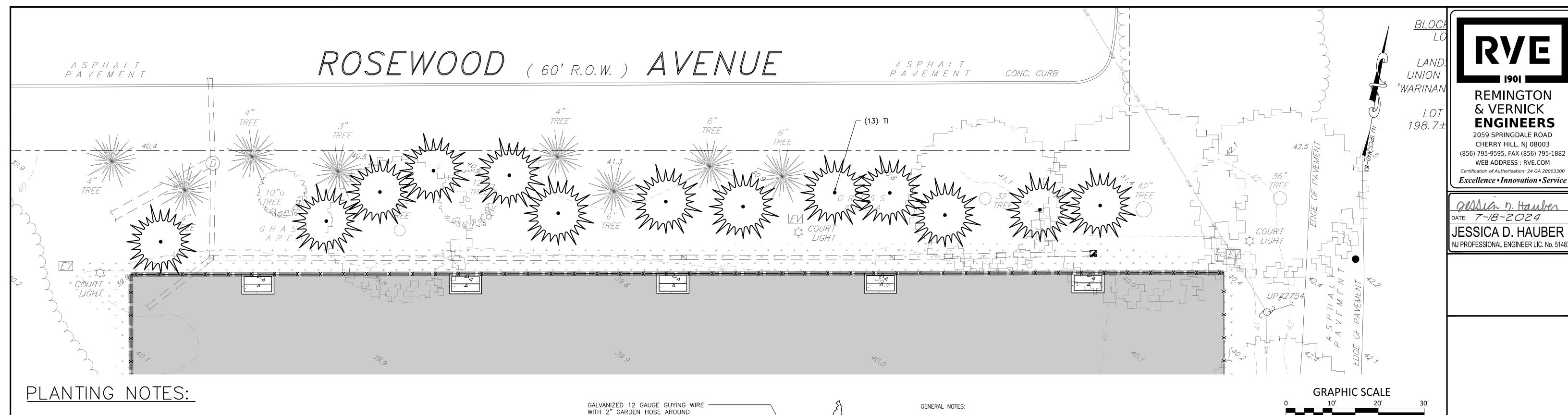
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SECTION **ELEVATION** 

