

ADVERTISEMENT

Bid Solicitation – Recreation Center Storage Addition

Worcester County is seeking Bids from qualified Vendors for the construction of an addition to the existing Recreation Center at 6030 Public Landing Road in conformity with the requirements contained herein Bid Documents.

Bid Documents for the above referenced project may be obtained from the Worcester County Commissioner's Office by either e-mailing the Procurement Officer, Nicholas Rice, at nrice@co.worcester.md.us or by calling 410-632-1194 during normal business hours, or via the County's Bids page on the County's website. Vendors are responsible for checking this website for addenda prior to submitting their bids. Worcester County is not responsible for the content of any Bid Document received through any third party bid service. It is the sole responsibility of the vendor to ensure the completeness and accuracy of their Completed Bid Documents.

A pre-bid meeting will be held at the Worcester County Recreation Center, located at 6030 Public Landing Road, on Friday, May 19, 2023 at 10:00 AM. The last day for questions will be noon on Wednesday, May 31, 2023. Sealed Bid Documents are due no later than 2:30pm on Friday, June 9, 2023 and will be opened and read aloud in the Office of the County Commissioners, Worcester County Government Center – Room 1103, One West Market Street, Snow Hill, Maryland 21863.

Late Bid Documents will not be accepted.

Minority vendors are encouraged to compete for award of the solicitation.

Nicholas W. Rice, CPPO, CPPB, NIGP-CPP Procurement Officer Worcester County, Maryland

Worcester County Administration 1 West Market Street, Room 1103 Snow Hill, Maryland 21863



INVITATION FOR BID

PROJECT: Wor	cester County Recreation Storage Addition	
DEPARTMENT:	Parks and Recreation	
	VENDOR:	
NAME:		
ADDRESS:		
	BID OPENING:	
DATE:	Friday, June 9, 2023	
	2:30 PM	

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SECTION I: INTRODUCTION

A. **PURPOSE**

1. The purpose of this Invitation for Bid Document is for Worcester County ("County") to contract for the construction of an addition to the existing Recreation Center at 6030 Public Landing Road in conformity with the requirements contained herein ("Bid Document(s)").

B. CLARIFICATION OF TERMS

1. Firms or individuals that submit a bid for award of a contract ("Contract") are referred to as vendors ("Vendors") in this document. The Vendor that is awarded the Contract is herein referred to as the ("Successful Vendor").

C. QUESTIONS AND INQUIRES

- 1. Questions must be addressed in writing to the Worcester County Procurement Officer at nrice@co.worcester.md.us.
- 2. The <u>last</u> date to submit questions for clarification will be <u>noon on Wednesday, May 31, 2023.</u> addenda are posted on the County website at https://www.co.worcester.md.us/ under County Info: Bid Board: at https://www.co.worcester.md.us/commissioners/bids at least five calendar days before bid opening.
- 3. It is the Vendors responsibly to make sure all addenda are acknowledged in their bid. Failure to do so could result in the bid being disqualified.

D. FILLING OUT BID DOCUMENTS

- 1. Use only forms supplied by the County.
- One unbound original and two bound copies of the bid form and any required attachments must be submitted in the solicitation and can be submitted in the same envelope unless otherwise instructed.
- 3. Bid Documents should be complied as follows: (1) Cover letter, (2) Form of Bid, (3) References, (4) Exceptions Document and Signed addenda, if necessary (5) Individual Principal Document,
 - (6) Vendor's Affidavit of Qualification to Bid, and (7) Non-Collusive Affidavit
- 4. Where so indicated by the make-up of the Bid Documents, sums will be expressed in both words and figures, and in the case of a discrepancy between the two, the amount written in words will govern. In the event there is a discrepancy between the unit price and the extended totals, the unit prices will govern.
- 5. Any interlineation, alteration, or erasure will be initialed by the signer of the Bid Documents.
- 6. Each copy of the Bid Documents will be signed by the person(s) legally authorized to bind the Vendor to a contract, using the legal name of the signer. Bid Documents submitted by an agent will have a current Power of Attorney attached certifying the agent's authority to bind the Vendor.
- 7. Vendor will supply all information and submittals required by the Bid Documents to constitute a proper and responsible completed Bid Document package.
- 8. Any ambiguity in the Bid Documents as a result of omission, error, lack of clarity or non-compliance by the Vendor with specifications, instructions, and/or all conditions of bidding will be construed in the light most favorable to the County.

E. SUBMISSION OF BID DOCUMENTS

1. All copies of the Bid Documents and any other documents required to be submitted with the Bid Documents will be enclosed in a sealed envelope. The envelope will be addressed to the

Worcester County Commissioners and will be identified with the project name: **WORCESTER COUNTY RECREATION STORAGE ADDITION** and the Vendor's name and address. If the Bid Documents are sent by mail, the sealed envelope will be enclosed in a separate mailing envelope with the notation "SEALED BID DOCUMENTS ENCLOSED" on the face thereof.

- 2. Bids must be mailed or hand carried to the Worcester County Administration Office, 1 West Market Street, Room 1103, Snow Hill, MD 21863, in order to be received prior to the announced bid deadline. Bids received after said time or delivered to the wrong location will be returned to the Vendor unopened.
- 3. Bids are due and will be opened at the time listed on the front of this Bid Document.
- 4. If you are delivering a bid in person please keep in mind to allow time to get through security and into the Administration Office. It is fully the responsibility of the Vendor to ensure that the bid is received on time.
- 5. The County will not speculate as to reasonableness of the postmark, nor comment on the apparent failure of a public carrier to have made prompt delivery of the bid.
- 6. Vendors, or their authorized agents, are expected to fully inform themselves as to the conditions, requirements, and specifications before submitting Bid Documents; failure to do so will be at the Vendor's own risk.
- 7. A fully executed Affidavit of Qualification to Bid will be attached to each Bid Document.
- 8. Minority vendors are encouraged to participate.
- 9. All Vendor submitted Bid Documents will be valid for a minimum of sixty days from the date of Bid Document opening.
- 10. Electronically mailed bids are **not** considered sealed bids and will **not** be accepted.

F. **OPENING OF BIDS**

- 1. Bid Documents received on time will be opened publicly and Vendor's names and total costs will be read aloud for the record.
- 2. The Contract will be awarded or all Bid Documents will be rejected within sixty days from the date of the Bid Document opening.

G. ACCEPTANCE OR REJECTION OF BIDS

- 1. Unless otherwise specified, the Contract will be awarded to the most responsible and responsive Vendor complying with the provisions of the Bid Documents, provided the bid does not exceed the funds available, and it is in the best interest of the County to accept it. The County reserves the right to reject the Bid Documents of any Vendor who has previously failed to perform properly in any way or complete on time contracts of a similar nature; or a Bid Document from a Vendor who, investigation shows, is not in a position to perform the Contract; or Bid Documents from any person, firm, or corporation which is in arrears or in default to the County for any debt or contract.
- 2. Completed Bid Documents from Vendors debarred from doing business with the State of Maryland or the Federal Government will not be accepted.
- 3. In determining a Vendor's responsibility, the County may consider the following qualifications, in addition to price:
 - a. Ability, capacity, and skill to provide the commodities or services required within the specified time, including future maintenance and service, and including current financial statement or other evidence of pecuniary resources and necessary facilities.
 - b. Character, integrity, reputation, experience and efficiency.

- c. Quality of past performance on previous or existing contracts, including a list of current and past contracts and other evidence of performance ability.
- d. Previous and existing compliance with laws and ordinances relating to contracts with the County and to the Vendor's employment practices.
- e. Evidence of adequate insurance to comply with Contract terms and conditions.
- Statement of current work load and capacity to perform/provide the Goods and/or Services.
- g. Explanation of methods to be used in fulfilling the Contract.
- h. The Vendor, if requested, will be prepared to supply evidence of its qualifications, listed above, and its capacity to provide/perform the Goods and/or Services; such evidence to be supplied within a specified time and to the satisfaction of the County.
- 4. In determining a Vendor's responsiveness, the County will consider whether the Bid Document conforms in all material respects to the Bid Documents. The County reserves the right to waive any irregularities that may be in its best interest to do so.
- 5. The County will have the right to reject any and all Bid Documents, where applicable to accept in whole or in part, to add or delete quantities, to waive any informalities or irregularities in the Bid Document received, to reject a Bid Document not accompanied by required Bid security or other data required by the Bid Documents, and to accept or reject any Bid Document which deviates from specifications when in the best interest of the County. Irrespective of any of the foregoing, the County will have the right to award the Contract in its own best interests.

H. QUALIFICATIONS

- 1. The Vendor must be in compliance with the laws regarding conducting business in the State of Maryland.
 - All Vendors shall provide a copy Certificate of Status from the Maryland Department of Assessments and Taxation, evidencing the Vendor is in good standing with the State of Maryland. See https://sdatcert1.resiusa.org/certificate_net/ for information on obtaining the Certificate of Status. Certificates of status are not available for trade names, name reservations, government agencies, sole proprietorships, and some other accounts as these are not legal entities and thus are not required for these categories of Vendors. For more information on the Certificate of Status please see http://www.dat.state.md.us/sdatweb/COSinfo.html.
- 2. Worcester County reserves the right, at its sole discretion, to extend the date this documentation must be provided. The Vendor's inability to provide this documentation could result in the bid being rejected.

I. DESCRIPTIVE LITERATURE

- 1. The proposed descriptive literature fully describing the product bid is what is intended to be included as the price. Failure to do so may be cause for rejection of the bid.
- 2. Any items, systems or devices supplied in this bid that are proprietary in nature relative to maintenance, repair, servicing or updating must be disclosed on the bid form.

J. NOTICE TO VENDORS

1. Before a Vendor submits the Bid Documents it will need to become fully informed as to the extent and character of the Goods and/or Services required and are expected to completely familiarize themselves with the requirements of this Bid Document's specifications. Failure to do so will not relieve the Vendor of the responsibility to fully perform in accordance therewith. No consideration will be granted for any alleged misunderstanding of the material to be furnished or

the Services to be performed, it being understood that the submission of a Bid Document is an agreement with all of the items and conditions referred to herein.

K. PIGGYBACKING

- 1. Worcester County may authorize, upon request, any governmental entity (hereafter Authorized User) within the County to purchase items under the contract awarded pursuant to this bid solicitation.
- 2. All purchase orders issued against the contract by an authorized User shall be honored by the Successful Vendor in accordance with all terms and conditions of this contract.
- 3. The issuance of a purchase order by an Authorized User pursuant to this provision shall constitute an express assumption of all contractual obligations, covenants, conditions and terms of the contract. A breach of the contract by any particular Authorized User shall neither constitute nor be deemed a breach of the contract as a whole which shall remain in full force and effect, and shall not affect the validity of the contract nor the obligations of the Successful Vendor thereunder respecting the County.
- 4. The County specifically and expressly disclaims any and all liability for any breach by an Authorized User other than the County and each such Authorized User and Successful Vendor guarantee to save the County, its officers, agents and employees harmless from any liability that may be or is imposed by the Authorized User's failure to perform in accordance with its obligations under the contract.

END OF SECTION

SECTION II: GENERAL INFORMATION

A. ECONOMY OF BID

Bid Documents will be prepared simply and economically, providing straightforward and concise
description of the Vendor's capabilities to satisfy the requirements of the Bid Documents.
Emphasis should be on completeness and clarity of content. Elaborate brochures and other
representations beyond that sufficient to present a complete and effective Bid Document are
neither required nor desired.

B. PUBLIC INFORMATION ACT (PIA)

- 1. Worcester County is subject to the Maryland Public Information Act and may be required to release bid submissions in accordance with the Act.
- 2. Any materials the Vendor deems to be proprietary or copyrighted must be marked as such; however, the material may still be subject to analysis under the Maryland Public Information Act.
 - a. The Vendor may invoke proprietary information or trade secret protection for submission of any data/material by (1) identifying the data/material in a written description, (2) clearly marking the data/material as proprietary, and (3) providing a written statement detailing the reasons why protection is necessary. The County reserves the right to ask for additional clarification prior to establishing protection.

C. CONTRACT AWARD

- A written award by the County to the Successful Vendor in the form of a Purchase Order or other
 contract document will result in a binding Contract without further action by either party. If the
 Successful Vendor fails or refuses to sign and deliver the Contract and the required insurance
 documentation, the County will have the right to award to the next responsible and responsive
 Vendor. Contract will be executed by the Successful Vendor within fourteen calendar days of
 receipt of the Contract.
- 2. Bid Documents and Contracts issued by the County will bind the Vendor to applicable conditions and requirements herein set forth, unless otherwise specified in the Bid Documents, and are subject to all federal, state, and municipal laws, rules, regulations, and limitations.
- 3. County personal property taxes ("Taxes") must be on a current basis; if any such Taxes are delinquent, they must be paid before award of Contract. Failure to pay will result in the award of Contract to another Vendor.
- 4. The County reserves the right to engage in individual discussions and interviews with those Vendors deemed fully qualified, responsible, suitable and professionally competent to provide the required Goods and/or Services should the project size warrant it. Vendors will be encouraged to elaborate on their qualifications, performance data, and staff expertise.

D. AUDIT

 The Successful Vendor agrees to retain all books, records, and other documents relative to the awarded Contract for five years after final payment, or until audited. The County, its authorized agents, and/or State auditors will have full access to and the right to examine any of said materials during said period.

E. NONPERFORMANCE

1. The County reserves the right to inspect all operations and to withhold payment for any goods not performed or not performed in accordance with the specifications in this Bid Document. Errors, omissions or mistakes in performance will be corrected at no cost to the County. Failure to do so

will be cause for withholding of payment for that Goods and/or Services. In addition, if deficiencies are not corrected in a timely manner, the County may characterize the Successful Vendor as uncooperative, which may jeopardize future project order solicitations.

F. MODIFICATION OR WITHDRAWL OF BID

1. A Bid Document may not be modified, withdrawn, or cancelled by the Vendor during the stipulated time period following the time and date designated for the receipt of Bid Documents, and each Vendor so agrees in submitting Bid Documents.

G. DEFAULT

- 1. The Contract may be cancelled or annulled by the County in whole or in part by written notice of default to the Successful Vendor upon non-performance, violation of Contract terms, delivery failure, bankruptcy or insolvency, any violation of state or local laws, or the making of an assignment for the benefit of creditors. An award may then be made to the next most highly rated Vendor, or when time is of the essence, similar commodities and/or service may be purchased on the open market. In either event, the defaulting Vendor (or his surety) will be liable to the County for cost to the County in excess of the defaulted Contract price.
- 2. If a representative or warranty of either Party to the Contract is false or misleading in any material respect, or if either Party breaches a material provision of the Contract ("Cause"), the non-breaching Party will give the other Party written notice of such cause. If such Cause is not remedied within fifteen calendar days ("Cure Period") after receipt of such notice, (unless, with respect to those Causes which cannot be reasonably corrected or remedied within the Cure Period, the breaching Party will have commenced to correct or remedy the same within such Cure Period and thereafter will proceed with all due diligence to correct or remedy the same), the Party giving notice will have the right to terminate this Contract upon the expiration of the Cure Period.

H. COLLUSION/FINANCIAL BENEFIT

- 1. The Vendor certifies that his/her Bid is made without any previous understanding, agreement, or connection with any person, firm, or corporation making a Bid Document for the same project; without prior knowledge of competitive prices; and is in all respects fair, without outside control, collusion, fraud, or otherwise illegal action.
- 2. Upon signing the Bid Document, Vendor certifies that no member of the governing body of the County, or members of his/her immediate family, including spouse, parents or children, or any other officer or employee of the County, or any member or employee of a Commission, Board, or Corporation controlled or appointed by the County Commissioners has received or has been promised, directly or indirectly, any financial benefit, related to this Bid Document and subsequent Contract.

I. TAX EXEMPTION

- 1. In buying products directly from a Vendor, Worcester County is exempt from being *directly* charged Federal excise and Maryland sales tax. A copy of an exemption certificate shall be furnished upon request.
- 2. According to the Office of the Comptroller of Maryland, a *Contractor is responsible for paying sales tax* on his/her purchases relating to any projects or services and should incorporate it into their bid.
- 3. Successful Vendors **cannot** use the County tax exemption to buy materials or products used on County projects.

J. CONTRACT CHANGES

- 1. No claims may be made by anyone that the scope of the project or that the Vendor's Goods and/or Services have been changed (requiring changes to the amount of compensation to the Vendor or other adjustments to the Contract) unless such changes or adjustments have been made by an approved written amendment (Change Order) to the Contract signed by the Chief Administrative Officer (and the County Commissioners, if required), prior to additional Goods and/or Services being initiated. Extra Goods and/or Services performed without prior, approved, written authority will be considered as unauthorized and at the expense of the Vendor. Payment will not be made by the County.
- 2. No oral conversations, agreements, discussions, or suggestions, which involve changes to the scope of the Contract, made by anyone including any County employee, will be honored or valid. No written agreements or changes to the scope of the Contract made by anyone other than the Procurement Officer (with the Chief Administrative Officer and/or County Commissioners approval, if required) will be honored or valid.
- If any Change Order in the Goods and/or Services results in a reduction in the Goods and/or Services, the Vendor will neither have, nor assert any claim for, nor be entitled to any additional compensation for damages or for loss of anticipated profits on Goods and/or Services that are eliminated.

K. ADDENDUM

- No oral statements of any person will modify or otherwise affect or interpret the meaning of the Contract specifications, or the terms, conditions, or other portions of the Contract. All modifications and every request for any interpretation must be addressed to Worcester County's Procurement Officer and to be given consideration, must be received no later than the last day for questions listed in Section I, Subsection C.2.
- 2. Any and all interpretations, corrections, revisions, and amendments will be issued by the Procurement Officer to all holders of Bid Documents in the form of written addenda. Vendors are cautioned that any oral statements made by any County employee that materially change any portion of the Bid Documents cannot be relied upon unless subsequently ratified by a formal written amendment to the Bid Document.
- 3. All addenda will be issued so as to be received at least five days prior to the time set for receipt of Bid Documents, and will become part of the Contract and will be acknowledged in the Bid Document form. Failure of any Vendor to receive any such addenda will not relieve said Vendor from any obligation under the Bid Document as submitted.
- 4. Vendors are cautioned to refrain from including in their Bid Document any substitutions which are not confirmed by written addenda. To find out whether the County intends to issue an amendment reflecting an oral statement made by any employee, contact Worcester County's Procurement Officer during normal business hours.
- 5. The Worcester County Procurement Officer reserves the right to postpone the Bid Document opening for any major changes occurring in the five-day interim which would otherwise necessitate an Addendum.

