



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Solicitation

NUMBER
DEFK14021

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
TARA LYLE 304-558-2544

RFQ COPY
TYPE NAME/ADDRESS HERE
*709050415 304-344-1200
WISEMAN CONSTRUCTION CO INC
1616 SIXTH AVE
CHARLESTON WV 25387

DIV ENGINEERING & FACILITIES
JOBSITE
SEE SPECIFICATIONS

DATE PRINTED
12/23/2013

BID OPENING DATE: 01/21/2014 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** PLEASE NOTE A MANDATORY PRE-BID MEETING IS SCHEDULED FOR 01/07/2014 AT 10:00 AM AT THE CFMO CONFERENCE ROOM LOCATED AT THE WV ARMY NATIONAL GUARD 1703 COONSKIN DRIVE CHARLESTON, WV 25311. ***** PLEASE NOTE: THE DRUG-FREE WORKPLACE AFFIDAVIT AND BID BOND ARE REQUIRED WITH BID SUBMISSION. ***** CONTRACT DOCUMENTS MAY BE OBTAINED AT THE OFFICES OF MICHAEL BAKER JR., INC. 5088 WASHINGTON STREET, WEST SECOND FLOOR CHARLESTON, WV 25313 PHONE: 304-769-0821 A NON-REFUNDABLE PAYMENT OF \$175.00 IS REQUIRED FOR EACH SET OF DOCUMENTS. *****						
0001	1	JB	968-42		L.S.	\$984,000.00
GENERAL CONSTRUCTION						
02/19/14 01:19:43PM West Virginia Purchasing Division						
THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, WV NATIONAL GUARD, DIVISION OF ENGINEERING AND FACILITIES, IS SOLICITING BIDS TO CONSTRUCT A						

SIGNATURE	TELEPHONE 304-344-1200	DATE 2/19/2014
TITLE John A. Wiseman, President	FEIN 55-0602314	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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Department of Administration
Purchasing Division
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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
NEW MAINTENANCE FACILITY AT THE WV NATIONAL GUARD - PROPERTY ADJACENT TO THE SOCCER COMPLEX IN COONSKIN PARK, CHARLESTON, WV, PER THE ATTACHED SPECIFICATIONS.						
ATTACHMENTS INCLUDE:						
1. INSTRUCTIONS TO VENDORS SUBMITTING BIDS						
2. GENERAL TERMS AND CONDITIONS						
3. ADDITIONAL TERMS AND CONDITIONS (CONSTRUCTION CONTRACTS ONLY)						
4. DEFK14021 SPECIFICATIONS AND DRAWINGS						
5. CERTIFICATION AND SIGNATURE PAGE						
6. PURCHASING AFFIDAVIT						
7. DRUG-FREE WORKPLACE AFFIDAVIT						
8. BID BOND INSTRUCTIONS AND FORM						
9. WV-75-CONSTRUCTION BID SUBMISSION REVIEW FORM						
***** THIS IS THE END OF RFQ DEFK14021 ***** TOTAL:						\$ 984,000.00

SIGNATURE <i>John A. Wiseman</i>	TELEPHONE 304-344-1200	DATE 2/19/2014
TITLE John A. Wiseman, President	FEIN 55-0602314	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. **REVIEW DOCUMENTS THOROUGHLY:** The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.
2. **MANDATORY TERMS:** The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.
3. **PREBID MEETING:** The item identified below shall apply to this Solicitation.

- ☐ A pre-bid meeting will not be held prior to bid opening.
- ☐ A **NON-MANDATORY PRE-BID** meeting will be held at the following place and time:

- ☒ A **MANDATORY PRE-BID** meeting will be held at the following place and time:

January 7, 2014 at 10:00 am

WVANG - CFMO Conference Room
1703 Coonskin Drive
Charleston, WV 25311

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one person attending the pre-bid meeting may represent more than one Vendor.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. The State will not accept any other form of proof or documentation to verify attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing. Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in, but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. **VENDOR QUESTION DEADLINE:** Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are non-binding.

Question Submission Deadline: January 10, 2014 at 5:00 pm

Submit Questions to: Tara Lyle, File 32

2019 Washington Street, East

Charleston, WV 25305

Fax: 304-558-4115

Email: Tara.L.Lyle@wv.gov

5. **VERBAL COMMUNICATION:** Any verbal communication between the Vendor and any State personnel is not binding, including that made at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.
6. **BID SUBMISSION:** All bids must be signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The bid delivery address is:

Department of Administration, Purchasing Division

2019 Washington Street East

Charleston, WV 25305-0130

000005

The bid should contain the information listed below on the face of the envelope or the bid may not be considered:

SEALED BID

BUYER: _____

SOLICITATION NO.: _____

BID OPENING DATE: _____

BID OPENING TIME: _____

FAX NUMBER: _____

In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus n/a convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

BID TYPE: ☐ Technical
☐ Cost

7. **BID OPENING:** Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when time stamped by the official Purchasing Division time clock.

Bid Opening Date and Time: January 21, 2014 at 1:30 pm

Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

8. **ADDENDUM ACKNOWLEDGEMENT:** Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.
9. **BID FORMATTING:** Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

GENERAL TERMS AND CONDITIONS:

1. **CONTRACTUAL AGREEMENT:** Issuance of a Purchase Order signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.
2. **DEFINITIONS:** As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.
 - 2.1 **"Agency" or "Agencies"** means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.
 - 2.2 **"Contract"** means the binding agreement that is entered into between the State and the Vendor to provide the goods and services requested in the Solicitation.
 - 2.3 **"Director"** means the Director of the West Virginia Department of Administration, Purchasing Division.
 - 2.4 **"Purchasing Division"** means the West Virginia Department of Administration, Purchasing Division.
 - 2.5 **"Purchase Order"** means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the successful bidder and Contract holder.
 - 2.6 **"Solicitation"** means the official solicitation published by the Purchasing Division and identified by number on the first page thereof.
 - 2.7 **"State"** means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.
 - 2.8 **"Vendor" or "Vendors"** means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. **CONTRACT TERM; RENEWAL; EXTENSION:** The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

☐ **Term Contract**

Initial Contract Term: This Contract becomes effective on _____
and extends for a period of _____ year(s).

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal must be submitted to the Purchasing Division Director thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Renewal of this Contract is limited to _____ successive one (1) year periods. Automatic renewal of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases. Attorney General approval may be required for vendor terms and conditions.

Reasonable Time Extension: At the sole discretion of the Purchasing Division Director, and with approval from the Attorney General's office (Attorney General approval is as to form only), this Contract may be extended for a reasonable time after the initial Contract term or after any renewal term as may be necessary to obtain a new contract or renew this Contract. Any reasonable time extension shall not exceed twelve (12) months. Vendor may avoid a reasonable time extension by providing the Purchasing Division Director with written notice of Vendor's desire to terminate this Contract 30 days prior to the expiration of the then current term. During any reasonable time extension period, the Vendor may terminate this Contract for any reason upon giving the Purchasing Division Director 30 days written notice. Automatic extension of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases, but Attorney General approval may be required.

Release Order Limitations: In the event that this contract permits release orders, a release order may only be issued during the time this Contract is in effect. Any release order issued within one year of the expiration of this Contract shall be effective for one year from the date the release order is issued. No release order may be extended beyond one year after this Contract has expired.

☒ **Fixed Period Contract:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within 120 _____ days.

☐ **One Time Purchase:** The term of this Contract shall run from the issuance of the Purchase Order until all of the goods contracted for have been delivered, but in no event shall this Contract extend for more than one fiscal year.

☐ **Other:** See attached.

4. **NOTICE TO PROCEED:** Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Purchase Order will be considered notice to proceed

5. **QUANTITIES:** The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

☐ **Open End Contract:** Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

☐ **Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.

☒ **Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

☐ **One Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

6. **PRICING:** The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification.

7. **EMERGENCY PURCHASES:** The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

8. **REQUIRED DOCUMENTS:** All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

- ☒ **BID BOND:** All Vendors shall furnish a bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.
- ☒ **PERFORMANCE BOND:** The apparent successful Vendor shall provide a performance bond in the amount of 100% of contract value. The performance bond must be issued and received by the Purchasing Division prior to Contract award. On construction contracts, the performance bond must be 100% of the Contract value.
- ☒ **LABOR/MATERIAL PAYMENT BOND:** The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be issued and delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable.

- ☒ **MAINTENANCE BOND:** The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.
- ☒ **WORKERS' COMPENSATION INSURANCE:** The apparent successful Vendor shall have appropriate workers' compensation insurance and shall provide proof thereof upon request.
- ☒ **INSURANCE:** The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the state as a certificate holder:



Commercial General Liability Insurance:

\$1,000,000.00 ☒ or more.



Builders Risk Insurance: builders risk – all risk insurance in an amount equal to 100% of the amount of the Contract.



The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed above.

- ☒ **LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.

☒ WV Contractor's License

☐
☐
☐

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.

9. **LITIGATION BOND:** The Director reserves the right to require any Vendor that files a protest of an award to submit a litigation bond in the amount equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. The entire amount of the bond shall be forfeited if the hearing officer determines that the protest was filed for frivolous or improper purpose, including but not limited to, the purpose of harassing, causing unnecessary delay, or needless expense for the Agency. All litigation bonds shall be made payable to the Purchasing Division. In lieu of a bond, the protester may submit a cashier's check or certified check payable to the Purchasing Division. Cashier's or certified checks will be deposited with and held by the State Treasurer's office. If it is determined that the protest has not been filed for frivolous or improper purpose, the bond or deposit shall be returned in its entirety.
10. **ALTERNATES:** Any model, brand, or specification listed herein establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.
11. **EXCEPTIONS AND CLARIFICATIONS:** The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or

other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

- 12. LIQUIDATED DAMAGES:** Vendor shall pay liquidated damages in the amount
* see below for

This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy.

- 13. ACCEPTANCE/REJECTION:** The State may accept or reject any bid in whole, or in part. Vendor's signature on its bid signifies acceptance of the terms and conditions contained in the Solicitation and Vendor agrees to be bound by the terms of the Contract, as reflected in the Purchase Order, upon receipt.
- 14. REGISTRATION:** Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee if applicable.
- 15. COMMUNICATION LIMITATIONS:** In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.
- 16. FUNDING:** This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.
- 17. PAYMENT:** Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears, to the Agency at the address on the face of the purchase order labeled "Invoice To."
- 18. UNIT PRICE:** Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.
- 19. DELIVERY:** All quotations are considered freight on board destination ("F.O.B. destination") unless alternate shipping terms are clearly identified in the bid. Vendor's listing of shipping terms that contradict the shipping terms expressly required by this Solicitation may result in bid disqualification.
- 20. INTEREST:** Interest attributable to late payment will only be permitted if authorized by the West Virginia Code. Presently, there is no provision in the law for interest on late payments.
- 21. PREFERENCE:** Vendor Preference may only be granted upon written request and only in accordance with the West Virginia Code § 5A-3-37 and the West Virginia Code of State Rules. A Resident Vendor Certification form has been attached hereto to allow Vendor to apply for the preference. Vendor's

failure to submit the Resident Vendor Certification form with its bid will result in denial of Vendor Preference. Vendor Preference does not apply to construction projects.

- 22. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:** For any solicitations publicly advertised for bid on or after July 1, 2012, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to submission of its bid to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority-owned business shall be applied in accordance with W. Va. CSR § 148-22-9.
- 23. TAXES:** The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 24. CANCELLATION:** The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-7.16.2.
- 25. WAIVER OF MINOR IRREGULARITIES:** The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.
- 26. TIME:** Time is of the essence with regard to all matters of time and performance in this Contract.
- 27. APPLICABLE LAW:** This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.
- 28. COMPLIANCE:** Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendors acknowledge that they have reviewed, understand, and will comply with all applicable law.
- 29. PREVAILING WAGE:** On any contract for the construction of a public improvement, Vendor and any subcontractors utilized by Vendor shall pay a rate or rates of wages which shall not be less than the fair minimum rate or rates of wages (prevailing wage), as established by the West Virginia Division of Labor under West Virginia Code §§ 21-5A-1 et seq. and available at <http://www.sos.wv.gov/administrative-law/wagerates/Pages/default.aspx>. Vendor shall be responsible for ensuring compliance with prevailing wage requirements and determining when prevailing wage

requirements are applicable. The required contract provisions contained in West Virginia Code of State Rules § 42-7-3 are specifically incorporated herein by reference.

- 30. ARBITRATION:** Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.
- 31. MODIFICATIONS:** This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary, no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). **No Change shall be implemented by the Vendor until such time as the Vendor receives an approved written change order from the Purchasing Division.**
- 32. WAIVER:** The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.
- 33. SUBSEQUENT FORMS:** The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.
- 34. ASSIGNMENT:** Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments. Notwithstanding the foregoing, Purchasing Division approval may or may not be required on certain agency delegated or exempt purchases.
- 35. WARRANTY:** The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.
- 36. STATE EMPLOYEES:** State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.
- 37. BANKRUPTCY:** In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void, and terminate this Contract without notice.

39. CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

40. DISCLOSURE: Vendor's response to the Solicitation and the resulting Contract are considered public documents and will be disclosed to the public in accordance with the laws, rules, and policies governing the West Virginia Purchasing Division. Those laws include, but are not limited to, the Freedom of Information Act found in West Virginia Code § 29B-1-1 et seq.

If a Vendor considers any part of its bid to be exempt from public disclosure, Vendor must so indicate by specifically identifying the exempt information, identifying the exemption that applies, providing a detailed justification for the exemption, segregating the exempt information from the general bid information, and submitting the exempt information as part of its bid but in a segregated and clearly identifiable format. Failure to comply with the foregoing requirements will result in public disclosure of the Vendor's bid without further notice. A Vendor's act of marking all or nearly all of its bid as exempt is not sufficient to avoid disclosure and WILL NOT BE HONORED. Vendor's act of marking a bid or any part thereof as "confidential" or "proprietary" is not sufficient to avoid disclosure and WILL NOT BE HONORED. In addition, a legend or other statement indicating that all or substantially all of the bid is exempt from disclosure is not sufficient to avoid disclosure and WILL NOT BE HONORED. Vendor will be required to defend any claimed exemption for nondisclosure in the event of an administrative or judicial challenge to the State's nondisclosure. Vendor must indemnify the State for any costs incurred related to any exemptions claimed by Vendor. Any questions regarding the applicability of the various public records laws should be addressed to your own legal counsel prior to bid submission.

41. LICENSING: In accordance with West Virginia Code of State Rules §148-1-6.1.7, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

42. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Purchase Order from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired

by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

- 43. VENDOR CERTIFICATIONS:** By signing its bid or entering into this Contract, Vendor certifies (1) that its bid was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid for the same material, supplies, equipment or services; (2) that its bid is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this RFQ in its entirety, understands the requirements, terms and conditions, and other information contained herein. Vendor's signature on its bid also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

The individual signing this bid on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

- 44. PURCHASING CARD ACCEPTANCE:** The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

☐ Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

- 45. VENDOR RELATIONSHIP:** The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, *etc.* and the filing of all necessary documents, forms and returns pertinent to all of the foregoing. Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

- 46. INDEMNIFICATION:** The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered

by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

- 47. PURCHASING AFFIDAVIT:** In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.
- 48. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE:** This Contract may be utilized by and extends to other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts ("Other Government Entities"). This Contract shall be extended to the aforementioned Other Government Entities on the same prices, terms, and conditions as those offered and agreed to in this Contract. If the Vendor does not wish to extend the prices, terms, and conditions of its bid and subsequent contract to the Other Government Entities, the Vendor must clearly indicate such refusal in its bid. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.
- 49. CONFLICT OF INTEREST:** Vendor, its officers or members or employees, shall not presently have or acquire any interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.
- 50. REPORTS:** Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:
- ☐ Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.
 - ☐ Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.requisitions@wv.gov.
- 51. BACKGROUND CHECK:** In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information

to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision.

The State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Service providers should contact the West Virginia Division of Protective Services by phone at (304)558-9911 for more information.

52. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.

The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:

- a. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
- b. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

53. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a "substantial labor surplus area", as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products.

This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

ADDITIONAL TERMS AND CONDITIONS (Construction Contracts Only)

1. **CONTRACTOR'S LICENSE:** West Virginia Code § 21-11-2 requires that all persons desiring to perform contracting work in this state be licensed. The West Virginia Contractors Licensing Board is empowered to issue the contractor's license. Applications for a contractor's license may be made by contacting the West Virginia Division of Labor.

West Virginia Code § 21-11-11 requires any prospective Vendor to include the contractor's license number on its bid. Failure to include a contractor's license number on the bid shall result in Vendor's bid being disqualified. Vendors should include a contractor's license number in the space provided below.

Contractor's Name: Wiseman Construction Co., Inc.

Contractor's License No. WV000836

The apparent successful Vendor must furnish a copy of its contractor's license prior to the issuance of a purchase order/contract.

2. **DRUG-FREE WORKPLACE AFFIDAVIT:** W. Va. Code § 21-1D-5 provides that any solicitation for a public improvement contract requires each Vendor that submits a bid for the work to submit at the same time an affidavit that the Vendor has a written plan for a drug-free workplace policy. To comply with this law, Vendor must either complete the enclosed drug-free workplace affidavit and submit the same with its bid or complete a similar affidavit that fulfills all of the requirements of the applicable code. Failure to submit the signed and notarized drug-free workplace affidavit or a similar affidavit that fully complies with the requirements of the applicable code, with the bid shall result in disqualification of Vendor's bid.

2.1 DRUG-FREE WORKPLACE POLICY: Pursuant to W. Va. Code § 21-1D-4, Vendor and its subcontractors must implement and maintain a written drug-free workplace policy that complies with said article.

The awarding public authority may cancel this contract if: (1) Vendor fails to implement and maintain a written drug-free workplace policy described in the preceding paragraph, (2) Vendor fails to provide information regarding implementation of its drug-free workplace policy at the request of the public authority; or (3) Vendor provides to the public authority false information regarding the contractor's drug-free workplace policy.

3. **DRUG FREE WORKPLACE REPORT:** Pursuant to W. Va. Code § 21-1D-7b, no less than once per year, or upon completion of the project, every contractor shall provide a certified report to the public authority which let the contract. For contracts over \$25,000, the public authority shall be the West Virginia Purchasing Division. For contracts of \$25,000 or less, the public authority shall be the agency issuing the contract. The report shall include:

- (1) Information to show that the education and training service to the requirements of West Virginia Code § 21-1D-5 was provided;
- (2) The name of the laboratory certified by the United States Department of Health and Human Services or its successor that performs the drug tests;
- (3) The average number of employees in connection with the construction on the public improvement;
- (4) Drug test results for the following categories including the number of positive tests and the number of negative tests: (A) Pre-employment and new hires; (B) Reasonable suspicion; (C) Post-accident; and (D) Random.

Vendor should utilize the attached Certified Drug Free Workplace Report Coversheet when submitting the report required hereunder.

4. **AIA DOCUMENTS:** All construction contracts that will be completed in conjunction with architectural services procured under Chapter 5G of the West Virginia Code will be governed by the AIA A101-2007 and A201-2007 or the A107-2007 documents, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein.
5. **SUBCONTRACTOR LIST SUBMISSION:** In accordance with W. Va. Code § 5-22-1, The apparent low bidder on a contract for the construction, alteration, decoration, painting or improvement of a new or existing building or structure valued at more than \$250,000.00 shall submit a list of all subcontractors who will perform more than \$25,000.00 of work on the project including labor and materials. This provision shall not apply to any other construction projects, such as highway, mine reclamation, water or sewer projects. Additionally, if no subcontractors who will perform more than \$25,000.00 of work are to be used to complete the project, it will be noted on the subcontractor list.
 - a. **Required Information.** The subcontractor list shall contain the following information:
 - i. Bidder's name
 - ii. Name of each subcontractor
 - iii. License numbers as required by W. Va. Code § 21-11-1 et. seq.
 - iv. Notation that no subcontractor will be used to perform more than \$25,000.00 of work, when applicable
 - b. **Submission.** The completed subcontractor list shall be provided to the Purchasing Division within one business day of the opening of bids for review. Failure to submit the subcontractor list within one business day after the deadline for submitting bids shall result in disqualification of the bid.
 - c. **Substitution of Subcontractor.** Written approval must be obtained from the State Spending Unit before any subcontractor substitution is permitted. Substitutions are not permitted unless:

- i. The subcontractor listed in the original bid has filed for bankruptcy;
 - ii. The subcontractor in the original bid has been debarred or suspended; or
 - iii. The contractor certifies in writing that the subcontractor listed in the original bill fails, is unable, or refuses to perform his subcontract.
6. **GREEN BUILDINGS MINIMUM ENERGY STANDARDS:** In accordance with § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: *Provided*, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.

SPECIFICATIONS

- 1. PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Army National Guard's Division of Engineering and Facilities to establish a contract for the one time purchase of labor, materials, and all associated costs to construct a new one-story pre-manufactured metal building storage/maintenance area of approximately 6,000 square feet.

The project includes but is not limited to the construction of up to a 6,000 square feet pre-engineered metal facility, sited on the available property adjacent to the Soccer Complex in Coonskin Park, Kanawha County, WV, per the drawings and specifications.

- 2. DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.

2.1 "Contract Item" means the provision of all labor, materials and associated costs to construct the maintenance building at Coonskin Part in Charleston, WV, per the scope of work and the specifications and drawings.