TRENCH, BURY BOTTOM 1'-0" OF FABRIC, TAMP IN PLACE

SILT FENCE DETAIL



- A COMPLETE LIST OF PLANTS, INCLUDING A SCHEDULE OF QUANTITIES, SIZES, AND OTHER REQUIREMENTS IS SHOWN ON THE PLANT LIST. IN THE EVENT THAT DISCREPANCIES OCCUR BETWEEN THE QUANTITIES OF PLANTS INDICATED IN THE PLANT LIST AND THOSE INDICATED ON THE PLAN, THE PLANT QUANTITIES INDICATED ON THE PLAN SHALL GOVERN.
- NO SUBSTITUTIONS SHALL BE ACCEPTED, EXCEPT WITH WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT OR HIS AGENT.
- DISFIGURING KNOTS, ABRASIONS OF THE BARK, SUNSCALD INJURIES, PLANT DISEASES, INSECT EGGS, BORERS, AND ALL OTHER FORMS OF INFECTIONS. ALL PLANT MATERIAL INSTALLED BETWEEN OCTOBER 15 AND MARCH 15 SHALL BE THOROUGHLY WETTED WITH AN ANTI-TRANSPIRANT UPON DELIVERY OF THE MATERIAL TO THE SITE.
- QUALITY AND SIZE OF PLANT, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1) AS PUBLISHED BY AMERICANHORT. THE TRANSPLANTING AND PLANTING OF TREES AND SHRUBS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "ANSI A300 PART 6: TREE, SHRUB, AND OTHER WOODY PLANT MAINTENANCE-STANDARD PRACTICES (TRANSPLANTING)."
- ALL PLANTS SHALL BE PACKED, TRANSPORTED AND HANDLED WITH UTMOST CARE TO INSURE ADEQUATE PROTECTION AGAINST INJURY AND DEHYDRATION. EACH SHIPMENT SHALL BE CERTIFIED TO BE FREE FROM DISEASES AND INFESTATION. ANY INSPECTION CERTIFICATES REQUIRED BY LAW TO THIS EFFECT SHALL ACCOMPANY EACH SHIPMENT INVOICE OR ORDER OF STOCK, AND ON ARRIVAL, THE CERTIFICATE
- NO PLANT MATERIAL SHALL BE PLANTED BY THE CONTRACTOR UNTIL IT IS INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT OR HIS AGENT AT THE SITE. THE LANDSCAPE ARCHITECT OR HIS REPRESENTATIVE SHALL BE THE SOLE JUDGE OF THE QUALITY AND ACCEPTABILITY OF THE MATERIALS. ALL REJECTED MATERIALS SHALL BE IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL AT NO
- 7. DECIDUOUS AND EVERGREEN TREES SHALL BE FIELD ADJUSTED TO MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET FROM ANY OVERHEAD UTILITY WIRES AND/OR UNDERGROUND UTILITIES.
- 8. DECIDUOUS AND EVERGREEN TREES SHALL BE PLANTED AT LEAST TWO (2) FEET FROM ANY CURBING, PAVING, OR SIDEWALK. WHENEVER POSSIBLE THIS DIMENSION SHOULD BE INCREASED TO FOUR (4) FEET. ALL PLANTINGS, EXCEPT GROUND COVERS, SHOULD BE PLANTED AT LEAST TWO (2) FEET FROM ANY BUILDING AND FIVE (5) FEET FROM ABOVE AND BELOW GROUND UTILITIES.
- 9. PLANTING MIXTURE SHALL CONSIST OF 70% EXISTING SOIL FROM THE PLANTING SITE AND 30% HUMUS OR MUSHROOM SOIL. PRIOR TO USING EXISTING TOPSOIL, REMOVE ALL FOREIGN DEBRIS AND ALL ROCKS OR STONES LARGER THAN 2 INCHES. EACH CUBIC YARD SHALL BE ADDED AND INCORPORATED BY THOROUGHLY MIXING, FOUR POUNDS OF COMMERCIAL FERTILIZER HAVING AN ANALYSIS OF 6-6-6.
- 10. ALL PLANTS (B&B OR CONTAINER) SHALL BE PROPERLY IDENTIFIED BY WEATHERPROOF LABELS AND SECURELY ATTACHED THERETO BEFORE DELIVERY TO THE PROJECT SITE. LABELS SHALL IDENTIFY THE
- PLANTS BY COMMON NAME, BOTANICAL NAME AND SIZE. LABELS SHALL NOT BE REMOVED UNTIL FINAL INSPECTION BY THE LANDSCAPE ARCHITECT. 11. CONTRACTOR SHALL SCALE PLANT LOCATIONS FROM THE PLANS AND STAKE LOCATIONS ON—SITE FOR APPROVAL BY THE LANDSCAPE ARCHITECT OR HIS AGENT.
- 12. ALL SEEDED AREAS THAT DO NOT SHOW A PROMPT UNIFORM GERMINATION SHALL BE RESEEDED BY THE LANDSCAPE CONTRACTOR AT INTERVALS OF 45 60 DAYS, UNTIL A GOOD GROWTH IS ESTABLISHED OVER THE ENTIRE LAWN AREA.
- 13. ALL PLANT BEDS SHALL BE MULCHED WITH THREE (3) INCHES OF DOUBLE SHREDDED HARDWOOD BARK MULCH OR OTHER MATERIAL APPROVED BY THE LANDSCAPE ARCHITECT. THE LIMIT OF THE MULCH FOR TREES SHALL EXTEND 12 INCHES BEYOND THE PLANTING HOLE, AND FOR SHRUBS AND BEDS, THE ENTIRE SHRUB OR BED AREAS AS INDICATED ON THE PLAN OR APPROVED IN THE FIELD. NO MULCH SHALL BE PLACED WITHIN THREE (3) INCHES OF THE TRUNK OR TRUNK FLARE. NO SEPARATE PAYMENT SHALL BE MADE FOR MULCH, BUT THE COST SHALL BE INCLUDED IN VARIOUS ITEMS OF