L. EXCEPTIONS/SUBSTITUTIONS

1. Any exceptions or substitutions to the specifications requested should be marked on the bid form and listed on a separate sheet of paper attached to the bid.

- 2. An exception to the specifications may disqualify the bid. The County will determine if the exception is an essential deviation or a minor item.
- 3. In the case of a minor deviation, the County maintains the option to award to that Vendor if it determines the performance is not adversely affected by the exception.

M. APPROVED EQUALS

- 1. In all specifications where a material or article is defined by describing a proprietary product or by using the name of a Vendor or manufacturer, it can be assumed that an approved equal can be substituted.
- 2. The use of a named product is an attempt to set a particular standard of quality and type that is familiar to the County. Such references are not intended to be restrictive.
- 3. However, the County shall decide if a product does in fact meet or exceed the quality of the specifications listed in the solicitation. It shall be the responsibility of the Vendor that claims his product is an equal to provide documentation to support such a claim.

N. DELIVERY

1. All items shall be delivered F.O.B. destination and delivery costs and charges included in the bid unless otherwise stated in the specifications or bid form.

O. INSURANCE

- If required by the General Conditions or Terms and Conditions, the Successful Vendor shall
 provide the County with Certificates of Insurance within ten calendar days of bid award
 notification evidencing the required coverage.
- 2. Successful Vendor must provide Certificates of Insurance before commencing work in connection with the Contract.

P. BID EVALUATION

Bid tabulations will be posted on the County website at
 https://www.co.worcester.md.us/commissioners/bids.
 Click on the Expired Bids & Results tab
 and find the bid tabulation for the bid you are interested in. Bid tabulations will be posted as soon as reasonably possible after the Bid opening.

END OF SECTION

SECTION III: GENERAL CONDITIONS

A. DRAWINGS AND SPECIFICATIONS

- 1. Should any detail be omitted from the drawings or specifications, or should any errors appear in either, it shall be the duty of the Successful Vendor to notify the County's designated construction inspector.
- 2. In no case shall the Successful Vendor proceed with the work without notifying and receiving definite instructions from the County. Work wrongly constructed without such notification shall be corrected by the Successful Vendor at his own cost.

B. MATERIALS, SERVICES AND FACILITIES

- It is understood that, except as otherwise specifically stated in the Bid Documents, the Successful Vendor will provide and pay for all materials, labor, tools, equipment, water, light, power and transportation, supervision, temporary construction of any nature, and all other services and facilities of any nature whatsoever necessary to execute, complete, and deliver the Work within the specified time.
- 2. Materials and equipment will be so stored as to insure the preservation of their quality and fitness for the Work. Stored materials and equipment to be incorporated in the Work will be located so as to facilitate prompt inspection.
- 3. Manufactured articles, materials, and equipment will be applied, installed, connected, erected, used, cleaned and conditioned as directed by the manufacturer.
- 4. Materials, supplies and equipment will be in accordance with samples submitted by the Successful Vendor and approved by the County.

C. INSPECTION AND TESTING

- 1. All materials and equipment used in the construction of the Work will be subject to adequate inspection and testing in accordance with generally accepted standards, as required and defined in the Bid Documents.
- The County or its representatives may, at any time, enter upon the work and the premises used by the Successful Vendor, and the Successful Vendor shall provide proper and safe facilities to secure convenient access to all parts of the work, and all other facilities necessary for inspection, as may be required.
- 3. The County will appoint such persons as deemed necessary to properly inspect the materials furnished or to be furnished, and the work done under the contract and to see that the same strictly corresponds with the drawings and specifications. All such materials and workmanship shall be subject to approval of the County. Approval or acceptance of payment shall not be misconstrued as approval of items or work not in conformance with specifications and drawings nor shall it prevent the rejection of said work or materials at any time thereafter during the existence of the contract, should said work or materials be found to be defective, or not in accordance with the requirements of the contract.
- 4. Work and material will be inspected promptly, but if for any reason should a delay occur, the Successful Vendor shall have no claim for damages or extra compensation.
- 5. The Successful Vendor shall pay for all inspection costs necessary to complete the work which may be incurred to comply with the requirements of any agency other than the County, such as a railroad, public service utility company, or any other governmental agency or any other agency whose jurisdiction affects the work in any manner unless otherwise specified herein.

D. APPROVAL OF SUBSTITUTION OF MATERIALS

- 1. Samples of materials shall be submitted by the Successful Vendor for approval before such materials are ordered from the manufacturers or distributors and shall be approved by the County before actual work is begun.
- 2. It is the intention of these specifications to permit all vendors bidding on this work to secure the fullest amount of competition on the various materials and specialties names herein. Wherever a material or article is defined by describing a proprietary product or by using the name of a vendor or manufacturer, the term or approved equal shall be presumed to be implied unless otherwise stated.

E. PROTECTION OF WORK, PROPERTY AND PERSONS

- 1. Successful Vendor will be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Successful Vendor will take all necessary precautions and programs in connection with the Work. Successful Vendor will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to, all employees on the Work and other persons who may be affected thereby, all the Work and all materials or equipment to be incorporated therein, whether in storage on off the site, and other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.
- 2. Successful Vendor will comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction. Successful Vendor will erect and maintain, as required by the conditions and progress of the Work, all necessary safeguards for safety and protection. Successful Vendor will notify owners of adjacent utilities when progress of the Work may affect them. The Successful Vendor will remedy all damage, injury or loss to any property caused, directly or indirectly, in whole or in part, by Successful Vendor, any Subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them be liable.
- 3. In emergencies affecting the safety of persons or the Work or property at the site or adjacent thereto, the Successful Vendor, without special instruction or authorization from the County, will act to prevent threatened damage, injury or loss. Successful Vendor will give the County prompt Written Notice of any significant changes in the Work or deviations from the Bid Documents caused thereby, and a Change Order will thereupon be issued covering the changes and deviations involved.

F. BARRICADES, DANGER, WARNING AND DETOUR SIGNS

1. The Successful Vendor shall provide, erect and maintain all necessary barricades, sufficient red lights, flares, danger signals and signs, provide a sufficient number of watchmen and take all necessary precautions for the protection of the work and safety of the public.

G. LICENSES AND PERMITS

- 1. The Successful Vendor shall have all necessary licenses required to do the work and give all notices and obtain and pay all necessary permits required by local laws and regulations for building.
- 2. State and Federal permits (if applicable) to undertake work have been obtained by the County and accompany these specifications.

H. SUPERVISION

- 1. The Successful Vendor shall maintain, at all times during the progress of work, a competent and experienced supervisor who shall represent the Successful Vendor, and all directions given to him shall be binding. Important decisions regarding directions, if requested by the supervisor, shall be confirmed in writing.
- Supervision by the County or its representative does not relieve the Successful Vendor of
 responsibility for defective work executed under the direct control of the Successful Vendor.
 Responsibility for defective work rests upon the Successful Vendor, whether discovered by the
 County prior to final payment or subsequent thereto.

I. CLEAN UP

- 1. Upon completion of the items within a given location as specified and before monthly estimates will be paid, the construction area and all other areas occupied by the Successful Vendor during the construction of said Contract shall be cleaned of all surplus and discarded materials, bracing, forms, rubbish and temporary structures that were placed there by the Successful Vendor.
- 2. Disposal of the aforementioned shall be the responsibility of the Successful Vendor.

J. CHANGES IN WORK

- 1. The County, without invalidating the contract, may order extra work or make changes by altering, adding or deducting from the work with the contract sum being adjusted accordingly.
- 2. All such work shall be executed under the conditions of the original contract, except that any claim for the extension of time caused thereby shall be adjusted at the time of ordering such change.
- 3. The value of any such extra work or change shall be determined in one or more of the following ways:
 - a. By estimate and acceptance of lump sum.
 - b. By unit prices named in the contract or subsequently agreed upon.

K. TIME FOR COMPLETION

- 1. The Work contemplated under this Contract shall be considered as continuous and be completed within the timeframe(s) stated in Section IV of this Bid Document.
- 2. The Successful Vendor will be allowed to work eight hours per day, Monday through Friday, except for holidays, fifty-two weeks per year.
- 3. The Successful Vendor will not be permitted to work on holidays observed by Worcester County or the State of Maryland or on Sundays unless otherwise authorized in writing.
- 4. In case of an emergency which may require that work be done on Saturdays, Sundays, and Holidays, the Successful Vendor shall request permission of the County to do so. If, in the opinion of the County, the emergency is bonafide, permission may be granted to the Successful Vendor to work such hours as may be determined are necessary by the County. Also, if in the opinion of the County a bonafide emergency exists, the Successful Vendor may be directed to work such hours as may be necessary whether or not the Successful Vendor requests permission to do so.
- 5. The Successful Vendor shall pay the County for all costs incurred for inspection services required for work permitted during holidays, weekends or in excess of eight hours per day.

L. LIQUIDATED DAMAGES

1. If the Successful Vendor shall fail to start and complete the project within the time frame stated above, the County shall assess liquidated damages in the amounts listed below per calendar day for each and every day the Successful Vendor fails to complete the contract.

Amount of Contract	Liquidated Damages per Day			
Less than \$10,000	\$100.00			
\$10,000 or less than \$100,000	\$250.00			
\$100,000 or less than \$500,000	\$750.00			
\$500,000 or more	\$1,000.00			
Or will be based on actual cost to the County, whichever is greater.				

2. The designated County project manager reserves the option to extend the scheduled completion date or waive the liquidated damages clause in its entirety if he is of the opinion that extenuating circumstances deemed such action appropriate.

M. CORRECTION OF WORK

- 1. The Successful Vendor will promptly remove from the premises all Work rejected by the County for failure to comply with the Bid Documents, whether incorporated in the construction or not, and the Successful Vendor will promptly replace and re-execute the Work in accordance with the Bid Documents and without expense to the County and will bear the expense of making good all Work of other Vendors destroyed or damaged by such removal or replacement.
- 2. All removal and replacement Work will be done at the Successful Vendor's expense. If the Successful Vendor does not act to remove such rejected Work within ten days after receipt of Written Notice, the County may remove such Work and store the materials at the expense of the Successful Vendor.

N. CONSTRUCTION SAFETY AND HEALTH STANDARDS

- 1. It is a condition of this contract, and shall be made a condition of each sub-contract entered into pursuant to this contract, that the Successful Vendor and any sub-contractor shall not require any laborer or mechanic employed in performance of the contract to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health or safety, as determined under construction safety and health standards (Title 29, Code of Federal Regulations, Part 1926, formerly Part 1518, as revised from time to time, promulgated by the United States Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standard Act.) (83 Stat. 96).
- 2. Failure of Worcester County to inform the Successful Vendor of safety violations will not release the Successful Vendor of his responsibilities.

O. BID BOND

1. Bid Documents must be accompanied by a Bid Bond if the Vendor's total Bid amount exceeds \$100,000, payable to the County for five percent of the total amount of the bid. After the analysis of the Bid Documents the County will return Bid Bonds to all Vendors except the three lowest Responsive and Responsible Vendors. After execution of the Contract, and receipt, execution, and approval of the Successful Vendor's Payment and Performance bond, the Bid Bonds will be returned. A certified check may be used in lieu of a Bid Bond.

2. The County, at its discretion, may consider a Vendor in default if the Vendor fails to execute the Contract, in which the County will retain said Bid Bond.

P. PERFORMANCE AND PAYMENT BONDS

- 1. The Successful Vendor will be required to provide the County with a Performance Bond and Payment Bond if the total Contract amount exceeds \$100,000, each in the amount of one hundred percent of the Contract Price, with a corporate surety approved by the County for the faithful performance of the Contract.
- 2. The Successful Vendor will within fourteen calendar days after the receipt of the Contract furnish the County with a Performance Bond and Payment Bond in penal sums equal to the amount of the Contract Price, conditioned upon the performance by the Successful Vendor of all undertakings, covenants, terms, conditions and agreements of the Bid Documents, and upon the prompt payment by the Successful Vendor to all persons supplying labor and materials in the prosecution of the Work provided by the Bid Document. Such Bonds will be executed by the Successful Vendor and corporate bonding company licensed to transact such business in the state in which the Work is to be performed and named on the current list of "Surety Companies Acceptable on Federal Bonds" as published in the Circular Number 570. The expense of these Bonds will be borne by the Successful Vendor. If at any time a surety on any such Bond is declared bankrupt or loses its right to do business in the State of Maryland or is removed from the list of surety companies accepted on federal bonds, Successful Vendor will within ten calendar days after notice from the County to do so, substitute an acceptable Bond(s) in such form and sum and signed by such other surety or sureties as may be satisfactory to the County.

Q. GUARANTEE

- The Successful Vendor shall furnish the County with a one-year guarantee of workmanship and materials, dating from time of acceptance of the project and shall make good any defects which may occur during that period.
- 2. If any special guarantees in excess of the one-year period are specified by the manufacturer, these guarantees shall take precedence over the one-year period guarantee.
- 3. Upon completion of work, and before final payment or release of retainage, the Successful Vendor shall submit, and obtain from each subcontractor, material supplier and equipment manufacture general warranties and a notarized asbestos free guarantee.

END OF SECTION

SECTION IV: BID SPECIFICATIONS

A. SCOPE

- 1. The County is seeking bids from qualified Vendors to construct an addition to the existing Recreation Center at 6030 Public Landing Road in accordance with the terms and conditions and specifications set forth in this solicitation.
- 2. This scope of work is written to outline services of General Contractor to complete the improvements in accordance with plans and specifications. Construction includes all labor, material, supervision and work necessary to complete the site work and building construction delineated on the project plans, drawings and specifications.

B. CONTRACT PRICING

- 1. Pricing must include all labor, materials, tools, and equipment to perform Work.
- 2. Pricing will not change during the Contract Period.

C. SUMMARY

- 1. The existing building currently contains offices and recreation facilities. Water and sewer service are supplied by Town of Snow Hill, Maryland. Electric service is provided by Delmarva Power.
- 2. Additions include approximately 1500 square feet for equipment storage. The Successful Vendor will be required to coordinate with Worcester County Personnel, Architect/Engineers, Building Director, and County designees as appropriate to complete the project. This project will require relocation of existing gas piping underground to the existing building prior to construction of the new addition to allow continued service of the existing facility. Any utility outage must be approved by the facility manager.
- 3. Time for Performance: Construction for the building shall be substantially complete in 12 Months beyond "Notice to Proceed" by Worcester County. The contractor shall provide a timeline schedule of all major work and provide to the owner. Schedules must be updated monthly. Project progress meetings will be held bi-monthly. The contractor will be responsible to meet with and coordinate sub-contractors on-site.
- 4. Equipment and Material Supply and Installation per Architect's Drawings and Specifications "Worcester County Recreation Storage Addition".
- 5. Construction Services Supply all labor and supervision, tools and equipment necessary to complete the project in accordance with the plans and specifications.
- 6. The contractor shall submit within 10 days after contract award a schedule of values and timeline schedule for review and approval by the owner and architect.
- 7. The Local Jurisdiction for the project is Worcester County Maryland.
- 8. Material supply shop drawings are required for owner approval. Submittals shall include equipment drawings, specifications, brochures, and literature that describes the equipment proposed. Submittals mechanical, electrical, and those designated on the architectural drawings are required. A minimum of four (3) copies of submittals are required and one copy will be returned to the general contractor. Structural shop drawings for the steel building require design and certification by a Maryland Engineer. Designs must include COMcheck reports showing energy code compliance.
- 9. Material color selections shall match the existing building and shall be approved by the Owner and Architect. Submittals are required.
- 10. Upon completion, the contractor shall provide a set of "As-built drawings" showing all deviations from the contract drawings and actual installation details affecting architectural, electrical, mechanical, civil, structural, plumbing and HVAC systems.

- 11. Change orders Change orders shall be submitted to the owner 2 copies are required. Change orders must include a full itemization of material and labor necessary to complete the work and include a written description of the change. It is preferable to execute change orders by lump sum price.
- 12. Storage Contractors may store material on-site and stage for installation. Stored material must be protected as required. The owner is not responsible for stolen or damaged stored material. Site storage space is limited and items must be minimized to allow use of the adjacent parking area. Perimeter fencing around the construction area is required to prevent danger to the public and protect the worksite. The Recreation Facility shall function during construction. Contractors must coordinate with County Personnel to maintain public parking and access.
- 13. Contractor shall maintain a construction work crew at site and include supervision and all trade labor sufficient to expedite and complete the designated work. A responsible Contractor representative must be maintained on-site while work is in progress.
- 14. A work initiating meeting shall be held with the contractor and owner after award to review the contract documents, schedule, work plan and any other issues pertinent to the completion of the project. At the initial meeting, the contractor shall present the work plan and sequence of work to the owner. Prior to beginning work on the project, the selected contractor shall be provided "Notice to Proceed" letter from the Owner.
- 15. The contractor will be required to provide any field office required for job personnel. The contractor shall provide temporary toilet facilities for the job personnel and remove at the end of the job. Toilets must be maintained in a sanitary condition.
- 16. Work Hours Site Work hours are 7AM-9PM Monday-Saturday, 9AM-5PM Sunday. The contractor must notify the owner 48 hours prior to scheduling any weekend work.
- 17. The Recreation Facility and site is a SMOKE FREE CAMPUS. Smoking is NOT permitted on the property.
 - a. The contractor shall maintain rated fire extinguishers at storage locations and central to the new construction during construction.
 - b. Flammable materials shall not be permitted to accumulate. Flammable and volatile chemicals shall be properly stored at all times.
 - c. Closely supervise welding and cutting operations. Provide fire watch personnel as required.
 - d. No burning of debris is permitted.
- 18. Temporary water and power may be provided by the owner for the project. Any connections/disconnections are the responsibility of the contractor. Temporary heat must be provided by the Contractor as necessary during construction.
- 19. Landscaping Where existing landscaping is impeding work or damaged due to work, the contractor shall relocate landscape shrubbery by excavating, balling and maintaining on same property during construction. The shrubbery must be replaced at the end of construction. All landscape work must be completed by a licensed landscape contractor demonstrating capabilities for specified work. Worcester County shall be responsible for final planting and mulching of additional shrubbery at the end of the project. All final grading and seeding is the responsibility of the contractor.
- 20. Scaffolding The contractor must supply all necessary scaffolding and access equipment necessary to safely complete the remediation project. Scaffolding must meet all current MOSH/OSHA safety regulations.