2.2 "Pricing Page" means the pages upon which Vendor should list its proposed price for the Contract Items in the manner requested. The Pricing Page is either included on the last page of this RFQ or attached hereto as Exhibit A.

2.3 "RFQ" means the official request for quotation published by the Purchasing Division and identified as **DEFK14021**.

3. GENERAL REQUIREMENTS:

- 3.1 Mandatory Contract Item Requirements:** Contract Item must meet or exceed the mandatory requirements listed below.

3.1.1 Labor, materials, and all associated costs to construct a new pre-engineered metal storage/maintenance facility and associated building systems in Charleston, WV.

3.1.1.1 Contractor must provide all materials and equipment and perform all labor required to properly prepare the

building site for excavation, backfill, and foundation work as indicated on the drawings, as specified and as required by code.

3.1.1.2 Contractor must provide all materials and equipment and perform all labor to install appropriate concrete, reinforcement, structural steel, and shear walls as indicated on the drawings, as specified and as required by code.

3.1.1.3 Contractor must provide all materials and equipment and perform all labor to install complete for an operable plumbing, mechanical, electrical, and fire alarm systems as indicated on the drawings, as specified and a required by code.

4. CONTRACT AWARD:

4.1 Contract Award: The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest total project cost as shown on the Pricing Pages.

4.2 Pricing Page: Vendor should complete the Pricing Page by completing the attached bid form. Vendor is to submit a lump sum price inclusive of all labor, materials, and associated costs to complete the project as designed and specified. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified.

Notwithstanding the foregoing, the Purchasing Division may correct errors as it deems appropriate. Vendor should type or electronically enter the information into the Pricing Page to prevent errors in the evaluation.

REQUEST FOR QUOTATION
DEFK14021- Coonskin Park Maintenance Bldg- Charleston, WV

000024

5. PAYMENT:

5.1 Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

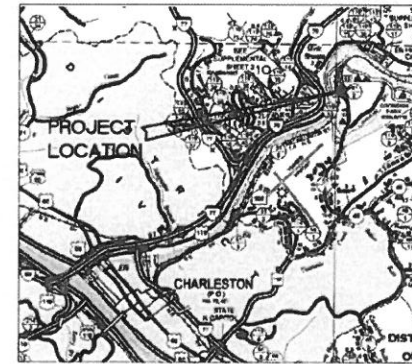
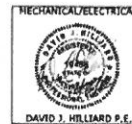
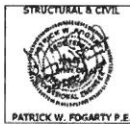
Vendor may invoice monthly in arrears throughout the life of the contract. A 10% retainage will be paid upon owner acceptance of the completed construction project.

The project is to be completed in 120 calendar days after issuance of notice to proceed.

MAINTENANCE FACILITY



LOCATION MAP



VICINITY MAP

CODE

**FIRE PROTECTION AND
LIFE SAFETY CODE REVIEW**

PROJECT NAME:

COONSKIR PARK MAINTENANCE FACILITY

KANAWHA COUNTY, WEST VIRGINIA

APPLICABLE CODES AND STANDARDS:

INTERNATIONAL BUILDING CODE (IRC) 2012
101.10 WITH 2012 WEST VIRGINIA KEYWORDS AS THEY APPLY
TO BOTH

OCCUPANCY CLASSIFICATION

IRC 311.1
101.1.1 STORAGE GROUP 5-1 Moderate Hazard Storage

DISCREPANCY LOAD

WAREHOUSE: 500 CHG/29 S.F., PERCEIVING: 10000 S.F. @ 500 S.F., + 13
PEOPLE

CONSTRUCTION TYPE

JOIST II (2001) COMBUSTIBLE PROTECTED

STORAGE OF LIQUIDS, FUELS, ETC

7000.2.1 OVERHAULS

OVERHAULS OF THE FIRE BARRIER WALLS SHALL BE PROTECTED BY
JOIST II WITH SECTION 7.13. OVERHAULS SHALL BE LIMITED TO A
MAXIMUM AGGREGATE WIDTH OF 1/4th OF THE LENGTH OF THE WALL
AND SHALL BE FOR ONE (1) OVERHAUL ONLY. SHALL NOT EXCEED
13.3.3. DISCREPANCY TO EXIST END OVERHAULS SHALL ALSO COMPLY WITH

[illegible]

COONSKIN PARK MAINTENANCE FACILITY

 **Baker**
1888 West Washington Street
Chicago, Illinois 60604
Phone (312) 734-3001
Fax (312) 734-3023

Chicago & Lake, Inc.

[illegible]

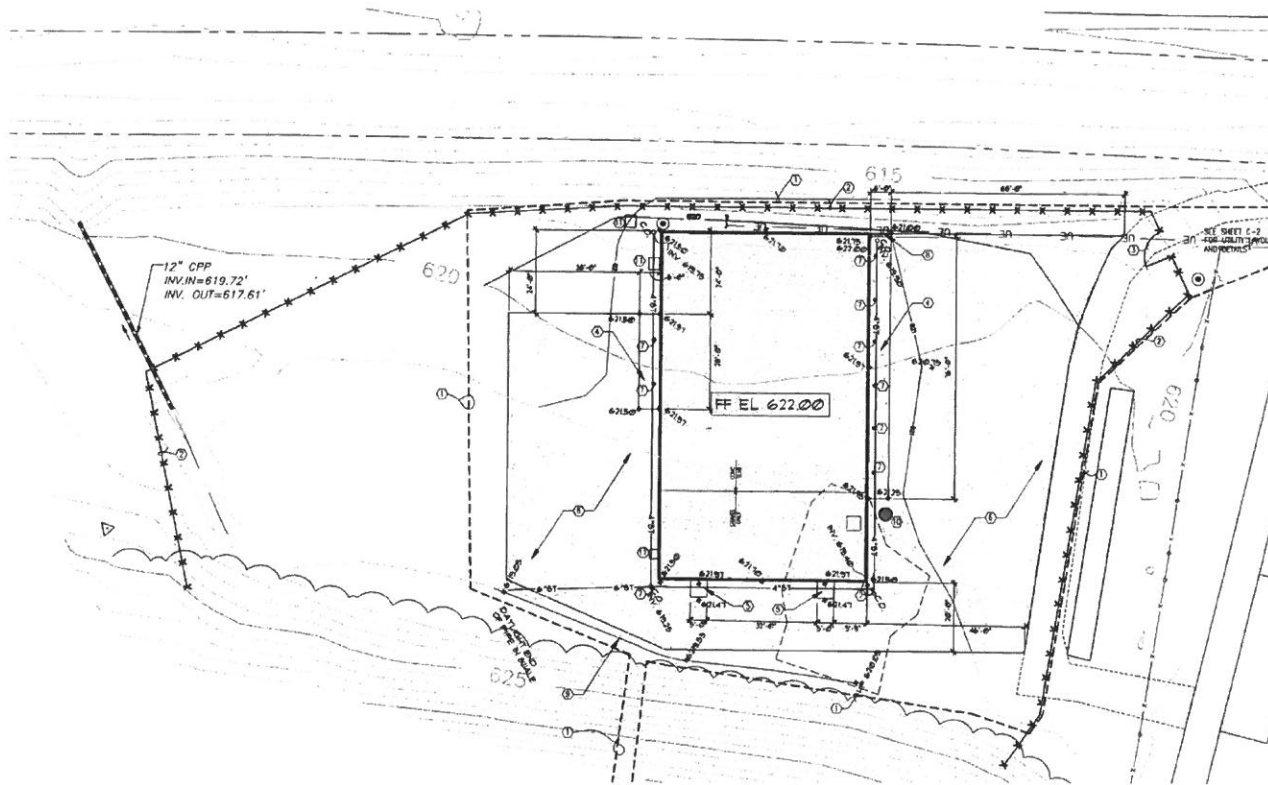
Order placed by:	Date:	12/10/13	Ref.:
Order by:	Order no:	NP	Project no: 135625
Delivered by:	Delivery code:		
Submitted by:	File name:	12/10/13	Ref. code: NONE
	RLB		

COONSKIN PARK
MAINTENANCE FACILITY

TITLE PAGE

 Sheet reference

025



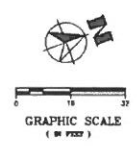
SITE PLAN
 SCALE: 1" = 10'-0"

KEYED NOTES:

- ① LIMITS OF DISTURBANCE
- ② 8' H. TEMPORARY CONSTRUCTION FENCE
- ③ 8' W. TEMPORARY CONSTRUCTION GATE
- ④ NEW CONCRETE APRON (SEE DETAIL 4A SHEET C-3)
- ⑤ NEW CONCRETE PAD (SEE DETAIL 1 SHEET C-3)
- ⑥ NEW GRAVEL DRIVE AREA (SEE DETAIL 1 SHEET C-3)
- ⑦ NEW BOLLARD (SEE DETAIL 3 SHEET C-3)
- ⑧ NEW RETAINING WALL (SEE DETAIL 4B SHEET C-3)
- ⑨ EXISTING DRAINAGE SWALE
- ⑩ NEW GRINDER PUMP IN MANHOLE (SEE DETAIL 5 SHEET C-3)
- ⑪ NEW CONCRETE UTILITY PAD (SEE DETAIL 2 SHEET C-3)

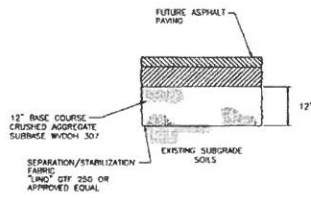
EROSION / SEDIMENT CONTROL NOTES:

1. CONTRACTOR TO SUPPLY EROSION AND SEDIMENT CONTROL PLAN PER WDEP STANDARDS. THE EROSION AND SEDIMENT CONTROL PLAN TO BE PROVIDED BY CONTRACTOR AND APPROVED BY OWNERS REPRESENTATIVE.
2. THE PLAN SHALL INCLUDE PROVISIONS FOR THE FOLLOWING:
 - A. VERIFY THAT FLOWS OF WATER REDIRECTED FROM CONSTRUCTION AREAS OR GENERATED BY CONSTRUCTION ACTIVITY DO NOT ENTER OR CROSS UNDISTURBED AREAS.
 - B. PROVIDE MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF AND AIRBORNE DUST TO UNDISTURBED AREAS AND TO ADJACENT PROPERTIES AND HIGHWAYS.
 - C. INSPECT, REPAIR AND MAINTAIN EROSION AND SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED.
 - D. CLEAN, REPAIR AND RESTORE ADJACENT PROPERTIES AND ROADS AFFECTED BY EROSION AND SEDIMENTATION FROM PROJECT SITE DURING THE COURSE OF PROJECT.
 - E. REMOVE EROSION AND SEDIMENTATION CONTROLS AND RESTORE AND STABILIZE AREAS DISTURBED DURING REMOVAL.



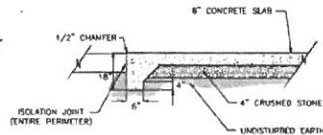
COONSKIN PARK MAINTENANCE FACILITY	
Project No. 135625 Drawing Date 12/10/13 Drawing Title SITE PLAN Drawing Scale 1" = 10'-0"	Date 12/10/13 Project No. 135625 Drawing Date 12/10/13 Drawing Title SITE PLAN Drawing Scale 1" = 10'-0"
COONSKIN PARK MAINTENANCE FACILITY	
SITE PLAN	
Sheet Reference	

200027



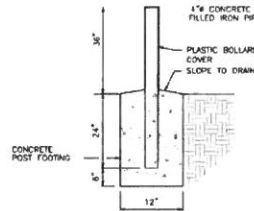
1 PAVEMENT DETAIL

C-3 SCALE: NONE



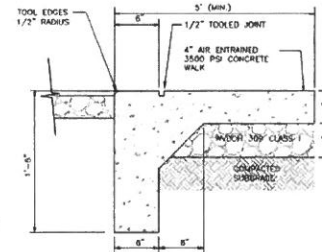
2 CONCRETE UTILITY PAD

C-3 SCALE: NONE



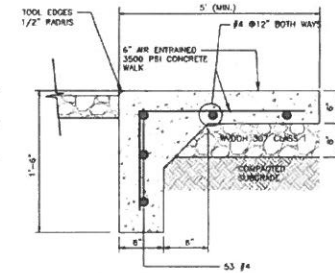
3 TYPICAL BOLLARD

C-3 SCALE: NONE



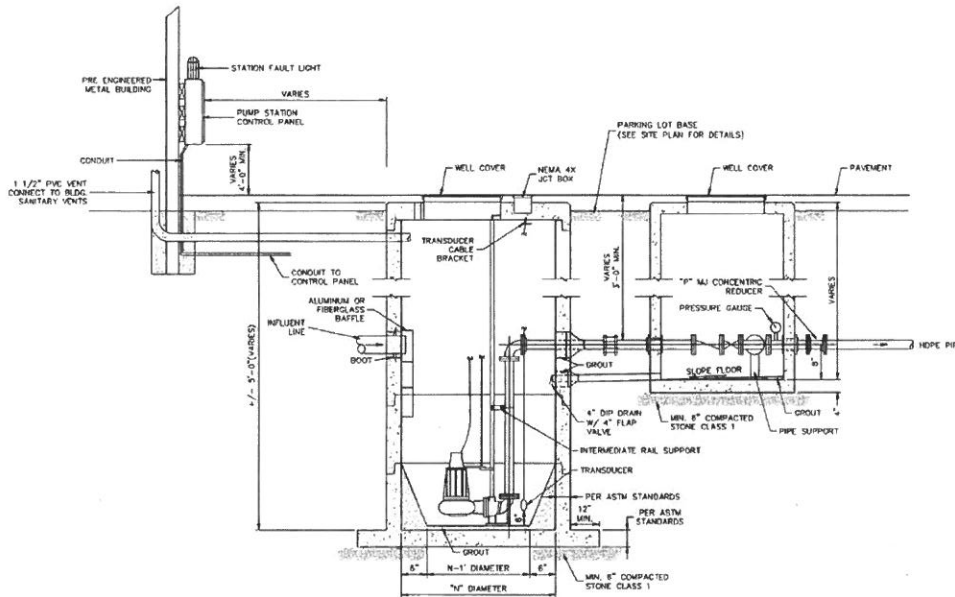
4A CONCRETE APRON

C-3 SCALE: NONE



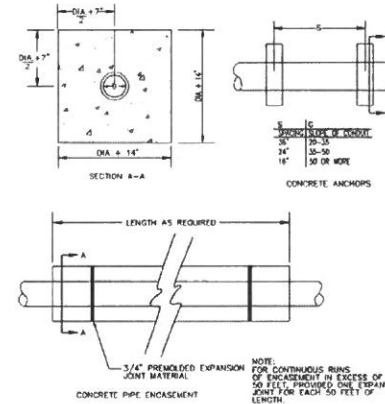
4B RETAINING WALL

C-3 SCALE: NONE



5 PUMP STATION and VALVE PIT SECTION

C-3 SCALE: NONE



6 CONCRETE ANCHORS and PIPE ENCASEMENT

C-3 SCALE: NONE

COONSKIN PARK MAINTENANCE FACILITY

REVISIONS

Drawn by: J. L. G. 11/13
 Check by: M. J. 11/13
 Approved by: J. L. G. 11/13

COONSKIN PARK
 MAINTENANCE FACILITY

SITE DETAILS

Sheet No. 0029

0029

ABBREVIATIONS

ACP	ACOUSTIC CEILING PANEL	FE	FIRE EXTINGUISHER	MSC	MISCELLANEOUS	STR	STRUCTURE
ATF	ABOVE FINISH FLOOR	FEC	FIRE EXTINGUISHER CABINET	MO	MASONRY OPENING	STD	STORAGE
ALUM	ALUMINUM	FL	FLOOR	MR	MOISTURE RESISTANT	SPEC	SPECIFICATION
AUTO	AUTOMATIC	FD	FLOOR DRAIN	MS	METAL STUD	SS	STAINLESS STEEL
ABV	ABOVE	FTD	FOOTING	MTL	METAL	STM	STAIN
B.C.	BOTTOM OF CURB	GA	GALVE	NA	NOT APPLICABLE	STD	STANDARD
B.LK	BLOCK	GALV	GALVANIZED	NO	NUMBER	SUSP	SUSPENDED
BRG	BEARING	GC	GENERAL CONTRACTOR	NOM	NOMINAL	TC	TOP OF CURB
BLCK	BLOCKING	GL	GLASS	NTS	NOT TO SCALE	TH	THICK
BO	BOARD	GOVT	GOVERNMENT	NC	NOT IN CONTRACT	TYP	TYPICAL
BLDG	BUILDING	GYP	GYPSON	OPD	OPENING	TR	TREAD
CLG	CEILING	CWB	CYPWIN WALLBOARD	OC	ON CENTER	T.O.	TOP OF
CONC	CONCRETE	HT	HEIGHT	OH	OVERHEAD	TEL	TELEPHONE
CONT	CONTINUOUS	HC	HANDICAPPED	OPP	OPPOSITE	TEMP	TEMPERED/TEMPORARY
CONTR	CONTRACTOR	HGW	HARDWARE	PL	PLATE	UNF	UNFINISHED
CMU	CONCRETE MASONRY UNIT	HNG	HEATING	PLM	PLASTIC LAMINATE	UNO	UNLESS NOTED OTHERWISE
CT	CERAMIC TILE	HVC	HEATING/VENTILATING/	PLYD	PLYWOOD	USAR	UNITED STATES ARMY RESERVE
C.J.	CONTROL JOINT	HW	AIR CONDITIONING	PML	PANEL	VERT	VERTICAL
CRS	COURSE	INS	INSULATION	PRF	PREFABRICATED	VF	VERY IN FIELD
CRD	CORNER	INT	INTERIOR	PERF	PERFORATED	WD	WOOD
DN	DOWN	JT	JOINT	PR	PAIR	WH	WATER HEATER
DTL	DETAIL	JAN	JANITOR	PT	PAINT	WFF	WELDED WIRE FABRIC
DRG	DRAWING	LAW	LAWN	QT	QUARRY TILE	W/O	WITHOUT
EA	EACH	LAV	LAVATORY	R	RISER		
EPS	EXTRUSION INSULATION	UH	LEFT HAND	RAD	RADIUS		
EW	ELECTRIC WATER COOLER	LT	LIGHT	RD	ROOF DRAIN		
EXP	EXPANSION	LVR	LOUVER	REF	REFERENCE		
EXT	EXTERIOR	MAS	MASONRY	REMF	REINFORCED		
EQUIP	EQUIPMENT	MAX	MAXIMUM	RH	RIGHT HAND		
ELEC	ELECTRIC	MECH	MECHANICAL	RHW	RIGHT OF WAY		
EL	ELEVATION	MFR	MANUFACTURER	RM	ROOM		
EMER	EMERGENCY	MIN	MINIMUM	RO	ROUGH OPENING		
F/	FACE OF	MIR	MIRROR	RWC	RAINWATER CONDUCTOR		
EQ	EQUAL			SH	SHOWER		
				STL	STEEL		

GENERAL NOTES

- STANDARDS AND REGULATIONS.
- CONTRACTOR SHALL PERFORM ALL WORK IN CONFORMANCE WITH APPLICABLE BUILDING CODES, REGULATIONS, ORDINANCES, UTILITY PROVIDER REQUIREMENTS, AND SIMILAR STANDARDS.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED INSPECTIONS OF THE WORK. CONTRACTOR SHALL REGULARLY UPDATE OWNER AND ARCHITECT REGARDING THE STATUS OF INSPECTIONS.
- CONTRACTOR SHALL COORDINATE WORK WITH APPLICABLE UTILITY PROVIDERS.
- CONTRACTOR SHALL BE FAMILIAR WITH REQUIREMENTS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH REFERENCED FIRE-RATED ASSEMBLY TESTS AND STANDARDS.
- ADMINISTRATION OF THE WORK:
 - CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, AND SEQUENCES OF CONSTRUCTION AND DIMENSIONS.
 - CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF ALL CONSTRUCTION PERSONNEL AND AUTHORIZED VISITORS AT THE SITE.
 - CONTRACTOR SHALL BECOME FULLY ACQUAINTED WITH CONDITIONS RELATED TO THE WORK. ANY DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE REPORTED TO THE OWNER FOR RESOLUTION PRIOR TO PROCEEDING WITH WORK RELATED TO THE DISCREPANCY.
 - CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL CONSTRUCTION AND DEMOLITION DEBRIS. CONTRACTOR SHALL OBTAIN APPROVAL OF OWNER FOR DETAILS RELATING TO THE REMOVAL OF TRASH, INCLUDING SUCH ISSUES AS PATH OF TRAVEL, REMOVAL OF WINDOWS, LOCATION OF CHUTES, REMOVAL OF EXISTING ITEMS, ETC. PRIOR TO REMOVAL OF DEBRIS. CONTRACTOR SHALL CLEAN AND REPAIR ANY DAMAGED TO EXISTING THAT BE REQUIRED TO ACCOMMODATE REMOVAL PROCESS. IF CLEANING AND/OR REPAIR DOES NOT RETURN ITEMS TO ORIGINAL CONDITION CONTRACTOR SHALL INSTALL NEW ITEMS.
 - CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH OWNER'S PROCEDURES FOR MAINTAINING A SECURE SITE AND BUILDING.
 - EACH INSTALLER SHALL EXAMINE ALL SUBSTRATE CONDITIONS AND/OR SITE CONDITIONS WHICH AFFECT THE QUALITY OF EACH PRODUCT TO BE INSTALLED. IF ANY CONDITIONS EXIST WHICH WILL HAVE A DETRIMENTAL EFFECT ON THE QUALITY OF THE INSTALLATION, THE INSTALLER SHALL IMMEDIATELY NOTIFY THE CONTRACTOR. THE CONTRACTOR SHALL NOT PROCEED UNTIL THE UNSATISFACTORY CONDITIONS ARE CORRECTED. INSTALLATION SHALL BEAT ACCEPTANCE OF THE CONDITIONS.
 - CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS ON THE SITE AT ALL TIMES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COORDINATION EFFORTS OF ALL SUBCONTRACTORS.
 - CONTRACTOR SHALL LAY OUT ALL WORK AS SOON AS POSSIBLE. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN QUESTION. USE OF CONSTRUCTION DOCUMENTS:
 - DO NOT SCALE DRAWINGS. ONLY WRITTEN DIMENSIONS OR KEYED NOTES SHALL BE USED. CONTACT ARCHITECT IF CLARIFICATION OR ADDITIONAL INFORMATION IS REQUIRED.
 - THE DIMENSIONS ARE SHOWN IN INCHES. MODIFICATIONS IN DUCTS, PIPING, CONDUIT AND WIRING MAY BE REQUIRED TO ACCOMMODATE ACTUAL FIELD CONDITIONS.
 - DRAWINGS SHALL NOT BE REPRODUCED FOR SUBMITTALS.
 - DIMENSIONS ARE AS FOLLOWS UNLESS NOTED OTHERWISE:
 - TO CENTERLINE OF CURB/RAIN WALLS.
 - TO CENTERLINE OF COLUMNS.
 - TO TOP OF FLOOR SLAB.
 - TO BOTTOM OF FINISHED CEILING.
 - TO FACE OF MASONRY OR CONCRETE.
 - VERIFY IN FIELD DIMENSIONS OF ALL DOOR, WINDOW AND LOUVER OPENINGS.

