REGAN YOUNG ENGLAND BUTERA REFERENDUMS • ENGINEERING • ARCHITECTURE • DESIGN

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REQUEST FOR QUOTATION

EXTERIOR SCOREBOARD INSTALLATION

MARY S. SHOEMAKER SCHOOL

201 EAST MILLBROOKE AVENUE WOODSTOWN, NEW JERSEY 08098



WOODSTOWN-PILESGROVE REGIONAL SCHOOL DISTRICT 135 EAST AVENUE WOODSTOWN, NEW JERSEY 08098 (8569) 759-0144

REGAN YOUNG, AIA NEW JERSEY REGISTRATION NO. 21A00912100 RYEBREAD PROJECT 5652B 09 JUNE 2020

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SECTION 001000 - INSTRUCTIONS TO BIDDERS

PART 1 - GENERAL

Refer to Sections of Divisions 00 and 01 for additional information that may affect the preparation of bids. These Sections contain information pertaining to:

 Time, date and place for receipt of bids.

Time, date and place 10 Time for completion.

Substitution of materials.

Alternate prices, allowances, unit prices. Other conditions pertaining to the Work.

BIDDING DOCUMENTS

Bidding Documents consist of:

The Project Manual containing:

Table of Contents. List of Drawings. Instructions to Bidders.

BID PREPARATION

 The bids shall cover all cost of any nature, incident to and growing out of the work. In explanation but not in limitation thereof, these costs shall include the cost of all work, labor, materials, equipment, transportation and cost of all else necessary to perform and complete the Project in the manner and within the time required, all incidental expenses in connection therewith, all costs on account of loss by damage or destruction of the Project, to the extent that the cost of such loss is not recovered from insurance carried by the Owner and the Contractor, and any additional expenses for unforeseen difficulties encountered, for settlement of damages and for replacement of defective work and materials.

Bidders are referred to the FORM OF QUOTATION, Section 002000, as the official bid form. Bidders are required to clearly fill out all required lines and leave no blank spaces. Numerical input shall include figures in written and numerical form. In the event of a discrepancy, the written form shall govern.

Prior to submitting a bid, Bidder shall examine and thoroughly familiarize himself/herself with all of the following:

The Bidding Documents.

All applicable laws, ordinances, rules and regulations which may affect the Work.

The Site and all existing Work, buildings, utilities, roads, etc.

That the bidding Contractor can secure the necessary labor and equipment and that the materials specified herein may be obtained in the quantities and in the time required by the Contract.

All other conditions that may affect the Work.

Drawings and Specifications have been prepared on the basis of surveys and inspections of the Site and are intended to present an essentially accurate indication of the physical conditions at the Site. This shall not relieve the Bidder of the necessity of fully informing himself/herself as to the existing conditions at the site. The failure or omission of any Bidder to receive or examine any form instrument or document or to visit the site and acquaint themself with conditions there existing, shall not relieve any Bidder from obligation with respect to his bid.

If a Bidder finds discrepancies or ambiguities in, or omissions from the Documents, or if he/she is in doubt as to their meaning, he/she shall notify the Architect in writing. Failure to report any discrepancies, ambiguities, and/or omissions in the manner herein prescribed constitutes a waiver of any claim for additional compensation arising out of any and all additional work and/or materials necessary as a result of the Architect's decision(s) clarifying said discrepancies, ambiguities and/or omissions. If properly notified, the Architect will, if necessary, send written Addenda to all Bidders of Record. Direct inquiries to:

Scott Charles England, AIA REGAN YOUNG ENGLAND BUTERA, PC 456 High Street Mt. Holly, NJ 08060 (609) 265-2652/0300 Fax sce@ryebread.com

VISITATION OF EXISTING SITE

Visit to the existing site may be arranged by calling:

Joe Biluck at (856) 900-2586

ORAL EXPLANATIONS

Oral explanations or instructions given before Award of Contract will not be binding. All authorized interpretations will be made by written Addenda.

ADDENDA

 Written Addenda making changes or corrections to the Bidding Documents after they have been issued will be sent, if required, to Bidders of Record. Such Addenda shall take precedence over that portion of the Bidding Documents concerned and shall become a part of the Contract Documents. The failure to provide the additional notice to bidders shall not serve to void the award of the Contract(s). In accordance with N.J.S.A 40A:11-23, Addenda shall be issued to reach registered Bidders at least 7 days prior, Saturdays, Sundays and holidays excepted, to the Date for Receipt of Bids. It is the responsibility of the Bidder to ascertain that he/she has received all issued Addenda, prior to submission of the bid.

<u>Receipt</u> of all Addenda shall be acknowledged by the Bidder on the FORM OF BID in the space provided. Failure to acknowledge Addenda may be cause for rejection of the bid.

BUSINESS REGISTRATION OF PUBLIC CONTRACTORS

Pursuant to N.J.S.A.52:32-44, as set forth above, the bidder shall submit a copy of their Business Registration Certificate as well as each of their subcontractors or suppliers anticipated to be used in the fulfillment of the contract.

 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.

OWNER'S RIGHT TO ADDITIONAL INVESTIGATION

The Owner may make such additional investigations as it deems necessary to determine the ability of the Bidder to perform the work, and the Bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy the Owner that he is properly qualified to carry out the obligations of the Contract and to complete the work contemplated therein.

TIME FOR COMPLETION

Time for completion as indicated in the FORM OF QUOTATION.

BIDDER'S LEGAL NAME

The Bidders legal name, address and telephone number shall be stated in full on the FORM OF BID. The Bid shall be signed in ink by a Principal duly authorized to bind the Bidder in contracts.

Bids by Partnerships shall indicate the full names of all partners and shall be signed in the partnership name by one of the partners or by a duly authorized representative followed by the designation of the person signing.

Bids by Corporations shall have the name of the corporation followed by the State of Incorporation and the designation of the corporate officer authorized to bind the corporation in this matter. Disclosure by the bidder must be continued until the individual names and addresses of every non-corporate stockholder and individual partner exceeding the 10% ownership criteria has been listed. (N.J. S.A.52:25-24.2).