- 21. Dumpsters The contractor is responsible for providing and maintaining an on-site dumpster and dumping as needed to keep the work site in a clean condition. Existing dumpsters for owner's operation may not be utilized for the project.
- 22. The owner may complete additional work during the performance of these specifications by hiring additional contractors or with County personnel. The contractor must cooperate with other owner authorized work at the same site.
- 23. Cleaning prior to final acceptance by the Owner, the contractor shall clean the exterior and interior of the project, remove any stored material and equipment, repair/stabilize and reseed disturbed areas of the yard and notify the Owner for inspection.
- 24. The contractor shall notify the owner when ready for final acceptance. Prior to final inspection, the contractor shall provide:
 - a. As-built drawings.
 - b. Maintenance manuals for supplied equipment and materials. Training for equipment including HVAC and Sanitary Systems.
 - c. All test, inspection and certification reports.
 - d. Guarantees, certificates for equipment and building.
 - e. Release of liens for all contractors and subcontractors, bonding company approvals and consent of surety to final payment.
 - f. One copy of all approved shop drawings.
 - g. Extra material supplies as specified in the drawings and specifications.
 - h. Cleaning (interior and exterior).
 - i. Stabilize and seed as necessary.
 - j. Removal of temporary facilities and equipment.

D. PROJECT SCHEDULE

 The Successful Vendor will receive a "Notice to Proceed" from Worcester County and will then proceed to execute the project. The timeline for completion of the renovations shall be no more than 12 months beyond "notice to proceed". Notice to proceed shall be based on Worcester County Commissioner approval and finalization of all contract, bond and insurance requirements.

E. **BID SUBMITTALS**

- 1. Professional Resume's, Subcontractor Name(S) and credentials, Form of Bid, and any exceptions shall be included with the vendor's bid submittal.
- Vendors shall provide licensing credentials for the jurisdiction of practice and include a
 minimum of three references able to provide information regarding the completion of
 similar work/projects.
- 3. Bids shall include pricing for listed equipment and services.
- 4. Where noted on the project drawings and specifications, alternate/option pricing is requested.
- 5. Allowances, if identified, for items shall be established during the bid process as needed and included in the final bid proposal forms.
- 6. Equipment or material shall be warranted a minimum of 1 year from acceptance by Owner.

F. PERMITS

1. Worcester County will supply a construction permit after the Successful Vendor submits and competes the application. The contractor shall provide as per the drawings certified engineered designs for building structure (phased submittal), envelope, mechanical and electrical portion of the projects. Mechanical, Electrical, and energy systems certified

- designs are required to fulfill the contract and building permit application by the General Contractor.
- 2. Designs shall include energy code certifications. All inspections coordination and completion are the responsibility of the Contractor.
- 3. Electrical Permits and inspections and all associated fees are the responsibility of the electrical contractor.
- 4. Fire Marshal permits for all protection systems are the responsibility of the GC/Fire subcontractor.
- 5. Environmental permits (including sediment erosion control and storm water) are the responsibility of the contractor.
- 6. A County gas permit is required for the re-location of the gas line at the new addition prior to foundation.
- 7. Schedule for all permits and inspections is the responsibility of the contractor.
- 8. The building/zoning/environmental programs/fire marshal permit will be no charge to the contractor.
- 9. Permits including electrical/plumbing are the responsible of the contractors and will be charged regular fees.
- 10. All third-party inspections including soils, steel/welding, concrete, electrical, structural observations/inspections are the responsibility of the contractor.

G. GENERAL REQUIREMENTS

- 1. The Successful Vendor must be licensed to perform Work in the state of Maryland.
- 2. Material substitutions will be contingent on approval by Owner and Architect.
- 3. The contractor shall verify all conditions and dimensions prior to construction. Conditions not reported prior to construction may not be used as grounds for additional expense claims.
- 4. It is the responsibility of the contractor to assure that all work is completed in accordance with all codes, ordinances and regulations applicable to the project.
- 5. Proper assembly, installation and operation of all materials and components, systems and finishes shall be in accordance with manufacturer's instructions.
- 6. Components for construction safety are not included in these drawings. It shall be the Successful Vendor's responsibility to comply will all rules and regulations of OSHA/MOSH during all construction.

H. ATTACHMENTS

1. DRAWINGS, SPECIFICATIONS, AND SUPPLEMENTAL REPORTS

- a. ARCHITECTURAL DRAWINGS AND SPECIFICATIONS SEE Becker Morgan plan set Worcester County Recreation Center Addition for bidding.
- 2. Field Service Report Underground Survey provided by On the Mark Locators.

I. PRE-BID CONFERENCE

1. A pre-bid meeting will be held on <u>Friday, May 19, 2023 at 10:00am</u> at the Worcester County Recreation Center, located at 6030 Public Landing Road.

J. PAYMENT

1. Payment shall be governed by the approved award amount and schedule of values. Invoices may be submitted based on completed work and paid based on approval by the County. The County shall not be required to pay for incomplete work. A partial release of liens must be provided from the Contractor and all sub-contractors prior to release of payment in the amount of the requested amount less the retention for each application. For each application, a retention amount of 5% will be held until final acceptance of all

- work complete. Final release of liens is required from each contractor prior to releases of final payment. Application for payment shall be submitted on AIA form G702 and follow associated instructions. Two (2) copies are required to be submitted to the Owner.
- 2. The County will make payment(s) to the Successful Vendor within thirty (30) calendar days from the receipt of a proper invoice for approved and accepted work performed.

K. QUESTIONS

1. The last day for questions is listed under Section I, Subsection C.2.

L. AWARD

1. The County intends to award to the lowest Responsive and Responsible Vendor meeting the specifications.

END OF SECTION

THIS AND PREVIOUS SECTIONS, OTHER THAN THE COVER PAGE, DO NOT NEED TO BE RETURNED WITH SUBMITTAL

FORM OF BID

To whom it may concern:

ITEM

We hereby submit our Bid Documents for "WORCESTER COUNTY RECREATION CENTER STORAGE ADDITION" as indicated in the Bid Documents. Having carefully examined the Bid Documents and having received clarification on all items of conflict or upon which any doubt arose, the undersigned hereby requests consideration of our Vendor for award of the referenced Bid.

DESCRIPTION

Provide labor, materials and equipment for the construction of an

EXTENDED

PRICE

1	addition to the existing Worcester Couthe Bid Specifications.	anty Recreation Center as stated in	
	grees to have the Work completed with Check One.	in 12 months of Notice to Proceed. (Y	(No)
	included your certificate of good stand on H.1 for more information.) (Yes)		Section I,
Is your co	ompany currently involved in any active	e litigation? (Yes) (No)	Check One.
Is your co One.	ompany currently involved in any mergo	ers or acquisitions? (Yes) (No)	Check
The Veno	dor agrees that their bid will be good for tions.	at least sixty days unless otherwise in	ndicated in the bid
	is bid form must be signed by an officer lered valid by the county.	of your company or an authorized ag	ent for this bid to
S	Sign for Identification	Printed Name	
- 7		Email	

REFERENCES

List three references for which the Vendor has provided Goods/Services similar to those requested in the Bid Document within the last 12-36 months. Include contact name, address, telephone number, email address and services provided.

Company Name:		Company Name:	
Type of Project:		Type of Project:	
Address:		Address:	
Town, State,		Town, State, Zip	
Zip Code:		Code:	
Contact Person:		Contact Person:	
Telephone		Telephone	
Number:		Number:	
Email:		Email:	
Date of Service:		Date of Service:	
Company			
Name:			
Type of Project:			
Address:			
Town, State,			
Zip Code:			
Contact Person:			
Telephone			
Number:			
Email:			
Date of Service:			
Sign	n for Identification	Printe	d Name

EXCEPTIONS

The undersigned hereby certifies that, except as listed below, or on separate sheets attached hereto, the enclosed Completed Bid Document covers all items as specified.

EXCEPTIONS:		
(If none, write none)		
How did you hear about this solicita	tion?	
☐ Worcester County's Website		
eMaryland Marketplace Adva	intage (eMMA)	
☐ Newspaper Advertisement		
☐ Direct email		
Other		
The vendor hereby acknowledges re	ceipt of the following	ng addenda.
<u>Number</u>	<u>Date</u>	<u>Initials</u>
		
Sign for Identification	P	rinted Name

INDIVIDUAL PRINCIPAL

Vendor Name:				
Signed By:	In the presence of:			
Address of Vendor:		Town, State, Zip)	
Telephone No.:	Fax:	Email:		
******		********	*********	
	<u>CO-PART</u>	NERSHIP PRINCIPAL		
Name of Co-Partners	hip:			
Address:		Town, State, Zip		
_		Fax:		
Signed By:		In the presence of:		
G: 1.D	Partner	T .1	Witness	
Signed By:	Partner	In the presence of:	Witness	
Signed By:		In the presence of:		
Signed by.	Partner	in the presence of	Witness	
*******		********	********	
	CORPO	ORATE PRINCIPAL		
Name of Corporation	:			
Address:		Town, State, Zip		
Telephone No.:		Fax:		
Signed By:		In the presence of:		
	President		Witness	
Cor	porate Secretary			

Affix Corporate Seal

VENDOR'S AFFIDAVIT OF QUALIFICATION TO BID

I HEREBY AFFIRM THAT:	
	am the
(Printed Name)	(title)
and the duly authorized representa	
	whose address is
(name of corporation)	
and that I possess the legal authority to for which I am acting.	o make this affidavit on behalf of myself and the Vendor
knowledge and of its officers, directors obtaining contracts with the State or ar subdivision of the State have been con or have during the course of an official under oath acts or omissions which counder the provisions of Article 27 of the state or federal government (conduct purple) (State "none" or, as appropriate, list and	ow, neither I nor the above Vendor, nor to the best of my sor partners, or any of its employees directly involved in my county, bi-county or multi-county agency, or victed of, or have pleaded nolo-contendere to a charge of, I investigation or other proceeding admitted in writing or institute, bribery, attempted bribery, or conspiracy to bribe the Annotated Code of Maryland or under the laws of any prior to July 1, 1977 is not required to be reported). The providing administrative body, the individuals involved and their ence or disposition, if any.)
representations set forth in this affidave. Contract awarded and take any other a executing this affidavit in compliance. Maryland, which provides that certain bribery, attempted bribery or conspirate or after a hearing, from entering into consubdivisions.	be furnished to the County, I acknowledge that, if the it are not true and correct, the County may terminate any ppropriate action. I further acknowledge that I am with section 16D of Article 78A of the Annotated Code of persons who have been convicted of or have admitted to be to bribe may be disqualified, either by operation of law ontracts with the State or any of its agencies or
	Drinted Mana
Sign for Identification	Printed Name

NON-COLLUSIVE AFFIDAVIT

		being first duly sworn,
depose	s and says that:	
1.	He/she is the Representative or Agent) of Vendor that has submitted the att	, (Owner, Partner, Officer,, the ached Bid Documents:
2.	He/she is fully informed respecting the	ne preparation and contents of the attached Bid cumstances respecting such Bid Documents;
3.	Such Bid Document is genuine and i	s not a collusive or sham Bid Document;
4.	employees or parties in interest, is conspired, connived or agreed, did person to submit a collusive or she which the attached Bid Document connection with such Work; or has agreement or collusion, or community person to fix the price or prices in Vendor, or to fix any overhead, professional transfers of the Bid Document price of any conspiracy, connivance, or unlaw (Recipient), or any person interest. The price or prices quoted in the attactainted by any collusion, conspirated.	ched Bid Document are fair and proper and are not acy, connivance, or unlawful agreement on the part agents, representatives, owners, employees or affiant.
C	,	
	Witness	By: Signature
	Witness	Printed Name
		Title

EXHIBIT A

WORCESTER COUNTY MARYLAND STANDARD TERMS AND CONDITIONS

The provisions below are applicable to all Worcester County ("County") contracts. These provisions are not a complete agreement. These provisions must be attached to an executed document that identifies the work to be performed, compensation, term, incorporated attachments, and any special conditions ("Contract"). If the Standard Terms and any other part of the Contract conflict, then the Standard Terms will prevail.

- 1. **Amendment**. Amendments to the Contract must be in writing and signed by the parties.
- 2. **Bankruptcy**. If a bankruptcy proceeding by or against the Contractor is filed, then:
 - a. The Contractor must notify the County immediately; and
 - b. The County may cancel the Contract or affirm the Contract and hold the Contractor responsible for damages.
- 3. **Compliance with Law.** Contractor must comply with all applicable federal, state, and local law. Contractor is qualified to do business in the State of Maryland. Contractor must obtain, at its expense, all licenses, permits, insurance, and governmental approvals needed to perform its obligations under the Contract.
- 4. **Contingent Fee Prohibition**. The Contractor has not directed anyone, other than its employee or agent, to solicit the Contract and it has not promised to pay anyone a commission, percentage, brokerage fee, contingent fee, or other consideration contingent on the making of the Contract.
- 5. **Counterparts and Signature**. The Contract may be executed in several counterparts, each of which may be an original and all of which will be the same instrument. The Contract may be signed in writing or by electronic signature, including by email. An electronic signature, a facsimile copy, or computer image of the Contract will have the same effect as an original signed copy.
- 6. **Exclusive Jurisdiction.** All legal proceedings related to this Contract must be exclusively filed, tried, and maintained in either the District Court of Maryland for Worcester County, Maryland or the Circuit Court of Worcester County, Maryland. The parties expressly waive any right to remove the matter to any other state or federal venue and waive any right to a jury trial.
- 7. **Force Majeure**. The parties are not responsible for delay or default caused by fire, riot, acts of God, County-declaration-of-emergency, or war beyond their reasonable control. The parties must make all reasonable efforts to eliminate a cause of delay or default and must, upon cessation, diligently pursue their obligations under the Contract.
- 8. **Governing Law**. The Contract is governed by the laws of Maryland and the County.
- 9. Indemnification. The Contractor must indemnify the County and its agents from all liability, penalties, costs, damages, or claims (including attorney's fees) resulting from personal injury, death, or damage to property that arises from or is connected to the performance of the work or failure to perform its obligations under the Contract. All indemnification provisions will survive the expiration or termination of the Contract.

10. Independent Contractor.

- a. Contractor is an "Independent Contractor", not an employee. Although the County may determine the delivery schedule for the work and evaluate the quality of the work, the County will not control the means or manner of the Contractor's performance.
- b. Contractor is responsible for all applicable taxes on any compensation paid under the Contract. Contractor is not eligible for any federal Social Security, unemployment insurance, or workers' compensation benefits under the Contract.
- c. Contractor must immediately provide the County notice of any claim made against Contractor by any third party.

11. Insurance Requirements.

- a. Contractor must have Commercial General Liability Insurance in the amounts listed below. The insurance must include coverage for personal injury, discrimination, and civil rights violation claims. All insurance must name County, its employees, and agents as "ADDITIONAL INSURED". A copy of the certificate of insurance must be filed with the County before the Contract is executed, providing coverage in the amount of \$1,000,000 per occurrence, \$2,000,000 general aggregate, and \$500,000 for property damage.
- b. Contractor must have automobile insurance on all vehicles used in the Contract to protect Contractor against claims for damages resulting from bodily injury, including wrongful death, and property damage that may arise from the operations in connection with the Contract. All insurance must name County, its employees, and agents as "ADDITIONAL INSURED".
- c. Contractor must provide the County with a certification of Workers' Compensation Insurance, with employer's liability in the minimum amount required by Maryland law in effect for each year of the Contract.
- d. All insurance policies must have a minimum 30 days' notice of cancellation. The County must be notified immediately upon cancellation.
- e. When insurance coverage is renewed, Contractor must provide new certificates of insurance prior to expiration of current policies.
- 12. **Nondiscrimination**. Contractor must not discriminate against any worker, employee, or applicant because of religion, race, sex, age, sexual orientation, physical or mental disability, or perceived disability. This provision must be incorporated in all subcontracts related to the Contract.

13. Ownership of Documents; Intellectual Property.

- a. All documents prepared under the Contract must be available to the County upon request and will become the exclusive property of the County upon termination or completion of the services. The County may use the documents without restriction or without additional compensation to the Contractor. The County will be the owner of the documents for the purposes of copyright, patent, or trademark registration.
- b. If the Contractor obtains, uses, or subcontracts for any intellectual property, then it must provide an assignment to the County of ownership or use of the property.
- c. The Contractor must indemnify the County from all claims of infringement related to

the use of any patented design, device, materials, or process, or any trademark or copyright, and must indemnify the County, its officers, agents, and employees with respect to any claim, action, costs, or infringement, for royalties or user fees, arising out of purchase or use of materials, construction, supplies, equipment, or services covered by the Contract.

- 14. **Payments**. Payments to the Contractor under the Contract will be within 30 days of the County's receipt of a proper invoice from the Contractor. If an invoice remains unpaid 45 days after the invoice was received, interest will accrue at 6% per year.
- 15. **Records**. Contractor must maintain fiscal records relating to the Contract in accordance with generally accepted accounting principles. All other relevant records must be retained by Contractor and kept accessible for at least three years after final payment, termination of the Contract, or until the conclusion of any audit, controversy, or litigation related to the Contract. All subcontracts must comply with these provisions. County may access all records of the Contractor related to the Contract.