- 14. ALL PLANTING BEDS SHALL BE ROTOTILLED TO A DEPTH OF TEN (10) INCHES PRIOR TO ANY PLANTING. ALL STONES, WIRE, CONCRETE AND UNSUITABLE MATERIALS SHALL BE REMOVED. ALL SHRUB PLANTINGS SHALL BE INSTALLED IN MULCHED PLANTING BEDS EXTENDING AT LEAST TWO (2) FEET FROM THE PLANTS OR AS INDICATED ON THE APPROVED PLANS.
- 15. PLANTING BEDS SHALL BE THOROUGHLY EXCAVATED, AND BACKFILLED WITH THE PLANT MIXTURE DESCRIBED IN 9 ABOVE. ALL PAVEMENT SUB-BASE AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE ISLAND PLANTING BEDS UNTIL THE VIRGIN SOIL IS REACHED.
- 16. IT IS UNDERSTOOD THAT THE OWNER SHALL ASSUME THE RESPONSIBILITY FOR WATERING ALL PLANT MATERIAL AND LAWN AREAS BEYOND THE GUARANTEE PERIOD FROM COMMENCING WITH THE DATE OF
- 17. ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION. ALL PLANTS SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF TWO (2) YEARS FROM THE COMPLETION DATE OF INSTALLATION. ANY PLANT MATERIAL THAT IS 25% DEAD OR MORE SHOULD BE CONSIDERED DEAD AND MUST BE REPLACED. A TREE SHOULD BE CONSIDERED DEAD WHEN THE MAIN LEADER HAS DIED BACK OR WHEN 25% OF THE CROWN IS DEAD. REPLACEMENT SHALL BE MADE AT THE BEGINNING OF THE FIRST SUCCEEDING PLANTING SEASON. ALL REPLACEMENTS SHALL
- 18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATIONS OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE EXCAVATING.
- 19. THE LANDSCAPE ARCHITECT OR HIS AGENT SHALL BE NOTIFIED OF ANY RELOCATION OF PLANTS MADE NECESSARY BY UTILITIES OR OTHER EXISTING FEATURES PREVENTING THE CONTRACTOR FROM IMPLEMENTATION OF THE PLANTING PLAN AS DRAWN. SUCH NOTIFICATION SHALL BE MADE BEFORE THE FIELD CHANGE IS CARRIED OUT.
- 20. PLANT MATERIAL SHALL BE FURNISHED AND INSTALLED AS INDICATED INCLUDING ALL LABOR, MATERIALS, PLANTS, AND EQUIPMENT, INCIDENTALS AND CLEAN UP.
- 21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT THE CORRECT GRADES AND ALIGNMENT. SET ALL PLANTS PLUMB AND STRAIGHT. SET SHRUBS AT SUCH A LEVEL THAT, AFTER SETTLEMENT, A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED OR A MINIMUM OF TWO (2) INCHES ABOVE THE FINISHED GRADE. FOR TREE PLANTINGS. THE CONTRACTOR SHALL LOCATE THE HIGHEST ROOT FLARE PRIOR TO DIGGING THE PLANTING HOLE. THE PLANTING HOLE SHALL BE EXCAVATED TO A DEPTH THAT ENSURES THE TRUNK FLARE IS VISIBLE AND THAT THE HIGHEST ROOT FLARE IS FLUSH WITH EXISTING GRADE. TREES PLANTED LOWER OR HIGHER WILL BE REJECTED. LOCATE ALL PLANTS IN THE CENTER OF THE PIT.
- 22. CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF THE PLANT MATERIAL.
- 23. INSOFAR AS PRACTICABLE, PLANT MATERIALS SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT STOCK NOT PLANTED. PLANTS SHALL NOT REMAIN UNPLANTED LONGER THAN A TWO (2) DAY PERIOD AFTER DELIVERY.
- 24. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTABLE LOCAL PRACTICE.
- 25. ALL NON-BIODEGRADABLE ROOT WRAPPINGS (INCLUDING WIRE BASKETS) ARE TO BE REMOVED COMPLETELY BEFORE PLANTING.
- 26. EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. PRUNING SHALL BE DONE WITH CLEAN,
- 27. ALL INJURED ROOTS SHALL BE PRUNED BEFORE PLANTING, AND OBVIOUS GIRDLING ROOTS REMOVED, PRUNED OR EXTENDED AS APPROPRIATE. IT IS ADVISABLE TO PRUNE BRANCHES WHICH CROSS. THE MAIN LEADER OF DECIDUOUS TREES SHOULD NOT BE CUT BACK. LONG SIDE BRANCHES MUST BE SHORTENED.
- 28. TREES ARE TO BE SUPPORTED IMMEDIATELY AFTER PLANTING IF CONDITIONS MERIT. TREES SIX (6) INCHES AND OVER IN CALIPER SHALL BE GUYED. SMALLER TREES SHALL BE STAKED. GUYING WIRES AND STAKES SHALL BE AS INDICATED.
- 29. UNLESS OTHERWISE NOTED, ALL DECIDUOUS AND EVERGREEN TREES SHALL HAVE A SINGLE TRUNK.
- 30. DECIDUOUS AND EVERGREEN TREES WHICH ARE B&B SHALL BE DRUM LACED IN LIEU OF WIRE BASKETS.