DOCUMENTS ACCOMPANYING BID

1 Refer to Section 002000 - FORM OF QUOTATION for a list of all documents required to be 2 submitted with the bid along with the required number of copies. 3 E-MAILED BID PROPOSALS 5 6 Addressed to: 7 8 Rose Chin, School Business Administrator/Board Secretary WOODSTOWN-PILESGROVE REGIONAL SCHOOL DISTRICT 9 10 135 East Avenue 11 Woodstown, New Jersey 08098 12 856-769-0144, ext. 22251 chin.r@woodstown.org 13 14 15 Electronic (e-mail) submissions shall be accepted. 16 17 The Bidder assumes full responsibility for bids mailed or misdirected in delivery. The Owner is not responsible for any Bids that fail to arrive within the time specified by the 18 19 ADVERTISEMENT regardless of fault. 20 21 The award of the Contract(s) or rejection of all bids must be made within sixty (60) days of the 22 bid opening. 23 24 Award made to a Bidder whom is not a resident of the State of New Jersey is conditioned upon 25 Bidder designating a proper agent in the State on whom service can be made in the event of 26 litigation. 27 28 If the successful bidder is a corporation not organized under the laws of New Jersey, the award of 29 Contract and payment of consideration thereunder shall be conditioned upon Corporation 30 promptly filing a certificate of doing business in the State of New Jersey pursuant to the 31 provisions of New Jersey law. 32 33 WITHDRAW OR MODIFICATION OF BID 34 35 No Bids may be withdrawn or modified after the time set for receipt of bids and for a period of 36 60 calendar days thereafter without consent of the Owner. 37 38 INFORMALITIES IN BID PROPOSALS 39 40 The Owner reserves the right to reject any or all bids, and to waive any bid requirements and/or 41 any non-material bid defects, where such rejection or waiver is in the best interests of the Owner, 42 and where such rejection or waiver is permitted by law. 43 44 CHALLENGES TO BID SPECIFICATIONS 45 46 Any prospective bidder who wishes to challenge a bid specification shall file such challenges in 47 writing with the Business Administrator and the Architect no less than three (3) days prior to the 48 opening of bids. Challenges filed after that date shall be considered void and having no impact 49 on the award of a contract.

AMERICAN GOODS

In accordance with N.J.S.A. 40A:11-18, only manufactured products of the United States, wherever available, and where possible are to be used with this project.

EQUIVALENT PRODUCTS: The use of manufacturers' brand names, catalogue numbers and similar proprietary identifying data in the Contract Documents are not intended to eliminate from consideration products that are equivalent in quality, appearance and function to those specified.

NON-COLLUSION AFFIDAVIT. Pursuant to N.J.S.A. 52:34-15, each bidder shall submit with their bid a Non-Collusion Affidavit in the form bound herein.

LAW AGAINST DISCRIMINATION

All contracts related to the project, whether between Owner and Contractor or Contractor and Subcontractors, shall comply with the anti-discrimination provisions of N.J.S.A. 10:2-1 *et seq.*, the New Jersey Law Against Discrimination, N.J.S.A 10:5-31 et seq., N.J.A.C. 17:27, N.J.A.C. 6A:7-1.8.

Pursuant to N.J.S.A. 10:2-1:

a. In the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates;

b. No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex;

 c. There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of \$50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract; and

d. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this section of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this section of the contract.

NEW JERSEY PREVAILING WAGE RATE: Bidders are required to comply with the State prevailing wage rate for public works, Chapter 150 Laws of 1963, N.J.S.A. 34:11-56.25 et seq.

PUBLIC WORKS CONTRACTOR REGISTRATION: In accordance with the "Public Works Contractor Registration Act" (N.J.S.A. 34:11-56.51) each bidder is required to be registered pursuant to the Act at the time of the bid and in accordance with N.J.S.A. 34:11-56.55 shall submit their certificate prior to awarding of the contract.

In accordance with N.J.S.A. 34:11-56.27, (a) bidders shall pay workers not less than the prevailing wage rate; (b) in the event it is found that any worker, employed by the contractor or any subcontractor covered by said contract, has been paid a rate of wages less than the prevailing wage required to be paid by such contract, the Owner 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.

Pursuant to N.J.S.A. 34:11-56.51, a contractor must be registered pursuant to the Public Works Contractor Registration Act in order to bid on a contract. All listed subcontractors must also be registered at the time the bid is submitted.

NEW JERSEY LOCAL UNIT PAY TO PLAY LAW: Bidders are advised to comply with the disclosure requirements of N.J.S.A 19:44A-20.4 et seq.

20 RESIDENT CITIZENS; PREFERRED IN EMPLOYMENT ON PUBLIC WORKS 21 CONTRACTS

All bidders are to familiarize themselves with N.J.S.A. 34:9-2, which requires the contractor of any public work project to give preference in employment on the project, to citizens of the state of New Jersey. If the terms and conditions of N.J.S.A. 34:9-2 are not complied with, the contract shall be voidable.

CERTIFIED PAYROLL RECORDS

The bidder to whom the contract has been awarded agrees to submit certified payroll records to the public body for each payroll period within ten (10) days of payment of wages in accordance with current New Jersey Statutes. Copies of certified payroll forms may be obtained by calling or writing or calling the following agency:

NEW JERSEY DEPARTMENT OF LABOR Division of Workplace Standards Public Contracts Section CN 389 Trenton, New Jersey 08626-0389 (609) 292-2259

RECORDS RETENTION

In accordance with N.J.A.C. 17:44-2.2 Bidders shall maintain all documentation related to products, transactions or services under this contract for a period of five years from the date of final payment. Such records shall be made available to the New Jersey Office of the State Comptroller upon request.

PARTS 2 AND 3 (Not Applicable)

1 2 3

END OF SECTION 001000

1 **SECTION 002000 - FORM OF QUOTATION** 2 **OUOTATION DUE DATE: 15 JULY 2020 at 10:00** 3 AM. – send via email to chinr@woodstown.org 4 5 6 TO: 7 Rose Chin, School Business Administrator/Board Secretary WOODSTOWN-PILESGROVE REGIONAL SCHOOL DISTRICT 8 9 135 East Avenue 10 Woodstown, New Jersey 08098 11 856-769-0144, ext. 22251 chin.r@woodstown.org 12 13 14 15 FROM: 16 _____ (NAME) 17 (ADDRESS) (CITY, STATE, ZIP) 18 19 (PHONE/FAX NUMBER) 20 (EMAIL ADDRESS) 21 22 23 Operating as an individual, a partnership, corporation under the laws of the State of New Jersey 24 25 (Input words that apply) 26 27 28 29 PROPOSAL FOR: RYEB PROJECT NO. 5652B 30 31 EXTERIOR SCOREBOARD INSTALLATION 32 Mary S. Shoemaker School 33 201 East Millbrooke Avenue 34 Woodstown, New Jersey 08098 35 **QUOTATION DOCUMENTS** 36 37 38 All work must be completed in accordance to the following documents and 39 Exhibits: 40 41 1. Drawing A1.0, dated 09 June 2020 and prepared by RYEBREAD Architects. 42 43 2. Drawings S1 & S2, dated 09 June 2020 and prepared by SE2 44 Engineering. LLC.