16. Remedies.

- a. **Corrections of errors and omissions**. Contractor must perform work necessary to correct errors and omissions in the services required under the Contract, without undue delays and cost to the County. The County's acceptance will not relieve the Contractor of the responsibility of subsequent corrections of errors.
- b. **Set-off**. The County may deduct from any amounts payable to the Contractor any back-charges, penalties, or damages sustained by the County, its agents, or employees caused by Contractor's breach. Contractor will not be relieved of liability for any costs caused by a failure to satisfactorily perform the services.
- c. **Cumulative**. These remedies are cumulative and without waiver of any others.

17. Responsibility of Contractor.

- a. The Contractor must perform the services with the standard of care, skill, and diligence normally provided by a Contractor in the performance of services similar the services.
- b. Notwithstanding any review, approval, acceptance, or payment for the services by the County, the Contractor will be responsible for the accuracy of any work, design, drawings, specifications, and materials furnished by the Contractor under the Contract.
- c. If the Contractor fails to conform with subparagraph (a) above, then it must, if required by the County, perform at its own expense any service necessary for the correction of any deficiencies or damages resulting from the Contractor's failure. This obligation is in addition to any other remedy available to the County.
- 18. **Severability/Waiver**. If a court finds any term of the Contract to be invalid, the validity of the remaining terms will not be affected. The failure of either party to enforce any term of the Contract is not a waiver by that party.
- 19. **Subcontracting or Assignment**. The Contractor may not subcontract or assign any part of the Contract without the prior written consent of the County. The County may withhold consent for any reason the County deems appropriate.

- 20. **Termination**. If the Contractor violates any provision of the Contract, the County may terminate the Contract by written notice. All finished or unfinished work provided by the Contractor will, at the County's option, become the County's property. The County will pay the Contractor fair compensation for satisfactory performance that occurred before termination less the amount of damages caused by the Contractor's breach. If the damages are more than the compensation payable to the Contractor, the Contractor will remain liable after termination and the County can affirmatively collect damages.
- 21. **Termination of Contract for Convenience**. Upon written notice, the County may terminate the Contract when the County determines termination is in the County's best interest. Termination for convenience is effective on the date specified in the County's written notice. The County will pay for reasonable costs allocable to the Contract for costs incurred by the Contractor up to the date of termination. But the Contractor will not be reimbursed for any anticipatory profits that have not been earned before termination.
- 22. **Termination of Multi-year Contract**. If funds are not available for any fiscal period of the Contract after the first fiscal period, then the Contract will be terminated automatically as of the beginning of unfunded fiscal period. Termination will discharge the Contractor and the County from future performance of the Contract, but not from their rights and obligations existing at the time of termination.
- 23. **Third Party Beneficiaries**. The County and Contractor are the only parties to the Contract and are the only parties entitled to enforce its terms. Nothing in the Contract gives any benefit or right to third persons unless individually identified by name and expressly described as intended beneficiaries of the Contract.
- 24. **Use of County Facilities**. Contractor may only County facilities that are needed to perform the Contract. County has no responsibility for the loss or damage to Contractor's personal property which may be stored on County property.
- 25. **Whole Contract**. The Contract, the Standard Terms, and attachments are the complete agreement between the parties and supersede all earlier agreements, proposals, or other communications between the parties relating to the subject matter of the Contract.

FIELD SERVICE REPORT

Bear, Delaware 19701 1-888-272-6065 www.onthemarklocators.com



Project: Company: Address: **Customer Contact:** Ref: ML Office Rep/PM: Lead Technician: **GPR Survey EM Scan** Air / Hydro Excavation Concrete Scan Site Training Services Performed: Fault Locate Other:_ Leak Locate VPI Survey & Mapping Offsite **STD Hours OT Hours Onsite** End Date: **Description of Services:** Begin Full Scope of Work: **Utilities/Features Designated:** GAS WATER **ELECTRIC** FIBER OPTIC STORM COMM SEWER REBAR UST UNKNOWN NONE Other: Additional Resources: (traffic control, rentals, supplies, etc...) **Results and Notes: Soil Conditions:** Saturated Dry Clay Sand Other: Weather Conditions: Clear **Overcast** Rain Snow Other: **Client Communication: Deliverables Requested:** PMU **ENGINEERING REPORT** CAD UPDATE SKETCH **OTHER** Deliverables Provided Onsite: YES NO Other: **Survey Methodologies Known Utilities: Unknown Utilities:** (Grid Spacing) Utilities within Scope of Work: Passive Scans: Split Box Scans: Utilities outside Scope of Work: **Building Feeds: GPR Scans:** Contacts on Site: Client PO #: **Project Complete:** YES NO Company:_ Phone: Signature: Name:

Phone: Signature:

Form 018 14 Sep 07 Rev G 16 March 2016

Company:





Po Box 918 Bear, DE 19701 888-272-6065

Field Report Photos



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VICINITY MAP

FINISHED FLOOR

REINFORCED PLASTIC REF.

GYPSUM WALL BOARDSECT

FACE OF STUD

FIELD VERIFY

GYPSUM BOARD

HANDICAPPED

HOUR

JOIST

LAMINATE

LOW POINT

MACHINE

MATERIALS

MAXIMUM

MAINTENANCE

MARKER BOARD

MANUFACTURER

METAL SHELVING

NOT IN CONTRACT

OUTSIDE DIAMETER W/

PROJECTOR SCREEN W.W.W

MECHANICAL

MOUNTED

N.C., NONCOM. NON COMBUSTIBLE V.C.T.

NOT TO SCALE

OPPOSITE HAND

ON CENTER

PLAM., P-LAM PLASTIC LAMINATE

MEDICINE CABINET

HIGH POINT

INSULATION

HOLLOW METAL

INSIDE DIAMETER

R.D.

STRUCT.

SYN.FL.

VERT.

V.R.G.

VEST., V.

EXISTING WALL TO REMAIN

EXISTING WALL TO BE REMOVED

POWER ROOF VENTILATOR

ROOF DRAIN

RECEPTIONIST

REFRIGERATOR REQUIRED

ROUGH OPENING

SOAP DISPENSER

SHOWER HEAD

STAND PIPE

STORAGE

SERVICE SINK

STRUCTURAL

SUSPENDED

TELEPHONE

THRESHOLD

TOP OF BEARING

TEACHING STATION

UNDERWRITERS

LABORATORIES

VESTIBULE

WOMEN

WAINSCOT

WARDROBE

WHITE BOARD

WATER CLOSET

WALL MOUNTED

STAINLESS STEEL

SYNTHETIC FLOOR TACKBOARD

TONGUE AND GROOVE

TOP OF MASONRY PARAPET

UNLESS OTHERWISE NOTED

VINYL ASBESTOS TILE

VINYL COMPOSITION TILE

VINYL REDUCING STRIP

SURFACE MOUNTED

RUBBER (WALL BASE)

RECESSED

ABBREVIATIONS

ALUMINUM

BUILDING

BEARING

CABINET

CLOSET

CONCRETE MASONRY UNIT

CONCRETE

CORRIDOR

COLD ROLLED

DIAMETER

DIMENSION

DISPENSER

DRYWALL

EXTERIOR

EPOXY PAINT

EQUIPMENT

ELECTRIC

EXISTING

EXPANSION

EXTERIOR

FIRE CODE

FAN COIL UNIT

FLOOR DRAIN

FOUNDATION

DRAWING KEYS

1 DETAILS IN PLAN, SECTION

WALL TYPE, SEE A501

WINDOW TAG

ROOM NAME AND NUMBER

ELECTRIC WATER

DOWNSPOUT

DRINKING FOUNTAIN

DET.

COLUMN

BENCH MARK

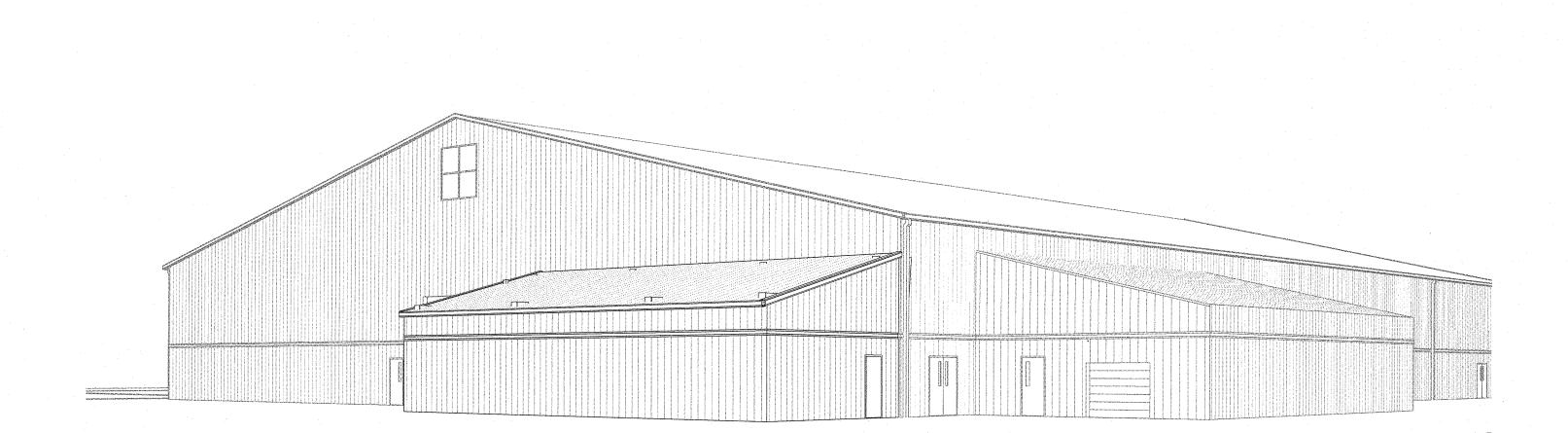
CERAMIC TILE

CEILING HEIGHT CONTROL JOINT

ACCESS PANEL

NEW CONSTRUCTION OF

WORCESTER COUNTY RECREATION STORAGE ADDITION



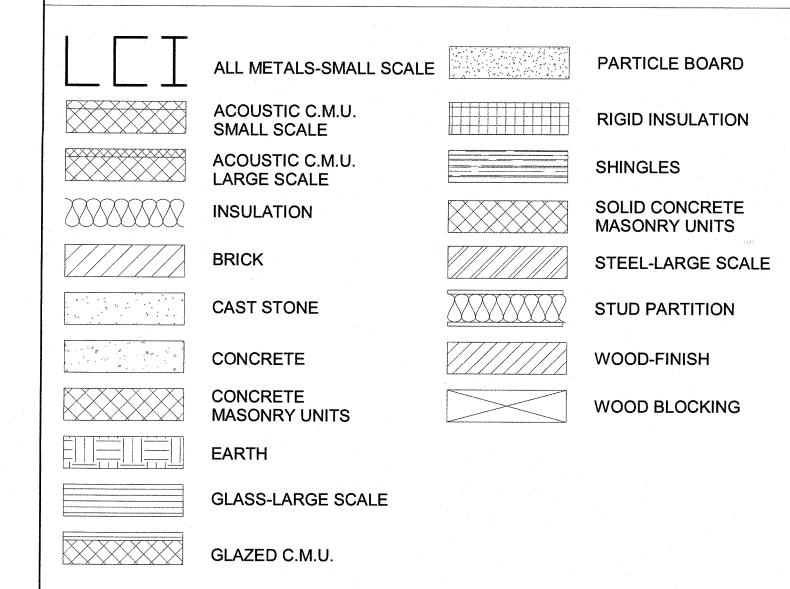
ISSUED FOR PERMIT

1.20.2023

SYMBOLS OF MATERIALS

MET., MTL.

N.T.S.



DESIGN TEAM

BECKER MORGAN GROUP, INC.

DRAWING LIST

CIVIL

EXISTING CONDITIONS & DEMOLITION PLAN

SHEET TITLE

STRUCTURAL SCHEDULES

FOUNDATION PLAN

ARCHITECTURAL

ARCHITECTURAL SITE PLAN

FIRST FLOOR AND ROOF PLAN AND EXTERIOR ELEVATIONS

BUILDING AND WALL SECTIONS AND DETAILS

DOOR AND WINDOW TYPES AND SCHEDULE

GENERAL NOTES

- CODES: ALL WORK ON THIS PROJECT SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, ORDINANCES, REGULATIONS, STANDARDS, AND ANY
- ACCESSIBILITY: ALL BUILDING COMPONENTS, FIXTURES, ACCESSORIES, ETC, SHALL BE INSTALLED WITH MANEUVERING AND OPERATING CLEARANCES, MOUNTING
- HEIGHTS, ETC. IN ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT STANDARDS, ICC/ANSI A117.1, AND STATE ACCESSIBILITY CODE. OPERABLE PARTS SHALL BE OPERABLE BY ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.
- FIELD VERIFICATION: THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND PROPOSED BUILDING DIMENSIONS PRIOR TO CONSTRUCTION, ANY VARIATIONS, DISCREPANCIES. OR FIELD ALTERATIONS TO THESE DESIGN DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION. IF CONTRACTOR COMMENCES CONSTRUCTION WITHOUT NOTIFYING ARCHITECT OF VARIATIONS, DISCREPENCIES, OR FIELD ALTERATIONS, THAT SHALL CONSTITUTE
- UBMITTALS: CONTRACTOR SHALL SUBMIT ALL NECESSARY BUILDING COMPONENTS, SYSTEMS, EQUIPMENT, MATERIALS, FINISHES, ETC. FOR REVIEW BY ARCHITECT/OWNER PRIOR TO PROCUREMENT, FABRICATION, AND/OR INSTALLATION. STEEL BUILDING MANUFACTURERS TO SUBMIT SHOP DRAWINGS FOR REVIEW &
- RESPONSIBILITY AND SHALL BE IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS AND ALL APPLICABLE CODES. NCIDENTAL WORK: ANY ITEMS NOT SPECIFICALLY SHOWN ON THE DRAWINGS, BUT WHICH ARE REASONABLY INCIDENTAL TO AND NECESSARY FOR THE
- INSTALLATION AND OPERATION, BLOCKING, ETC.
- PENING IN STUD FRAMING AND TO FACE OF MASONRY OPENING IN MASONRY; PLUMBING FIXTURES ARE TO CENTERLINE OF FIXTURE. L**OCKING**: PROVIDE BLOCKING AS REQUIRED FOR INSTALLATION OF ALL PORTIONS OF THE WORK AND PER MANUFACTURER'S WRITTEN RECOMMENDATIONS,
- METAL PROTECTION AT TREATED WOOD: METAL CONNECTORS THAT COME IN CONTACT WITH TREATED LUMBER SHALL BE STAINLESS STEEL OR "ZMAX" CORROSION RESISTANT MATERIALS TO HELP PROTECT AGAINST ACCELERATED CORROSION. CONTRACTOR SHALL COORDINATE COMPATIBILITY OF ALL METALS USED WITH

- LIFE SAFETY COMPONENTS: FINAL LOCATION OF FIRE EXTINGUISHERS, EMERGENCY LIGHTING, AND EXIT SIGNS TO BE AS DIRECTED BY LOCAL FIRE MARSHAL, AND
- INSTALLED ABOVE THE FLOOD ELEVATION AS REQUIRED BY FEMA, LOCAL A.H.J., AND ALL APPLICABLE CODES. ALL MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION WORK TO BE COMPLETED ON A DESIGN / BUILD BASIS AND COORDINATE WITH OWNER / ARCHITECT PRIOR TO INSTALLATION.
- PIPE INSULATION: CONTRACTOR SHALL INSULATE AND PROTECT PIPES AS REQUIRED BY CODE, AND AS REQURIED TO PROTECT PIPING EXPOSED TO EXTERIOR
- GRADING: CONTRACTOR SHALL COORDINATE SITE GRADING TO COMPLY WITH CODES AND ORDINANCES, AND TO MAINTAIN POSITIVE DRAINAGE AWAY FROM

GENERAL MECHANICAL, ELECTRICAL & PLUMBING NOTES

A NEW POWER FEED SHALL BE INSTALLED FROM THE EXISTING MAIN (MEP) PANEL IN THE FACILITY ELECTRICAL/MECHANICAL ROOM AND SUPPLY A NEW

CONTRACTORS SHALL SUPPLY ENGINEERING MEP DRAWINGS FOR ARCHITECT/OWNER APPROVAL AND TO SECURE CONSTRUCTION PERMITS PRIOR TO ORDER /

- TRANSFORMER AND 200 AMP SERVICE PANEL MOUNTED IN THE NEW STORAGE AREA. MEP VOLTAGE IS 480 VAC 3 PHASE. SQUARE D EQUIPMENT REQUIRED.
- STORAGE ARE LIGHTING SHALL BE LED MATCH EXISTING BASIS IS MAXLITE ROUND HIGH BAY LED PENDANT HP- 160 U 40 OR EQUIVALENT SUBMITTAL REQUIRED TO ARCHITECT AND OWNER.
- CONVENIENCE RECEPTACLES EVERY WALL SPACING 25 FT OR PER CODE. POWER TO OVERHEAD DOOR OPERATOR
- PROVIDE DAIKEN DUCTLESS SPLIT SYSTEM. MINIMUM 2 INDOOR UNITS WALL MOUNTED.
- FIRE SPRINKLERS PROVIDE EXTENSION FROM THE EXISTING BUILDING SYSTEM FOR THE STORAGE ADDITION PER NFPA. COORDINATE WITH WORCESTER COUNTY FIRE MARSHAL'S OFFICE. MARYLAND LICENSED CONTRACTOR REQUIRED FOR DESIGN AND INSTALLATION. FIRE ALARM SYSTEM - PROVIDE AND INSTALL EQUIPMENT COMPATIBLE WITH THE EXISTING JOHNSON CONTROLS SIMPLEX SYSTEM. MAIN PANEL IS LOCATED IN

SPRINKLER SYSTEM

ACCESSIBILITY

THIS STRUCTURE SHALL BE PROVIDED WITH AND PROTECTED BY A COMPLETE AUTOMATIC SPRINKLER SYSTEM, DESIGNED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MOST RECENT EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NATIONAL FIRE CODE, NFPA 13- "STANDARD ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES AND PLANS AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.