DEFINITIONS:

 - "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE AND/OR TO INSTALL NEW CONSTRUCTION ADJACENT TO EXISTING CONSTRUCTION WITHOUT ANY VISIBLE JOINTS OR SURFACE IRREGULARITIES.
 - "CLEAR" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS NOT ADJUSTABLE WITHOUT APPROVAL OF THE ARCHITECT. CLEAR DIMENSIONS ARE TYPICALLY TO FINISH FACE.
 - "MAXIMUM" OR "MAX" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY GREATER THAN THAT SHOWN WITHOUT APPROVAL OF THE ARCHITECT.
 - "MINIMUM" OR "MIN" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY LESS THAN THAT SHOWN WITHOUT APPROVAL OF THE ARCHITECT.
 - "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION OR DIMENSION IS THE SAME OR REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT.
 - "N" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE DIMENSION OR QUANTITY IS SLIGHTLY ADJUSTABLE TO ACCOMMODATE ACTUAL CONDITIONS. FIELD VERIFICATION AND COORDINATION WITH OTHER ELEMENTS MAY BE NECESSARY.

SYMBOLS LEGEND

ROOM NAME XXXX	ROOM NAME ROOM NUMBER
	PARTITION TYPE
	DOOR NUMBER
	SECTION CALL-OUT
	DETAIL CALL-OUT
	INTERIOR ELEVATION CALL-OUT
	RENOTE
	WINDOW TYPE
	TOILET ACCESSORY
	ELEVATION CALL-OUT
	DETAIL REFERENCE NUMBER
	ELEVATION MARK
	METAL STUD AND CURB PARTITION
	CONCRETE
	BRICK
	CONCRETE BLOCK
	FIBERGLASS BATT INSULATION
	RIGID BOARD INSULATION
	CURB OR GULLY (DRAIN)
	CONCRETE PAVING (DRAIN)

COCKSON PARK MAINTENANCE FACILITY

REV	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	12/1/13

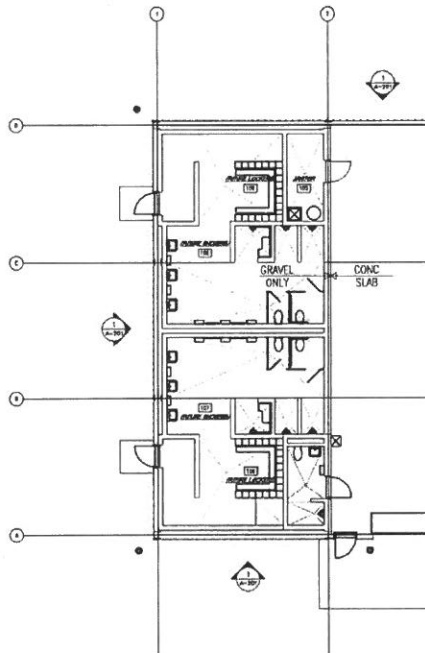
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COCKSON PARK MAINTENANCE FACILITY

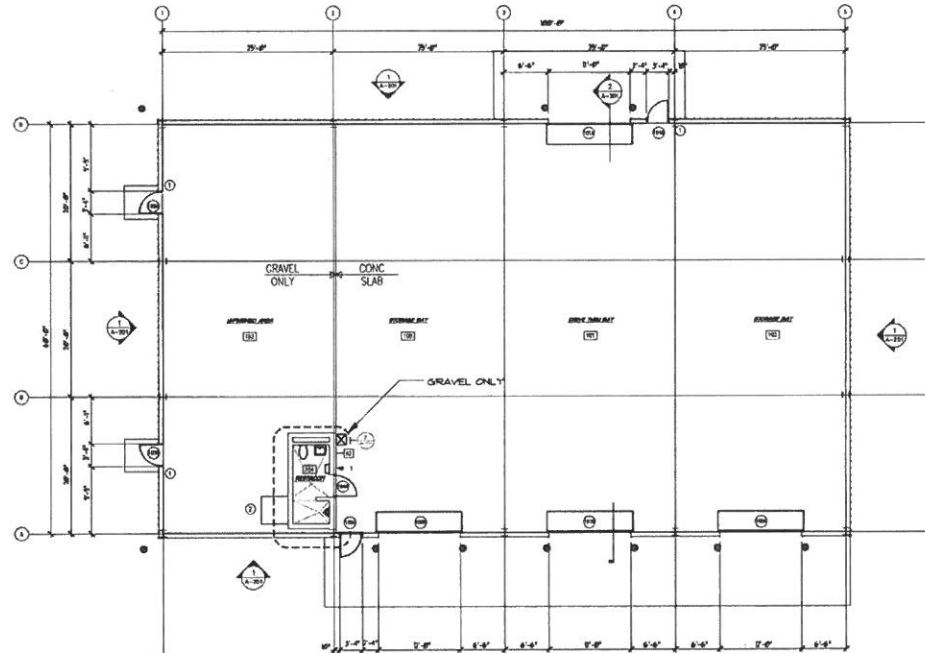
ABBREVIATIONS, SYMBOLS LEGEND, AND GENERAL NOTES

Sheet reference number: **A-0.1**

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FLOOR PLAN (FUTURE) (FOR REFERENCE ONLY)
(FINISHES N.E.C. - UNLOC.)
SCALE: 1/8" = 1'-0"



FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. CONTRACTOR TO PROVIDE BLOCKING IN THE FOLLOWING ROOMS FOR MATERIALS SUPPLIED: FURNITURE, COUNTERS, ETC.
 - ALL OFFICES
 - DINING ROOM
 - KITCHEN
 - RESTROOM
2. LOCATED AND HEIGHTS SHALL BE COORDINATED WITH CIVIL ENGINEER, CONSULT PLAN.
3. ALL PARTITIONS TO BE A-1 UNLOC.

CODED NOTES:

- ① FIRE EXTINGUISHER AND HOSE
- ② FIRE EXTINGUISHER AND HOSE

LEGEND:

- 1 HOUR FIRE WALL
- 2 HOUR FIRE WALL
- 3 HOUR FIRE WALL
- 4 HOUR FIRE WALL
- 5 HOUR FIRE WALL
- 6 HOUR FIRE WALL
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- 96 HOUR FIRE WALL
- 97 HOUR FIRE WALL
- 98 HOUR FIRE WALL
- 99 HOUR FIRE WALL
- 100 HOUR FIRE WALL

INTERIOR SIGNAGE SCHEDULE		
SYMBOL	DOOR LOCATION	DOOR VERRAGE
1	1	1

NOTE: 1. TOLIST ROOM IS NOT HANDICAPPED EQUIPPED

FINISH SCHEDULE									
NO.	ROOM NAME	FLOOR				WALLS			
		FIR	BASE	H	S	E	W	CLG	HT
100	STORAGE BAY	SC	NON	-	-	-	-	ES	VARIES
101	DRIVE THRU BAY	SC	NON	-	-	-	-	ES	VARIES
102	STORAGE BAY	SC	NON	-	-	-	-	ES	VARIES
103	STORAGE BAY	SC	NON	-	-	-	-	ES	VARIES
104	STORAGE BAY	SC	NON	-	-	-	-	ES	VARIES
105	RESTROOM	SC	NON	-	-	-	-	ES	VARIES

NOTE: (1) PAINT ALL EXPOSED CHU AROUND ROOM 104
(2) PAINT GELING
(3) PAINT CHU WALL (ARCHITECT TO SELECT TWO COLORS)

ABBREVIATIONS:
ACT-ADJUSTABLE CEILING TILE
ES-EXPOSED STEEL
SC-REINFORCED CONCRETE
SUB-CATHERED WALL BOARD OVER
3/8" METAL STUDS + 1/2" OC
OR-GRAVEL

COONSKIN PARK MAINTENANCE FACILITY

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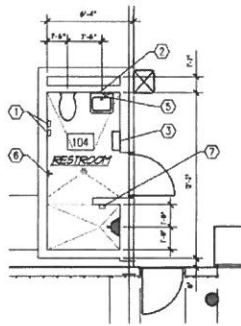
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COONSKIN PARK MAINTENANCE FACILITY



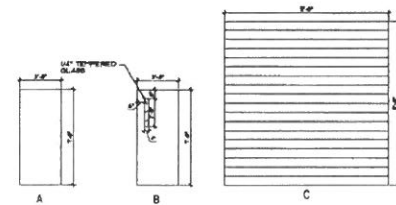
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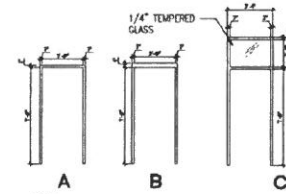
TOILET ACCESSORY SCHEDULE		
EACH RESTROOM TO RECEIVE THE FOLLOWING ITEMS:		
QUANTITY	DESCRIPTION	
1	TOILET TRIM: OPERABLE DOUBLE ROLL BACKDOOR # B-2000	
1	PAPER TOWEL DISPENSER # B-1000 SERIES	
1	PAPER TOWEL DISPENSER: OPERABLE BACKDOOR # B-1000	
1	SOAP DISPENSER # B-1000	
1	MIRROR: LAVA/ROCK GLASS (WITH HORIZONTAL MOUNTING) # B-1000	
1	MIRROR: LOCK # B-1000	
1	SOAP DISPENSER # B-1000	

1 ENLARGED FLOOR PLAN
A-12 SCALE: 1/4" = 1'-0"



2 DOOR TYPES
A-13 SCALE: 1/4" = 1'-0"

NOTE: PROVIDE 8" METAL CHANNEL AT HEAD AND JAMB TO REAR OPENING FOR DOOR TYPES



NOTE: ALL HOLLOW METAL FRAMES TO BE 5 3/4"

3 FRAME TYPES
A-14 SCALE: 1/4" = 1'-0"

OPENING SCHEDULE										
DOOR NO.	DOOR			MATERIAL	TYPE	FRAME			MATERIAL	TYPE
	WIDTH	HEIGHT	THICK			HEAD	JAMB	SILL		
006A	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C
006B	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C
006C	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C
006D	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C
006E	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C
006F	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C
006G	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C
006H	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C
006I	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C
006J	3'-0"	7'-0"	1 3/4"	HL	B	VL	-	-	HL	C

NOTE: 1 COORDINATE HEAD JAMB AND THRESHOLD DETAILS IN MAINTENANCE BAYS WITH METAL BUILDING MANUFACTURER.
2 VERIFY JAMB DEPTH WITH PRE-ENGINEERED METAL BUILDING MANUFACTURER.
3 ALL HARDWARE FOR OVERHEAD COILING DOORS SHALL BE PROVIDED BY OVERHEAD DOOR MANUFACTURER.
4 ALL DOORS, FRAMES AND EXPOSED STEEL SHALL BE PAINTED ON ALL EXTERIOR AND INTERIOR SURFACES.

COOKSON PARK MAINTENANCE FACILITY

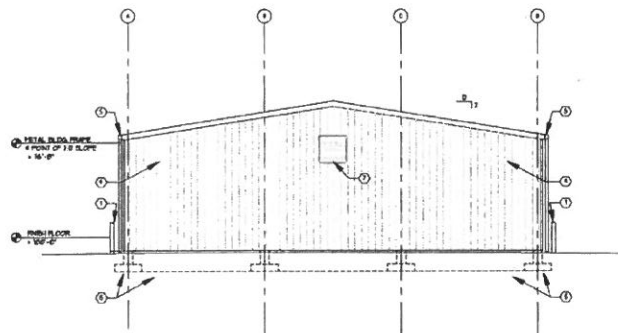
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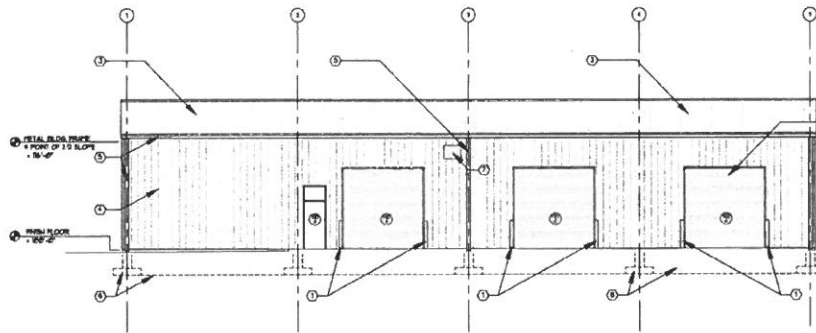
COOKSON PARK
MAINTENANCE FACILITY

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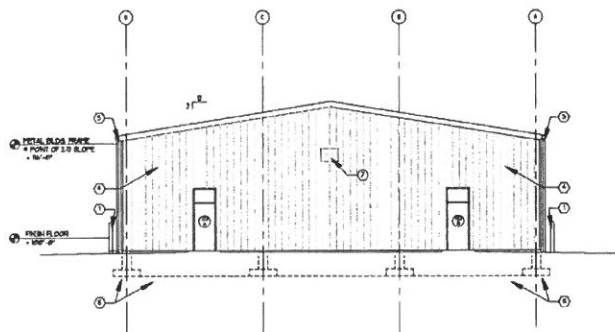
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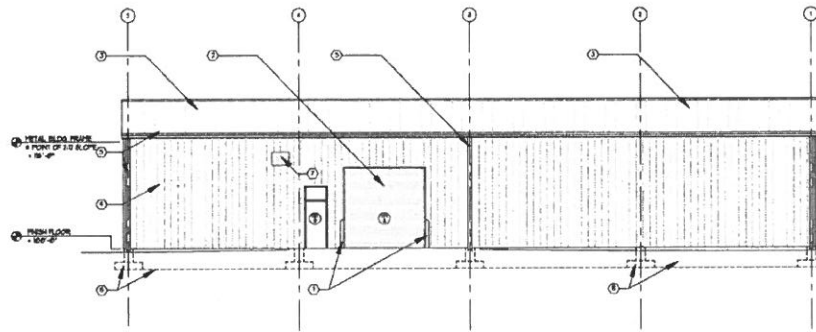
1 SIDE ELEVATION
A-1 SCALE: 1/8" = 1'-0"



2 FRONT ELEVATION
A-2 SCALE: 1/8" = 1'-0"



3 SIDE ELEVATION
A-3 SCALE: 1/8" = 1'-0"



4 REAR ELEVATION
A-4 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. CONTRACTOR TO PROVIDE BUILDING IN THE FOLLOWING MANNER FOR BRIDGES SUPPLIED: PLUMBING, CEMENT, CONCRETE, ETC. LOCATION AND HEIGHTS SHALL BE COORDINATED WITH OWNER.

KEYED NOTES:

- 1 ROLLERS (TYP)
- 2 1/2" x 1/2" OVERHEAD DOOR (TYP)
- 3 METAL BUILDING STANDING SEAM ROOF (TYP)
- 4 METAL BUILDING SIDING (TYP)
- 5 GUTTER AND DOWNSPOUTS (TYP)
- 6 FOUNDATION - SEE STRUCTURAL
- 7 LOADERS - SEE MECHANICAL

COONSKIN PARK MAINTENANCE FACILITY

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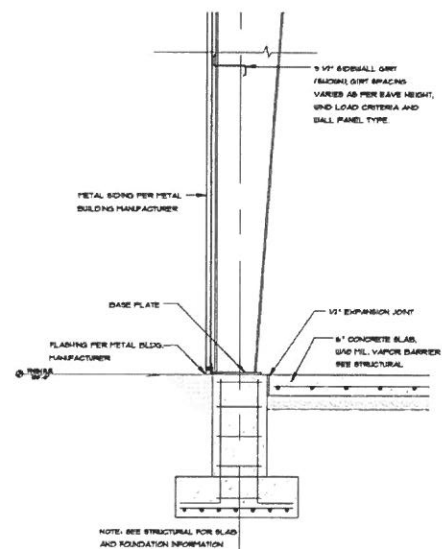
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COONSKIN PARK MAINTENANCE FACILITY

SCHEMATIC BRIDGING ELEVATIONS

Sheet 000033

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A-31 SCALE: 3/4" = 1'-0"



- ① FUTURE CMU WALL
- ② FIRE RATED CMU WALL
- ③ CONCRETE APRON - SEE CML
- ④ COILING OVERHEAD DOOR
- ⑤ CUTTER
- ⑥ 8" CONCRETE SLAB - SEE STRUCTURAL
- ⑦ PRE-ENGINEERED BUILDING ROOFING SYSTEM
- ⑧ PRE-ENGINEERED BUILDING WALL SYSTEM
- ⑨ GRAVEL DRIVE - RAMP UP AT APRONS

COONSKIN PARK MAINTENANCE FACILITY	
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COONSKIN PARK
MAINTENANCE FACILITY

**SCHEMATIC
BUILDING SECTION**

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GENERAL

THESE NOTES ARE FOR GENERAL INFORMATION. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS BEFORE PROCEEDING WITH THE WORK, AND DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND THE ACTUAL FIELD CONDITIONS MUST BE REPORTED IMMEDIATELY TO THE ENGINEER/ARCHITECT.

COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR LIMITS, SHELF ANGLES, SIZE AND LOCATION OF FLOOR SLOPES, DERESSED AREAS, FINISH FLOORS, CHIMNEYS, ROOFS, ROOF CODES, INSULATION, ETC.

COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR PIPE SIZES, FLOOR DRAINS, ROOF DRAINS, INSERTS, HANGERS, TRENCHES, PITS, WALL AND SLAB OPENINGS, CONDUIT RUNS IN WALLS AND SLABS, SIZE AND LOCATION OF MACHINE OR EQUIPMENT SUPPORTS, BASES AND ANCHOR BOLTS, ETC.

COORDINATE WITH SITE, ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND CIVIL DRAWINGS FOR RETAINING WALLS, PIDS, PAVEMENT AND OTHER EXISTOR STRUCTURES.

SHOP DRAWINGS PREPARED BY SUPPLIERS AND SUBCONTRACTORS SHALL BE REVIEWED AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO SUBMISSION TO THE ENGINEER/ARCHITECT.

THE STRUCTURE IS DESIGNED TO BE STABLE AND SELF-SUPPORTING AT THE COMPLETION OF CONSTRUCTION. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND REQUIREMENTS TO INSURE THE STABILITY AND SAFETY OF THE BUILDING AND ITS COMPONENT PARTS, AND THE ADEQUACY OF TEMPORARY OR INCOMPLETE CONNECTIONS DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF MAINTENANCE THROUGHTOUT BRACING, SHORING OR TIE-BACKS THAT MAY BE NECESSARY.