		WORK SCHEDUL	<u>E</u>	
The V		shall start on or about 01 August 2020 and be 0.	e completed by no late	er than 28
		BID QUOTATIONS		
project become of the Understranspo	t and te fam work, signed ortatio	Pursuant to and in compliance with your request contract, and having examined the site where the iliar with local conditions as they may, in any way, and having carefully examined the specification Bidder hereby agrees to provide all plant, labor and other facilities necessary and proper for, d satisfactory execution of work. For a one-time lunch	work is to be located, a y, affect the cost and/or s and drawings named or, materials, supplies e or incidental to, or re	execution above, the equipment,
			(\$)
CONS	TRUC	CTION DURATION (CALENDAR DAYS))
an "X	" in to	DOCUMENTS ACCOMPANYING QUALITY IN CONTROL OF THE PROPERTY OF T	n the order listed below provide all required d	ocuments
	1.	Form of Quotation.		
	2.	Business Registration of Public Contractors for Taxation.	rom the New Jersey D	oivision of
	3.	Affirmative Action Evidence: Section 002850.		
	4.	Ownership Certificate: Section 002900 or simi corporation.	lar if Bidder is a partne	ership or a
	5.	Non-Collusion Affidavit: Section 002950.		
	6.	Form of certification stating that bidder is not disqualified under N.J.A.C. section 19:32-1.8. S	•	spended or
П	7.	Disclosure of Investment Activities in Iran. Sect	ion 002980.	

1	8. Contractor's Sworn Contractor Certification. Section 004580; and
2 3	Credentials A, B & C listed below must be stapled to this certification.
4 5 6 7	A. "Contractor Registration Certificate" from the New Jersey Department of Labor in accordance with the "Public Works Contractor Registration Act."
8 9	B. "Certificate of Authority" issued by the Department of Treasury. C. Contractor or trade license.
10	9. Political Contributions Disclosure Form: Section 004590.
11	10. Prevailing Wages Certification Form: Section 004595.
12	11. List of Prime Subcontractors, (if any).
13	For each Prime subcontractor listed, attached a copy of:
14 15 16	A. Business Registration of Public Contractors from the New Jersey Division of Taxation.
17	B. Contractor's Sworn Contractor Certification. Section 004580; and
18 19 20	Credentials 1, 2 & 3 listed below must be stapled to this certification.
21 22 23	1. "Contractor Registration Certificate" from the New Jersey Department of Labor in accordance with the "Public Works Contractor Registration Act."
24 25	2. "Certificate of Authority" issued by the Department of Treasury.
26	3. Contractor or trade license.
27 28 29 30 31	THE UNDERSIGNED BIDDER HAS COMPLIED with all requirements concerning licensing and with all Local, State and Federal laws. No legal requirement has been violated in making this Proposal nor will be violated in the execution of the Work if this Proposal is accepted.
32 33 34 35	In addition, the undersigned hereby certifies that there has been no material adverse change in the qualification information last submitted to the New Jersey Department of Treasury pursuant to N.J.S.A. 18A:18A-28.
36 37	IT IS UNDERSTOOD that the right is reserved by the Owner to reject any and all bids and to waive all informalities in connection therewith as may be permitted by law.
38 39 40 41	IT IS AGREED THAT THIS BID MAY NOT BE WITHDRAWN for a period of 60 days after the actual date of receipt of bids.

by number and date):	<u>DDENDA</u> 1S ac	knowledged by	the Undersi	gned bidder ()
ADDENDUM NO. DATED	ADDE	ENDUM NO.	<u>DATED</u>	
Respectfully submitted, this		day of		20
				_(Name of Fi
	By:]
*(SEAL IF BIDDER IS A CORPORATION)				
END OF SECTION 002000				

1	SECTION 002850 - AFFIRMATIVE ACTION EVIDENCE FOR CONSTRUCTION
2	<u>PROJECTS</u>
3	
4	
5	Bidder shall complete this form and submit it with his/her bid proposal.
6 7	Durguent to N.I.S. A. 10:5-21 at any and N.I.A. C. 17:27 all suppossful hiddens are required to
8	Pursuant to N.J.S.A.10:5-31 et. seq. and N.J.A.C.17:27, all successful bidders are required to submit evidence of appropriate Affirmative Action compliance to the Division of Public
9	Contracts Equal Employment Opportunity Compliance (hereafter referred to as "Division") and
10	the awarding Public Agency. During a review, the Division representatives will review the Public
11	Agency files to determine whether the Affirmative Action evidence has been submitted by the
12	vendor/contractor. Specifically, each vendor/contractor shall submit to the Public Agency, prior
13	to execution of Public Agency contract the following documents within seven (7) days after
14	receipt of the notification of intent to award the contract or receipt of the contract, whichever is
15	sooner:
16	sooner.
17	The construction contractors shall complete and submit an Initial Project Workforce Report Form
18	AA-201 upon notification of award. Proper completion and submission of this report shall
19	constitute evidence of the contractor's compliance with the regulations. Failure to submit this
20	form may result in the contract being terminated. The contractor also agrees to submit a copy of
21	the Monthly Project Workforce Report Form AA-202 once a month thereafter for the duration of
22	the contract to the Division and to the public agency compliance officer.
23	
24	After notification of award, but prior to signing a construction contract the EEO/AA evidence
25	must be submitted.
26	
27	Upon award of a construction contract, it shall be the responsibility of the Public Agency to
28	provide the contractor with Form AA-201, Initial Project Workforce Report. The Division does
29	not supply this form to the contractor.
30	
31	Failure on the Contractor's part to comply with their requirements of N.J.S.A. 10:5-31 et. seq.
32	and N.J.A.C. 17:27 that result in sanctions and/or penalties against the Public Agency from the
33	Division agree to pay all costs and expenses incurred by the Public Agency.
34	
35	The undersigned contractor certifies that he/she is aware of the commitment to comply with the
36	requirements of N.J.S.A. 10:5-31 et. seq. and N.J.A.C. 17:27 and agrees to furnish the required
37 38	documentation pursuant to the Law.
30	
39	Signed, sealed and dated this day of 20
40	(Company)
41	(Signature)
42	(Signature)
43	(Title)

1 EXHIBIT B
2

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

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.

agrees to post in conspicuous places, available to employees and applicants for employment,

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 N.J.S.A. 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 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 N.J.A.C. 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

(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.