THIS PROJECT, CONSISTING OF THE SITE AND BUILDING IMPROVEMENTS AND FACILITIES WITHIN THE BUILDING, SHALL MEET AND COMPLY WITH THE REQUIREMENTS OF BARRIER-FREE ACCESSIBILITY AND SHALL BE USABLE BY THE PHYSICALLY HANDICAPPED AND PERSONS WITH DISABILITIES AS INDICATED ON THE DRAWINGS AND/OR AS REQUIRED BY THE "HANDICAPPED AND ACCESSIBILITY" CODES.

AREAS AND ITEMS SO REQUIRED TO BE ACCESSIBLE AND USABLE, SHALL CONFORM TO ALL OF THE FOLLOWING: THE AMERICAN NATIONAL STANDARD INSTITUTE, INC. ANSI A117.1- (LATEST EDITION); "SPECIFICATIONS FOR MAKING BUILDINGS AND FACILITIES ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED PEOPLE": THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS; AND THE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA). ALL AREAS AND ITEMS REQUIRED TO BE ACCESSIBLE AND USABLE SHALL BE CLEARLY IDENTIFIED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY FOR THE HANDICAPPED.

DESCRIPTION REVISION SCHEDULE 2013173.01 1.20.2023 SCALE: As indicated DRAWN BY: BMR PROJ MGR: JRP

ENGINEERING Dover, DE 309 S Governors Ave Dover, DE 19904 Salisbury, MD 312 West Main St, Suite 30 Salisbury, MD 21801 410.546.9100 3205 Randall Parkway, Suite 21 Wilmington, NC 28403

ARCHITECTURI

www.beckermorgan.com

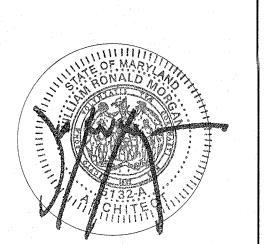
MECHANICAL & ELECTRICAL ENGINEERS

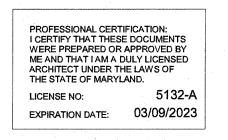
ALLEN & SHARIFF

ENGINEERING, LLC

205 EAST MARKET STREET

SALISBURY, MARYLAND (410) 341-0200 fax: (410) 341-0400





WORCESTER COUNTY RECREATION STORAGE

COVER SHEET

ISSUE BLOCK

MARK DATE PROJECT NO:

CODE STUDY DATA (WHEN ONLY ONE SOURCE IS NOTED, THE DATA LISTED REPRESENTS THE MOST STRINGENT REQUIREMENTS WHEN COMPARING THE TWO CODES) PROJECT INFORMATION PROJECT NAME WORCESTER COUNTY RECREATION CENTER ADDITION PROJECT LOCATION 6030 PUBLIC LANDING ROAD, SNOW HILL, MARYLAND PROJECT DESCRIPTION ADDITION OF 1,4401 S.F. TO EXISTING RECREATION CENTER PROPERTY TAX ACCOUNT NUMBER 0063-0012-0141-20100037.24-0000

APPLICABLE CODES

2018 INTERNATION BUILDING CODE (IBC)

2018 NFPA 101 LIFE SAFETY CODE (NFPA)
2017 ICC/ANSI A117.1 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES
2010 ADA STANDARD FOR ACCESSIBLE DESIGN

MARYLAND ACCESSIBILITY CODE / STATE OF DELAWARE ARCHITECTURAL ACCESSIBILITY STANDARDS

2019 STATE OF MARYLAND FIRE PREVENTION CODE / 2021 DELAWARE STATE FIRE PREVENTION REGULATIONS
2018 INTERNATIONAL ENERGY CONSERVATION CODE / ASHRAE 90.1-2016 ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS

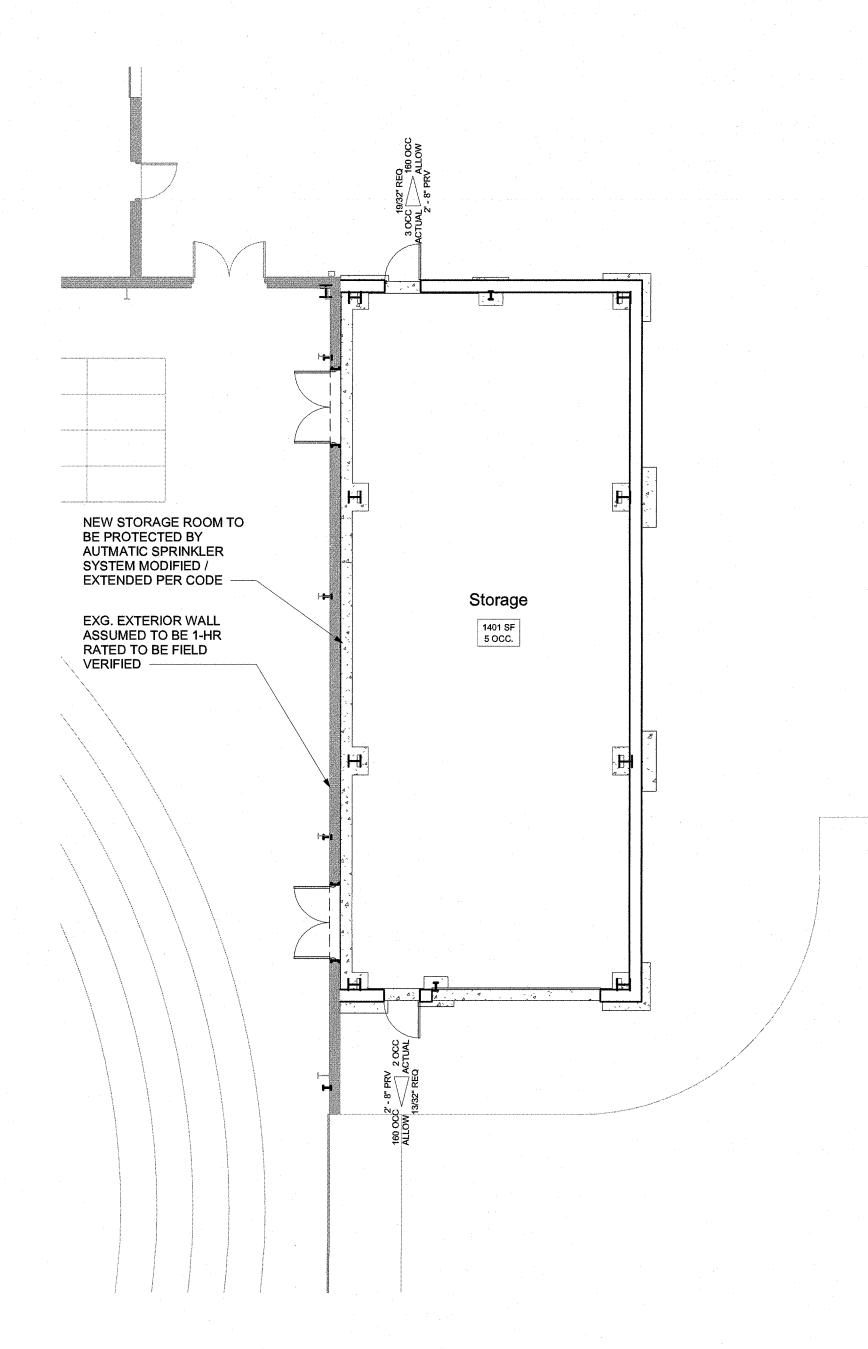
BUILDING USE AND CONSTRUCTION CLASSIFICATION					
BUILDING USE AND CONSTRUCTION CLASSIFICATION	LIFE SAFETY CODE REFERENCE	IBC REFERENCE			
USE GROUPS (MIXED - SEPARATED)	EXG. ASSEMBLY (13.1.1.1), EXG. BUSINESS (39.1.1.1), EXG. EDUCATIONAL (15.1.1.1), NEW & EXG. STORAGE (42.1.1.1)	ASSEMBLY A-3 (303.4), BUSINESS B (304.1), EDUCATION E (305.1) STORAGE S-1 (311.2)			
CONSTRUCTION TYPE	III-200 (TABLE A-8.2.1.2)	III-B (TABLE 503 AND 601)			
	FULLY SPRINKLERED	FULLY SPRINKLERED			
ALLOWABLE BLDG HEIGHT		75', 3 STORIES (TABLE 503 W/ 504.2)			
ACTUAL BLDG HEIGHT		23'-10", 1 STORY			
ALLOWBALE BLDG AREA / OCCUPANCY		28,500 GSF (A-3, W/ SPRINKLER INCREASE PER 506.3), 57,000 GSF (B, W/ SPRINKLER INCREASE PER 506.3), 52,500 GSF (S-1, W/ SPRINKLER INCREASE PER 506.3), 29,000 GSF (S-1, W/ SPRINKLER INCREASE PER 506.3) = 167,000 TOTOAL BUILDING GSF			
ACTUAL BLDG AREA / OCCUPANCY		1,401 S.F. S-1 = 1,4044 GSF NEW ADDITION; 5,708 S.F. E + 7,863 S.F. B + 37,931 S.F. A-3 (UNLIMITED PER 507.7)+ 4,857 S.F. S-1 = 56,359 S.F. EXISTING BUILDING (57,760 GSF TOTAL BUILDING)			

BUILDING COMPONENT FIRE RATING						
TABULAR FIRE RATING REQUIREMENTS	REQU	IIRED RATING		i i	UIRED TING	
OF STRUCTURAL ELEMENTS AND EGRESS COMPONENTS	WALL (HRS)	OPNG (HRS) - D (door) / W (window)	LIFE SAFETY 2018 TYPE II-000 CONSTRUCTION	WALL (HRS)	OPNG (HRS)	IBC 2018 III-B CONSTRUCTION
EXTERIOR BEARING WALLS - Supporting Roof 20' A.F.F.	2	0	NFPA 5000 - 7.2.3.2.8	2	1 1/2	TABLE 601
supporting more than one floor	2	1 1/2 (D) - N.P. (W)	TABLE A.8.2.1.2 & TABLE 8.3.4.2 & TABLE 7.3.2.1	2	1 1/2	TABLES 601 & 602 & 716.5
support one floor only	2	1 1/2 (D) - N.P. (W)	TABLE A.8.2.1.2 & TABLE 8.3.4.2 & TABLE 7.3.2.1	2	1 1/2	TABLES 601 & 602 & 716.5
supporting a roof only	2	1 1/2 (D) - N.P. (W)	TABLE A.8.2.1.2 & TABLE 8.3.4.2 & TABLE 7.3.2.1	2	1 1/2	TABLES 601 & 602 & 716.5
EXTERIOR NON-BEARING WALLS	0	0	TABLE A.8.2.1.2 & TABLE 7.3.2.1	1	3/4	TABLES 601 & 602 & 716.5
VERTICAL EXIT ENCLOSURES	1	1 (D) - N.P. (W)	8.6.5 & TABLE 8.3.4.2	1	1	SECTION 704.4 & 1019.1 & T715.3
SHAFT ENCLOSURES	1	1	8.6.5 & TABLE 8.3.4.2	1	1	SECTION 707
CORRIDORS	1	3/4 (D) - 3/4 (W)	7.1.3.1	0	0	TABLE 1016.1
SMOKE BARRIERS	1	1/3 (D) - 3/4 (W)	8.5.1, & TABLE 8.3.4.2	1	1/3	SECTION 710, TABLE 715.4
INTERIOR BEARING WALLS - Supporting Roof 20' A.F.F.	0	N/A	NFPA 5000 - 7.2.3.2.8	0	0	TABLE 601
supporting more than one floor	0	0	TABLE A.8.2.1.2 & TABLE 8.3.4.2	0	0	TABLE 601
supporting one floor only	0	0	TABLE A.8.2.1.2 & TABLE 8.3.4.2	0	0	
supporting a roof only	0	0	TABLE A.8.2.1.2 & TABLE 8.3.4.2	0	0	
INTERIOR NON-BEARING PARTITIONS	0	0	TABLE A. 8.2.1.2	0	0	TABLE 601
STRUCTURAL FRAME - Supportin Roof 20' A.F.F.	0	N/A	NFPA 5000 - 7.2.3.2.8	0	N/A	TABLE 601
COLUMNS - supporting more than one floor	0	N/A	TABLE A. 8.2.1.2	0	N/A	TABLE 601
COLUMNS - supporting one floor only	0	N/A	TABLE A. 8.2.1.2	0	N/A	TABLE 601
COLUMNS - supporting a roof only	0	N/A	TABLE A. 8.2.1.2	0	N/A	TABLE 601
BEAMS, GIRDERS, TRUSSED, ARCHES - Supporting Roof 20' A.F.F.	0	N/A	NFPA 5000 - 7.2.3.2.8	0	N/A	TABLE 601
supporting more than one floor	0	N/A	TABLE A. 8.2.1.2	0	N/A	TABLE 601
supporting one floor only	0	N/A	TABLE A. 8.2.1.2	0	N/A	TABLE 601
supporting a roof only	0	N/A	TABLE A. 8.2.1.2	0	N/A	TABLE 601
FLOOR-CEILING ASSEMBLIES	0	0	TABLE A. 8.2.1.2	0	0	TABLE 601
ROOF-CEILING ASSEMBLIES	0	0	TABLE A. 8.2.1.2	0	0	TABLE 601
ROOF-CEILING ASSEMBLIES - 20' A.F.F.	0	0	NFPA 5000 - 7.2.3.2.8	0	0	TABLE 601
OCCUPANCY SEPARATION A,B,E TO S-1				2	1 1/2	TABLE 602 AND TABLE 716.5

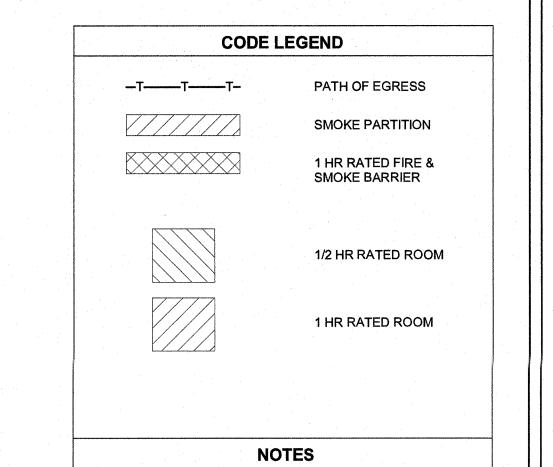
TRAVEL DISTANCE LIMITS						
TRAVEL DISTANCE LIMITS	LIFE SAFETY	IBC				
MAXIMUM TRAVEL DISTANCE LIMIT TO AN EXIT OR EXIT ACCESS DOOR	250' (A) / 200' (E) / 400' (S-1) (TABLE A.7.6)	300' (B) / 250' (A,E,S-1) (TABLE 1016.2)				
MAXIMUM COMMON PATH OF TRAVEL LIMIT	20/75' (TABLE A.7.6)	75' (1006.2.1)				
MAXIMUM DEAD END CORRIDOR LIMIT	20' (TABLE A.7.6)	50' (1020.4 EXCEPTION 2)				

	MINIMUM NUMBER OF EXIT REQUIRED	
	LIFE SAFETY	IBC
FLOOR AREA OCCUPANCY LOAD BETWEEN 501 AND 1,000	-	3 EXITS (1006.3.2)
MINIMUM NUMBER OF EXITS PER STORY	2 EXITS (7.4.1.1 AND 39.2.4.1)	-
MINIMUM NUMBER OF ACCESSIBLE ENTRANCES/EXITS	1 (7.5.4.1.1 & 7.5.4.2.2)	2 (1009.1 & 1105.1)

	MINIMUM INTERIOR FINISH REC	QUIREMENTS
MINIMUM INTERIOR FINISH REQUIREMENTS	LIFE SAFETY	IBC
EXIT ENCLOSURES & EXIT PASSAGEWAYS - WALLS	CLASS B (39.3.3.2(1) TABLE A.10.2.2 WITH NOTE 6)	S - CLASS C (TABLE 803.11)
EXIT ENCLOSURES & EXIT PASSAGEWAYS - FLOORS	N/A (TABLE A.10.2.2 WITH NOTE 6)	CLASS II (804.4.2)
CORRIDORS & LOBBIES - WALLS	CLASS B (39.3.3.2(2) TABLE A.10.2.2 WITH NOTE 6)	S - CLASS C (TABLE 803.11)
CORRIDORS & LOBBIES - FLOORS	N/A (TABLE A.10.2.2 WITH NOTE 6)	DOC FF-1 (804.4.1)
ROOMS & ENCLOSED SPACES - WALLS	CLASS C (39.3.3.2(C) TABLE A.10.2.2)	S - CLASS C (TABLE 803.11)
ROOMS & ENCLOSED SPACES - FLOORS	N/A (TABLE A.10.2.2)	DOC FF-1(804.4.2)
TRIM		NOT IN EXCESS OF 10% OF AGGREGATE WALL & CEILING AREA OF ANY ROOM/SPACE SHALL BE PERMITTED TO BE CLASS C MATERIAL.



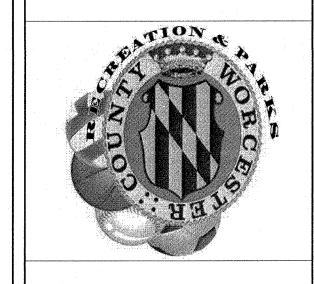
FIRST FLOOR LIFE SAFETY



1. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN

ACCORDANCE WITH NFPA 10, THE STANDARD FOR PORTABLE FIRE EXTINGUISHERS. THE FIRE EXTINGUISHERS

SHALL BE PERMANENTLY MOUNTED, REMAIN UNOBSTRUCTED AND BE INSPECTED ANNUALLY.