1. THE CONTRACTOR SHALL REPORT ANY SUBSOIL WATER CONDITIONS WHICH MAY NEGATIVELY IMPACT PLANT MATERIAL PRIOR TO PLANTING.

2. TREES ONLY TO BE STAKED OR GUYED IN UNPROTECTED, WINDY AREAS. IN ALL OTHER INSTALLATIONS NO STAKING OR GUY WIRES ARE NECESSARY, UNLESS DIRECTED BY THE LANDSCAPE

COMPLETELY REMOVE ALL WIRE BASKETS FROM

SCARIFY BOTH SIDES AND BOTTOM OF PLANTING HOLE.

2" X 2" X 24" STAKES —— DRIVE INTO UNDISTURBED SOIL. 3 STAKES REQUIRED SET 120° APART - TRUNK FLARE SHALL BE VISIBLE (PROVIDE IF CONDITIONS MERIT) NO MULCH SHALL BE WITHIN 2 INCHES

FINISHED GRADE — 4" HIGH SAUCER BERM FOR WATER RETENTION.

TREE TRUNK.

COMPLETELY.)

(PROVIDE IF CONDITIONS MERIT)

CUT & REMOVE TWINE, ROLL BACK

BURLAP, AND KEEP TOP OF BALL

AT ELEVATION OF FINISHED GRADE.

(REMOVE SYNTHETIC WRAP & TWINE

4" LAYER OF COARSE ORGANIC MULCH. A MINIMUM THICKNESS

OF 12" OF PLANTING MIX SHALL SURROUND THE ROOT BALL CROWN TO ALLOW FOR COMPACTION.

UNDISTURBED SUBGRADE

3 TIMES BALL WIDTH

EVERGREEN TREE PLANTING DETAIL

**VARIES** 

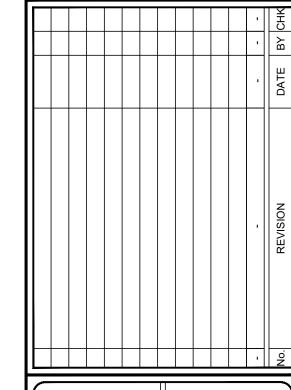
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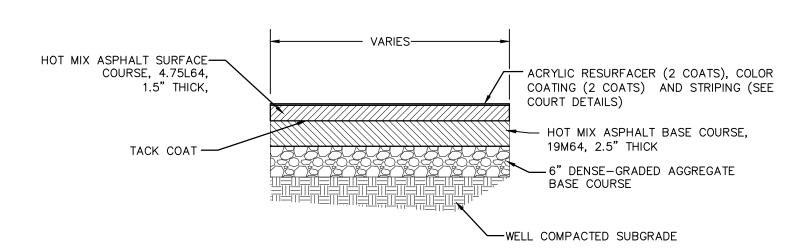
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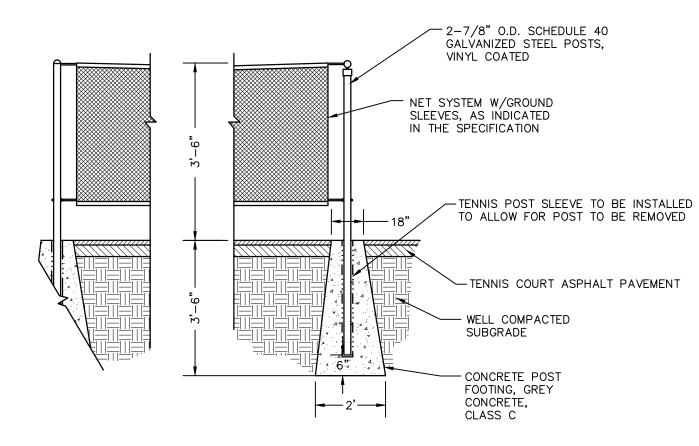
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SCHEDULE				DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE AS NOT
OTANICAL NAME	COMMON NAME	SIZE	CONTAINER		TE : 8/2024		T No. :
ES 'huia x 'Green Giant'	Green Giant Arborvitae	8'-10` HT	B&B		No. : 0F027	C-	-10

TO BE CONSTRUCTED						
ITEM NO	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY		
19	THUJA X 'GREEN GIANT', GREEN GIANT ARBORVITAE, 8-10' HT, B&B	UN	13			



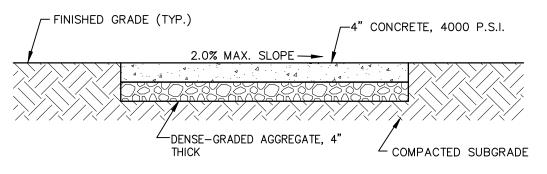
# TENNIS COURT TYPICAL PAVEMENT DETAIL



NOTES:

1. PAYMENT FOR CONCRETE POST FOOTING SHALL BE INCLUDED IN THE COST FOR TENNIS NET SYSTEM, COMPLETE.

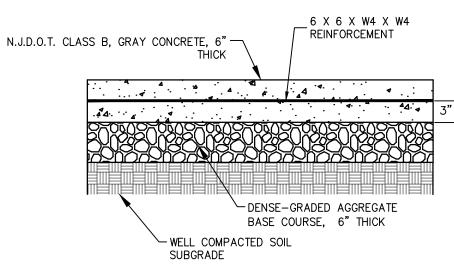
# TENNIS POST DETAIL



NOTES:

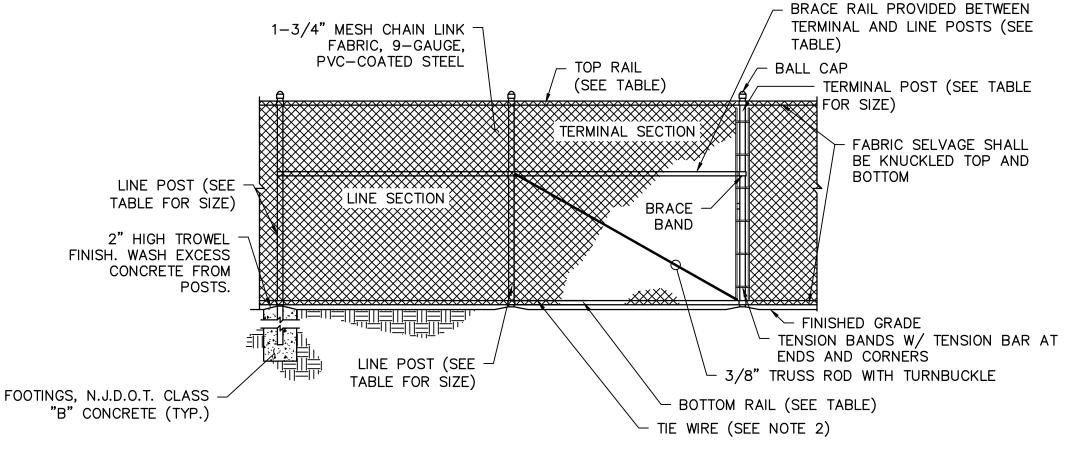
1. EXPANSION JOINTS AT 20' INTERVALS. CONSTRUCTION JOINTS AT 4' INTERVALS.

# TYPICAL CONCRETE SIDEWALK SECTION N.T.S.



REINFORCED CONCRETE PAD

N.T



<u>s:</u>

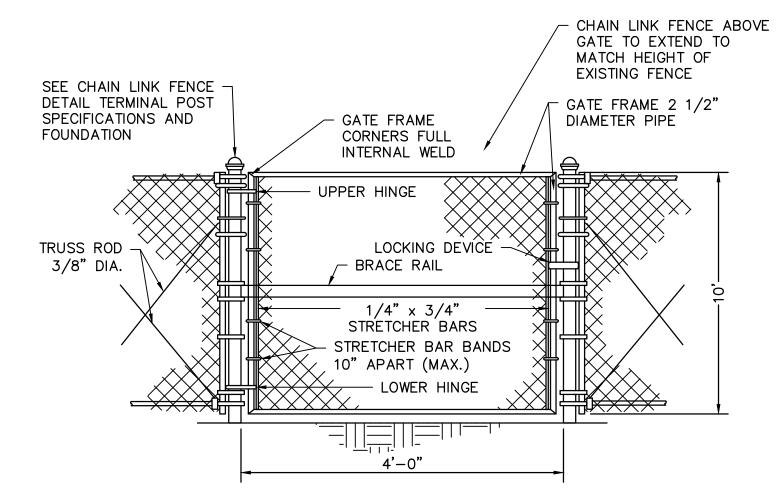
- 1. ALL STEEL PARTS SHALL BE HOT-DIPPED GALVANIZED STEEL.
  2. CHAIN LINK FABRIC SHALL BE ATTACHED TO TOP AND BOTTOM RAIL AND LINE POSTS BY MEANS OF 9-GAUGE, VINYL COATED TIE WIRE, DOUBLE WRAPPED @ 15" INTERVALS ON POSTS AND 24" INTERVALS ON RAILS
- 3. ALL PIPE SHALL BE DOMESTIC PIPE.
- 4. ALL FENCE POSTS SHALL BE PLACED AS NOT TO UNDERMINE BELOW-GRADE PRODUCT PIPING AND ELECTRICAL CONDUIT.
- 5. EACH POST SHALL HAVE A TOP SO DESIGNED AS TO EXCLUDE MOISTURE FROM THE POST.
  6. TOP RAIL SHALL BE PROVIDED WITH A BRACE RAIL BETWEEN EACH TERMINAL POST & NEXT
- ADJACENT LINE POST.

  7. INSTALLATION OF FENCING SHALL MEET THE REQUIREMENTS OF ASTM STANDARD PRACTICE F-567 ON INSTALLATION OF CHAIN LINK FENCE.
- 8. RAIL PLACEMENT VARIES. REFER TO "CHAIN LINK FENCE ELEMENT SIZE TABLE" BELOW FOR PLACEMENT LOCATIONS.

CHAIN LINK FENCE ELEMENT	SIZE TABLE	
FABRIC HEIGHT	10'-0"	
LINE POST Ø	3-1/2"	
TERMINAL POST Ø	3-1/2"	
RAIL Ø	2"	
FOOTING, DEPTH/POST EMBEDMENT	4'-0"/3'-6"	
FOOTING DIAMETER	16"	
RAIL PLACEMENT TERMINAL SECTIONS	TOP, MID, BOTTOM	
RAIL PLACEMENT LINE SECTIONS	TOP, MID, BOTTOM	

# CHAIN LINK FENCE

N.T.S.