(Revised: January 2016)

END OF SECTION 002850

1 SECTION 002900 - STATEMENT OF OWNERSHIP DISCLOSURE

2	PART 1	- GENERAL
3	1.1	ORGANIZATION INFORMATION
4 5	A.	Provide the following as per N.J.S.A. 52:25-24.2 (P.L. 1977, c.33, as amended by P.L. 2016, c.43).
6 7 8	В.	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.
9		Organization Name:
10		Organization Address:
11		
12	C.	Type of Business Organization
13		1. Check the box that represents the type of business organization:
14		Sole Proprietorship (skip PARTS 2 and 3, execute certification in PART 4)
15 16		Non-Profit Corporation (skip PARTS 2 and 3, execute certification in PART 4)
17		For-Profit Corporation (any type) Limited Liability Company (LLC)
18 19		Partnership Limited Partnership Liability Partnership (LLP)
20		Other (be specific):
21	PART 2	- STOCKHOLDER INFORMATION
22	2.1	LIST OF CORPERATION STOCKHOLDERS
23	A.	Percentage Amount
24		1. Check the box that represents the corporation's stockholder percentages:

1 2 3 4 5 6	corporation who of individual partner interest therein, of a 10 percent or g	ontains the names and addresses of all stockholders in the own 10 percent or more of its stock, of any class, or of all rs in the partnership who own a 10 percent or greater of all members in the limited liability company who own reater interest therein, as the case may be. (COMPLETE OW IN THIS SECTION)
7	(Please attach additional sheets if more s	
	Name of Individual or Business Entity	Home Address (for Individuals) or Business Address
8 9 10 11 12	of any class, or no greater interest th	er in the corporation owns 10 percent or more of its stock, o individual partner in the partnership owns a 10 percent or erein, or no member in the limited liability company owns greater interest therein, as the case may be. (SKIP TO
13	PART 3 - STOCKHOLDER DISCLOS	SURE
14	3.1 DISCLOSURE OF 10% OR	GREATER OWNERSHIP
15 16	A. Disclosure of 10% or greate listed in PART 2.	r ownership in the stockholders, partners or llc members
17 18 19 20 21 22 23 24 25	person holds a 10 per parent entity as of the (SEC) or foreign equivalents to the website(securities and Exchar- name and address of each the publicly traded parts	or indirect parent entity which is publicly traded, and any recent or greater beneficial interest in the publicly traded e last annual federal Security and Exchange Commission ralent filing, ownership disclosure can be met by providing s) containing the last annual filing(s) with the federal age Commission (or foreign equivalent) that contain the ach person holding a 10% or greater beneficial interest in rent entity, along with the relevant page numbers of the e information on each such person.
26	(Please attach additional sheets if more	space is needed):

Website (URL) containing the last annual SEC (or foreign equivalent) filing	Page #'s

2. 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 2 other than for any publicly traded parent entities referenced above. The disclosure shall be continued until names and addresses of every non-corporate 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.

(Please attach additional sheets if more space is needed):

1 lease attach additional sheets if more space is needed).				
Stockholder/Partner/Member & Corresponding Entity	Home Address (for Individuals) or Business Address			
Listed In PART 2				

9 PART 4 - CERTIFICATION

1

2

3

4

5

6

- 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.
- A. I acknowledge: that I am authorized to execute this certification on behalf of the bidder/proposer; that the OWNER 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 the OWNER to notify them in writing of any changes to the information contained herein;
- B. 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 OWNER to declare any contract(s) resulting from this certification void and unenforceable.

1	Full Name (Print):
2	Title:
3	Signature:
4	Date:
5	
6	
7	END OF CECTION 002000
8	END OF SECTION 002900

STATE OF NEW JERSEY		
County of Salem, Ov	vner: Woodstown-Pilesgrove B	ВоЕ
Ι,	of	(Municipalit
in the County of of full age, being duly sworn	according to law on my oath de	nd the State ofepose and say that:
with full authority so to do agreement, participated in a competitive bidding in concontained in said Bid and in the above named Owner relistatements contained in this a I further warrant that no performance in the performance of the contained in the performance of the contained in the containe	that said Bidder has not, dir iny collusion, or otherwise tal nection with the above name this affidavit are true and correct es upon the truth of the statement affidavit in awarding contract for	nd that I have executed the said B rectly or indirectly, entered into ar iken any action in restraint of freed Project; and that all statement, and made with full knowledge the ents contained in said Bid and in the or the said Project.
		ling for a commission, percentage bona fide established commercial
brokerage or contingent fee,	except bona fide employees or y	ling for a commission, percentage bona fide established commercial
orokerage or contingent fee, elling agencies maintained b	except bona fide employees or	ling for a commission, percentage bona fide established commercial (Bidde
brokerage or contingent fee, selling agencies maintained b	except bona fide employees or	ling for a commission, percentage bona fide established commercial
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brokerage or contingent fee, selling agencies maintained by By: By: Subscribed and sworn to before day of State of	except bona fide employees or by	ling for a commission, percentage bona fide established commercial (Bidde(Type nam)

SECTION 004580 - SWORN CONTRACTOR CERTIFICATION REQUI	<u>REMENTS</u>
In accordance with N.J.S.A. 40A, a prequalified contractor seeking to bid p	ublic facilities
projects, and any subcontractors, required to be named under N.J.S.A. 40A.	
condition of bidding, submit this Sworn Contractor Certification regard	
credentials.	ing quantications and
Cicucitals.	
By signing and submitting this Sworn Contractor Certification the principal	al Owner or Officer o
the Company or Corporation certifies that the firm has the following	
credentials:	ig quannications and
credentials.	
Credentials 1 2 fr 2 listed below must be stanled to this ear	tification
Credentials 1, 2 & 3 listed below must be stapled to this cer	uncation.
(1) A current, valid certificate of registration issued pursuant to "The Public	Works Contractor
Registration Act", P.L. 1999, c.238 (C.34:11-56.48 et seq), N.J.S.A. 34:11-	50.48 et seq., a copy
of which is attached hereto;	
(2) A	
(2) A current, valid "Certificate of Authority to perform work in New Jerse	y issued by the
Department of Treasury, a copy of which is attached hereto;	
	T T 0
3) A current, valid contractor or trade license required under applicable Ne	
rade or specialty area in which the firm seeks to perform work, a copy of w	hich is attached
nereto;	
(4) During the term of construction, I as principal Owner or Officer	
corporation, as contractor, will have in place a suitable quality control	and quality insuranc
program and an appropriate safety and health plan.	
As the principal Owner or Officer of the company or corporation, I certi	
bidding this project, the amount of the bid proposal and the value of all t	
incomplete contracts does not exceed the firm's existing aggregate rating lin	mit.
Company:	
(Signature)	
(Print Name)	
Date:	
Corporate Seal	

Sworn and subscribed before	e me this	
day of		20
NOTARY PUBLIC		
	(Signature)	
	(Print Name)	
		SEAI
Notary Public - State of		
My Commission Expires		
END SECTION 004580		