DESIGN LOADS

DEAD LOADS:	SELF-WEIGHT
LIVE LOADS:	
FIRST FLOOR	100 PSF
ROOF	20 PSF

ROOF SNOW LOADS:	
GROUND SNOW LOAD, P_g	30 PSF
ROOF SNOW LOAD	23 PSF
EXPOSURE FACTOR, C_e	1.0
THERMAL FACTOR, C_t	1.0
SLIDING SNOW SURCHARGE	0 PSF
RAIN-ON-SNOW SURCHARGE	5 PSF

WIND DESIGN DATA:	
BASIC WIND SPEED (3-SECOND DUST)	90 MPH
WIND IMPORTANCE FACTOR, I	1.0
BUILDING CATEGORY	II
WIND EXPOSURE	C
POSITIVE ROOF PRESSURE, COMPONENTS AND CLADDING	11 PSF
NEGATIVE ROOF PRESSURE, COMPONENTS AND CLADDING	44 PSF
POSITIVE WALL PRESSURE, COMPONENTS AND CLADDING	18 PSF
NEGATIVE WALL PRESSURE, COMPONENTS AND CLADDING	25 PSF

EARTHQUAKE DESIGN DATA:	
SEISMIC IMPORTANCE FACTOR, I_E	1.0
SEISMIC USE GROUP	I
UNIFIED SEISMIC RESPONSE ACCELERATIONS, S_a AND S_1	0.165 AND 0.7% 0.225 AND 13.8%
SPECTRAL RESPONSE COEFFICIENTS, C_S AND C_D	0.225 AND 13.8%
SEISMIC DESIGN CATEGORY	C
BASIC SEISMIC-FORCE-RESISTING SYSTEM	BEARING WALL SYSTEM
SEISMIC RESPONSE COEFFICIENT, C_R	5.7%
RESPONSE MODIFICATION FACTOR, R	4.0
ANALYSIS PROCEDURE USED	EQUILIBRIUM LATERAL FORCE

CODES AND SPECIFICATIONS

INTERNATIONAL BUILDING CODE - 2006 EDITION	
AMERICAN CONCRETE INSTITUTE:	
ACI 301 - SPECIFICATIONS FOR STRUCTURAL CONCRETE	
ACI 308.1R - GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION	
ACI 308R - GUIDE FOR MEASURING, USING, TRANSPORTING AND PLACING CONCRETE	
ACI 311.1R - NOT MANUAL OF CONCRETE INSPECTION (CP-2)	
ACI 310 - DETAILS AND DETAILING OF CONCRETE REINFORCEMENT	
ACI 318 - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE	
ACI 347 - GUIDE TO FORMWORK FOR CONCRETE	
ACI SP-17(1) REFERENCE MANUAL	
ACI 320 - BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES	
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) - MANUAL OF STEEL CONSTRUCTION - ALLOWABLE STRESS DESIGN, 13TH EDITION	
SEI-401	
"SPECIFICATIONS AND COMMENTARIES FOR NONCOMPOSITE STEEL DECK"	
"SPECIFICATIONS AND COMMENTARIES FOR STEEL ROOF DECK"	

ABBREVIATIONS	
AB	= ANCHOR BOLT
C/C	= CENTER TO CENTER
CONT	= CONTINUOUS
IT	= EACH FACE
EL	= ELEVATION
EV	= EACH WAY
FD	= FLOOR DOWN
U	= ISOLATING JOINT
O.C.	= ONE CENTER
SP	= SPICE
TAB	= TOP AND BOTTOM
TYP	= TYPICAL
U.N.D.	= UNLESS NOTED OTHERWISE
WWR	= WELDED WIRE REINFORCEMENT

CONCRETE AND REINFORCEMENT

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"

ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE ACI 318.

ALL REINFORCING DETAILS SHALL CONFORM TO DETAILS AND DETAILING OF REINFORCEMENT ACI 310, UNLESS DETAIL OTHERWISE ON THE STRUCTURAL DRAWINGS.

VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, ANCHOR BOLTS, INSERTS, ETC., AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED. NO SLEEVE, OPENING, ANCHOR BOLT, OR INSERT SHALL BE CAST INTO CONCRETE UNLESS SHOWN ON SHOP DRAWINGS WHICH HAVE BEEN REVIEWED BY THE ENGINEER.

PROVIDE ADEQUATE BOLSTERS, H-CHAMPS, SUPPORT BARS, ETC., TO MAINTAIN SPECIFIED CLEARANCES FOR THE ENTIRE LENGTH OF ALL REINFORCING BARS. CONTRACTOR SHALL SUBMIT PROPOSED CONSTRUCTION JOINT LOCATIONS AND DETAILS TO THE ENGINEER FOR REVIEW.

PROVIDE 1/2-INCH CHAMFER ON ALL EXPOSED CORNERS OF COLUMNS, BEAMS AND WALLS UNLESS OTHERWISE INDICATED ON THE ARCHITECTURAL DRAWINGS.

ALL REINFORCING DETAILS SHALL CONFORM TO DETAILS AND DETAILING OF REINFORCEMENT ACI 310, UNLESS DETAIL OTHERWISE ON THE STRUCTURAL DRAWINGS.

DO NOT PLACE REINFORCING STEEL OR CONCRETE FOR FOOTINGS AND SLABS ON GRADE UNTIL THE BEARING SURFACE HAS BEEN APPROVED BY THE ENGINEER.

DO NOT PLACE CONCRETE IN EXCAVATION CONTAINING WATER OR FROZEN SOIL.

VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, ANCHOR BOLTS, INSERTS, ETC., AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED. NO SLEEVE, OPENING, ANCHOR BOLT, OR INSERT SHALL BE CAST INTO CONCRETE UNLESS SHOWN ON SHOP DRAWINGS WHICH HAVE BEEN REVIEWED BY THE ENGINEER.

IN CONSTRUCTION JOINTS IN BEAMS, SUPPORTED SLABS AND WALL FOOTINGS, PROVIDE HORIZONTAL INTERLAP AT MEMBER CENTERLINE WITH A DEPTH OF 1 1/2 INCH AND HEIGHT EQUAL TO ONE-THIRD OF THE MEMBER'S DEPTH.

ALL SLAB ON GRADE CONSTRUCTION JOINTS TO BE TOoled (1/8" x 2" DEPT) AND FILLED WITH SEALANT U.N.D.

PITCH CONCRETE SLABS TO FLOOR DRAINS SHOWN ON MECHANICAL AND ARCHITECTURAL DRAWINGS.

IN CONSTRUCTION JOINTS IN SLABS, WALL FOOTINGS PROVIDE HORIZONTAL INTERLAP AT MEMBER CENTERLINE WITH A DEPTH OF 1 1/2 INCH AND HEIGHT EQUAL TO ONE-THIRD OF THE MEMBER'S DEPTH. CONTINUE REINFORCING THROUGH JOINT. SUBMIT LOCATION OF JOINTS FOR APPROVAL.

SEE ARCHITECTURAL DRAWINGS FOR FINISH MATERIAL APPLIED TO CONCRETE SURFACES. COORDINATE CONCRETE DIMENSIONS, LIFTS, ETC. WITH ARCHITECTURAL DETAILS.

STRUCTURAL GENERAL NOTES

CONCRETE PROTECTION (COVER) FOR REINFORCING BARS SHALL BE AS FOLLOWS:

CAST-IN-PLACE CONCRETE	CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	CONCRETE EXPOSED TO EARTH OR WEATHER	CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND SLABS, WALL, JOISTS (1) BUT AND SMALLER
#3	2 IN.	2 IN.	1 1/2 IN.
#4	2 IN.	2 IN.	1 1/2 IN.
#5	2 IN.	2 IN.	1 1/2 IN.
#6	2 IN.	2 IN.	1 1/2 IN.
#7	2 IN.	2 IN.	1 1/2 IN.
#8	2 IN.	2 IN.	1 1/2 IN.
#9	2 IN.	2 IN.	1 1/2 IN.
#10	2 IN.	2 IN.	1 1/2 IN.
#11	2 IN.	2 IN.	1 1/2 IN.
#12	2 IN.	2 IN.	1 1/2 IN.
#13	2 IN.	2 IN.	1 1/2 IN.
#14	2 IN.	2 IN.	1 1/2 IN.
#15	2 IN.	2 IN.	1 1/2 IN.
#16	2 IN.	2 IN.	1 1/2 IN.
#17	2 IN.	2 IN.	1 1/2 IN.
#18	2 IN.	2 IN.	1 1/2 IN.
#19	2 IN.	2 IN.	1 1/2 IN.
#20	2 IN.	2 IN.	1 1/2 IN.
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#22	2 IN.	2 IN.	1 1/2 IN.
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#24	2 IN.	2 IN.	1 1/2 IN.
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#50	2 IN.	2 IN.	1 1/2 IN.
#51	2 IN.	2 IN.	1 1/2 IN.
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#53	2 IN.	2 IN.	1 1/2 IN.
#54	2 IN.	2 IN.	1 1/2 IN.
#55	2 IN.	2 IN.	1 1/2 IN.
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#78	2 IN.	2 IN.	1 1/2 IN.
#79	2 IN.	2 IN.	1 1/2 IN.
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#81	2 IN.	2 IN.	1 1/2 IN.
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#84	2 IN.	2 IN.	1 1/2 IN.
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#91	2 IN.	2 IN.	1 1/2 IN.
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#93	2 IN.	2 IN.	1 1/2 IN.
#94	2 IN.	2 IN.	1 1/2 IN.
#95	2 IN.	2 IN.	1 1/2 IN.
#96	2 IN.	2 IN.	1 1/2 IN.
#97	2 IN.	2 IN.	1 1/2 IN.
#98	2 IN.	2 IN.	1 1/2 IN.
#99	2 IN.	2 IN.	1 1/2 IN.
#100	2 IN.	2 IN.	1 1/2 IN.

ALL REINFORCING STEEL LAP SPICES SHALL CONFORM TO THE MINIMUM LAP SPICE AND ANCHORAGE DIMENSION TABLE UNLESS SHOWN OR NOTE OTHERWISE. ANCHORAGE DIMENSION SHALL BE AS SHOWN OR NOTED.

MINIMUM LAP SPICE AND ANCHORAGE DIMENSION TABLE (L.O.S. FOR CONCRETE)

BAR SIZE	TOP BARS	OTHER BARS
SIZE	SPICE	ANCHORAGE
#3	12"	12"
#4	12"	12"
#5	12"	12"
#6	12"	12"
#7	12"	12"
#8	12"	12"
#9	12"	12"
#10	12"	12"
#11	12"	12"
#12	12"	12"
#13	12"	12"
#14	12"	12"
#15	12"	12"
#16	12"	12"
#17	12"	12"
#18	12"	12"
#19	12"	12"
#20	12"	12"
#21	12"	12"
#22	12"	12"
#23	12"	12"
#24	12"	12"
#25	12"	12"
#26	12"	12"
#27	12"	12"
#28	12"	12"
#29	12"	12"
#30	12"	12"
#31	12"	12"
#32	12"	12"
#33	12"	12"
#34	12"	12"
#35	12"	12"
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#37	12"	12"
#38	12"	12"
#39	12"	12"
#40	12"	12"
#41	12"	12"
#42	12"	12"
#43	12"	12"
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#46	12"	12"
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#66	12"	12"
#67	12"	12"
#68	12"	12"
#69	12"	12"
#70	12"	12"
#71	12"	12"
#72	12"	12"
#73	12"	12"
#74	12"	12"
#75	12"	12"
#76	12"	12"
#77	12"	12"
#78	12"	12"
#79	12"	12"
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#81	12"	12"
#82	12"	12"
#83	12"	12"
#84	12"	12"
#85	12"	12"
#86	12"	12"
#87	12"	12"
#88	12"	12"
#89	12"	12"
#90	12"	12"
#91	12"	12"
#92	12"	12"
#93	12"	12"
#94	12"	12"
#95	12"	12"
#96	12"	12"
#97	12"	12"
#98	12"	12"
#99	12"	12"
#100	12"	12"

NOTES

1. WHEN LAPPING TWO DIFFERENT SIZE BARS, USE THE SPICE DIMENSION OF THE SMALLER BAR OR THE ANCHORAGE DIMENSION OF THE LARGER BAR. USE WHICHEVER DIMENSION IS LARGER.
2. TOP BARS SHALL BE BEAM AND SLAB HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE TOP REINFORCEMENT.
3. ALL STANDARD HOOKS PER ACI-318.
4. THIS TABLE SHALL NOT BE USED WHERE CLEAR COVER IS LESS THAN 2" OR WHERE CENTER TO CENTER BAR SPACING IS LESS THAN 6".

ALLOW 12 HOURS TO ELAPSE BETWEEN ADJACENT CONCRETE PLACES.

ALL WELDED WIRE FABRIC SHALL BE SUPPLIED IN MATS (NOT ROLLS).

ALL ALUMINUM IN CONTACT WITH CONCRETE SHALL BE COATED WITH TWO COATS OF MAEST.

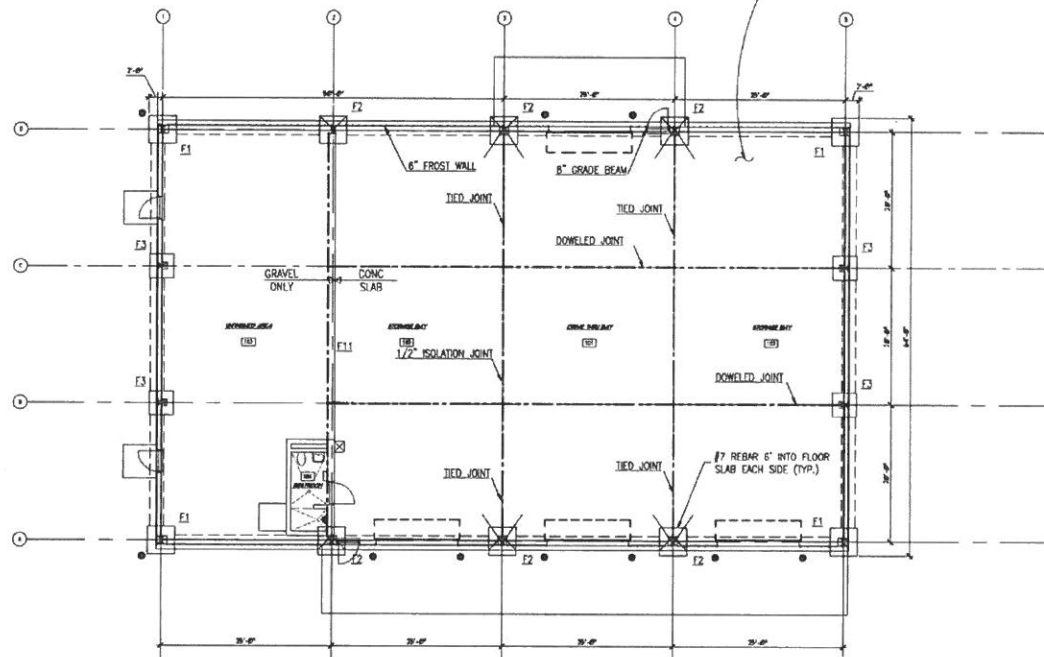
LAP SPICE WELDED WIRE FABRIC ONE SPACE PLUS 2 INCHES AT EDGES AND ENDS AND PROVIDE ADDITIONAL REINFORCING WHERE SHOWN ON DRAWINGS. PLACE WITH 3 INCHES FROM TOP OF SLAB FOR SLABS ON GROUND AND 1 INCH FROM TOP OF SUPPORTED SLABS U.N.D.

NO HORIZONTAL ELECTRICAL CONDUIT SHALL BE PLACED IN SLABS.

MINIMUM SPACING OF CENTER JOINTS IN SLABS ON GRADE SHALL BE 12 FOR 4" SLAB, 12 FOR 5" SLAB, 12 FOR 6" SLAB, 12 FOR 7" SLAB, 12 FOR 8" SLAB, 12 FOR 9" SLAB, 12 FOR 10" SLAB, 12 FOR 11" SLAB, 12 FOR 12" SLAB, 12 FOR 13" SLAB, 12 FOR 14" SLAB, 12 FOR 15" SLAB, 12 FOR 16" SLAB, 12 FOR 17" SLAB, 12 FOR 18" SLAB, 12 FOR 19" SLAB, 12 FOR 20" SLAB, 12 FOR 21" SLAB, 12 FOR 22" SLAB, 12 FOR 23" SLAB, 12 FOR 24" SLAB, 12 FOR 25" SLAB, 12 FOR 26" SLAB, 12 FOR 27" SLAB, 12 FOR 28" SLAB, 12 FOR 29" SLAB, 12 FOR 30" SLAB, 12 FOR 31" SLAB, 12 FOR 32" SLAB, 12 FOR 33" SLAB, 12 FOR 34" SLAB, 12 FOR 35" SLAB, 12 FOR 36" SLAB, 12 FOR 37" SLAB, 12 FOR 38" SLAB, 12 FOR 39" SLAB, 12 FOR 40" SLAB, 12 FOR 41" SLAB, 12 FOR 42" SLAB, 12 FOR 43" SLAB, 12 FOR 44" SLAB, 12 FOR 45" SLAB, 12 FOR 46" SLAB, 12 FOR 47" SLAB, 12 FOR 48" SLAB, 12 FOR 49" SLAB, 12 FOR 50" SLAB, 12 FOR 51" SLAB, 12 FOR 52" SLAB, 12 FOR 53" SLAB, 12 FOR 54" SLAB, 12 FOR 55" SLAB, 12 FOR 56" SLAB, 12 FOR 57" SLAB, 12 FOR 58" SLAB, 12 FOR 59" SLAB, 12 FOR 60" SLAB, 12 FOR 61" SLAB, 12 FOR 62" SLAB, 12 FOR 63" SLAB, 12 FOR 64" SLAB, 12 FOR 65" SLAB, 12 FOR 66" SLAB, 12 FOR 67" SLAB, 12 FOR 68" SLAB, 12 FOR 69" SLAB, 12 FOR 70" SLAB, 12 FOR 71" SLAB, 12 FOR 72" SLAB, 12 FOR 73" SLAB, 12 FOR 74" SLAB, 12 FOR 75" SLAB, 12 FOR 76" SLAB, 12 FOR 77" SLAB, 12 FOR 78" SLAB, 12 FOR 79" SLAB, 12 FOR 80" SLAB, 12 FOR 81" SLAB, 12 FOR 82" SLAB, 12 FOR 83" SLAB, 12 FOR 84" SLAB, 12 FOR 85" SLAB, 12 FOR 86" SLAB, 12 FOR 87" SLAB, 12 FOR 88

GENERAL NOTES:

6" PCC FLOOR SLAB, WITH SMOOTH STEEL TROWEL FINISH AND COATED WITH CURING/HARDENING COMPOUND. SEE SITE WORK SPEC. NOTES FOR ALL OTHER CONCRETE REQUIREMENTS.



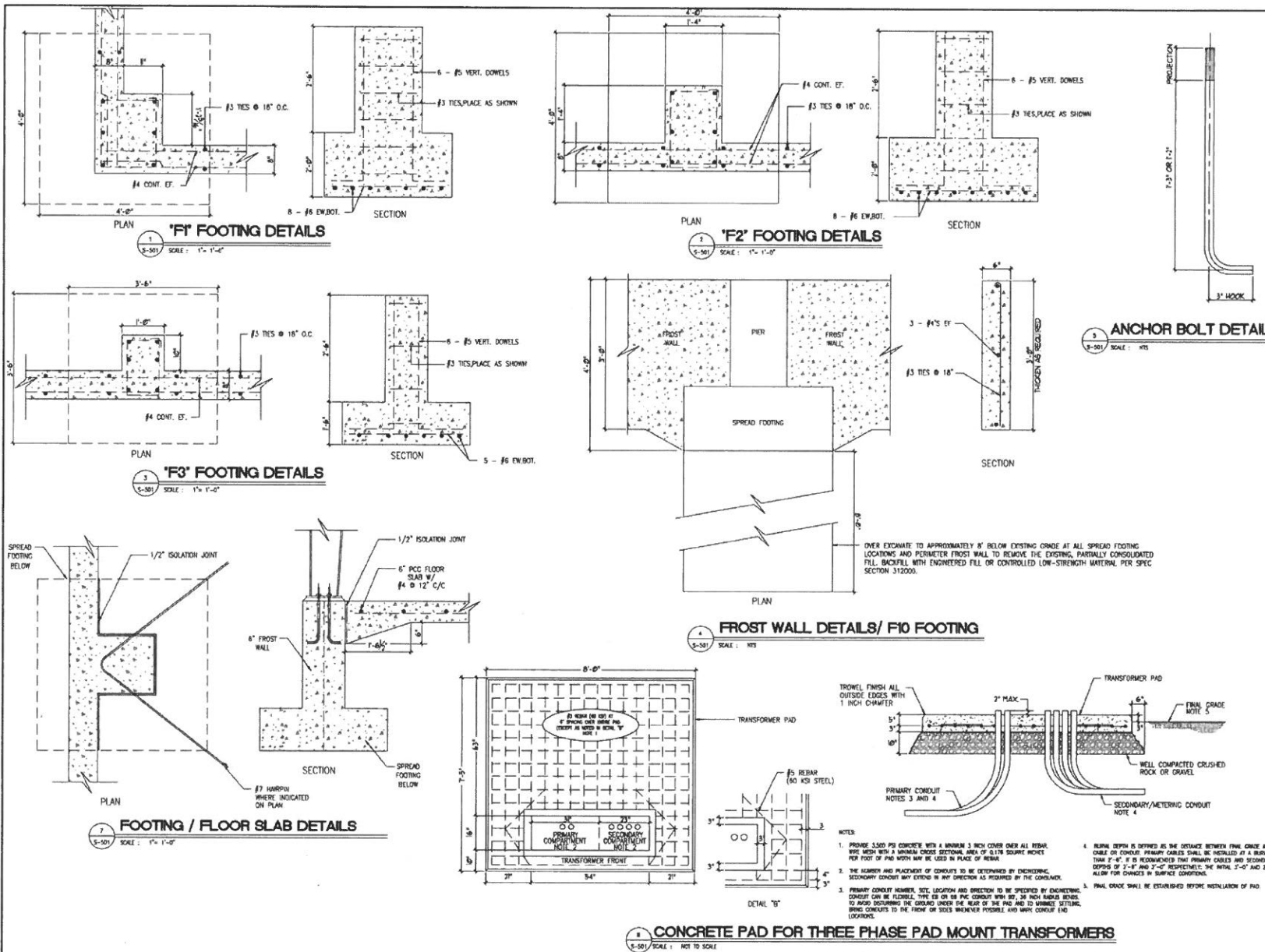
FOUNDATION PLAN
 1/2" = 1'-0"