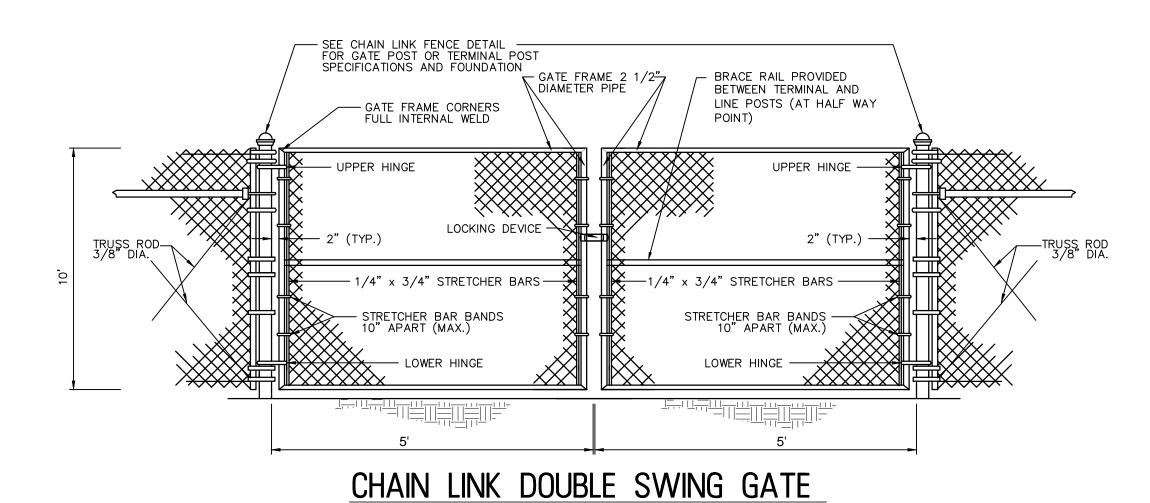


<u>NOTES:</u> 1. SEE CHAIN LINK FENCE DETAIL FOR MESH, POSTS, SELVAGE AND FINISH

REQUIREMENTS.

2. INTERMEDIATE RAIL SHALL BE INCLUDED AND SIZED ACCORDING TO TERMINAL SECTION REQUIREMENTS AS SPECIFIED IN THE CHAIN LINK FENCE

4' SINGLE SWING GATE
N.T.S.