G R O U P

ARCHITECTURE

ENGINEERING

<u>Delaware</u>

309 S Governors Ave

Dover, DE 19904

302.734.7950

The Tower at STAR Campus

100 Discovery Boulevard, Suite 102

Newark, DE 19713

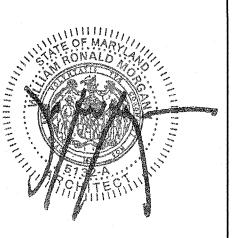
302,369,3700

3333 Jaeckle Drive, Suite 120 Wilmington, NC 28403

910.341.7600

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Maryland
312 West Main St, Suite 300
Salisbury, MD 21801
410.546.9100
North Carolina



WORCESTER
COUNTY
RECREATION
STORAGE
ADDITION

LIFE SAFETY PLAN
AND CODE STUDY

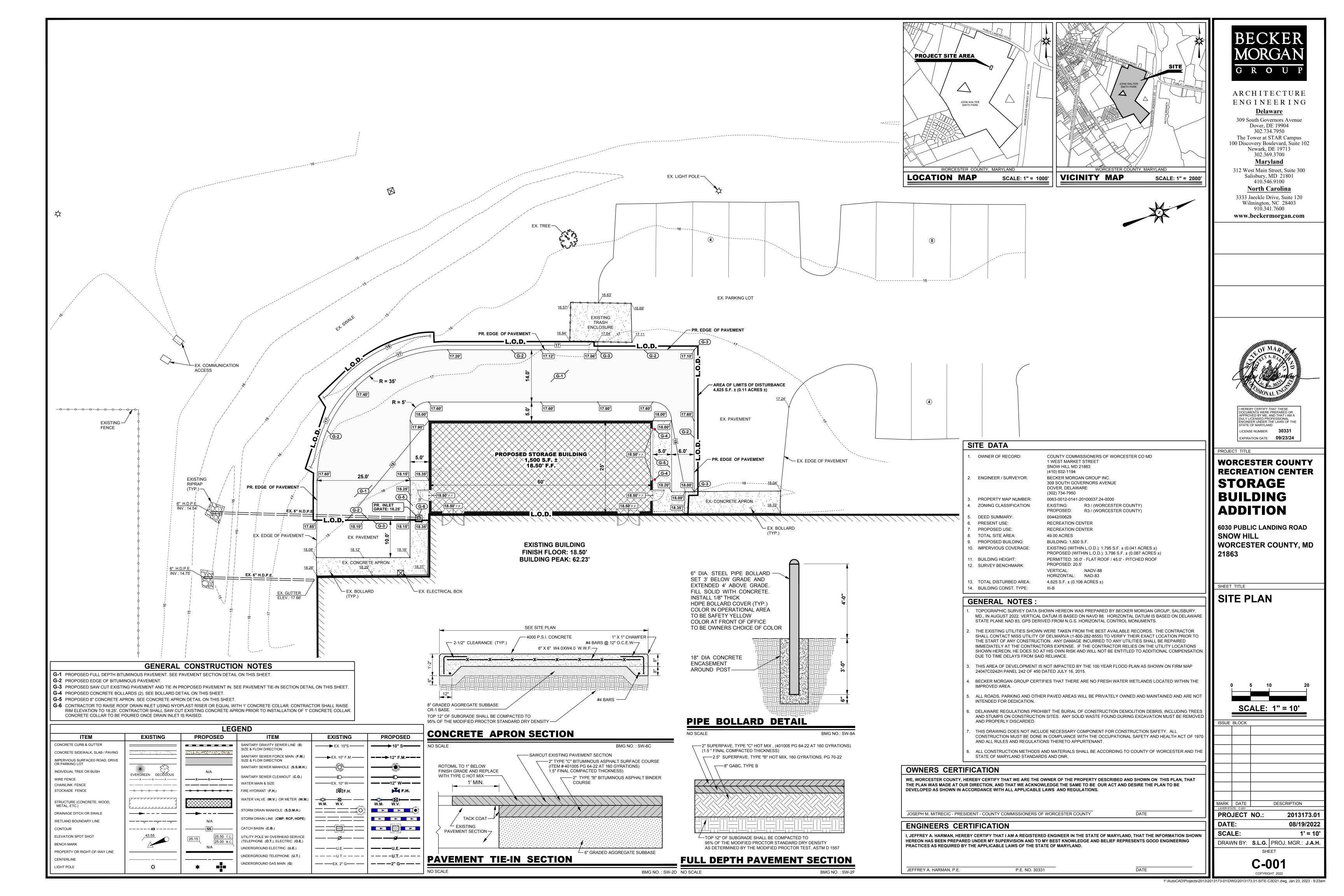
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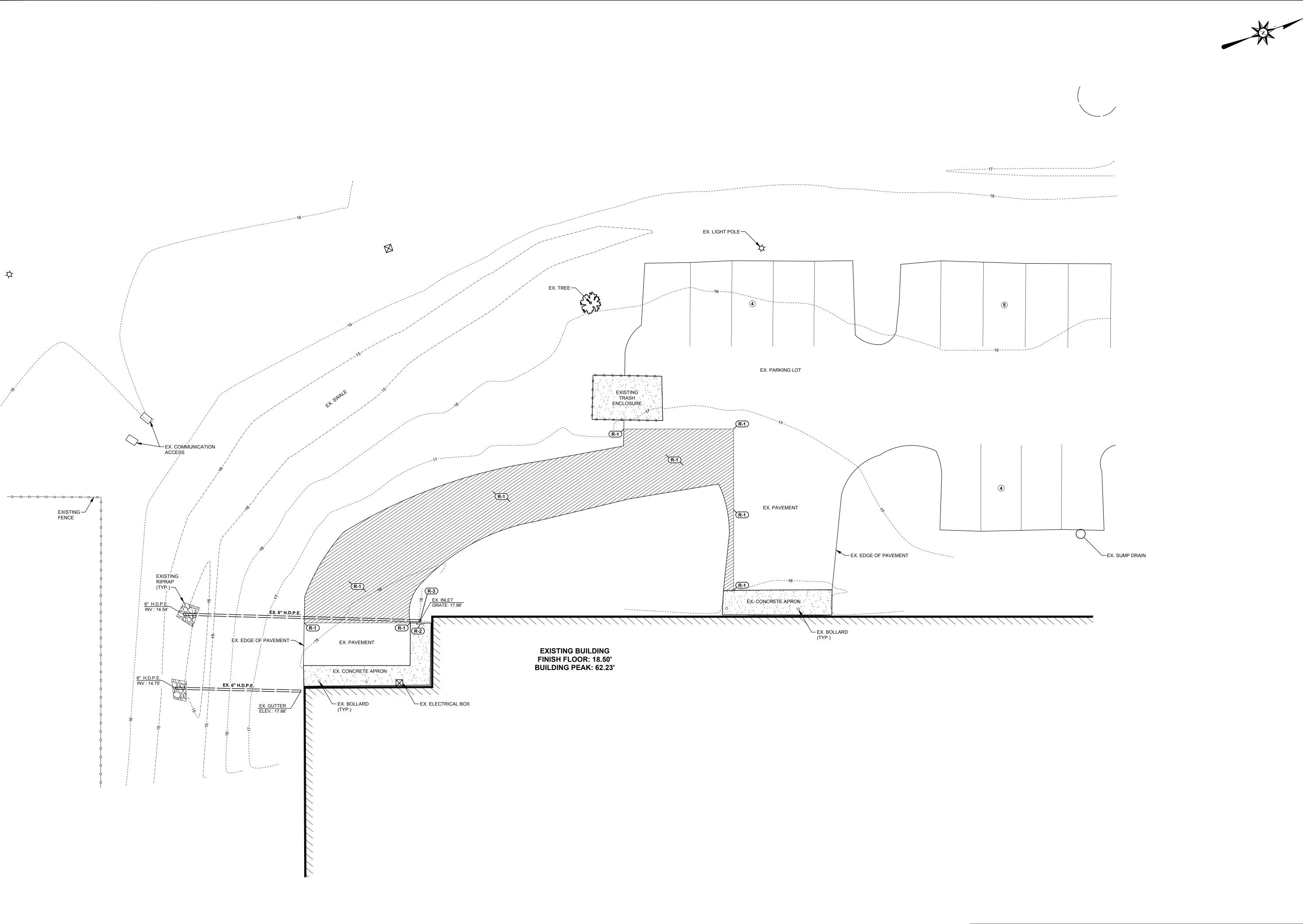
PROJECT NO: 2013173.01

DATE: 1.20.2023

SCALE: As indicated

DRAWN BY: BMR PROJ MGR: JRP





DEMOLITION CONSTRUCTION NOTES

R-1 REMOVE EXISTING FULL DEPTH BITUMINOUS PAVEMENT AND REPLACE W/FULL DEPTH SECTION CONTRACTOR TO SAW CUT EDGES, EDGES AT THE LOCATION AS SHOWN.

R-2 REMOVE EXISTING CONCRETE APRON. CONTRACTOR TO SAW CUT EDGES FOR 1' CONCRETE COLLAR, EDGES AT THE LOCATION AS

R-3 CONTRACTOR TO RAISE ROOF DRAIN INLET. SEE CONSTRUCTION NOTE C-6 ON SHEET C-001.

ARCHITECTURE ENGINEERING

> **Delaware** 309 South Governors Avenue

Dover, DE 19904 302.734.7950 The Tower at STAR Campus 100 Discovery Boulevard, Suite 102 Newark, DE 19713

302.369.3700 **Maryland** 312 West Main Street, Suite 300

Salisbury, MD 21801 410.546.9100

North Carolina 3333 Jaeckle Drive, Suite 120

Wilmington, NC 28403 910.341.7600

www.beckermorgan.com



LICENSE NUMBER: 30331 EXPIRATION DATE: 09/23/24

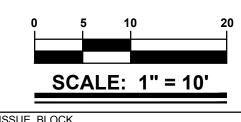
WORCESTER COUNTY RECREATION CENTER

STORAGE BUILDING **ADDITION**

6030 PUBLIC LANDING ROAD SNOW HILL WORCESTER COUNTY, MD 21863

SHEET TITLE

EXISTING CONDITIONS & DEMOLITION PLAN

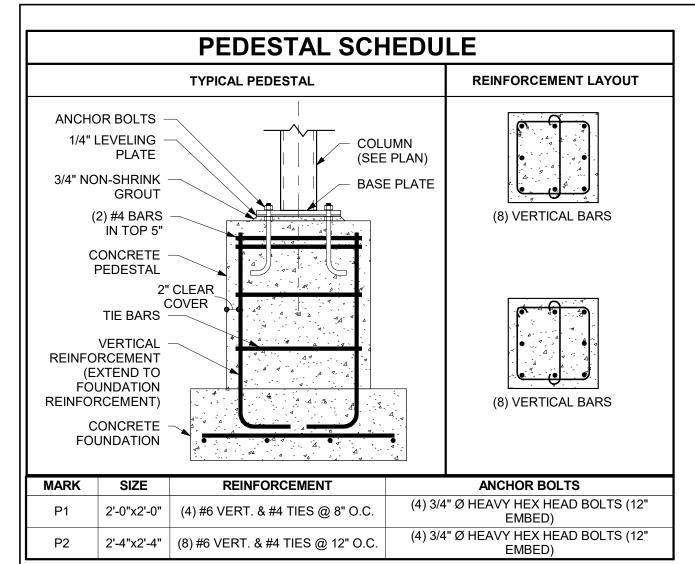


MARK	DATE	DESCRIPTION
I AVED CT	ATE: C 002	

PROJECT NO.: 2013173.01 DATE: 08/19/2022 SCALE: 1" = 10'

C-002

DRAWN BY: S.L.G. PROJ. MGR.: J.A.H.



	MATERI	AL THICKNESS	S/GAUGE	
MILS	GAUGE	DESIGN THICKNESS	MINIMUM THICKNESS	YEILD STRENGTH
33	20 (STRUC)	0.0346"	0.0329"	33 KSI
43	18	0.0451"	0.0428"	33 KSI
54	16	0.0566"	0.0538"	50 KSI
68	14	0.0713"	0.0677"	50 KSI
97	12	0.1017"	0.0966"	50 KSI
118	10	0.1242"	0.1180"	50 KSI

	ALLO	NABLE A	NCHOR L	OADS	
TYPE	EMBED	CON	RETE	CI	MU
IIFE	(IN)	SHEAR	TENSION	SHEAR	TENSION
3/16" Ø CONCRETE / MASONRY SCREW	1	255	125	205	110
1/4" Ø CONCRETE / MASONRY SCREW	1	400	365	250	150
0.145" Ø P.A.F.	7/8	250	90	-	-
0.145" Ø P.A.F.	1 3/4	-	-	200	110

CONTRACTOR SHALL PROVIDE ANCHORS TO MEET ALLOWABLE LOADS SHOWN IN SCHEDULE. INSTALL ANCHORS PER MANUFACTURERS RECOMMENDATIONS TO PROVIDE LOADS SHOWN.

				С	LASS	B LA				DULE				
						CON	IDITIONS 8	CASES						
BAR SIZE	E	BEAM, COL BARS IN	.UMN, & IN N SLABS &		R				PREVIOUS TER LAYEI		SPACING	OVER < BA 6 < 2 BAR & CREASE B	(FOR TOP	MASONRY (GROUT)
(f'c)	3000	3500	4000	4500	5000	3000	3500	4000	4500	5000	3000	4000	5000	2500
#3	17"	16"	15"	14"	14"	23"	21"	20"	19"	18"	26"	23"	20"	18"
#4	23"	22"	20"	19"	18"	30"	28"	26"	24"	23"	35"	30"	27"	24"
#5	29"	27"	25"	24"	23"	37"	35"	32"	31"	29"	43"	37"	34"	30"
#6	35"	32"	30"	28"	27"	45"	42"	39"	37"	35"	52"	45"	40"	36"
#7	63"	58"	54"	51"	49"	81"	75"	71"	67"	63"	94"	81"	73"	68"
#8	72"	66"	62"	59"	55"	93"	86"	81"	76"	72"	107"	93"	83"	78"
#9	81"	75"	70"	66"	62"	105"	97"	91"	85"	81"	120"	105"	94"	N/A

-		FORME MEMBER S	
	MEMBER DEPTH (WEB SIZE)	SSMA	MARINO/WARE
	1 5/8"	162	
1	2 1/2"	250	212
1	3 1/2"	350	
1	3 5/8"	362	358
	4"	400	
1	5 1/2"	550	
	6"	600	6
	8"	800	8
J	10"	1000	10
	12"	1200	12

Λ [BBREVIATIO	MC			
	CENTERLINE	GALV.	GALVANIZED	PSF	POUNDS PER SQUARE FOOT
و Ø	DIAMETER	GALV.	GENERAL CONTRACTOR	PSI	POUNDS PER SQUARE INCH
	HANGER	G.C.	GRADE	P.T.	PRESERVATIVE TREATED
			_		
A.B.	ANCHOR BOLT	GWB	GYPSUM WALL BOARD	PWD.	PLYWOOD
A.F.F.	ABOVE FINISH FLOOR	G.T.	GIRDER TRUSS	QTY.	QUANTITY
ARCH.	ARCHITECTURAL	H	HEIGHT	RAD. OR R.	RADIUS
B.F.F.	BELOW FINSH FLOOR	H.C.	HOLLOW CORE	REF.	REFER TO
BLDG.	BUILDING	HORIZ.	HORIZONTAL	REINF.	REINFORCED
BL	BLOCK LINTEL	HSA	HEADED STUD ANCHOR	REQD	REQUIRED
BLK.	BLOCKING	HSS	HOLLOW STRUCTURAL SHAPE	REV.	REVERSE
BM.	BEAM	I.D.	INSIDE DIAMETER	R.O.	ROUGH OPENING
ВО	BOTTOM OF	I.F.	INSIDE FACE	R.T.U.	ROOF TOP UNIT
B.O.S.	BOTTOM OF STEEL	INFO	INFORMATION	SCHED.	SCHEDULE
BRG.	BEARING	ISO	ISOLATED	SHT.	SHEET
C.A.	COLUMN ABOVE	I.D.	INSIDE DIAMETER	SIM.	SIMILAR
CHAM.	CHAMFER	I.F.	INSIDE FACE	SPECS	SPECIFICATIONS
C.J.	CONTROL JOINT	INT.	INTERIOR	SQ.	SQUARE
CLG.	CEILING	J.B.E.	JOIST BEARING ELEVATION	STD.	STANDARD
COL.	COLUMN	JST.	JOIST	STL.	STEEL
CONC.	CONCRETE	JNT.	JOINT	STRUCT.	STRUCTURAL
CMU	CONCRETE MASONRY UNIT	KSI	KIPS PER SQUARE INCH	T&B	TOP & BOTTOM
IST. JNT.	CONSTRUCTION JOINT	L	LENGTH	T. & G.	TONGUE & GROOVE
CONT.	CONTINUOUS	L.L.H.	LONG LEG HORIZONTAL	THK	THICKNESS
CTR.	CENTER	L.L.V.	LONG LEG VERTICAL	T.O.	TOP OF
DBL.	DOUBLE	LONG.	LONGITUDINAL	T.O.B.	TOP OF BEAM
DIA.	DIAMETER	MAX	MAXIMUM	T.O.C.	TOP OF CONCRETE
DIM.	DIMENSION	MECH	MECHANICAL	T.O.F.	TOP OF FOOTING
DWG.	DRAWING	MFR	MANUFACTURER	T.O.G.B.	TOP OF GRADE BEAM
D.J.	DOUBLE JOIST	MIN	MINIMUM	T.O.M.	TOP OF MASONRY
EA.	EACH	MISC.	MISCELLANEOUS	T.O.P.	TOP OF PAVING
E.E.	EACH END	M.O.	MASONRY OPENING	T.O.S.	TOP OF STEEL OR SLAB
E.J.	EXPANSION JOINT	MTL.	METAL	T.O.W.	TOP OF WALL
E.S.	EACH SIDE	N/A	NOT APPLICABLE	TRANS	TRANSVERSE
EL.	ELEVATION	N.I.C.	NOT IN CONTRACT	TYP.	TYPICAL
EQ.	EQUAL	NO.	NUMBER	U.N.O.	UNLESS NOTED OTHERWISE
E.W.	EACH WAY	N.S.	NEAR SIDE	VERT.	VERTICAL
EX.	EXISTING	N.T.S.	NOT TO SCALE	V.I.F.	VERIFY IN FIELD
EXP.	EXPANSION	O.C.	ON CENTER	W	WIDTH
EXT.	EXTERIOR	O.D.	OUTSIDE DIAMETER	w/	WITH
FDN.	FOUNDATION	O.F.	OUTSIDE FACE	WD.	WOOD
FLR.	FLOOR	OPP.	OPPOSITE	w/o	WITHOUT
F.O.C.	FACE OF CONCRETE	OSL	OUTSTANDING LEG	WP	WORK POINT
F.O.F.	FACE OF FINISH	P.A.F.	POWDER ACTUATED FASTENER		
	FACE OF STUDS	PC	PRECAST		
F () > '	17.02 01 01000	10	TALOAGI		
	FAR SIDE	PCF	POLINDS PER CLIBIC FOOT		
F.O.S. F.S. FTG.	FAR SIDE FOOTING	PCF PL	POUNDS PER CUBIC FOOT PLATE		

					Al	LOWA	BLE S	CREW	LOAD	S					
		#6 SCREW			#8 SCREW			#10 SCREW			#12 SCREW			1/4" SCREW	
THICKNESS	Pss = 6	643 lbs, Pts =	419 lbs	Pss = 1	278 lbs, Pts =	586 lbs	Pss = 16	644 lbs, Pts =	1158 lbs	Pss = 23	330 lbs, Pts =	2325 lbs	Pss = 30)48 lbs, Pts =	3201 lbs
(MILS)	DIA. = 0	.138", HEAD	= 0.272"	DIA. = 0	.164", HEAD	= 0.272"	DIA. = 0	.190", HEAD :	= 0.340"	DIA. = 0	.216", HEAD	= 0.340"	DIA. = 0	.250", HEAD	= 0.409"
	SHEAR	PULL-OUT	PULL-OVER												
33	151	61	140	164	72	195	177	84	265	188	95	265	203	110	318
43	214	79	140	244	94	195	263	109	345	280	124	345	302	144	415
54	214	140	140	426	171	195	534	198	386	569	225	625	613	261	752
68	214	140	140	426	195	195	548	249	386	777	284	775	866	328	948
97	214	140	140	426	195	195	548	356	386	777	405	775	1016	468	1067
118	214	140	140	426	195	195	548	386	386	777	494	775	1016	572	1067

ALLOWABLE SCREW LOADS BASED ON MINIMUM STEEL PROPERTIES OF Fy = 33ksi FOR

WALL WITH ONLY 1 LATER OF BARS EACH WAY SHALL BE ANALYZED AS OUTER LAYER BARS

18 GAUGE AND SMALLER AND Fy = 50ksi FOR 16 GAUGE AND LARGER.

CAPACITIES BASED ON ANSI S100 SECTION E4.