FLOOR SLAB LEGEND

- = TIED CONSTRUCTION JOINT
- - - = 6" X 12" SAWCUT JOINT
- - - = BUILT JOINT
- - - = DOWELED CONSTRUCTION JOINT
- - - = 6" ISOLATION JOINT
- ✓ = #7 HARPIN ENBED 6" INTO FLOOR SLAB



COONSUEN PARK MAINTENANCE FACILITY	
Project No. 12/10/13 Date 12/10/13 Project No. 115625 Design No. 115625 Drawn By: RLB Checked By: RLB Date 12/10/13 Title FOUNDATION PLAN	SHEET NO. 00036 OF 00036 1



COONSKIN PARK MAINTENANCE FACILITY

REV	DESCRIPTION	DATE	BY	CHKD
1				
2				
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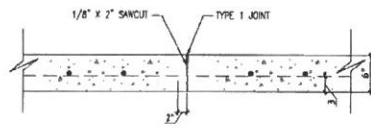
Drawn by:	DATE:	1/3/2025
Check by:	DATE:	
Reviewed by:	DATE:	
Approved by:	DATE:	
Project No.:	135025	
Sheet No.:	135025.13	
Scale:	AS SHOWN	
Author:	FILED	

COONSKIN PARK
MAINTENANCE FACILITY

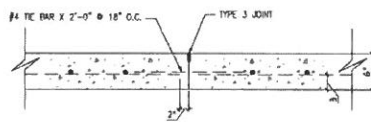
FOOTING DETAILS

Sheet reference
number:
S-2

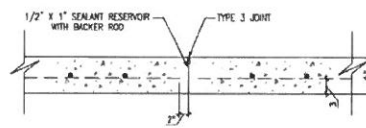
000037



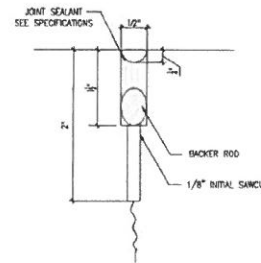
1 SAWCUT CONTRACTION JOINT
SCALE: NTS



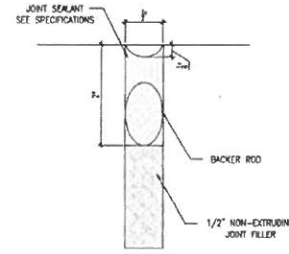
4 TIED CONSTRUCTION JOINT
SCALE: NTS



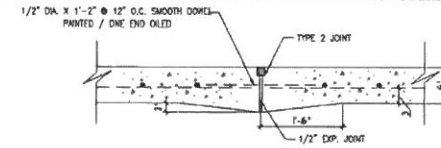
2 BUTT JOINT
SCALE: NTS



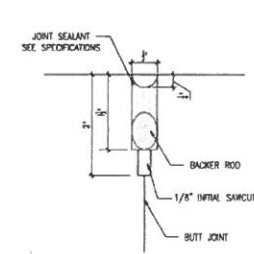
3 TYPE 1 JOINT DETAIL
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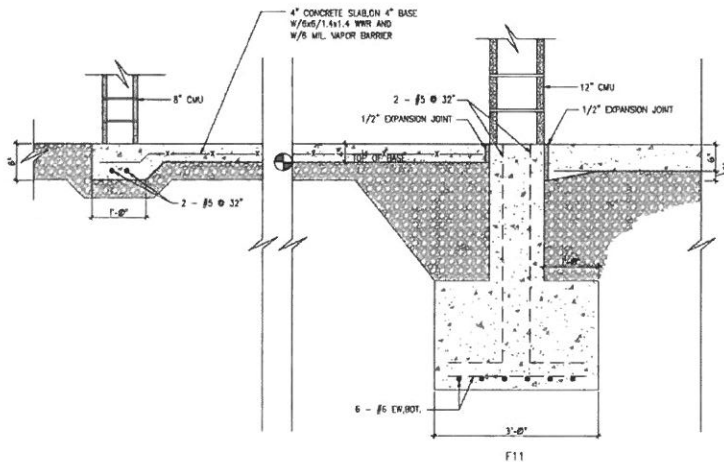
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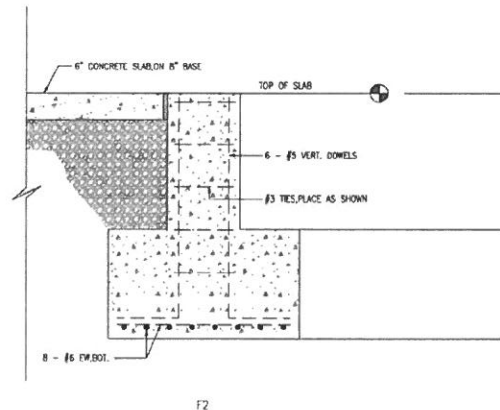
3 DOWELED CONSTRUCTION JOINT
SCALE: NTS



7 TYPE 3 JOINT DETAIL
SCALE: NTS



8 'FIT' FOOTING DETAIL
SCALE: NTS



F2

COONSIGN PARK MAINTENANCE FACILITY	
DATE	11/10/13
BY	125525
CHECKED BY	125525
APPROVED BY	125525
DATE	11/10/13
BY	125525
CHECKED BY	125525
APPROVED BY	125525

REV	DESCRIPTION	DATE	BY	CHECKED	APPROVED
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10					

Designed by:	PWF	Date:	12/10/13	Rev:	
Drawn by:	MPJ	Checked by:	135625	Project No.	135625
Reviewed by:		Printing date:			
Authorized by:	RLB	File name:		Alt date:	12/10/13
				Plot scale:	NOTED

COONSIGN PARK MAINTENANCE FACILITY

JOINT DETAILS
Sheet reference number: S-3

000038

PLUMBING SYMBOLS AND LEGEND

SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION
	ABV	ABOVE		DFU	DRAINAGE FIXTURE UNIT		CWH	COLD WATER HEATER		P&T	PRESSURE & TEMPERATURE
	AC	AIR COMPRESSOR		DF	DIRECTION OF FLOW		GV	GATE VALVE		PSI	PRESSURE PER SQUARE INCH
	AD	AREA DRAIN		DN	DRAIN		GDD	GARBAGE DISPOSAL		PR	PRESSURE REGULATOR WITH PRESSURE GAUGE
	AF	ABOVE FINISHED FLOOR		DN	DRAINAGE		GC	GENERAL CONTRACTOR		PRV	PRESSURE & TEMPERATURE RELIEF VALVE
	AFR	ABOVE FINISHED ROOF		DV	DRAIN VALVE		CV	CLOSE VALVE		QD	QUICK DISCONNECT
	AFG	ABOVE FINISHED GRANGE		DO	DRAIN OIL		CO	CLEAN OIL		PRV	PRESSURE & TEMPERATURE RELIEF VALVE
	AP	ACCESS PANEL		DD	DRAIN DOWN		HB	HOSE BIBB		RP	RECIRCULATING PUMP
	AO	AIR OUTLET		DU	DRAIN UP		HBCQ	HOSE BIBB & QUICK COUPLERS		RH	RELATIVE HUMIDITY
	ATF	AUTOMATIC TRANSMISSION FLUID		DU	DRAIN UP		HWP	HOT WATER PIPING		RWC	RAINWATER CONDUCTOR
	AGF	ANGLE GATE - FLY		DU	DRAIN UP		HWP	HOT WATER PIPING		SRV	SAFETY RELIEF VALVE
	AGP	ANGLE GATE - PLAN		DU	DRAIN UP		HWP	HOT WATER PIPING		S	SINK
	AHU	AIR HANDLING UNIT		DU	DRAIN UP		HWP	HOT WATER PIPING		SR	SHOCK RESISTOR W/PT AS INDICATED
	AST	ABOVE GROUND STORAGE TANK		DU	DRAIN UP		HWP	HOT WATER PIPING		SP	SANITARY PIPING
	BR	BOTTOM OF ROOFING		DU	DRAIN UP		HWP	HOT WATER PIPING		SH	SHOWER
	BFP	BACKFLOW PREVENTER WITH TEST VALVES		DU	DRAIN UP		HWP	HOT WATER PIPING		SFU	SUPPLY FIXTURE UNIT
	BV	BALL VALVE		DU	DRAIN UP		HWP	HOT WATER PIPING		SF	SQUARE FEET
	BB	BRANCH - BOTTOM CONNECTION		DU	DRAIN UP		HWP	HOT WATER PIPING		SD	STORM DRAIN PIPING
	BT	BRANCH - TOP CONNECTION		DU	DRAIN UP		HWP	HOT WATER PIPING		STR	STRAINER
	BL	BRANCH THERMAL LIMB		DU	DRAIN UP		HWP	HOT WATER PIPING		SWC	SULF WASTE CONNECTION
	CB	CATCH BASIN		DU	DRAIN UP		HWP	HOT WATER PIPING		TD	TRENCH DRAIN
	CA	COMPRESSED AIR PIPE		DU	DRAIN UP		HWP	HOT WATER PIPING		TE	TOP ELEVATION
	CFH	CLEAN FEET PER HOUR		DU	DRAIN UP		HWP	HOT WATER PIPING		TOU	TEE OUTLET UP
	CV	CHECK VALVE		DU	DRAIN UP		HWP	HOT WATER PIPING		TOD	TEE OUTLET DOWN
	COV	CLEAN-OUT IN VERTICAL		DU	DRAIN UP		HWP	HOT WATER PIPING		TOD	TEE OUTLET DOWN
	COH	CLEAN-OUT IN HORIZONTAL		DU	DRAIN UP		HWP	HOT WATER PIPING		TOD	TEE OUTLET DOWN
	CWP	COLD WATER PIPING		DU	DRAIN UP		HWP	HOT WATER PIPING		TOD	TEE OUTLET DOWN
	CONC	CONCRETE		DU	DRAIN UP		HWP	HOT WATER PIPING		TOD	TEE OUTLET DOWN
	CON	CONNECTION		DU	DRAIN UP		HWP	HOT WATER PIPING		TOD	TEE OUTLET DOWN
	COND	CONDENSATION		DU	DRAIN UP		HWP	HOT WATER PIPING		TOD	TEE OUTLET DOWN
	CON	CONTRACTION		DU	DRAIN UP		HWP	HOT WATER PIPING		TOD	TEE OUTLET DOWN

GENERAL NOTES:

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE FOR AN OPERABLE PLUMBING SYSTEM AS INDICATED ON THE DRAWINGS, AS SPECIFIED, AND AS REQUIRED BY CODE.
2. CONTRACT DOCUMENT DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL APPEARANCE ONLY. LOCATE ALL PLUMBING EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
3. COORDINATE CONSTRUCTION OF ALL PLUMBING WORK WITH ARCHITECTURAL, STRUCTURAL, CIVIL, SOILS, MECHANICAL, ELECTRICAL WORK, ETC., AS SHOWN IN OTHER CONTRACT DOCUMENTS.
4. ALL TESTS SHALL BE COMPLETED BEFORE ANY EQUIPMENT OR PIPING INSULATION IS APPLIED.
5. LOCATE ALL TEMPERATURE, PRESSURE AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH A STRAIGHT SECTION OF PIPE UPSTREAM AND DOWNSTREAM, AS RECOMMENDED BY THE DEVICE MANUFACTURER FOR ACCURACY.
6. WHERE TWO OR MORE PRODUCTS OF THE SAME TYPE OF EQUIPMENT ARE REQUIRED, THE PRODUCTS OF A SINGLE MANUFACTURER SHALL BE USED.
7. COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL TRANSITIONS REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE ALL PIPING DIMENSIONS BEFORE FABRICATION.
8. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DRAWING DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATION NECESSARY TO ACHIEVE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED BY THE PROJECT SITE CONDITIONS. DO NOT SCALE DRAWINGS.
9. PROVIDE ACCESS PANELS FOR INSTALLATION IN WALLS AND CEILINGS. WHERE REQUIRED, TO SERVICE VALVES AND OTHER CONCEALED PLUMBING EQUIPMENT, DEVICES, ETC. ACCESS PANELS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR FOR INSTALLATION.
10. LOCATIONS AND SIZES OF ALL FLOOR, WALL AND ROOF OPENINGS SHALL BE COORDINATED WITH ALL OTHER TRADES INVOLVED.
11. ALL OPENINGS IN FIRE RESISTANCE RATED WALLS DUE TO DUCTWORK, PIPING, CONDUIT, ETC., SHALL BE FIRE STOPPED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM E 814 & UL 1418. SANITARY, SEAL/TRESTOP AS REQUIRED AT SMOKE RATED SURFACES AS WELL.
12. CERTAIN ITEMS SUCH AS RISERS AND DROPS IN PIPING, ACCESS DOORS, ETC. ARE INDICATED ON THE CONTRACT DOCUMENT DRAWINGS FOR CLARITY FOR A SPECIFIC LOCATION REQUIREMENT AND SHALL NOT BE INTERPRETED AS THE EXTENT OF THE REQUIREMENTS FOR THESE TYPES OF ITEMS.
13. LOCATE ALL PLUMBING EQUIPMENT FOR UNRESTRICTED ACCESS TO UNIT ACCESS PANELS, CONTROLS, VALVING, ETC.
14. PROVIDE FLEXIBLE CONNECTIONS IN ALL PIPING CONNECTED TO UNIT HEATERS AND OTHER EQUIPMENT WHICH REQUIRES VIBRATION ISOLATION. FLEXIBLE CONNECTIONS SHALL BE PROVIDED AT THE POINT OF CONNECTION TO THE EQUIPMENT UNLESS OTHERWISE INDICATED.
15. INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES AND OTHER APPURTENANCES REQUIRING ACCESS ARE EASILY ACCESSIBLE. ALL VALVES SHALL BE INSTALLED SO THAT THE VALVE REMAINS IN SERVICE WHEN EQUIPMENT OR PIPING ON EQUIPMENT SIDE OF VALVE IS REMOVED. ALL BALANCING VALVES AND BUTTERFLY VALVES SHALL BE PROVIDED WITH POSITION INDICATORS AND MANUAL ADJUSTABLE STOPS (W/VA HEAVY STOPS). ALL VALVES (EXCEPT CONTROL VALVES) AND STRAINERS SHALL BE FULL SIZE OF PIPE BEFORE REDUCING SIZE TO MAKE CONNECTIONS TO EQUIPMENT AND CONTROLS.
16. LINES AND/OR FLANGES SHALL BE INSTALLED AT EACH PIECE OF EQUIPMENT AND IN BYPASSES TO PERMIT DISASSEMBLY FOR ALTERATION AND REPAIRS. INSTALL ALL PIPING WITHOUT FORCING OR SHIMMING.
17. ALL PIPING SHALL BE COORDINATED WITH ALL TRADES INVOLVED. PROPERLY CONSTRUCTED OFFSETS IN PIPING AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST.
18. PROVIDE FLEXIBLE CONNECTIONS IN ALL PIPING SYSTEMS CONNECTED TO PUMPS AND OTHER MOTORIZED OR PNEUMATICALLY DRIVEN EQUIPMENT WHICH REQUIRE VIBRATION ISOLATION. FLEXIBLE CONNECTIONS SHALL BE PROVIDED AS CLOSE AS POSSIBLE OR AS INDICATED ON THE DRAWINGS.
19. DRAIN PIPING FROM MECHANICAL EQUIPMENT SHALL BE ROUTED SO AS NOT TO CREATE TRIPPING HAZARDS.
20. ADDED TO ALLOW THE UNDERFLOOR PLUMBING PIPING SYSTEMS TO FUNCTION WITH THE PROJECT EXPANSIVE SOILS, COORDINATION WITH ACTUAL FIELD CONDITIONS WILL BE REQUIRED AT TIME OF INSTALLATION TO ACCOUNT FOR ACTUAL SOIL CONDITIONS AT THAT TIME, ACTUAL COMPONENT AND PIPING SYSTEM INSTALLATION DIMENSIONS, ETC. INSTALLING CONTRACTOR TO VERIFY ALL CONDITIONS AND INSTALL/ADJUST INSTALLATION ACCORDINGLY TO SUIT CONDITIONS AT TIME OF INSTALLATION.
21. PROVIDE HIGH POINT VENTS AND LOW POINT DRAINS.
22. PROVIDE DRAINAGE CONNECTIONS BETWEEN DISSEMBLABLE MATERIALS.
23. VENT FROM NATURAL GAS EQUIPMENT USE TO BUILDING EXTERIOR. PIPE SHALL BE SAME SIZE AS VENT OPENING ON UNIT.

COONSKIN PARK MAINTENANCE FACILITY

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COONSKIN PARK MAINTENANCE FACILITY

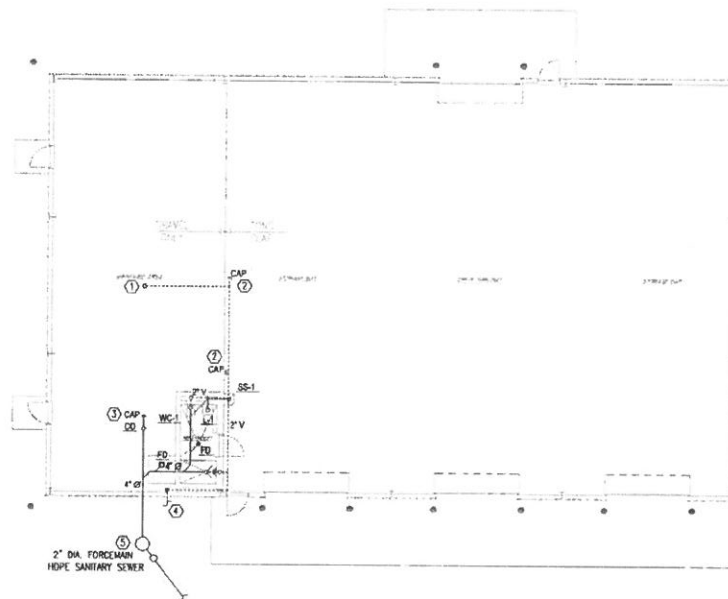
ABBREVIATIONS, SYMBOLS, LEGEND, AND GENERAL NOTES

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GENERAL NOTES:

- 1.) SLOPE SANITARY PIPE AT A MINIMUM OF 1/8" PER FT.
- 2.) SEE STRUCTURAL DWG FOR ADDITIONAL FOUNDATION INFORMATION.
- 3.) PLUMBING CONTRACTOR TO VERIFY ALL WORK, CONDITIONS, INVERTS, ETC., IN FIELD.
- 4.) COORDINATE WORK WITH ALL OTHER TRADES.
- 5.) CLOSELY COORDINATE ALL BURIED PLUMBING COMPONENTS IF INTERFERENCES AT FOOTERS, BOLLARDS, ETC., OCCUR. SHIFT PIPING/SPECIALTIES AS REQUIRED FIRST, AND IF REQUIRED, COORDINATE NOTCHING OF FOOTERS, ETC., AS REQUIRED.
- 6.) ALL EXPANSION JOINTS, SLIP JOINTS, AND OTHER POSSIBLE DESIGN/INSTALLATION FEATURES WHICH ARE REQUIRED TO HANDLE SOIL CONDITIONS MAY NOT BE SHOWN. INSTALL ALL REQUIRED FEATURES TO SUIT ACTUAL INSTALLATION CONDITIONS.



1 PLUMBING PLAN (PLUMBING/SEWERS)
SCALE: 1/8" = 1'-0"

SANITARY PLUMBING PLAN CODED NOTES

- 1) 3' VENT UP THROUGH ROOF. TERMINATE 18" ABOVE ROOF. FLASH PER METAL BUILDING MANUFACTURERS RECOMMENDATIONS.
- 2) CAP 2" VENT FOR FUTURE CONNECTION.
- 3) CAP 4" SANITARY SEWER FOR FUTURE CONNECTION.
- 4) 1 1/2" PVC VENT. CONNECT TO SEWAGE PUMP WELL. (SEE SITE UTILITY PLAN)
- 5) SEWAGE PUMP WELL (SEE SITE UTILITY PLAN).