RVE

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DATE: 7-18-2024

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10. REVISION DATE BY CHK

ON DETAILS

WARINANCO PARK

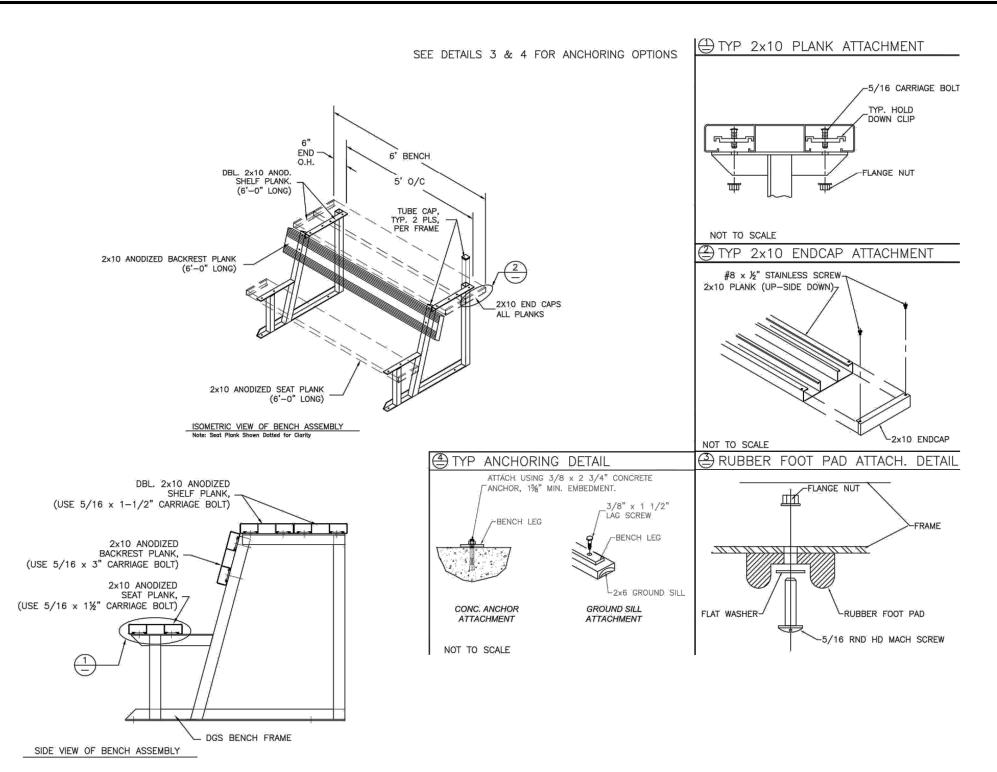
NNIS COURTS IMPROVEMENT

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 AS NOTED

 DATE :
 02/13/2024
 SHEET No. :
 C-11



- 1. PLAYER BENCH SHALL BE 6' ALL-ALUMINUM PLAYER'S BENCH WITH BACK AND SHELF, ITEM 569-1226, AS MANUFACTURED BY THEPARK AND FACILITIES CATALOG, (866) 280-9894, WWW.THEPARKCATALOG.COM, OR APPROVED
- 2. PLAYER'S BENCH SHALL BE SURFACE MOUNTED TO CONCRETE PAD. 3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- 4. ALL HARDWARE REQUIRED FOR INSTALLATION SHALL BE INCLUDED IN THE UNIT PRICE FOR PLAYER'S BENCH.

# PLAYER'S BENCH DETAIL



# **Product Name**

# **AcoustiFence® Noise Reducing Fences**

# **Physical Properties**

- Barium free
- Minimum STC 28 per ASTM E90-02 & ASTM E413-87
- Minimum sound attenuation 24 dBA @ 100Hz & 16dBA @ 40Hz
- Size 6 ft.(1.83m) x 30 ft.(9.14m) x 0.125 in. (.3mm) 180 ft<sup>2</sup> (16.83m<sup>2</sup>)
- Color black or green
- High UV resistance
- Heat tolerance: 200°F (93°C) for 7 days, less than 1% shrinkage with no deformation.
- Freezes at -40°F (-40°C). Do not unroll or flex frozen material. Properties not affected by freeze/thaw
- No fungal or algal growth and no visible disfigurement, per ASTM D3273 and ASTM D3274 (rating=10)
- Tensile Strength min. 365 PSI
- Weight per section: 185 lbs. (84Kg)

# Material Specifications - Part # "Acoustifence 6x30 Industrial"

material opeon	Tate # Production of Oxford industrial			
Acoustical Rating	STC 28 / OITC 22			
Size	6 ft. (1.83m) x 30 ft. (9. 14m) x 0.125 in .(3mm) 180 ft² (16.72m²)			
Weight	185 lbs. (84Kg)			
Fastening	Black brass grommets every 6 in. (152mm) along top edge with four grommets spaced along the bottom edge. Commonly installed horizontally.			
Color	Black			
(This is an industrial product and minor surface blemishes are a				



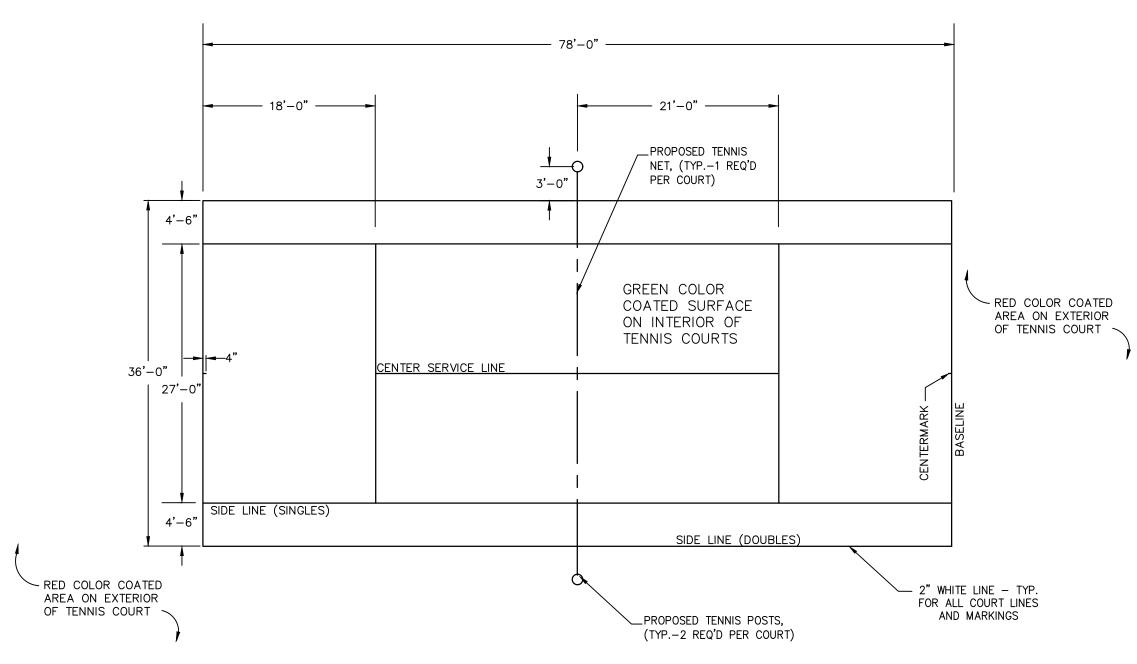
Information herein is, to the best of our knowledge and belief, accurate. However, since conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material/product. All material/products may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards are that exist. Final determination of suitability of this material/product is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any nature are made hereunder with respect to the information contained herein or the material/product to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. Specifications subject to change