SECTION 004590 – POLITICAL CONTRIBUTIONS DISCLOSURE FORM

The undersigned	, being authorized ar	nd knowledgeable of the circums	tances, does hereby certify
that made the follow	ing reportable polit	tical contributions to any elected ed in N.J.S.A. 19:44-20.26 duri	(Business Entity) has official, political candidate
	<u>R</u>	eportable Contributions	
<u>Date of</u> <u>Contribution</u>	Amount of Contribution	Name of Recipient Elected Official/ Committee/Candidate	<u>Name of</u> <u>Contributor</u>
_		onal pages if needed. Please check (✓) if applicable.)	(Business Entity)
made no reportal	ble contributions to ned in N.J.S.A. 19:4	o any elected official, political 4-20.26.	
CERTIFICATI	<u>ON</u>		
I certify, that the Chapter 271.	e information provid	ded above is in full compliance	e with Public Law 2005—
Name of Authoriz	zed Agent:		
Signature:			
Title:			
Business Entity:			

END OF SECTION 004590

		TION REGARDING THE DEBARMENT, SUSPENSION BILITY AND VOLUNTARY EXCLUSION
I am		of the firm of (name of your organization)
	(title)	(name of your organization)
	(state t	he address of your organization)
	CHOO	SE ONE OF THE FOLLOWING
() A	. I hereby certify on behalf	ofthththth
		s are included on any State or Federal Government's aded, or Disqualified Bidders as a result of action eral Agency.
() B	. I am unable to certify to a attached an explanation to	ny of the statements set forth in this certification. I have this form.
		(SEA
		(Signature)
		(Type Name & Title)
		(Date)
is on th List, or or the F neither	e State Department of Labo State of New Jersey Conso Sederal System for award –S it nor its principals are inclu	a Contract for work with any person, company, or firm the rand Workforce Development, Prevailing Wage Debarmed lidated Debarment Report (eee.state.nj.us/treasury/debarred SAM.gov. By certifying this Form, the Contractor confirmed on any State or Federal Government's List of Debarred as a result of action taken by any State or Federal Agency.
Subscri	ped and sworn to before me	his
	_day of	20
END O	F SECTION 002970	

SECTION 004595 - PREVAILING WAGES CERTIFICATION FORM

It is the determination of the Board of Education that this is a public works project that in total will exceed \$2,000.00 (two thousand dollars), therefore prevailing wages rules and regulations apply as promulgated by the New Jersey Prevailing Wage Act and in conformance with N.J.S.A. 34:11-56:25.

CERTIFICATION

- 1. I certify that our company understands that this project of the Board of Education requires prevailing wages to be paid in full accordance with the law.
- 2. I further certify that all subcontractors named in this bid understand that this project requires the subcontractor to pay prevailing wages in full accordance with the law.

NOTIFICATION OF VIOLATIONS - New Jersey Department of Labor

Has the bidder or any person having an "interest" with the bidder, been notified by the New Jersey Department of Labor by notice issued pursuant to N.J.S.A. 34:11-56:37 that he/she has been in violation for failure to pay prevailing wages as required by the New Jersey Prevailing Wage Act within the last five (5) years?

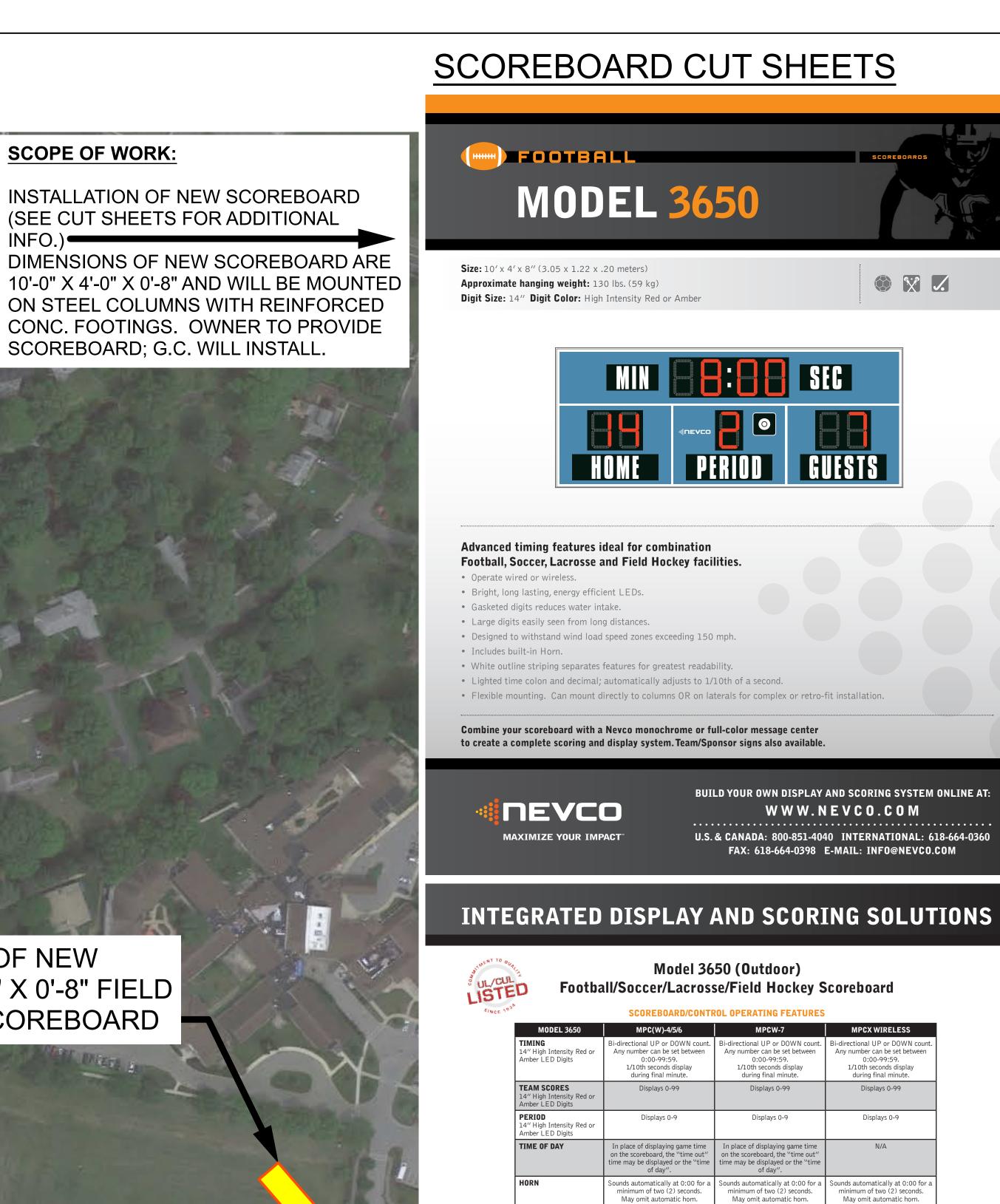
· ·		` / •		
	* Yes		No	
*If yes, please a NJDOL within	_		or all admii	nistrative proceedings with the
Please include a	any pending	administrative proceedings w	vith the NJI	OOL, if any.
Name of Compa	any:			
Authorized Age	ent:			
Authorized Sign	nature:			