8' 4' 0' 8'
SCALE: 1/8" = 1'-0"

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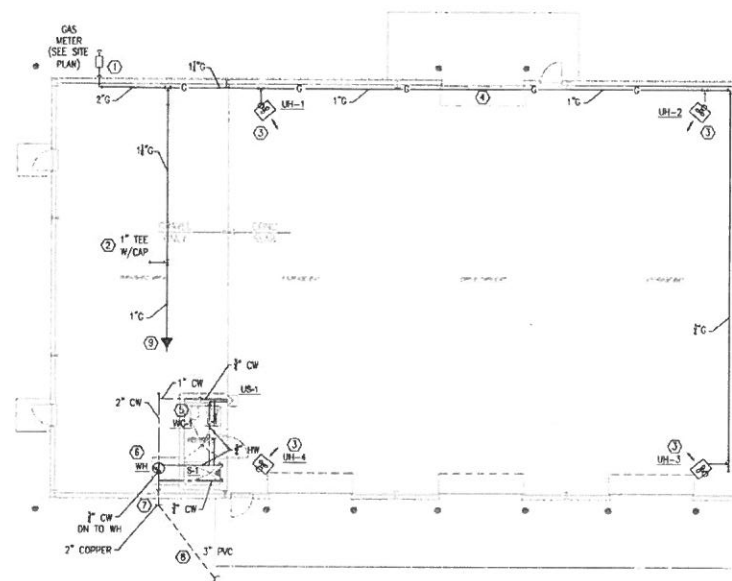
COOKSON PARK MAINTENANCE FACILITY	
Project No.	135625
Sheet No.	P-1
Revision	

REV	DESCRIPTION	DATE

Project No.	135625
Sheet No.	P-1
Revision	
Drawn By	RLB
Check By	
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COOKSON PARK MAINTENANCE FACILITY

Sheet reference number:
P-1



PLUMBING PIPING PLAN
P-2 SCALE: 1/8" = 1'-0"

PLUMBING PIPING PLAN CODED NOTES

- ① RUN GAS PIPING DOWN ALONG INTERIOR WALL. PROVIDE WALL PENETRATION, EXCLUSION AND CONNECTION TO UTILITY PROVIDED METER.
- ② CAP 1" GAS LINE FOR FUTURE CONNECTION.
- ③ CONNECT GAS UN PER DETAIL 3/P/3.
- ④ COORDINATE HORIZONTAL PIPE RUN WITH ROLL UP GARAGE DOOR. NO OFFSETS IN LINE.
- ⑤ CONNECT COLD WATER TO WC-1.
- ⑥ MOUNT HOT WATER TANK ON PAD EXACT LOCATION WITH FLOOR DRAIN AND WATER SERVICE CLEARANCE.
- ⑦ PROVIDE WATER SERVICE ENTRANCE AND SHUT OFF VALVES AS REQUIRED.
- ⑧ 3" UNDERGROUND WATER SERVICE. (SEE SITE UTILITY PLANS) TRANSITION TO 2" BY BUILDING.
- ⑨ CONNECT 3/4" GAS TO WATER HEATER (WH) AND 3/4" GAS TO UNIT HEATER (UH-4).

GENERAL NOTES:

- 1.) SHUT-OFF VALVE SHALL BE INSTALLED ON COLD AND HOT WATER SUPPLY TO EACH PLUMBING FIXTURE.
- 2.) CONNECTION TO EACH GAS FIRED EQUIPMENT REQUIRES SHUT-OFF VALVE, UNION AND DIRT LEG.
- 3.) ALL DOMESTIC PIPING INSIDE BUILDING AND 5'-0" OUTSIDE OF BUILDING IS TO BE COPPER PER PLUMBING SPECS.
- 4.) SEE DRAWING P-3 FOR PLUMBING & PIPING DETAILS.

SCALE: 1/8" = 1'-0"



COONSKIN PARK MAINTENANCE FACILITY

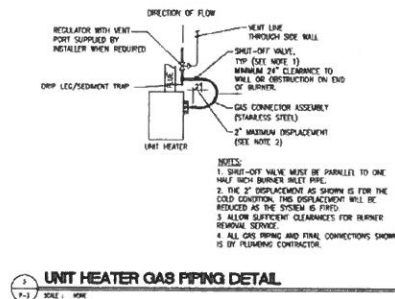
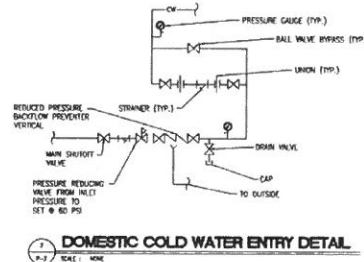
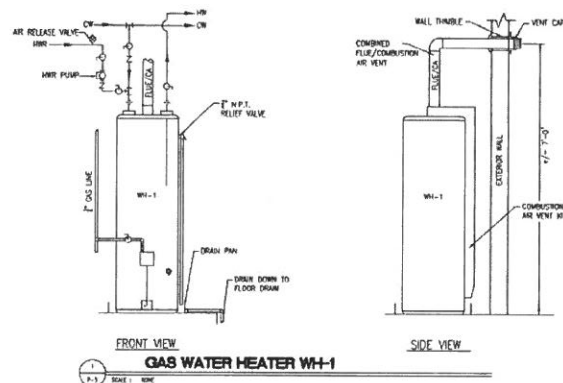
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COONSKIN PARK
MAINTENANCE FACILITY

PLUMBING PIPING PLAN
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COONS PARK MAINTENANCE FACILITY

PLUMBING DETAILS / SCHEDULES

Sheet reference number: P-3

000042

PLUMBING FIXTURES & FAUCETS SCHEDULE											2009 INTERNATIONAL PLUMBING CODE		
ITEM	FIXTURE	MANUFACTURER/ MODEL NO.	DESCRIPTION	SAN	VENT	CW	HW	SPU	SPU		TOTAL SPU	NOTES	
									HW	CW			
WC-1	WATER CLOSET	CEMEX 36759	ELONGATED FRONT, RELAXED HEIGHT, FLOOR MOUNT, DUAL FLUSH	4"	2"	1/2"	-	1.1 / 1.8 GPM	-	1.8	1.8	WITH SANIT	
L-1	LAUNDRY	CEMEX 34260	WALL MOUNTED, WIRELESS CHINA, WHITE/CHINA LAUNDRY	1 1/2"	1 1/2"	1/2"	1/2"	0.5 GPM	0.5	0.5	0.7		
US-1	UTILITY SINK	E.L. MOUNTED 14 UTILITY	FLOOR MOUNTED, 20 GAL., ONE PIECE MOLDED RESIN	3"	2"	1/2"	1/2"	-	2.25	2.25	3.0		
S-1	SHOWER	SHOWERING 62410100	36" SHOWER BASE & WALL SURROUND	3"	1 1/2"	1/2"	1/2"	2"	3.0	3.0	4.0	WHITE	
HB	HOSE BIB	-	SEE SPECS	-	-	1/2"	-	-	-	-	-		
FD	FLOOR DRAIN	-	SEE SPECS	2"	-	-	-	-	-	-	-	WITH TRAP POWER	
MBW-1	WALL MOUNT	-	SEE SPECS	-	-	3/4"	-	-	-	-	-		
F-1	UPV FAUCETS	DELTA 2104MS	4" DECK FAUCET TWO HANDLE MOUNT			1/2"	1/2"					① ②	
F-2	UTILITY SINK	DELTA 2104MS	TWO HANDLE			1/2"	1/2"						
F-3	SHOWER	DELTA 214238	ONE HANDLE			1/2"	1/2"						

CODED NOTE:

①

PROMOTE FLOW CONTROL NON-RETURN SPRINKY OUTLET

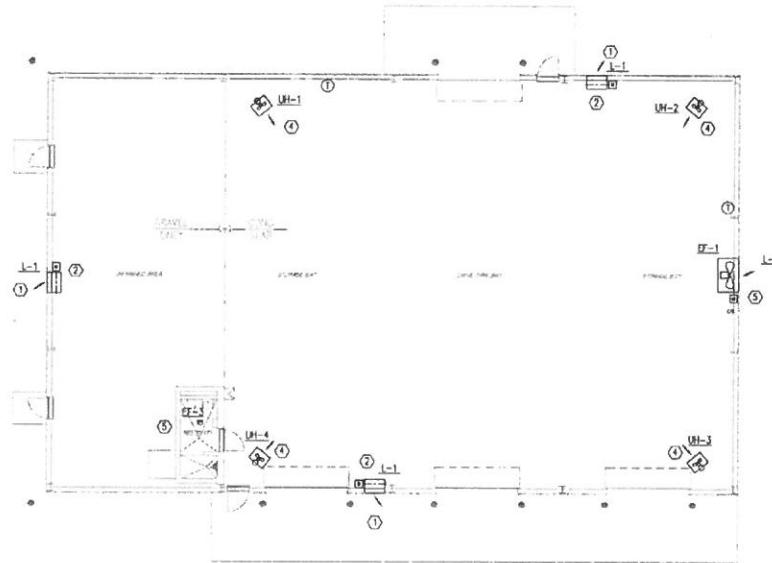
②

ADA- WHITE BLADE HANDLE

GAS WATER HEATER SCHEDULE										
TAG	LOCATION	MANUFACTURER	MODEL NUMBER	TYPE	STORAGE GALLONS	INPUT MBH	RECOVERY RATE GALLONS	PHYSICAL SIZE IN x DIA	FLUE SIZE	NOTES
WH-1	MECHANICAL ROOM 112	BRIDGEMAN WHITE WATER HEATING	DS1-4000PH	DIRECT VENT / TALL TANK	40	36	41	16-1/4"x20"	4"	① ② ③

KEYNOTES:
 ① PROVIDE COMBINATION FLUE / COMBUSTION NOW SEE PER MANUFACTURERS RECOMMENDATIONS
 ② PROVIDE 1/2" HP HOT WATER CIRCULATION PUMP, CIRCULATING MODEL LP13-1887 OR EQUAL.
 ③ PROVIDE TEMPERATURE ADJUSTMENT CONTROL OF PUMP.

HVAC ABBREVIATIONS AND SYMBOL LEGEND											
SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION	SYMBOL	ABBREV	DESCRIPTION
	ACCU	AIR COOLED CHILLING UNIT		CIE	CONNECT TO EXISTING		FD	FIRE DAMPER		PLS	POLARIS
	AD	ACCESS DOOR		CWP	CHILLED WATER PUMP		FDDB	DECORATIVE FINNED-WIRE DRY BULB		LD	LINEAR DIFFUSER
	AF	ABOVE FINISHED FLOOR		CW	COLD WATER		LPC	LOW PRESSURE CONDENSATE		RS	RETROFURNACE SECTION
	AHU	AIR HANDLING UNIT		DB	DRY BULB		FF	FINNED FLOOR		RHG	RETROFURNACE HOT GAS
	ALS	AIR LOOP STATION		DDC	DIRECT DIGITAL CONTROL		FLEX	FLEXIBLE		RM	ROOM
	APD	AIR PRESSURE DROP		DDCP	DIRECT DIGITAL CONTROL PANEL		FLC	FLEXTUBE CONNECTION		RPV	REVOLUTIONS PER MINUTE
	APPROX	APPROXIMATE		DDCP	DIRECT DIGITAL CONTROL PANEL		FLPC	FLEXIBLE PIPING CONNECTION		RTU	ROOFLET UNIT
	ARCH	ARCHITECT		DOF	DIRECTION OF FLOW		FMO	FLOWMETER/ORIFICE		RI	RISE IN DUCTWORK
	ATC	AUTOMATIC TEMPERATURE CONTROL		DOF	DIRECTION OF FLOW		FMP	FLOWMETER (POSITIVE)		RE	ROUTING EXISTING TO
	AS	AIR SEPARATOR		DISC	DISCONNECT		FS	FLOW SWITCH		SA	SUPPLY AIR
	ASME	AUTOMATIC SHUT-OFF OF MECHANICAL EQUIPMENT		DL	DOOR LOUVER		FPM	FEET PER MINUTE		SD	SMOKE DAMPER
	AV	AIR VENT (AUTOMATIC)		DU	DOOR UNDERCUT		FV	FAN-POWERED VAV BOX		SP	STATIC PRESSURE (PICKS OF WATER)
	AV	ANGLE VALVE		DN	DOWN		FT	FOOT ON FEET		SPEC	SPECIFICATIONS
	BV	BALL VALVE		DN	DOWN		FT	FINNED TIME REDUCTION		SD	SPLITTER DAMPER
	BDD	BACK-DRIFT DAMPER		DN	DOWN		FTS	FLEXTUBE SYMBOL		SQ	SQUARE
	BV	BUTTERFLY VALVE		DN	DOWN		GC	GENERAL CONTRACTOR		SV	STRAINER WITH VALVE AND CAPED BLOW DOWN
	BHP	BRAKE HORSEPOWER		DN	DOWN		CV	CLOSE VALVE		ST	STEAM TRAP
	BLDG	BUILDING		DN	DOWN		GV	GATE VALVE		STRUC	STRUCTURAL
	BTM	BOTTOM		DN	DOWN		NC	NORMALLY CLOSED		SV	SOLENOID VALVE
	BTU/H	BRITISH THERMAL UNIT PER HOUR		DN	DOWN		NO	NORMALLY OPEN		SW	SWITCH
	CV	CONTROL VALVE, 3 WAY		DN	DOWN		NTS	NOT TO SCALE		SAO	SUPPLY AIR OFFENDER
	CV	CONTROL VALVE, 2 WAY		DN	DOWN		OA	OUTSIDE AIR		TA	TRANSFER AIR
	CC	PIPE CAP, ON SINGLE LINE DUCT CAP		DN	DOWN		OA	OUTSIDE AIR		TEU	TEE UP, TEE OR SINGLE LINE ROUND DUCT
	CAI	COMBUSTION AIR INLET		DN	DOWN		OA	OUTSIDE AIR		TED	TEE DOWN, TEE OR SINGLE LINE ROUND DUCT
	CV	CHECK VALVE (SPRING GATE)		DN	DOWN		OA	OUTSIDE AIR		TEMP	TEMPERATURE
	CV	CHECK VALVE (SPRING)		DN	DOWN		OA	OUTSIDE AIR		THRM	THERM
	CD	CONDENSATE DRAIN		DN	DOWN		OA	OUTSIDE AIR		TSTAT	THERMOSTAT (ONLY USE ARROW POINTING TO CONTROLLED SPACE)
	CFM	CUBIC FEET/MINUTE		DN	DOWN		OA	OUTSIDE AIR		TYP	TYPICAL
	CFSD	COMBINATION FIRE/SMOKE DAMPER		DN	DOWN		OA	OUTSIDE AIR		UH	UNIT HEATER (GAS OR ELECTRIC)
	CWR	CHILLED WATER RETURN		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CWS	CHILLED WATER SUPPLY		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CLG	CEILING		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CD	CARBON DIOXIDE SENSOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CNC	CONCRETE		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CON	CONNECTION		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CSB	CONTROL SETTING BALANCE VALVE		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONT	CONTINUATION		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONTR	CONTRACTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONNECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
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	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR		DN	DOWN		OA	OUTSIDE AIR		UV	UNIT VENTILATOR
	CONV	CONVECTOR									



MECHANICAL PLAN HVAC
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. VERIFY THE EXACT LOCATION OF T-STATS WITH OWNER BEFORE INSTALLATION.
2. COORDINATE ALL MECHANICAL WORK LOCATIONS WITH LIGHTING AND OTHER ELECTRICAL, PLUMBING AND ARCHITECTURAL COMPONENTS.
3. PROVIDE TRANSITIONS AT AIR DEVICES/RUNOUTS AS REQUIRED.
4. SEE M-2 FOR DETAILS.

CODED NOTES:

- ① MOUNT BOTTOM OF LOUVER AT +/- 13'-0" AFF. COORDINATE LOCATION WITH BUILDING STRUCTURE ELEMENTS. FINISH OPENING PER METAL BUILDING MANUFACTURERS RECOMMENDATIONS.
- ② NORMALLY CLOSED MOD WILL OPEN WHEN EF-1 IS ENERGIZED.
- ③ MOUNT EXHAUST FAN BOTTOM AT +/- 15'-0" COORDINATE EXACT LOCATION WITH BUILDING STRUCTURE. FINISH OPENING PER METAL BUILDING MANUFACTURERS RECOMMENDATIONS.
- ④ PROVIDE 4" FLUE UP THRU ROOF. TERMINATE ABOVE ROOF WITH VENT CAP AND FLASH PER MANUFACTURERS RECOMMENDATIONS.
- ⑤ PROVIDE HEAT/LIGHT/FAN. RUN 3" EXHAUST PIPE OUT BUILDING SIDE WALL. TERMINATE WITH VENT CAP.

COONSKIN PARK MAINTENANCE FACILITY

DATE: 12/15/13
DRAWN BY: J. L. B. (JLB)
CHECKED BY: J. L. B. (JLB)
APPROVED BY: J. L. B. (JLB)
PROJECT NO.: 135625

REV	DESCRIPTION	DATE	BY	CHK
1	ISSUED FOR PERMIT	12/15/13	JLB	JLB
2	REVISED PER COMMENTS	12/15/13	JLB	JLB
3	REVISED PER COMMENTS	12/15/13	JLB	JLB
4	REVISED PER COMMENTS	12/15/13	JLB	JLB
5	REVISED PER COMMENTS	12/15/13	JLB	JLB
6	REVISED PER COMMENTS	12/15/13	JLB	JLB
7	REVISED PER COMMENTS	12/15/13	JLB	JLB
8	REVISED PER COMMENTS	12/15/13	JLB	JLB
9	REVISED PER COMMENTS	12/15/13	JLB	JLB
10	REVISED PER COMMENTS	12/15/13	JLB	JLB

Project No.	135625
Sheet No.	M-1
Revision No.	1
Revision Description	ISSUED FOR PERMIT
Revision Date	12/15/13
Revision By	JLB
Revision Check	JLB

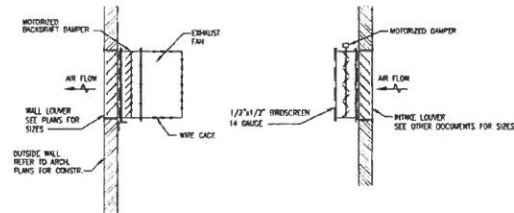
COONSKIN PARK MAINTENANCE FACILITY

MECHANICAL PLAN HVAC

Sheet reference number: M-1



000044



ROOM VENTILATION DETAIL

SCALE: NONE

UNIT HEATER SCHEDULE (GAS)

TAG	SERVES	TYPE	MANUFACTURER	MODEL	INPUT (MBH)	OUTPUT (MBH)	% EFF	AIR TEMP. RISE °F	FAN CFM	MOTOR	VOLTS/PHASE/HERTZ	FLA	REMARKS
UH-1	WAREHOUSE	HIGH EFFICIENCY	STERLING	QW	100	80	80	50	1400	1/30	120/1/60	2.8	(1)
UH-2	WAREHOUSE	HIGH EFFICIENCY	STERLING	QW	100	80	80	50	1400	1/30	120/1/60	2.8	(1)
UH-3	WAREHOUSE	HIGH EFFICIENCY	STERLING	QW	100	80	80	50	1400	1/30	120/1/60	2.8	(1)
UH-4	WAREHOUSE	HIGH EFFICIENCY	STERLING	QW	100	80	80	50	1400	1/30	120/1/60	2.8	(1)

NOTES:
 (1) PROVIDE/INSTALL WITH VIBRATION ISOLATORS

LOUVER SCHEDULE

TAG	SERVES	MANUFACTURER	MODEL	SIZE	DEPTH	CFM	APPROXIMATE 2\"/>
-----	--------	--------------	-------	------	-------	-----	-------------------

NOTES:
 (1) BRONZE/BLADES
 (2) COLOR BY ARCHITECT

FAN SCHEDULE

TAG	SERVES	TYPE	MANUFACTURER	MODEL	DRIVE TYPE	CFM MAX/MIN	S.P. IN W.G.	POWER	SONE	VOLTS/PHASE/HERTZ	FAN WT. (LBS.)	NOTES
EF-1	WAREHOUSE GENERAL EXHAUST	WALL FAN	COOK	24XMM	BELT	3500/1800	0.25	1/2 HP	25	208/1/60	100	(1)(2)(3)(4)
EF-2	REST ROOM	CABINET/HEAT/LIGHT/FAN	BROAN	100HFL	DIRECT	100/100	0.1	14 AMP	2.0	120/1/60	9	(3)

KEYNOTES:
 (1) PROVIDED WITH FAN TWO SPEED MOTOR
 (2) PROVIDE WIRE SAFETY CAGE
 (3) ALL WIRING BY E.C.
 (4) SPARK RESISTANT AIRWAY