Acoustiblok, Inc. | 6900 Interbay Blvd. Tampa, FL 33616 | (813) 980-1400

# NOTES:

- 1. ACOUSTIFENCE FENCE PANELS SHALL BE ACOUSTIBLOCK, INC, AS MANUFACTURED BY ACOUSTIBLOK, (813) 980-1400, WWW.ACOUSTIBLOCK.COM, OR APPROVED EQUAL. COLOR: GREEN.
- 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- 3. ALL HARDWARE REQUIRED FOR INSTALLATION SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM "ACOUSTIFENCE

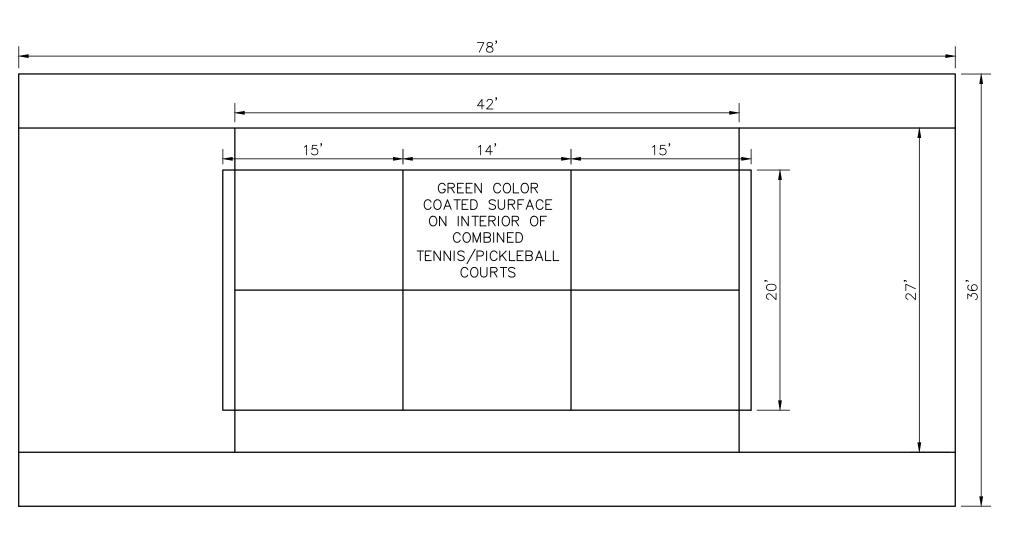
# ACOUSTIFENCE PANEL DETAIL



NOTES:

1. CONTRACTOR SHALL HAVE COURT COLORS APPROVED BY OWNER PRIOR TO PERFORMING WORK.

# TENNIS COURT STRIPING DETAIL



- 1. ALL DIMENSIONS ARE TO THE OUTSIDE EDGE OF LINES.
- 2. ALL PLAYING LINES ARE 2" WIDTH SOLID WHITE. 3. NET HEIGHT SHALL BE 36" HIGH AT SIDELINE AND 34" AT CENTER OF COURT.
- 4. COLORS REFERENCE TO LAYKOLD COLOR CHART OR APPROVED EQUAL AND ARE TENTATIVE COLORS SELECTIONS. OWNER WILL CONFIRM COLORS DURING SHOP DRAWINGS REVIEW PROCESS.

# PICKLEBALL & TENNIS COURT PLAYING LINE LAYOUT



REMINGTON & VERNICK **ENGINEERS** 

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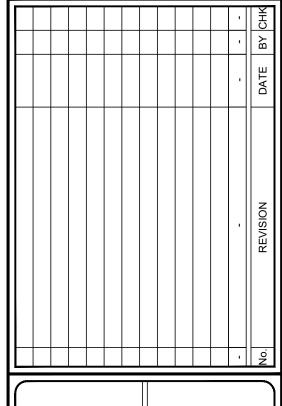
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WARINANCO PARK COURTS IMPROVEMENT

DRAWN BY: DESIGN BY: CHECKED BY: SCALE ACF ACF JH AS NOTED DATE: SHEET No.: 02/13/2024 JOB No.:

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