SCREW SPACING SHALL NOT BE LESS THAN 3 x D. (D = SCREW DIAMETER)

SCREWS ARE ASSUMED TO HAVE A CENTER-OF-SCREW TO EDGE-OF-STEEL SPACING OF AT LEAST 1.5 x D. (D = SCREW DIAMETER)

NOMINAL STRENGTH OF SCREW MUST BE AT LEAST 3.75 TIMES THE ALLOWABLE LOADS.

CAPACITIES ARE BASED ON ALLOWABLE STRENGTH DESIGN (ASD) AND INCLUDE A 3.0 FACTOR OF SAFETY.

APPLIED LOADS MAY BE MULTIPLIED BY 0.75 FOR SEISMIC OR WIND LOADING, PER AISI.

PENETRATION OF SCREWS THROUGH JOINED MATERIALS SHOULD NOT BE LESS THAN 3 EXPOSED THREADS. SCREWS SHOULD BE INSTALLED AND TIGHTENED IN ACCORDANCE WITH SCREW MANUFACTURERS RECOMMENDATIONS.

SYMBOLS OF MATERIALS	DRAWING KEY	ANNC	TATION KEY
VENEER	# <u>GRID LINE</u>	FOOTING ANNOTATIONS	
СМИ	x SECTION	FOOTING TYPE F - ISOLATED CE - CONTINUOUS FOOTING SIZE (SEE FOOTING SIZE (SEE FOOTING SIZE (SEE FOOTING SIZE (SEE FOOTING SCHEDULE)	
CONCRETE	SXXX	CF - CONTINUOUS TD - TURNDOWN TS - THICKENED SLAB FOOTING TYPE	
EARTH	x sxxx ELEVATION		
RIGID INSULATION	X		
STEEL	DETAILS IN PLANS & SECTIONS		
PLYWOOD			
WOOD	WALL TYPE		
TIMBER	WALL TYPE EXISTING TO REMAIN		
AGGREGATE	sw# SHEAR WALL		
GROUT GROUT	CONTROL JOINT		
	EXPANSION JOINT LIGHT GAUGE METAL CONNECTO	DRS	
	SHEAR WALL HOLDOWN		
	FOUNDATION EXTENTS		

DESIGN CODES

THIS PROJECT SHALL COMPLY WITH THE "INTERNATIONAL BUILDING CODE", INTERNATIONAL CODE COUNCIL, INC., 2018 EDITION, INCLUDING SPECIFICATIONS REFERENCED WITHIN. USE THE REFERENCED OR LATEST EDITIONS UNLESS NOTED OTHERWISE. MANUFACTURER SPECIFICATION AND LOCAL CODE REQUIREMENTS, WHEN IN EXCESS OF MINIMUM SPECIFICATION, SHALL CONTROL.

DESIGN LOADS

DESIGN LOADS FOR THIS PROJECT ARE LISTED IN THE DESIGN LOAD TABLE BELOW BASED UPON "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, (ASCE/SEI 7)", AMERICAN SOCIETY OF CIVIL ENGINEERS.

EQUIPMENT, INCLUDING MECHANICAL UNITS, SUPPORTED BY THE STRUCTURE WITH WEIGHTS IN EXCESS OF 200 LBS, AND NOT SHOWN ON THE STRUCTURAL PLANS, SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

DESIGN LOADS

	DESIGN	LUADS	
AREA	DEAD LOAD (PSF)	LIVE LOAD (PSF)	TOTAL LOAD (PSF)
FIRST FLOOR SLAB	20	150	170
ROOF	**	20	**

*ALTERNATE 2000# CONCENTRATED LOAD FLOORS ARE DESIGNED FOR THE UNIFORMLY DISTRIBUTED LIVE LOADS NOTED ABOVE OR ACTUAL CONCENTRATED LOADS, WHERE SUCH LOADING GOVERNS. LIVE LOAD REDUCTION AS PER INTERNATIONAL BUILDING CODE REQUIREMENTS.

	SIGN	DATA	SEISMIC LOAD D	ESIGN	D/
GROUND SNOW LOAD	Pg	20 PSF	SITE CLASS	-	
RAIN ON SNOW SURCHARGE	-	0 PSF	RISK CATEGORY	-	
FLAT-ROOF SNOW LOAD	Pf	22 PSF	IMPORTANCE FACTOR	I _E	
SNOW EXPOSURE FACTOR	Се	1	MAPPED SPECTRAL RESPONSE ACCELERATION	S _s	(
SNOW LOAD IMPORTANCE FACTOR	Is	1	MAPPED SPECTRAL RESPONSE ACCELERATION	S ₁	(
THERMAL FACTOR	Ct	1.1	DESIGN SPECTRAL RESPONSE ACCELERATION	S _{DS}	(
			DESIGN SPECTRAL		
M.B.M. SHALL CONSIDER ADD	DITIONAL	LOADS DUE	RESPONSE ACCELERATION	S _{D1}	(
M.B.M. SHALL CONSIDER ADD TO SNOW DRIFT AND SLIDING CONSIDERED WHERE APPLIC	SNOW I			- S _{D1}	(
TO SNOW DRIFT AND SLIDING CONSIDERED WHERE APPLIC	SNOW I	HAVE BEEN	RESPONSE ACCELERATION	-	
TO SNOW DRIFT AND SLIDING	SNOW I	HAVE BEEN	RESPONSE ACCELERATION SEISMIC DESIGN CATEGORY	- BY	M.B.N
TO SNOW DRIFT AND SLIDING CONSIDERED WHERE APPLICE WIND LOAD DES	SNOW I CABLE.	DATA	RESPONSE ACCELERATION SEISMIC DESIGN CATEGORY BASIC STRUCTURAL SYSTEM BASIC SEISMIC FORCE	- BY	M.B.M
TO SNOW DRIFT AND SLIDING CONSIDERED WHERE APPLICE WIND LOAD DES	S SNOW I	DATA 120 MPH	RESPONSE ACCELERATION SEISMIC DESIGN CATEGORY BASIC STRUCTURAL SYSTEM BASIC SEISMIC FORCE RESISTING SYSTEM SEISMIC RESPONSE	- BY	M.B.I
TO SNOW DRIFT AND SLIDING CONSIDERED WHERE APPLICE WIND LOAD DES WIND SPEED WIND SPEED	CABLE. SIGN E Vut Vasd	DATA 120 MPH 93 MPH	RESPONSE ACCELERATION SEISMIC DESIGN CATEGORY BASIC STRUCTURAL SYSTEM BASIC SEISMIC FORCE RESISTING SYSTEM SEISMIC RESPONSE COEFFICIENT RESPONSE MODIFICATION	BY BY C _s	M.B.I

CORRECTED DISCRPANCIES. PROVIDE REPORTS A REGULAR INTERVALS DURING PROGRESS OF WORK.

SPECIAL INSPECTIONS

INTERNATIONAL BUILDING CODE 2018

NOTES:

1) SPECIAL INSPECTIONS SHALL BE PROVIDED BY THE OWNER (OR AS DESIGNATED IN THE CONTRACT DOCUMENTS) TO PROVIDE INSPECTIONS DURING CONSTRUCTION AS NOTED.

2) SPECIAL INSPECTIONS AND TESTING TO BE PROVIDED AT A FREQUENCY AS DESIGNATED IN THE CODE REFERENCE. ADDITIONAL INSPECTIONS AND TESTING TO BE PROVIDED AT A PREQUENCY AS DESIGNATED IN THE CODE REPERENCE.
 ADDITIONAL INSPECTION AND TESTING MAY BE REQUIRED, SEE NOTES AND SPECIFICATIONS.
 DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION. REFUSAL TO CORRECT DISCRPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER / ARCHITECT PRIOR TO COMPLETION OF THAT PHASE OF WORK.
 INSPECTION REPORTS SHALL BE SUBMITTED TO THE CONTRACTOR, OWNER AND ENGINEER / ARCHITECT. REPORTS SHALL DOCUMENT PERFORMED INSPECTIONS AND

COMPONENT	CODE REFERENCE	COMPONENT	CODE REFERENCE				
STRUCTURAL STEEL	AISC 360	SOILS	IBC 1705.6 & TABLE 1705.6				
STEEL CONSTRUCTION OTHER THEN STRUCTURAL STEEL	IBC 1705.2 & TABLE 1705.2	CONCRETE CONSTRUCTION	IBC 1705.3 & TABLE 1705.3				

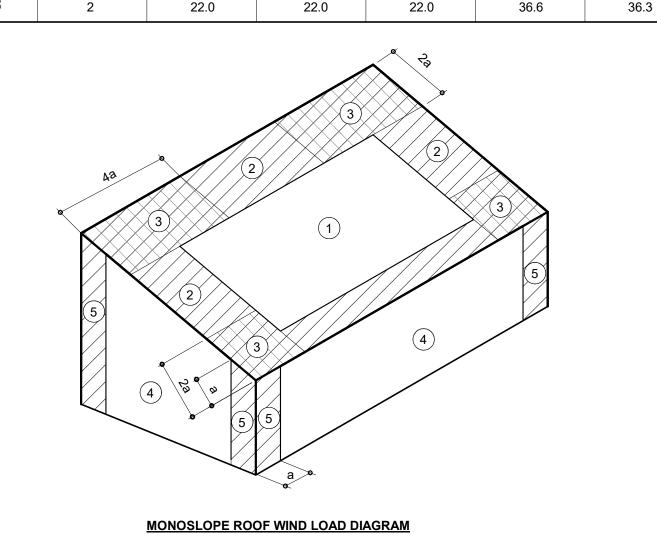
COMPONENTS & CLADDING

COMPONENTS & CLADDING **WIND LOADS** (ASCE 7-16 CHAPTER, 30 PART 4)

MEAN ROOF HEIGHT (h): 22 FT ADJUSTMENT FACTOR (Á.F.): 1.35 END ZONE DISTANCE (a): 3.0 FT

WIND PRESSURES (PSF) (+ PRESSURES ACT TOWARD SURFACE)

		ZONE				
		1	2	3	4	5
OAD	1	-67.1	-67.1	-97.7	-39.3	-48.6
òặ						





ARCHITECTURE ENGINEERING <u>Delaware</u>

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Dover, DE 19904

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North Carolina 3333 Jaeckle Drive, Suite 120 Wilmington, NC 28403 910.341.7600

www.beckermorgan.com

THIS DRAWING HAS BEEN PREPARED BY BECKER MORGAN GROUP INC. SOLELY FOR THIS PROJECT PURSUANT TO A LIMITED SERVICES AGREEMENT FOR ARCHITECTRUAL AND STRUCTURAL ENGINEERING DESIGN ONLY. SERVICES EXCLUDE RESPOINSIBILITY FOR A LANDSCAPE ARCHITECTURE AND ALL OTHER ENGINEERING - CIVIL,

GEOTECHNICAL, MECHANICAL, ELECTRICAL, ACOUSTICAL, ETC. PROJECT SPECIFICATIONS, FIELD COORDINATION, DETAILING AND COMPLIANCE WITH ALL REGULATORY REQUIREMENTS - BUILDING, ZONING AND OTHER RELEVANT CODES, REMAINS THE RESPONSIBILITY OF THE CONTRACTOR FOR THE EXECUTION OF THIS WORK.



PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO:

EXPIRATION DATE: 01/18/2023

WORCESTER COUNTY RECREATION STORAGE

ADDITION SNOW HILL, MARYLAND

SCHEDULES

ISSUE BLOCK Description PROJECT NO: 2013173.01 DATE: 01.13.2023 SCALE: As indicated DRAWN BY: CMK PROJ MGR:

S001

WHERE REQUIRED, STEP FOOTINGS IN A RATIO OF 2 HORIZONTAL TO 1 VERTICAL.

ANCHOR BOLTS SHALL BE MAX. 12" FROM PLATE ENDS, MINIMUM OF (2) PER PLATE SECTION.

1/2" WATERPROOF PARGING OR BITUMINOUS WATERPROOFING SHALL BE APPLIED TO FOUNDATION

FOUNDATION DRAINS ARE THE RESPONSIBILITY OF THE ARCHITECT OR CONTRACTOR UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.

SUBGRADE & BASE

WALLS U.N.O.

EARTHWORK AND SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE FOUNDATIONS AND SOILS INVESTIGATION (GEOTECHNICAL REPORT). IN LIEU OF A FOUNDATIONS AND SOILS INVESTIGATION, THE REQUIREMENTS OF THESE SPECIFICATIONS SHALL APPLY. WHERE CONFLICTS EXIST, THE MORE STRINGENT SHALL APPLY, UNLESS APPROVED IN WRITING BY THE GEOTECHNICAL ENGINEER AND

FOUNDATIONS SHALL BEAR ON UNDISTURBED SOIL OR CONTROLLED COMPACTED FILL HAVING AN ALLOWABLE BEARING CAPACITY OF **AS NOTED ON PLAN** OR GREATER. THE CONTRACTOR SHALL VERIFY THE ASSUMED BEARING CAPACITY OF THE BEARING SOILS IN THE FOOTING EXCAVATION PRIOR TO CASTING ANY FOOTINGS. FOOTING EXCAVATION SHALL BE INSPECTED BY THE BUILDING OFFICIAL AND/OR REGISTERED GEOTECHNICAL ENGINEER PRIOR TO POURING CONCRETE. WRITTEN VERIFICATION SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER.

THE BOTTOM OF EXTERIOR FOOTINGS SHALL BE PLACED A MINIMUM OF <u>2'-0"</u> BELOW FINISH GRADE FOR FROST PROTECTION. THE BOTTOM OF INTERIOR FOOTINGS SHALL BE PLACED A MINIMUM OF 1'-0" BELOW FINISH FLOOR

PLACE FOOTINGS ON FIRM, DRY, NON-FROZEN SUBGRADE. REMOVE SOFT SOILS ENCOUNTERED DURING EXCAVATION. SOILS, FOOTINGS, FOUNDATION WALLS AND SLABS SHALL NOT BE PLACED ON OR IN MARINE CLAY, PEAT OR OTHER ORGANIC MATERIALS.

ENGINEERED FILL SHALL BE PLACED IN LAYERS NOT MORE THAN 8 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT AND NOT MORE THAN 4 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS. UNDER STRUCTURES. BUILDING SLABS. STEPS. AND PAVEMENTS: SCARIEY AND RECOMPACT TOP 12 INCHES OF EXISTING SUBGRADE AND EACH LAYER OF BACKFILL OR FILL SOIL MATERIAL. COMPACT SOIL MATERIALS TO NOT LESS THAN 95% OF MAXIMUM DRY UNIT WEIGHT ACCORDING TO ASTM D1557 (MODIFIED PROCTOR). ENGINEERED FILL SHALL BE BROUGHT TO WITHIN 2 PERCENT OF OPTIMUM MOISTURE CONTENT BEFORE COMPACTION. DO NOT PLACE BACKFILL OR FILL SOIL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, OR CONTAIN FROST OR ICE.

BACKFILL TRENCHES EXCAVATED UNDER FOOTINGS AND WITHIN 18 INCHES OF BOTTOM OF FOOTINGS WITH SATISFACTORY SOIL; FILL WITH CONCRETE TO ELEVATION OF BOTTOM OF FOOTINGS.