GENERAL NOTES:
 1. SOUND POWER LEVELS PRESENTED AT HIGH SPEED

COCKSKIN PARK MAINTENANCE FACILITY

PROJECT NO. 135425
 DATE 2/13/13
 DRAWN BY JLB
 CHECKED BY JLB
 PROJECT ENGINEER JLB

REV	DESCRIPTION	DATE	BY	CHK
1	ISSUED FOR CONSTRUCTION	2/13/13	JLB	JLB

Design No.	135425
Drawn By	JLB
Checked By	JLB
Project Engineer	JLB

COCKSKIN PARK MAINTENANCE FACILITY

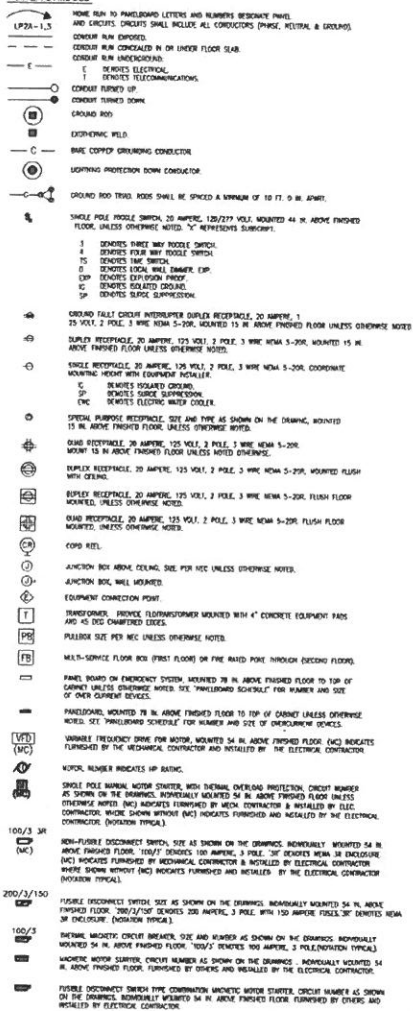
MECHANICAL DETAILS

Sheet reference number:
M-2

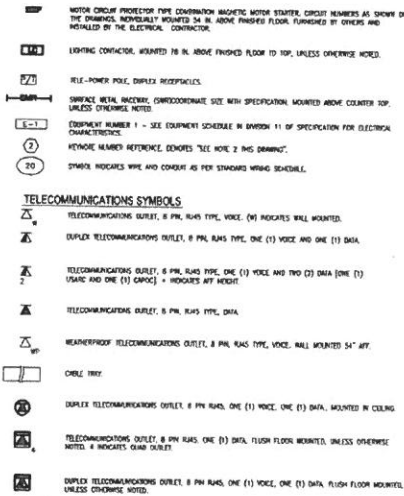
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ELECTRICAL SYMBOLS

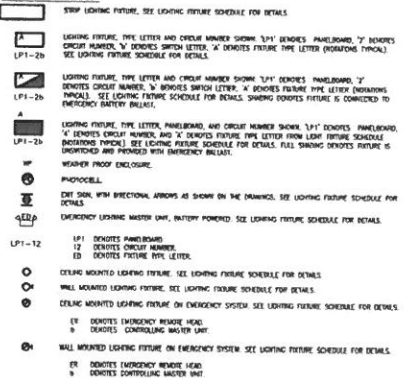
POWER SYMBOLS



TELECOMMUNICATIONS SYMBOLS



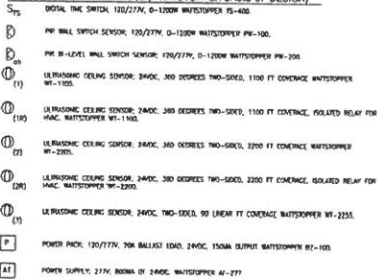
LIGHTING SYMBOLS



SITE LIGHTING SYMBOLS



LIGHTING CONTROL DEVICES (WATTSTOPPER) BASIS OF DESIGN



SINGLE LINE SYMBOLS



GENERAL WIRING NOTES:



Figure 6

Sheet reference number: **E-0**

ABBREVIATIONS,
SYMBOLS LEGEND, AND
GENERAL NOTES

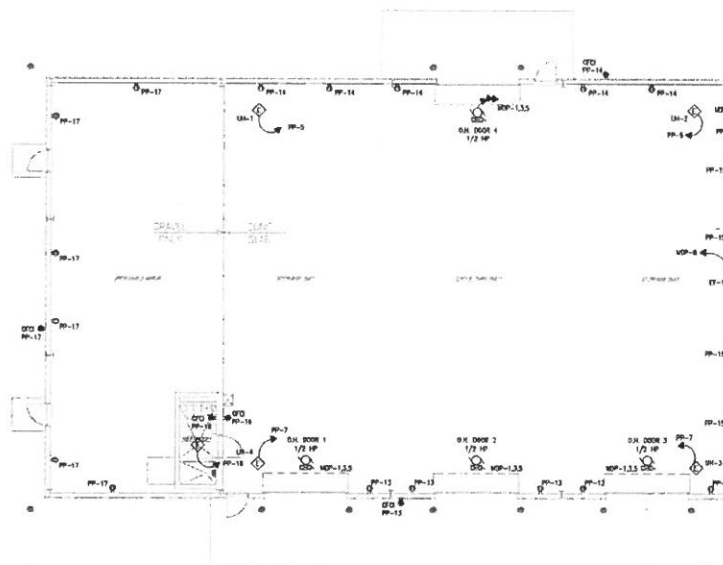
COOKSKIN PARK
MAINTENANCE FACILITY

Contract No.	Date	Rev.	REV DESCRIPTION	DATE
Draw No. MP2	Project No. 135025			
Drawn by MP2	Checked by MP2			
Designed by MP2	Drawn by MP2			
Reviewed by MP2	Checked by MP2			
Approved by MP2	Drawn by MP2			

Contract No.	Date	Rev.	REV DESCRIPTION	DATE
Draw No. MP2	Project No. 135025			
Drawn by MP2	Checked by MP2			
Designed by MP2	Drawn by MP2			
Reviewed by MP2	Checked by MP2			
Approved by MP2	Drawn by MP2			

Contract No.	Date	Rev.	REV DESCRIPTION	DATE
Draw No. MP2	Project No. 135025			
Drawn by MP2	Checked by MP2			
Designed by MP2	Drawn by MP2			
Reviewed by MP2	Checked by MP2			
Approved by MP2	Drawn by MP2			

1. FITURES WITH SHINGLE SHALL BE PROVIDED WITH EMERGENCY BATTERY PACKS AND CONTAIN A BLOWN EMERGENCY BATTERY PACK.
2. CONNECT EMERGENCY BATTERY PACK FITURES TO "ALWAYS HOT" LINE SIDE OF EMERGENCY DEVICE.
3. COORDINATE ALL FITTURE LOCATIONS WITH MECHANICAL EQUIPMENT.
4. FOR PANEL SCHEDULE AND SINGLE LINE DIAGRAM SEE SHEET C-4.
5. INSTALL ALL RECEPTACLES IN GARAGE AREA AT 48" A.F.F., UNLESS NOTED OTHERWISE.
6. COORDINATE LOCATION OF RECEPTACLES WITH EQUIPMENT BY OWNER.
7. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL ITEMS SHOWN ON THIS DRAWING WITH THE MECHANICAL ENGINEERS FOR THE MECHANICAL EQUIPMENT SCHEDULES PRIOR TO INSTALLATION OF ELECTRICAL COMPONENTS.
8. CIRCUITS IDENTIFIED AS "WIP" REFER TO MASTER DISTRIBUTION PANEL. SEE SINGLE LINE DIAGRAM FOR WIRE AND CONDUIT SIZE.
9. MOUNT AND WIRE ALL OVERHEAD DOOR CONTROL DEVICES IN ACCORDANCE WITH OVERHEAD DOOR MANUFACTURER'S INSTRUCTIONS.



2
E-2

POWER PLAN

SCALE : 1/8" = 1'-0"

COONSKIN PARK MAINTENANCE FACILITY	 1500 West Main Street P.O. Box 100 Parker, CO 80646 Tel: (303) 746-0023 Murray & Bostick, Inc.
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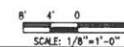
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Suggested by:	Date:	Rev.
by:	12/10/13	
MIP	Project No. 135625	
Reviewed by:	Drawing Code:	
Submitted by:	File name:	
RA	File path:	12/10/13

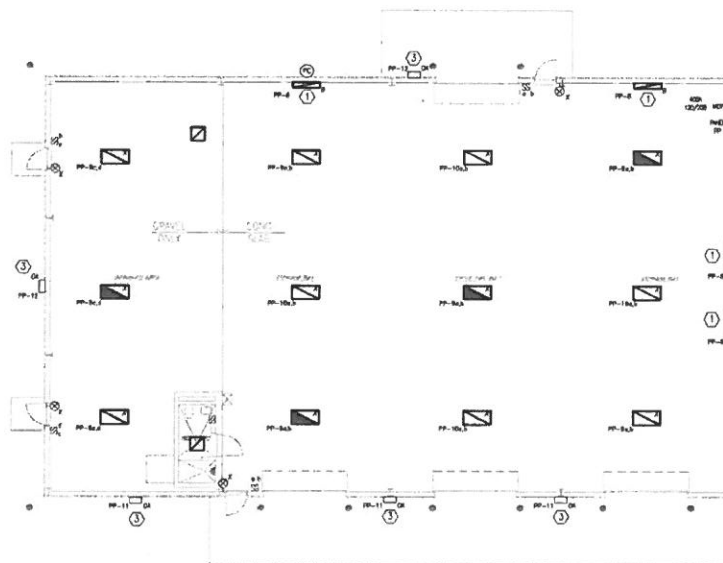
COONSKIN PARK
MAINTENANCE FACILITY

POWER PLAN

Sheet reference
number:
E-1



000047



2 LIGHTING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. FIXTURES WITH SHADING SHALL BE PROVIDED WITH EMERGENCY BATTERY PACKS AND CONTAIN A BOOBIE EMERGENCY BATTERY PACK.
2. CONNECT EMERGENCY BATTERY PACK FIXTURES TO "ALWAYS HOT" LINE SIDE OF SWITCHING DEVICE.
3. COORDINATE ALL FIXTURE LOCATIONS WITH MECHANICAL EQUIPMENT.

KEYNOTES:

1. VERIFY EXACT LOCATION WITH OWNER (PULL CHAIN SWITCH REQUIRED).
2. CEILING MOUNTED HEAT/LIGHT/FAN (SEE M-2 FOR DETAILS).
3. OUTDOOR LIGHTS ON PHOTOCELL, PROVIDE CONNECTION TO TWO CIRCUITS.

COOKSKIN PARK MAINTENANCE FACILITY	
DATE: 12/10/13	BY: [Signature]
PROJECT NO. 135425	PROJECT NAME: COOKSKIN PARK MAINTENANCE FACILITY

REV	DESCRIPTION	DATE	BY	CHK

DATE: 12/10/13	BY: [Signature]
PROJECT NO. 135425	PROJECT NAME: COOKSKIN PARK MAINTENANCE FACILITY
DATE: 12/10/13	BY: [Signature]

COOKSKIN PARK MAINTENANCE FACILITY

LIGHTING PLAN
Sheet reference number: F-2

LIGHTING FIXTURE SCHEDULE						
TYPE	DESCRIPTION	MANUFACTURER	CATALOG No.	LAMP	MTG. HT.	REMARKS
A	2'X4' IN-BAY LUMINAIRE, WHITE PAINTED REFLECTOR, W/ UPRIGHT SLOTS CHANNEL	LITHONIA	FCB 854TSHD MX20U NLWC MVOLT 2/3 ACB LPS35	8-54TSHD	18'-0"	(2) 3 LAMP BALLASTS
B	SURFACE MOUNT LOW PROFILE W/ PARABOLIC TR. 18"x6", 2-LAMP FIXTURE	LITHONIA	LD 2 2875 MODEL GEB100PS	2-32WTR48	8'-0"	ELECTRONIC BALLAST
X	LED EXIT SIGNAL RED LED WITH NIKEL - CASIMIR BATTERY	LITHONIA	L1004 S W R HEADS	LED	ABOVE DOOR	NO HEADS
OK	OUTDOOR AREA / WALL MOUNTED LIGHT, DARK BRONZE	LITHONIA	WFL 4000 RM 120 SCW	1-400 MM	14'-0"	1 NIGHTTIME FRIENDLY

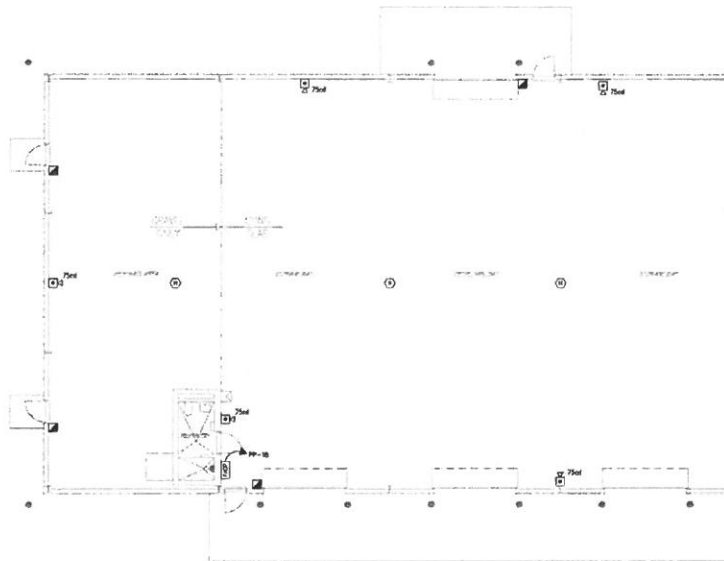
SCHEDULE NOTES:

1. FOR AREAS WITH LOW CEILINGS THE TYPE - "X" DESIGNATION IS FOR SURFACE MOUNT FIXTURES, OTHERS WITHIN THE GRID CEILING ARE LAY IN.

SCALE: 1/8" = 1'-0"



000048



1 FIRE ALARM PLAN
E-3 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. INSTALL FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 101.

FIRE ALARM SYMBOLS:

- ① SMOKE DETECTOR
- ② HEAT DETECTOR
- ③ PULL STATION
- ④ MONITOR MODULE
- ⑤ CARBON MONOXIDE DETECTOR
- ⑥ DUCT SMOKE DETECTOR
- ⑦ HORN / STROBE COMBINATION DEVICE
60 - INDICATES CANDELA RATING
- ⑧ STROBE
60 - INDICATES CANDELA RATING
- ⑨ FIRE ALARM CONTROL PANEL
- WP INDICATES WEATHERPROOF

8' 4' 0' 8'
SCALE: 1/8" = 1'-0"



COONSKIN PARK MAINTENANCE FACILITY
PROJECT NO. 13425
SHEET NO. E-3
DATE 2/7/13

NO.	DESCRIPTION	DATE
1	REVISION	
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	
6	REVISION	
7	REVISION	
8	REVISION	
9	REVISION	
10	REVISION	

DESIGNED BY: JCB	DATE: 1/10/13
DRAWN BY: JCB	DATE: 1/10/13
CHECKED BY: JCB	DATE: 1/10/13
APPROVED BY: JCB	DATE: 1/10/13

COONSKIN PARK
MAINTENANCE FACILITY

FIRE ALARM PLAN
Sheet reference number:
E-3

000049

PP										POOR MAN'S CREDIT SHEDS	
PED FROM NEP: LOCATION WEST WELD										SP44 ARREST 2004-07	
DEFENSE IMPACT										16.000 AMP	
										CROSS-SECTION 2004-07	
DAY	LOAD DEFICIT	WIRE	BRIDGE	PHASE A	PHASE B	PHASE C	FL DEFICIT	PHASE	LOAD DEFICIT	DAY	
1	SPARE	20	1	0.00	0.00		1	32		SPARE	
2	PHASE A	16	20	1		8.55	1	30		SPARE	
3	PHASE B	16	20	1	8.55	1	30	12		SPARE	
4	PHASE C	16	20	1	1.84	1.48		1	30	Wall Lights & Light Lamps	
5	Light 1	16	20	1		1.36	1	30	12	Light 1	
6	Light 2	16	20	1		1.36	1	30	12	Light 2	
7	Light 3	16	20	1	1.28	1.08		1	30	Light 3	
8	Light 4	16	20	1		0.72	1	30	12	Light 4	
9	Light 5	16	20	1		0.72	1	30	12	Light 5	
10	Light 6	16	20	1		0.72	1	30	12	Light 6	
11	Light 7	16	20	1		0.72	1	30	12	Light 7	
12	Light 8	16	20	1		0.72	1	30	12	Light 8	
13	Light 9	16	20	1		0.72	1	30	12	Light 9	
14	Light 10	16	20	1		0.72	1	30	12	Light 10	
15	Light 11	16	20	1		0.72	1	30	12	Light 11	
16	Light 12	16	20	1		0.72	1	30	12	Light 12	
17	Light 13	16	20	1		0.72	1	30	12	Light 13	
18	Light 14	16	20	1		0.72	1	30	12	Light 14	
19	Light 15	16	20	1		0.72	1	30	12	Light 15	
20	Light 16	16	20	1		0.72	1	30	12	Light 16	
21	SPARE	20	1	0.00	0.00		1	23		SPARE	
22	PHASE A	16	20	1		8.55	1	30		PHASE A	
23	PHASE B	16	20	1		8.55	1	30		PHASE B	
24	PHASE C	16	20	1		8.55	1	30		PHASE C	
25	SPARE	20	1	0.00	0.00		1	23		SPARE	
26	PHASE A	16	20	1		8.55	1	30		PHASE A	
27	PHASE B	16	20	1		8.55	1	30		PHASE B	
28	PHASE C	16	20	1		8.55	1	30		PHASE C	
29	PHASE A	16	20	1		8.55	1	30		PHASE A	
30	PHASE B	16	20	1		8.55	1	30		PHASE B	
31	PHASE C	16	20	1		8.55	1	30		PHASE C	
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33	PHASE B	16	20	1		8.55	1	30		PHASE B	
34	PHASE C	16	20	1		8.55	1	30		PHASE C	
35	PHASE A	16	20	1		8.55	1	30		PHASE A	
36	PHASE B	16	20	1		8.55	1	30		PHASE B	
37	PHASE C	16	20	1		8.55	1	30		PHASE C	
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39	PHASE B	16	20	1		8.55	1	30		PHASE B	
40	PHASE C	16	20	1		8.55	1	30		PHASE C	
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51	PHASE B	16	20	1		8.55	1	30		PHASE B	
52	PHASE C	16	20	1		8.55	1	30		PHASE C	
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55	PHASE C	16	20	1		8.55	1	30		PHASE C	
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57	PHASE B	16	20	1		8.55	1	30		PHASE B	
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60	PHASE B	16	20	1		8.55	1	30		PHASE B	
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69	PHASE B	16	20	1		8.55	1	30		PHASE B	
70	PHASE C	16	20	1		8.55	1	30		PHASE C	
71	PHASE A	16	20	1		8.55	1	30		PHASE A	
72	PHASE B	16	20	1		8.55	1	30		PHASE B	
73	PHASE C	16	20	1		8.55	1	30		PHASE C	
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75	PHASE B	16	20	1		8.55	1	30		PHASE B	
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85	PHASE C	16	20	1		8.55	1	30		PHASE C	
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87	PHASE B	16	20	1		8.55	1	30		PHASE B	
88	PHASE C	16	20	1		8.55	1	30		PHASE C	
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90	PHASE B	16	20	1		8.55	1	30		PHASE B	
91	PHASE C	16	20	1		8.55	1	30		PHASE C	
92	PHASE A	16	20	1		8.55	1	30		PHASE A	
93	PHASE B	16	20	1		8.55	1	30		PHASE B	
94	PHASE C	16	20	1		8.55	1	30		PHASE C	
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96	PHASE B	16	20	1		8.55	1	30		PHASE B	
97	PHASE C	16	20	1		8.55	1	30		PHASE C	
98	PHASE A	16	20	1		8.55	1	30		PHASE A	
99	PHASE B	16	20	1		8.55	1	30		PHASE B	
100	PHASE C	16	20	1		8.55	1	30		PHASE C	
101	PHASE A	16	20	1		8.55	1	30		PHASE A	
102	PHASE B	16	20	1		8.55	1	30		PHASE B	
103	PHASE C	16	20	1		8.55	1	30		PHASE C	
104	PHASE A	16	20	1		8.55	1	30		PHASE A	
105	PHASE B	16	20	1		8.55	1	30		PHASE B	
106	PHASE C	16	20	1		8.55	1	30		PHASE C	
107	PHASE A	16	20	1		8.55	1	30		PHASE A	
108	PHASE B	16	20	1		8.55	1	30		PHASE B	
109	PHASE C	16	20	1		8.55	1	30		PHASE C	
110	PHASE A	16	20	1		8.55	1	30		PHASE A	
111	PHASE B	16	20	1		8.55	1	30		PHASE B	
112	PHASE C	16	20	1		8.55	1	30		PHASE C	
113	PHASE A	16	20	1		8.55	1	30		PHASE A	
114	PHASE B	16	20	1		8.55	1	30		PHASE B	
115	PHASE C	16	20	1		8.55	1	30		PHASE C	
116	PHASE A	16	20	1		8.55	1	30		PHASE A	
117	PHASE B	16	20	1		8.55	1	30		PHASE B	
118	PHASE C	16	20	1		8.55	1	30		PHASE C	
119	PHASE A	16	20	1		8.55	1	30		PHASE A	
120	PHASE B	16	20	1		8.55	1	30		PHASE B	
121	PHASE C	16	20	1		8.55	1	30		PHASE C	
122	PHASE A	16	20	1		8.55	1	30		PHASE A	
123	PHASE B	16	20	1		8.55	1	30		PHASE B	
124	PHASE C	16	20	1		8.55	1	30		PHASE C	
125	PHASE A	16	20	1		8.55	1	30		PHASE A	
126	PHASE B	16	20	1		8.55	1	30		PHASE B	
127	PHASE C	16	20	1		8.55	1	30		PHASE C	
128	PHASE A	16	20	1		8.55	1	30		PHASE A	
129	PHASE B	16	20	1		8.55	1	30		PHASE B	
130	PHASE C	16	20	1		8.55	1	30		PHASE C	
131	PHASE A	16	20	1		8.55	1	30		PHASE A	
132	PHASE B	16	20	1		8.55	1	30		PHASE B	
133	PHASE C	16	20	1		8.55	1	30		PHASE C	
134	PHASE A	16	20	1		8.55	1	30		PHASE A	
135	PHASE B	16	20	1		8.55	1	30		PHASE B	
136	PHASE C	16	20	1		8.55	1	30		PHASE C	
137	PHASE A	16	20	1		8.55	1	30		PHASE A	
138	PHASE B	16	20	1		8.55	1	30		PHASE B	
139	PHASE C	16	20	1		8.55	1	30		PHASE C	
140	PHASE A	16	20	1		8.55	1	30		PHASE A	
141	PHASE B	16	20	1		8.55	1	30		PHASE B	
142	PHASE C	16	20	1		8.55	1	30		PHASE C	
143	PHASE A	16	20	1		8.55	1	30		PHASE A	
144	PHASE B	16	20	1		8.55	1	30		PHASE B	
145	PHASE C	16	20	1		8.55	1	30		PHASE C	
146	PHASE A	16	20	1		8.55	1	30		PHASE A	
147	PHASE B	16	20	1		8.55	1	30		PHASE B	
148	PHASE C	16	20	1		8.55	1	30		PHASE C	
149	PHASE A	16	20	1		8.55	1	30		PHASE A	
150	PHASE B	16	20	1		8.55	1	30		PHASE B	
151	PHASE C	16	20	1		8.55	1	30		PHASE C	
152	PHASE A	16	20	1		8.55	1	30		PHASE A	
153	PHASE B	16	20	1		8.55	1	30		PHASE B	
154	PHASE C	16	20	1		8.55	1	30		PHASE C	
155	PHASE A	16	20	1		8.55	1	30		PHASE A	
156	PHASE B	16	20	1		8.55	1	30		PHASE B	
157	PHASE C	1									



SCALE : NONE

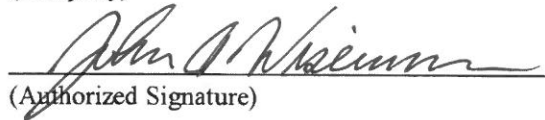
[illegible]

CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

Wiseman Construction Co., Inc.