END OF SECTION 004595

DRAWN BY:

COMMISSION NO.: 5652B

1 OF 1



MODEL 3650	MPC(W)-4/5/6	MPCW-7	MPCX WIRELESS
TIMING 14" High Intensity Red or Amber LED Digits	Bi-directional UP or DOWN count. Any number can be set between 0:00-99:59. 1/10th seconds display during final minute.	Bi-directional UP or DOWN count. Any number can be set between 0:00-99:59. 1/10th seconds display during final minute.	Bi-directional UP or DOWN count. Any number can be set between 0:00-99:59. 1/10th seconds display during final minute.
TEAM SCORES 14" High Intensity Red or Amber LED Digits	Displays 0-99	Displays 0-99	Displays 0-99
PERIOD 14" High Intensity Red or Amber LED Digits	Displays 0-9	Displays 0-9	Displays 0-9
TIME OF DAY	In place of displaying game time on the scoreboard, the "time out" time may be displayed or the "time of day".	In place of displaying game time on the scoreboard, the "time out" time may be displayed or the "time of day".	N/A
HORN	Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.	Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.	Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.
JUNCTION BOX	One (1) 4" x 2 1/8" x 2 1/8" with cover, to be installed in dry location (press box), furnished.	N/A	N/A
CONTROL CABLE	One (1) length required of 2-WIRE (coaxial type) ½" diameter. Order length required.	N/A	N/A
SEGMENT TIMING	Supported.	Supported.	Requires MPCX segment timer control.

Four (4) brackets provided for mounting. Hanging weight approximately

POWER: 120 VAC, .7 Amps, 50/60 Hz. / 240 VAC, 0.7 Amps, 50/60 Hz. Requires earth ground.

BUILT-IN LIGHTNING PROTECTION: All models feature fiber-optic

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SCOPE OF WORK:

LOCATION OF NEW

10'-0" X 4'-0" X 0'-8" FIELD

MARY S. SHOEMAKER

ELEMENTARY SCHOOL

HOCKEY SCOREBOARD

WOODSTOWN HIGH

SCHOOL

SITE PLAN

Amber LED Digits	0:00-99:59. 1/10th seconds display during final minute.	0:00-99:59. 1/10th seconds display during final minute.	0:00-99:59. 1/10th seconds display during final minute.
TEAM SCORES 14" High Intensity Red or Amber LED Digits	Displays 0-99	Displays 0-99	Displays 0-99
PERIOD 14" High Intensity Red or Amber LED Digits	Displays 0-9	Displays 0-9	Displays 0-9
TIME OF DAY	In place of displaying game time on the scoreboard, the "time out" time may be displayed or the "time of day".	In place of displaying game time on the scoreboard, the "time out" time may be displayed or the "time of day".	N/A
HORN	Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.	Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.	Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.
JUNCTION BOX	One (1) 4" x 2 1/8" x 2 1/8" with cover, to be installed in dry location (press box), furnished.	N/A	N/A
CONTROL CABLE	One (1) length required of 2-WIRE (coaxial type) ½" diameter. Order length required.	N/A	N/A
SEGMENT TIMING	Supported.	Supported.	Requires MPCX segment timer control.

SCOREBOARD: Size 10'L x 4'H x 8"D (3.05 x 1.22 x .20 meters), constructed of aluminum. Scoreboard has 1" white outline striping.

GENERAL NOTES

GENERAL NOTES

- 1. BUILDING CODE 2018 INTERNATIONAL BUILDING CODE NJ EDITION
- 2. WIND 125 MPH EXPOSURE C, I=1.0
- 3. SEISMIC SDS=0.27 DESIGN CAT
- 4. USE PROPERLY DESIGNED SHORING, BRACING, UNDERPINNING, ETC. AS NECESSITATED BY CONDITIONS OR AS REQUIRED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION.
- 5. NO FIELD REVISIONS TO ANY STRUCTURAL COMPONENTS SHALL BE MADE WITHOUT PRIOR APPROVAL BY THE ENGINEER. THIS INCLUDES (BUT IS NOT LIMITED TO) REVISIONS DUE TO MISLOCATION, MISFIT OR ANY OTHER CONSTRUCTION EPPROP
- 6. BRACE ALL WALLS DURING CONSTRUCTION TO PREVENT DAMAGE FROM WIND, WATER, EARTH PRESSURE AND CONSTRUCTION LOADS UNTIL ALL SUPPORTING ELEMENTS ARE IN PLACE AND ARE OF SUFFICIENT STRENGTH.
- 7. NO OPENINGS SHALL BE PLACED IN ANY STRUCTURAL MEMBER (OTHER THAN AS INDICATED ON APPROVED SHOP DRAWINGS) UNTIL THE LOCATION HAS BEEN APPROVED BY THE STRUCTURAL ENGINEER.
- 8. PROVIDE SLEEVE LAYOUTS FOR ALL PIPES AND ELECTRICAL PENETRATIONS THROUGH STRUCTURAL MEMBERS (ALL TRADES ARE INCLUDED). LAYOUTS ARE TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- 9. STRUCTURAL DRAWINGS ARE TO BE COORDINATED AND USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. SEE MECHANICAL DRAWINGS FOR EQUIPMENT PADS, BASES, SUPPORTS AND DUCT PENETRATIONS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE GOVERNING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
- 11. WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES, SHALL BE REPEATED.
- 12. CONTRACTOR SHALL VERIFY AND/OR ESTABLISH ALL EXISTING CONDITIONS AND DIMENSIONS AT THE SITE.
- 13. IF THE EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH HIS PROPOSED MODIFICATION OF THE DETAILS GIVEN ON THE CONTRACT DOCUMENTS.
- 14. CONTRACTOR SHALL PROVIDE FOR DEWATERING AS REQUIRED DURING EXCAVATION AND CONSTRUCTION.
- 15. BRACING, SHEETING, SHORING, ETC. REQUIRED TO SUPPORT UTILITIES, STRUCTURE, ETC. SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER ENGAGED BY THE CONTRACTOR; DETAILED SHOP DRAWINGS SHALL BE PREPARED INDICATING ALL WORK TO BE PERFORMED.
- 16. IN NO CASE SHALL HEAVY EQUIPMENT BE PERMITTED CLOSER THAN 8 FEET FROM ANY PILE SUPPORTED STRUCTURE. IF THIS OCCURS, THE CONTRACTOR SHALL BE THE SOLELY RESPONSIBLE AND, AT HIS OWN EXPENSE, PROVIDE ADEQUATE SUPPORTS OR BRACE THE PILE SUPPORTED STRUCTURE TO WITHSTAND THE ADDITIONAL LOADS IMPOSED.
- 17. NO BLASTING SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL.
- 18. THE NOTES ON THESE DRAWINGS DO NOT REPLACE THE SPECIFICATIONS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. SHOULD A CONFLICT ARISE BETWEEN THESE NOTES AND SPECIFICATIONS, WRITTEN CLARIFICATIONS SHOULD BE REQUESTED BY THE CONTRACTOR TO THE ARCHITECT/ENGINEER. INCONSISTENCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
- 19. IF DURING THE PROGRESS OF THE WORK, THE CONTRACTOR MAY DISCOVER ANY INCONSISTENCY IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL REPORT THIS INCONSISTENCY TO THE ARCHITECT/ENGINEER. EXTRAS WILL NOT BE PERMITTED FOR CORRECTION OF DISCREPANCIES THAT COULD HAVE BEEN AVOIDED BY CAREFUL REVIEW AND THE MINOR ADJUSTMENT OF SIZE AND/OR LOCATION OF VARIOUS ITEMS.
- 20. SHOULD THE CONTRACTOR SEEK APPROVAL OF A PRODUCT OTHER THAN SHOWN OR WITHIN THE SPECIFICATIONS, THE CONTRACTOR SHALL FURNISH WRITTEN EVIDENCE THAT THE PROPOSED PRODUCT CONFORMS IN ALL RESPECTS TO THE SPECIFIED PRODUCT.
- 21. THE ENGINEER OF RECORD IS NOT AND SHALL NOT BE HELD LIABLE FOR SITE SAFETY ISSUES. THESE ARE THE RESPONSIBILITY OF THE CONTRACTOR/CONSTRUCTION MANAGER AND THEIR SUBCONTRACTORS.

CONCRETE:

1. CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH AND DENSITY, IN ACCORDANCE WITH THE FOLLOWING:

EXTERIOR SLABS, CURBS, SIDEWALKS & 4000 ALL OTHER CONCRETE (U.N.O.) 3000

- 2. SLUMP OF CONCRETE SHALL NOT EXCEED 4" UNLESS A HIGH RANGE WATER-REDUCING ADMIXTURE IS USED. THE SLUMP OF CONCRETE PRIOR TO ADDITION OF A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 4".
- 3. CONCRETE EXPOSED TO WEATHER SHALL BE AIR—ENTRAINED. AIR CONTENT SHALL BE BETWEEN 4 AND 8 PERCENT.
- 4. THE NOMINAL MAXIMUM AGGREGATE SIZE SHALL BE A MINIMUM OF 3/4".
- 5. THE MINIMUM PORTLAND CEMENT CONTENT PER CUBIC YARD (ASTM C150)
 OF ALL CONCRETE SHALL CONFORM TO THE FOLLOWING TABLE.
 (FLASH NOT PERMITTED).

 SPECIFIED MINIMUM CEMENT CONTENT (POUNDS PER CUBIC YAR
 - SPECIFIED COMPRESSIVE STRENGTH (PSI) CONCRETE CONCRETE CONCRETE 3000 495 517 4000 564 611
- 6. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW WELL IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS FOR EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD AND SHALL BE CERTIFIED BY AN ENGINEER REGISTERED IN THE STATE WHERE THE STRUCTURE IS LOCATED.

- 7. ALL REINFORCING SHALL BE SUPPORTED IN FORMS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER, IN ACCORDANCE WITH CRSI "MANUAL OF STANDARD PRACTICE" (1986).
- 8. MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE:

 UNFORMED SURFACE IN CONTACT WITH THE GROUND. 3 IN.

 FORMED SURFACES EXPOSED TO EARTH OR WEATHER.

 #6 BARS AND LARGER 2 IN.
- #5 BARS AND SMALLER 1-1/2 IN.

 FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER:
 BEAMS, GIRDERS, AND COLUMNS 1 1/2 IN.
 SLABS, WALLS, AND JOISTS
 #11 BARS AND SMALLER 3/4 IN
 #14 AND #18 BARS 1 1/2 IN.
- 9. BASE PLATES, ANCHOR BOLTS, SUPPORT ANGLES, ETC., BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" OF CONCRETE.
- 10. CONCRETE WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTIONS. SEE QUALITY ASSURANCE GENERAL NOTES AND PROJECT SPECIFICATIONS.
- 11. CONCRETE MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ACI 318-89 (REVISED 1992) BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND ACI 301-89 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
- 12. BAR SUPPORTS IN CONTACT WITH EXPOSED SURFACES SHALL BE PLASTIC TIPPED. ALL ACCESSORIES SHALL BE GALVANIZED.
- 13. NO CALCIUM CHLORIDE SHALL BE USED IN ANY CONCRETE. NO WATER SHALL BE ADDED AT THE JOB SITE TO CONCRETE MIX.
- 14. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DESIGN AND CONSTRUCTION OF ALL FORM WORK, SHORING AND RESHORING. PROVIDE COMMERCIAL FORM COATING COMPOUNDS THAT WILL NOT BOND, STAIN OR ADVERSELY AFFECT CONCRETE SURFACES.
- 15. ALL CONCRETE SHALL BE CONSOLIDATED IN PLACE USING INTERNAL VIBRATOR. DO NOT USE VIBRATORS TO TRANSPORT CONCRETE WITHIN
- PLACEMENT OF CONCRETE SHALL NOT START UNTIL THE PLACEMENT OF REINFORCING STEEL HAS BEEN APPROVED BY OWNER'S INSPECTING AGENCY.
- BONDING AGENT SHALL BE USED WHERE NEW CONCRETE IS PLACED AGAINST FXISTING CONCRETE.
- 18. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
- 19. COMPLETE SHOP DRAWINGS AND SCHEDULES OF ALL REINFORCING STEEL SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE
- 20. WELDING OF REINFORCEMENT IS NOT PERMITTED.
- 21. FOR ALL OPENINGS IN CONCRETE WALLS AND SLABS, PROVIDE SUPPLEMENTAL REINFORCING AROUND OPENINGS.
- 22. THE FINISH TOLERANCE OF ALL SLABS SHALL BE IN ACCORDANCE WITH ACI 302 AND THAT SPECIFIED ON THE CONTRACT DOCUMENTS.
- 23. PROVIDE GALVANIZED STEEL SLEEVES WHERE PIPES PASS THROUGH EXTERIOR CONCRETE WALLS, BEAMS OR SLABS. PROVIDED PVC SLEEVES WHERE PIPES PASS THROUGH INTERIOR CONCRETE WALLS, BEAMS OR SLABS.
- 24. DO NOT PLACE UNDERGROUND UTILITIES OR PIPES BELOW FOOTINGS. IF ANY SUCH CONDITIONS OCCUR, NOTIFY THE ENGINEER IMMEDIATELY AND DROP THE BOTTOM OF FOOTING ELEVATION IN ACCORDANCE WITH THE TYPICAL STEP FOOTING DETAIL TO CLEAR PIPE.