(Company)



(Authorized Signature)

John A. Wiseman, President

(Representative Name, Title)

304-344-1200

304-344-1281

(Phone Number)

(Fax Number)

February 19, 2014

(Date)

RFQ No. DEFK14021STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

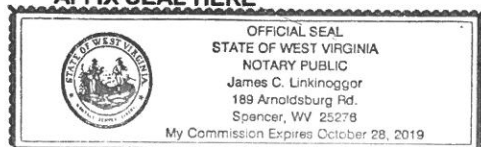
DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:Vendor's Name: Wiseman Construction Co, Inc.Authorized Signature: *John A. Wiseman* Date: 2/19/2014State of West VirginiaCounty of Kanawha, to-wit:Taken, subscribed, and sworn to before me this 19th day of February, 2014.My Commission expires October 28th, 2019.**AFFIX SEAL HERE**

NOTARY PUBLIC

James C. Linkinogor
 Purchasing Affidavit (Revised 07/01/2012)



State of West Virginia
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT
West Virginia Code §21-1D-5

STATE OF WEST VIRGINIA,
COUNTY OF Kanawha, TO-WIT:

I, John A. Wiseman, after being first duly sworn, depose and state as follows:

1. I am an employee of Wiseman Construction Co., Inc.; and,
(Company Name)
2. I do hereby attest that Wiseman Construction Co., Inc.
(Company Name)

maintains a valid written drug free workplace policy and that such policy is in compliance with **West Virginia Code §21-1D**.

The above statements are sworn to under the penalty of perjury.

By:

John A. Wiseman
Title: John A. Wiseman, President

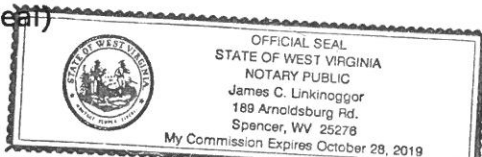
Company Name: Wiseman Construction Co., Inc.

Date: February 19, 2014

Taken, subscribed and sworn to before me this 19th day of February, 2014.

By Commission expires October 28, 2019

(Seal)



James C. Linkinogor
(Notary Public)

THIS AFFIDAVIT MUST BE SUBMITTED WITH THE BID IN ORDER TO COMPLY WITH WV CODE PROVISIONS. FAILURE TO INCLUDE THE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF THE BID.

BID BOND PREPARATION INSTRUCTIONS

 AGENCY (A) _____
 RFQ/RFP# (B) _____

- (A) WV State Agency
(Stated on Page 1 "Spending Unit")
- (B) Request for Quotation Number (upper right corner of page #1)
- (C) Your Business Entity Name (or Individual Name if Sole Proprietor)
- (D) City, Location of your Company
- (E) State, Location of your Company
- (F) Surety Corporate Name
- (G) City, Location of Surety
- (H) State, Location of Surety
- (I) State of Surety Incorporation
- (J) City of Surety's Principal Office
- (K) Minimum amount of acceptable bid bond is 5% of total bid. You may state "5% of bid" or a specific amount on this line in words.
- (L) Amount of bond in numbers
- (M) Brief Description of scope of work
- (N) Day of the month
- (O) Month
- (P) Year
- (Q) Name of Business Entity (or Individual Name if Sole Proprietor)
- (R) Seal of Principal
- (S) Signature of President, Vice President, or Authorized Agent
- (T) Title of Person Signing for Principal
- (U) Seal of Surety
- (V) Name of Surety
- (W) Signature of Attorney in Fact of the Surety

NOTE 1: Dated Power of Attorney with Surety Seal must accompany this bid bond.

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, _____ (C) of _____ (D) _____ (E) as Principal, and _____ (F) of _____ (G) _____ (H), a corporation organized and existing under the laws of the State of _____ (I) with its principal office in the City of _____ (J), as Surety, are held and firmly bound unto The State of West Virginia, as Obligor, in the penal sum of _____ (K) (\$ _____ (L)) for the payment of which, well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the Department of Administration a certain bid or proposal, attached hereto and made a part hereof to enter into a contract in writing for _____

(M)

NOW THEREFORE

(a) If said bid shall be rejected, or

(b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal attached hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform the agreement created by the acceptance of said bid then this obligation shall be null and void, otherwise this obligation shall remain in full force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated

The Surety for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of time within which the Obligor may accept such bid; and said Surety does hereby waive notice of any such extension.

WITNESS, the following signatures and seals of Principal and Surety, executed and sealed by a proper officer of Principal and Surety, or by Principal individually if Principal is an individual, the _____ (N) day of _____ (O), 20 _____ (P).

Principal Seal

(R)

 _____ (Q)
 (Name of Principal)

 By _____ (S)
 (Must be President, Vice President, or
 Duly Authorized Agent)

Surety Seal

(U)

 _____ (T)
 Title

 _____ (V)
 (Name of Surety)

 _____ (W)
 Attorney-in-Fact

IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance, must affix its seal, and must attach a power of attorney with its seal affixed.

BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Wiseman Construction Company, Inc.
of Charleston, WV, as Principal, and Ohio Farmers Insurance Company
of Westfield Center, OH, a corporation organized and existing under the laws of the State of
OH with its principal office in the City of Westfield Center, as Surety, are held and firmly bound unto the State
of West Virginia, as Obligee, in the penal sum of Five Percent of Amount Bid (\$ 5%) for the payment of which,
well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the
Department of Administration a certain bid or proposal, attached hereto and made a part hereof, to enter into a contract in writing for
DEFK14021 Coonskin Park Maintenance Facility at WV National Guard Charleston WV - According to Plans and
Specifications

NOW THEREFORE,

(a) If said bid shall be rejected, or
(b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal attached
hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform the
agreement created by the acceptance of said bid, then this obligation shall be null and void, otherwise this obligation shall remain in full
force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event,
exceed the penal amount of this obligation as herein stated.

The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no
way impaired or affected by any extension of the time within which the Obligee may accept such bid, and said Surety does hereby
waive notice of any such extension.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations
have caused their corporate seals to be affixed hereunto and these presents to be signed by their proper officers, this
28th day of January, 2014.

Principal Corporate Seal

Wiseman Construction Company, Inc.
(Name of Principal)

By John A. Wiseman, President
(Must be President or
Vice President)

John A. Wiseman, President
(Title)

Surety Corporate Seal

Ohio Farmers Insurance Company
(Name of Surety)

By Kimberly J. Wilkinson
Kimberly J. Wilkinson, WV Resident Agent Attorney-in-Fact

IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance. Corporate seals must be affixed,
and a power of attorney must be attached.

General
Power
of Attorney

Westfield Insurance Co.
Westfield National Insurance Co.
Ohio Farmers Insurance Co.
Westfield Center, Ohio

CERTIFIED COPY

Know All Men by These Presents, That WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, corporations, hereinafter referred to individually as a "Company" and collectively as "Companies," duly organized and existing under the laws of the State of Ohio, and having its principal office in Westfield Center, Medina County, Ohio, do by these presents make, constitute and appoint
GREGORY T. GORDON, ALLAN L. MC VEY, KIMBERLY J. WILKINSON, PATRICIA A. MOYE, JOINTLY OR SEVERALLY

of CHARLESTON and State of WV its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings, or other instruments or contracts of suretyship-

LIMITATION: THIS POWER OF ATTORNEY CANNOT BE USED TO EXECUTE NOTE GUARANTEE, MORTGAGE DEFICIENCY, MORTGAGE GUARANTEE, OR BANK DEPOSITORY BONDS.

and to bind any of the Companies thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the applicable Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolution adopted by the Board of Directors of each of the WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY:

"Be It Resolved, that the President, any Senior Executive, any Secretary or any Fidelity & Surety Operations Executive or other Executive shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

The Attorney-in-Fact, may be given full power and authority for and in the name of and on behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements of indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed by the President and sealed and attested by the Corporate Secretary."

"Be it Further Resolved, that the signature of any such designated person and the seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signatures or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached." (Each adopted at a meeting held on February 8, 2000).

In Witness Whereof, WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY have caused these presents to be signed by their National Surety Leader and Senior Executive and their corporate seals to be hereto affixed this 17th day of DECEMBER A.D., 2013.

Corporate
Seals
Affixed



WESTFIELD INSURANCE COMPANY
WESTFIELD NATIONAL INSURANCE COMPANY
OHIO FARMERS INSURANCE COMPANY

By: *Dennis P. Baus*

Dennis P. Baus, National Surety Leader and Senior Executive

State of Ohio
County of Medina ss.:

On this 17th day of DECEMBER A.D., 2013, before me personally came Dennis P. Baus to me known, who, being by me duly sworn, did depose and say, that he resides in Wooster, Ohio; that he is National Surety Leader and Senior Executive of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, the companies described in and which executed the above instrument; that he knows the seals of said Companies; that the seals affixed to said instrument are such corporate seals; that they were so affixed by order of the Boards of Directors of said Companies; and that he signed his name thereto by like order.

Notarial
Seal
Affixed



William J. Kahelin

William J. Kahelin, Attorney at Law, Notary Public
My Commission Does Not Expire (Sec. 147.03 Ohio Revised Code)

State of Ohio
County of Medina ss.:

I, Frank A. Carrino, Secretary of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Companies, which is still in full force and effect; and furthermore, the resolutions of the Boards of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seals of said Companies at Westfield Center, Ohio, this 28th day of January A.D., 2014



Frank A. Carrino Secretary
Frank A. Carrino, Secretary



State of West Virginia

PURCHASING DIVISION

Construction Bid Submission Review Form

This list has been provided for informational purposes only and is not to be construed as a complete list of request for quotation or bidding requirements for any individual construction project. This list does not and cannot include every item, mistake or oversight that could cause a contractor's bid to be disqualified. Rather, this list is intended to draw attention to some of the most common problems that the Purchasing Division encounters in the bidding process for construction projects. All potential bidders must read the request for quotation, all additional documents, and all instructions relating thereto ("Bid Documents") in their entirety to identify the actual request for quotation and bidding requirements. Failure to read the Bid Documents in their entirety and comply with the stated requirements contained therein may result in bid disqualification.

Errors That Shall Be Reason for Immediate Bid Disqualification

1. Failure to attend a mandatory pre-bid meeting
2. Failure to sign the bid
3. Failure to supply West Virginia contractor's license # on bid
4. Failure to supply a signed drug free workplace affidavit with the bid
5. Failure to supply a valid bid bond or other surety approved by the State of West Virginia
6. Failure to meet any mandatory requirement of the RFQ
7. Failure to acknowledge receipt of Addenda (only if stipulated as mandatory)
8. Failure to submit bid prior to the bid opening date and time
9. Federal debarment
10. State of West Virginia debarment or suspension

Errors that May Be Reason for Bid Disqualification Before Contract Award

1. Uncontested debt to the State exceeding \$1,000.00 (must be cured prior to award)
2. Workers' Compensation or Unemployment Compensation delinquency (must be cured prior to award)
3. Not registered as a vendor with the State (must be cured prior to award)
4. Failure to obtain required bonds and/or insurance
5. Failure to provide the sub-contractor listing within 1 business day of bid opening.
6. Failure to use the provided RFQ form (only if stipulated as mandatory).

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DEFK14021

000003

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

<input checked="" type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input checked="" type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input checked="" type="checkbox"/> Addendum No. 3	<input type="checkbox"/> Addendum No. 8
<input checked="" type="checkbox"/> Addendum No. 4	<input type="checkbox"/> Addendum No. 9
<input type="checkbox"/> Addendum No. 5	<input type="checkbox"/> Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Wiseman Construction Co., Inc.

Company



Authorized Signature

February 19, 2014

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

Proposal Form

West Virginia Army National Guard
Coonskin Park Maintenance Facility

1.1 NAME OF BIDDER: Wiseman Construction Co., Inc.

- A. The undersigned, hereinafter called Bidder, being familiar with and understanding the Bidding Documents and also having examined the site and being familiar with all local conditions affecting the project hereby proposes to furnish all labor, material, equipment, supplies and transportation and to perform all Work in accordance with the Bidding Documents within the time set forth for the sum of:

1.2 BASE BID

- A. Total Project Cost: (In words and numbers)

Nine Hundred Eighty-Four Thousand Dollars
(\$ 984,000. ⁰⁰)

(In the event of a difference between the written amount and the number amount, the written amount shall govern.)

1.3 UNIT PRICES

"Definition: A Unit Price is an amount stated in the Bid as a price per unit of measurement for materials, equipment or services or a portion of the work as described in the Bidding Documents. Unit Prices shall be used solely for the formulation of any change orders subsequently requested for the awarded contract"

<u>NUMBER</u>	<u>DESCRIPTION</u>
Unit Price No. 1:	Removal of unsatisfactory soil and replacement with satisfactory soil material \$ <u>30. ⁰⁰</u> Per Cubic Yard
Unit Price No. 2:	Rock excavation and replacement with satisfactory soil material. \$ <u>90. ⁰⁰</u> Per Square Foot

Coonskin Park Maintenance Facility

The Bidder, if successful and awarded the contract, agrees that all work is to be complete within the specified time period following issuance of the OWNER'S written notice to proceed. For each calendar day of delay in achieving completion, the Contractor shall be liable for, and shall pay the OWNER liquidated damages in the amount specified in the Contract Documents.

No work shall be performed prior to issuance of a signed Purchase Order and Notice to Proceed issued by the Owner. Any materials contracted for prior to the issuance of the OWNER'S written Notice to Proceed shall be at the Bidder's risk.

1.4 SIGNATURE OF BIDDER

Name of Firm: Wiseman Construction Co., Inc.

Address: 1616 6th Avenue

City/ State/ Zip Charleston, WV 25387

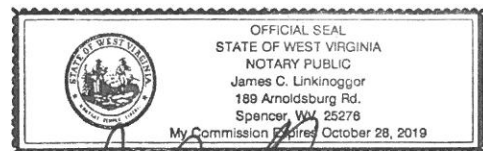
Phone No. (304) 344-1200

Fax No. (304) 344-1281

By: John A. Wiseman, President

Signature: 
(In colored Ink)

Signed and Sealed this 19th day of February, 2011



(Seal)

1.5 CONTRACTOR'S LICENSE

West Virginia Contractor's License No. WV000836

1.6 ADDENDA

- A. The undersigned acknowledges receipt of the following Addenda covering revisions to the Drawings, Specification and Bidding Documents. The cost, if any, of such revisions is included in the prices quoted.

Addendum No. 1, Dated 01/06/2014

Addendum No. 2, Dated 01/24/2014

Addendum No. 3, Dated 02/03/2014

Addendum No. 4, Dated 2/10/2014

Addendum No. _____, Dated _____

Addendum No. _____, Dated _____

END OF PROPOSAL FORM

ADDITIONAL TERMS AND CONDITIONS (Construction Contracts Only)

1. **CONTRACTOR'S LICENSE:** West Virginia Code § 21-11-2 requires that all persons desiring to perform contracting work in this state be licensed. The West Virginia Contractors Licensing Board is empowered to issue the contractor's license. Applications for a contractor's license may be made by contacting the West Virginia Division of Labor.

West Virginia Code § 21-11-11 requires any prospective Vendor to include the contractor's license number on its bid. Failure to include a contractor's license number on the bid shall result in Vendor's bid being disqualified. Vendors should include a contractor's license number in the space provided below.

Contractor's Name: Wiseman Construction Co., Inc.

Contractor's License No. WV000836

The apparent successful Vendor must furnish a copy of its contractor's license prior to the issuance of a purchase order/contract.

2. **DRUG-FREE WORKPLACE AFFIDAVIT:** W. Va. Code § 21-1D-5 provides that any solicitation for a public improvement contract requires each Vendor that submits a bid for the work to submit at the same time an affidavit that the Vendor has a written plan for a drug-free workplace policy. To comply with this law, Vendor must either complete the enclosed drug-free workplace affidavit and submit the same with its bid or complete a similar affidavit that fulfills all of the requirements of the applicable code. Failure to submit the signed and notarized drug-free workplace affidavit or a similar affidavit that fully complies with the requirements of the applicable code, with the bid shall result in disqualification of Vendor's bid.

2.1 DRUG-FREE WORKPLACE POLICY: Pursuant to W. Va. Code § 21-1D-4, Vendor and its subcontractors must implement and maintain a written drug-free workplace policy that complies with said article.

The awarding public authority may cancel this contract if: (1) Vendor fails to implement and maintain a written drug-free workplace policy described in the preceding paragraph, (2) Vendor fails to provide information regarding implementation of its drug-free workplace policy at the request of the public authority; or (3) Vendor provides to the public authority false information regarding the contractor's drug-free workplace policy.

3. **DRUG FREE WORKPLACE REPORT:** Pursuant to W. Va. Code § 21-1D-7b, no less than once per year, or upon completion of the project, every contractor shall provide a certified report to the public authority which let the contract. For contracts over \$25,000, the public authority shall be the West Virginia Purchasing Division. For contracts of \$25,000 or less, the public authority shall be the agency issuing the contract. The report shall include:

- (1) Information to show that the education and training service to the requirements of West Virginia Code § 21-1D-5 was provided;
- (2) The name of the laboratory certified by the United States Department of Health and Human Services or its successor that performs the drug tests;
- (3) The average number of employees in connection with the construction on the public improvement;
- (4) Drug test results for the following categories including the number of positive tests and the number of negative tests: (A) Pre-employment and new hires; (B) Reasonable suspicion; (C) Post-accident; and (D) Random.

Vendor should utilize the attached Certified Drug Free Workplace Report Coversheet when submitting the report required hereunder.

4. **AIA DOCUMENTS:** All construction contracts that will be completed in conjunction with architectural services procured under Chapter 5G of the West Virginia Code will be governed by the AIA A101-2007 and A201-2007 or the A107-2007 documents, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein.
5. **SUBCONTRACTOR LIST SUBMISSION:** In accordance with W. Va. Code § 5-22-1, The apparent low bidder on a contract for the construction, alteration, decoration, painting or improvement of a new or existing building or structure valued at more than \$250,000.00 shall submit a list of all subcontractors who will perform more than \$25,000.00 of work on the project including labor and materials. This provision shall not apply to any other construction projects, such as highway, mine reclamation, water or sewer projects. Additionally, if no subcontractors who will perform more than \$25,000.00 of work are to be used to complete the project, it will be noted on the subcontractor list.
 - a. **Required Information.** The subcontractor list shall contain the following information:
 - i. Bidder's name
 - ii. Name of each subcontractor
 - iii. License numbers as required by W. Va. Code § 21-11-1 et. seq.
 - iv. Notation that no subcontractor will be used to perform more than \$25,000.00 of work, when applicable
 - b. **Submission.** The completed subcontractor list shall be provided to the Purchasing Division within one business day of the opening of bids for review. Failure to submit the subcontractor list within one business day after the deadline for submitting bids shall result in disqualification of the bid.
 - c. **Substitution of Subcontractor.** Written approval must be obtained from the State Spending Unit before any subcontractor substitution is permitted. Substitutions are not permitted unless:

- i. The subcontractor listed in the original bid has filed for bankruptcy;
- ii. The subcontractor in the original bid has been debarred or suspended; or
- iii. The contractor certifies in writing that the subcontractor listed in the original bill fails, is unable, or refuses to perform his subcontract.

6. GREEN BUILDINGS MINIMUM ENERGY STANDARDS: In accordance with § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: *Provided*, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.