STRUCTURAL STEELS

1. STEEL SHALL CONFORM TO THE FOLLOWING GRADES:

ALL WF	A992 (FY=50 KS
ALL CHANNELS, ANGLES, PLATES, ETC. (UNO)	A36 (FY=36 KSI)
STRUCTURAL TUBE	A500 (Fy=46 KS A53 (Fy=35 KS
STEEL PIPE	A53 (Fy=35 KS
ANCHOR BOLTS	A307 `´
BOLTS	A325
WELDING ELECTRODES	E70XX

- 2. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE (1986), EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS.
- 3. THE FABRICATOR IS RESPONSIBLE FOR THE DESIGN OF ALL CONNECTIONS. CONNECTIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE SCHEMATIC AND ARE ONLY INTENDED TO SHOW THE RELATIONSHIP OF MEMBERS CONNECTED. CONNECTION DETAILS INDICATED ON THE DRAWINGS SHALL BE INCORPORATED INTO FABRICATOR'S CONNECTION DESIGN. SEE SPECIFICATIONS. ALL SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE FABRICATOR'S ENGINEER WITH THE ENGINEER'S SEAL FOR THE STATE WHERE THE STRUCTURE IS LOCATED. ENGINEER'S SEAL MAY BE QUALIFIED "FOR DESIGN OF CONNECTIONS ONLY."
- 4 SPLICING OF STEEL MEMBERS, UNLESS SHOWN ON THE DRAWINGS, IS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE ARCHITECT.
- 5. UNLESS NOTED OTHERWISE, BEAMS SHALL BEAR 8" MINIMUM ON CONCRETE OR MASONRY. UNLESS NOTED OTHERWISE, ANCHOR BEAMS TO MASONRY WITH TWO (2) 3/4" DIAMETER ANCHOR BOLTS WITH 4" HOOK AND 1'-4" EMBEDMENT.
- 6. STRUCTURAL STEEL WORK SHALL BE SUBJECT TO QUALITY ASSURANCE TESTING AND INSPECTIONS. SEE QUALITY ASSURANCE GENERAL NOTES AND PROJECT SPECIFICATIONS.
- 7. BOLTED CONNECTIONS SHALL USE A MINIMUM OF (2) 3/4 INCH DIAMETER HSB UNLESS NOTED OTHERWISE.
- 8. WELDING SHALL BE PERFORMED WITH E70XX ELECTRODES. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS AND SHALL CONFORM TO THE AWS D1.1 STRUCTURAL WELDING CODE.
- 9. AFTER FABRICATIONS, ALL STEEL SHALL BE CLEANED OF ALL RUST, LOOSE MILL SCALE AN OTHER FOREIGN MATERIALS PRIOR TO THE APPLICATION OF TWO COATS OF SHOP PRIMER.
- 10. STEEL ANGLES AND PLATES ALONG WITH BOLTS AND WASHERS, IN DIRECT AND PERMANENT CONTACT WITH EXTERIOR FINISH MASONRY, AND ALL EXPOSED STRUCTURAL STEEL, SHALL BE HOT—DIPPED GALVANIZED.

- 11. STEEL SURFACES WITHIN 4 INCHES OF FIELD WELDS SHALL BE CLEANED AND GROUND SMOOTH. AFTER WELDING COAT SURFACE WITH PRIMER/PAINT.
- 12. FULL DEPTH DOUBLE ANGLE END CONNECTIONS ARE TO BE USED ON ALL GIRDER AND BEAM CONNECTIONS.
- 13. PROVIDE A MINIMUM OF 3/8 INCH THICK FULL DEPTH THRU-PLATE FOR ALL PIPE AND TUBE COLUMN CONNECTIONS.
- 14. ALL CONNECTIONS SHALL BE DESIGNED FOR THE GREATER OF THE REACTIONS GIVEN ON THE FRAMING PLANS OR 1/2 THE AISC UNIFORM LOAD CAPACITY OF THE BEAM UNLESS A MORE STRINGENT CRITERIA IS GIVEN ON THE CONTRACT DOCUMENTS.
- 15. ALL STEEL TO OTHER METAL CONNECTIONS ARE TO BE TREATED OR PROPERLY SEPARATED TO PREVENT GALVANIC AND CORROSIVE EFFECTS.
- 16. FABRICATE BEAMS WITH THE NATURAL CAMBER UP.
- 17. ALL STEEL NOT RECEIVING FIREPROOFING SHALL BE PAINTED WITH THE FABRICATOR'S RUST INHIBITIVE PRIMER. OMIT PAINT AT SLIP CRITICAL CONNECTIONS
- 18. NON-SHRINK GROUT FOR COLUMN BASE PLATES SHALL BE PREMIXED, NONMETALLIC GROUT COMPLYING WITH ASTM C-1107.
- 19. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED.

<u>MISCELLANEOUS</u>

- 1. STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
- 2. NO OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE PROFESSIONAL OF RECORD.
- 3. NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE PROFESSIONAL OF RECORD.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
- 5. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION.
 THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY
 BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE
 CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES.
- 6. DO NOT SCALE THESE DRAWINGS, USE DIMENSIONS.
- 7. CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.
- 8. THE CONTRACTOR SHALL INFORM THE PROFESSIONAL OF RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL OF RECORD REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL OF RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE PROFESSIONAL OF RECORD HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.

QUALITY ASSURANCE:

- FAILURE OF QUALITY ASSURANCE TESTING AND INSPECTIONS TO DETECT ANY DEFECTIVE WORK OR MATERIAL SHALL NOT IN ANY WAY PREVENT LATER REJECTION WHEN SUCH DEFECT IS NOTED NOR SHALL IT OBLIGATE THE OWNER'S REPRESENTATIVE FOR FINAL ACCEPTANCE.
- RECORDS OF INSPECTIONS SHALL BE KEPT AVAILABLE TO THE BUILDING OFFICIAL DURING PROGRESS OF THE WORK AND FOR TWO YEARS AFTER COMPLETION OF THE PROJECT. RECORDS SHALL BE PRESERVED BY THE INDEPENDENT TESTING AGENCY.

NOTE:

ALL SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR REVIEWING ALL DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS FOR THE COORDINATION OF THEIR WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE FINALIZING THEIR BIDS. CONTRACTOR SHOULD FIELD VERIFY ALL DIMENSIONS.

PA. BU E S SEAL: Dwn by: 6/9/2020 **AS NOTED** 20-196