ENGINEERED FILL SHALL COMPLY WITH ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SW, SP, OR SM, AASHTO M 145 GROUPS A-1, A-2-4, A-2-5, OR A-3, OR A COMBINATION OF THESE GROUPS; FREE OF ROCK OR GRAVEL LARGER THAN 3 INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION, AND OTHER DELETERIOUS MATTER. ENGINEERED FILL SHALL HAVE A LIQUID LIMIT OF 34 AND A PLASTICITY

SLABS ON GRADE SHALL BE SUPPORTED BY A DRAINAGE COURSE TO PROVIDE A CAPILLARY BREAK. DRAINAGE COURSE SHALL CONSIST OF A NARROWLY GRADED MIXTURE OF WASHED CRUSHED STONE, OR CRUSHED OR UNCRUSHED GRAVEL: ASTM D448: COARSE-AGGREGATE GRADING SIZE 57: WITH 100 PERCENT PASSING A 1-1/2-INCH SIEVE AND ZERO TO 5 PERCENT PASSING A NO. 8 SIEVE. PLACE DRAINAGE COURSE ON SUBGRADES FREE OF MUD. FROST. SNOW. OR ICE.

CONTRACTOR TO IMMEDIATELY NOTIFY THE OWNERS REPRESENTATIVE & ENGINEER IF UNUSUAL SOIL CONDITIONS ARE FOUND.

PROVIDE FREE DRAINING, GRANULAR BACKFILL WITH A MAXIMUM EQUIVALENT FLUID PRESSURE OF 30 PSF PER FOOT OF DEPTH AGAINST BASEMENT AND RETAINING WALLS. IF BACKFILL PRESSURE EXCEEDS 30 PSF, THEN WALL MUST BE DESIGNED FOR ACTUAL PRESSURES BY STRUCTURAL ENGINEER.

FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE LATEST SPECIFICATION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION STEEL CONSTRUCTION MANUAL.

STRUCTURAL STEEL SHALL CONFORM TO:

WF BEAMS ASTM A992 (50KSI) RECT HSS ASTM A500 GRADÉ B (46KSI) ROUND HSS ASTM A500 GRADE B (42KSI STEEL PIPE ASTM A53 GRADE B (35KSI) PLATES ANGLES & CHANNELS ASTM A36 (36KSI ASTM A325-N (3/4" Ø U.N.O.)

ANCHOR BOLTS ASTM F1554 GRADE 36 PROVIDE WELDED CONNECTIONS TYPICALLY UNLESS OTHERWISE NOTED.

WELDING ELECTRODES SHALL BE E70 SERIES.

WELDS SHALL BE MADE ONLY BY WELDERS WHO HAVE BEEN PREQUALIFIED BY TESTS OF THE AMERICAN WELDING SOCIETY, PRESCRIBED IN THE STRUCTURAL WELDING CODE," AWS DI.I

ANY CONNECTION NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS SHALL BE DESIGNED AND DETAILED BY THE STRUCTURAL STEEL FABRICATOR. SEE THE TYPICAL BEAM

CONNECTIONS SHALL BE AISC STANDARD.

CONNECTION DETAILS ON THE DRAWINGS.

PROVIDE BASE PLATE FOR ALL STRUCTURAL STEEL BEAMS BEARING ON CONCRETE OR MASONRY.

ALL STEEL SUPPORT COLUMNS SHALL BEAR DIRECTLY ON MASONRY OR CONCRETE FOUNDATION SYSTEMS.

GROUT FOR SETTING BEARING SURFACES SHALL BE NON-SHRINK, NOT-STAINING.

ALL EXTERIOR STEEL SHALL BE HOT-DIP GALVANIZED U.N.O. ZINC COATING SHALL BE APPLIED TO THE STRUCTURAL STEEL BY THE HOT-DIP PROCESS IN ACCORDANCE WITH ASTM A123-A123M. DAMAGED GALVANIZED SURFACES SHALL REPAIRED IN ACCORDANCE WITH ASTM A780/A780M

ALL STEEL SHALL RECIEVE SHOP PRIMER EXCEPT THE FOLLOWING; SURFACES EMBEDED IN CONCRETE OR MORTAR, SURFACES TO BE FIELD WELDED, HIGH-STRENGTH BOLTED SLIP-CRITICAL CONNECTIONS. SURFACES TO RECIEVE SPRAYED FIRE-RESISTIVE MATERIAI GALVANIZED SURFACES (UNLESS INDICATED TO BE PAINTED). AND CORROSION-RESISTING (WEATHERING) STEEL SURFACES. SHOP PRIMER SHALL BE FABRICATORS STANDARD LEAD AND CHROMATE-FREE, NONASPHALTIC, RUST-INHIBITING PRIMER COMPLYING WITH MPI #79 AND COMPATIBLE WITH TOPCOAT.

MISCELLANEOUS STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS". AND SHALL BE ASTM A36. BOLTS SHALL BE HIGH STRENGTH 3/4" DIAMETER CONFORMING TO ASTM A325 WELDING SHALL BE DONE ONLY BY CERTIFIED WELDERS. WELD IN ACCORDANCE WITH THE AWS "STANDARD CODE FOR ARC AND GAS WEI DING IN BUILDING CONSTRUCTION". STRUCTURAL STEEL SURFACES CAST INTO CONCRETE SHALL BE UNPAINTED.

SUBMIT STRUCTURAL STEEL SHOP DRAWINGS SHOWING COMPLETE DIMENSIONS AND DETAILS FOR APPROVAL PRIOR TO FABRICATION. THE STRUCTURAL STEEL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING, VERIFICATION, AND FOR COORDINATION OF DIMENSIONS AND DETAILS WITH THE STRUCTURAL AND OTHER PORTIONS OF THE CONTRACT DRAWINGS. THE STRUCTURAL CONTRACT DRAWINGS SHALL NOT BE REPRODUCED AS SHOP DRAWINGS UNLESS

CONCRETE (CAST-IN-PLACE)

CONCRETE CONSTRUCTION SHALL COMPLY WITH REFERENCED OR LATEST EDITIONS OF THE

THE STRUCTURAL ENGINEER'S APPROVAL IS OBTAINED IN WRITING.

FOLLOWING STANDARDS: 1) "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318", AMERICAN CONCRETE INSTITUTE 2) "ACI MANUAL OF CONCRETE PRACTICE - PARTS 1 THROUGH 5 ", AMERICAN CONCRETE

3) "MANUAL OF STANDARD PRACTICE", CONCRETE REINFORCING STEEL INSTITUTE. 4) "ACI DETAILING MANUAL, SP-66", AMERICAN CONCRETE INSTITUTE. 5) "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, ACI 301", AMERICAN CONCRETE INSTITUTE.

CONTRACTOR SHALL SUBMIT MIX DESIGNS IN ACCORDANCE WITH ASTM C94 ACCOMPANIED BY APPROPRIATE GRAPHS AND BACKGROUND DATA FOR APPROVAL. MIX DESIGN SHALL INDICATE 7 AND 28 DAYS STRENGTHS, CEMENT CONTENT, AIR CONTENT, WATER-CEMENT RATIO, AMOUNT OF FINE AND COARSE AGGREGATES. AND ADMIXTURES. CONCRETE SHALL BE MADE IN ACCORDANCE WITH DESIGN MIXES WHICH ARE TO BE APPROVED BY THE ARCHITECT OR ENGINEER PRIOR TO CASTING ANY CONCRETE. MIXES SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE **INSTITUTE ACI 318.**

USE OF ADDITIVES SHALL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER. USE OF ADDITIVES CONTAINING CALCIUM CHLORIDE SHALL NOT BE PERMITTED. HIGH-RANGE WATER REDUCING ADMIXTURES SHALL NOT BE USED IN AIR-ENTRAINED CONCRETE WITHOUT WRITTEN APPROVAL FROM CONCRETE PROVIDER AND VERIFICATION THAT THE ADMIXTURES ARE APPROVED TO BE USED TOGERTHER.

ADDITION OF WATER TO THE CONCRETE AT THE JOB SITE FOR THE PURPOSE OF INCREASING THE SLUMP OR FOR RETEMPERING THE CONCRETE WHICH HAS BEGUN TO SET IS STRICTLY

LIQUID-MEMBRANE CURING COMPOUNDS SHALL BE HIGH-SOLIDS, WATER AND ACRYLIC-BASED, COMPLYING WITH ASTM C309 AS TESTED UNDER ASTM C156.

EXPOSED CONCRETE BEAMS, WALLS AND COLUMNS SHALL HAVE CHAMFERED EDGES.

ALL CONCRETE WORK, REINFORCING PLACEMENT, FORMWORK AND SHORING SHALL BE INSPECTED UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER. CONCRETE QUALITY CONTROL, INSPECTION AND TESTING SHALL BE IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS, AS WELL AS LOCAL BUILDING CODE

REINFORCING BARS SHALL BE DEFORMED BILLET STEEL CONFORMING TO ASTM A615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064. BARS SHALL BE BRANDED BY THE MANUFACTURER WITH BAR SIZE AND GRADE OF STEEL AND CERTIFIED MILL REPORTS SHALL BE SUBMITTED FOR RECORD. REINFORCING STEEL SHALL BE DETAILED FABRICATED. AND PLACED. IN ACCORDANCE WITH ACI 318, ACI 315, AND CRSI STANDARDS.

CONCRETE (CAST-IN-PLACE) (CONT)

CONTRACTOR SHALL SUBMIT REBAR LAYOUT SHOP DRAWINGS FOR REVIEW AND MATERIAL TEST REPORTS FOR REINFORCEMENT TO BE WELDED IN ACCORDACE WITH ASTM A706.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064, GRADE 60. LAP WELDED WIRE FABRIC

ALL REINFORCING STEEL (INCLUDING WELDED WIRE FABRIC) SHALL BE SECURELY TIED AND ANCHORED IN PLACE TO PREVENT DISLOCATION DURING THE PLACING OPERATION.

REINFORCEMENT INSTALLATION SHALL COMPLY WITH CRSI'S "MANUAL OF STANDARD PRACTICE" FOR PLACING AND SUPPORTING REINFORCEMENT.

REINFORCEMENT FOR SLABS ON GRADE SHALL BE SUPPORTED IN PLACE PRIOR TO PLACING CONCRETE. PLACE CONCRETE OVER 10 MIL. POLYETHYLENE VAPOR BARRIER AND 4 INCHES MINIMUM OR COURSE AGGREGATE OR AS RECOMMENDED BY GEOTECHNICAL ENGINEER. THE AGGREGATE LAYER SHALL BE PLACED OVER APPROVED SUBGRADE.

POUR SLABS ON GRADE IN ALTERNATE PANELS WITH A MAXIMUM OF 600 SF AND PROVIDE CONTROL AND KEYED CONSTRUCTION JOINTS AT 15'-0" MAXIMUM OR AS REQUIRED TO PREVENT UNCONTROLLED CRACKING.PROVIDE DIAMOND OR ROUND SHAPE ISOLATION JOINTS AROUND COLUMN BASES. POUR CONCRETE INTO ISOLATION JOINTS AROUND COLUMN BASES AFTER SLAB ON GRADE IS POURED. CONCRETE FOR SLABS-ON-GRADE SHALL BE PLACED IN A SEQUENCE AND MANNER THAT IS CONSISTENT WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE. LOCATE CONSTRUCTION AND CONTROL JOINTS IN SUCH A WAY TO MINIMIZE THE EFFECTS OF SHRINKAGE OF THE CONCRETE SLAB SECTIONS. SUBMIT TO THE ARCHITECT/ENGINEER THE SEQUENCE AND METHOD OF CASTING CONCRETE SLABS-ON-GRADE PRIOR TO PLACING THESE ELEMENTS. DEPOSITE CONCRETE CONTINUOUSLY IN ONE LAYER. CONSOLIDATE CONCRETE WITH MECHANICAL VIBRATING EQUIPMENT IN ACCORDANCE WITH ACI 301. SCREED SLAB SURFACES WITH A STRAIGHTEDGE AND STRIKE OFF TO CORRECT

AREAS NOT EXPOSED TO PUBLIC VIEW SHALL RECIEVE AN AS-CAST FINISH IN ACCORDANCE WITH ACI 301 SF-1.0. WHERE AS-CAST FINISH IS USED. PATCH VOIDS LARGER THAT 1 1/2" WIDE OR 1/2" DEEP, REMOVE PROJECTIONS GREATER THAN 1", SURFACE TOLERANCE SHALL BE ACI 117 CLASS D.

ELEVATIONS. LEVEL CONCRETE, CUT HIGH AREAS AND FILL LOW AREAS.

SLAB CONTROL JOINTS: SAW CUT OR FORM TO 1/3 SLAB DEPTH. SPACE NO MORE THAN 15 FEET APART. DISCONTINUE REINFORCEMENT AT CONTROL JOINTS. PROVIDE JOINTS ON GROUND SUPPORTED SLABS IN RECTANGULAR CONFIGURATION, WITH THE LONGER SIDE NO MORE THAN ONE-AND-ONE-HALF TIMES THE LENGTH OF THE SHORTER SIDE.

SLAB ISOLATION JOINTS: PROVIDE PRE-MOLDED JOINT FILLER AROUND ALL PIPING, PIERS AND

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ANCHOR BOLTS. CLIPS, INSERTS, CONNECTION PLATES, SLEEVES, SLOTS AND OTHER REQUIRED ITEMS IN ACCORDANCE WITH THE CONTRACT DRAWINGS, AND IN COOPERATION WITH OTHER TRADES PRIOR TO PLACING CONCRETE. USE SETTING DRAWINGS, TEMPLATES, DIAGRAMS, INSTRUCTIONS, AND DIRECTIONS FURNISHED WITH ITEMS TO BE EMBEDED. INSTALL ANCHOR RODS ACCURATLY LOACATED, TO ELEVATIONS REQUIRED AND COMPLYING WITH TOLERANCES IN SECTION 7.5 OF

CONCRETE TOPPING OVER BASE SLAB (SLAB-ON-GRADE OR STRUCTURAL FLOOR SLAB) SHALL BE UNBONDED TOPPING. PROVIDE PLASTIC SHEETING, ROOFING FELT OR BOND-BREAKING COMPOUND AS REQUIRED BETWEEN BASE SLAB AND TOPPING. CONCRETE TOPPING SHALL BE REINFORCED WITH 6x6-W2.0xW2.0 WELDED WIRE FABRIC, (GALVANIZED W.W.F. AT PARKING LEVELS AND EXPOSED TOPPINGS). PROVIDE ADDITIONAL REINFORCING AS INDICATED ON THE DRAWINGS. TOPPING CONCRETE STRENGTH SHALL MATCH THE BASE SLAB CONCRETE UNLESS OTHERWISE NOTED. ALL JOINT LOCATIONS AND JOINT TYPE SHALL MATCH THE BASE SLAB U.O.N. PROVIDE SAW CUT CONTROL JOINTS AT +40' MAX. O.C., U.N.O.

	MIX PROPERTIES								
CLASS	USAGE	TYPE	EXPOSURE CLASS		MAXIMUM w/cm	AIR CONTENT	MAXIMUM CHLORIDE-ION CONTENT		
Α	FOOTINGS	NORMAL WEIGHT	F2, S0, W0, C1	4,500 PSI	0.45	6% ± 1.5	0.3		
В	FOUNDATION WALLS & PEDESTALS	NORMAL WEIGHT	F2, S0, W0, C1	4,500 PSI	0.45	6% ± 1.5	0.3		
С	TYP. INTERIOR SLABS ON GRADE	NORMAL WEIGHT	F0, S0, W0, C0	3,500 PSI	0.53	N/A	1.0		

LIMIT PERCENTAGE BY WEIGHT OF CEMENTITIOUS MATERIALS OTHER THAN PORTLAND CEMENT IN CONCRETE AS FOLLOWS - FLY ASH OR OTHER POZZOLANS: 25% BY MASS

- SLAG CEMENT: 50% BY MASS - TOTAL FLY ASH OR POZZOLANS, SLAG CEMENT, & SILICA FUME: 50% BY MASS, WITH FLY ASH OR POZZOLANS NOT EXCEEDING 25% BY MASS AND SILICA FUME NOT EXCEEDING 10% BY MASS

-TOTAL OF FLY ASH OR OTHER POZZOLANS & SILICA FUME: 35% BY MASS WITH FLY ASH

OR POZZOLANS NOT EXCEEDING 25% BY MASS AND SILICA FUME NOT

1-1/2"

LESSER OF

OR 2" BFI OW

SURFACE

		MINIMUM CLEARA (COVER) FOR REINFO
PORTLAND CEMENT	TYPE I/II	, ,
FLY ASH	ASTM C618, CLASS C OR F	FOOTING AND CONCRETE CAST AGAINST EARTH
SLAG CEMENT	ASTM C989/C989M, GRADE 100 OR 120	FORMED CONCRETE EXPOSED TO EARTH OR
SILICA FUME	ASTM C1240	WEATHER
AGGREGATES (NORMAL WEIGHT)	ASTM C33/C33M CLASS 1S, 2S, 3S, 4S, & 5S	FORMED CONCRETE NOT EXPOSED TO EARTH OR
AGGREGATES (LIGHT WEIGHT)	ASTM C330/C33M CLASS 1S, 2S, 3S, 4S, & 5S	WEATHER (SLABS, WALLS & JOISTS)
AGGREGATE SIZE	3/4"	,
MATER	IALS	FORMED CONCRETE NOT EXPOSED TO EARTH OR WEATHER
		(BEAMS & COLUMNS)
WATER REDUCER	ASTM C494, TYPE A	
AIR-ENTRAINER	ASTM C260	SLABS ON GRADE, W.W.F.

AIR-ENTRAINER

HIGH-RANGE WATER

REDUCER

EXCEEDING 10% BY MASS.

REDUCER							
FLOOR FLATNESS AND LEVELNESS							
SLAB COVERING OR AREA USAGE	, ,	FLOOR LEVELNESS (F _L)					
AREAS AND DHYIXTU I CARPET	RES 25 (LOCAL MIN. = 17)	20 (LOCAL MIN. = 15)					
AREAS WITH THIN FLOOR COVERINGS	35 (LOCAL MIN. = 24)	25 (LOCAL MIN. = 17)					
VERY FLAT (HIGHSPEED FORK LIFTS & ROLLER RINKS)	45 (LOCAL MIN. = 30)	35 (LOCAL MIN. = 24)					
POLISHED FLOORS	50 (LOCAL MIN. = 40)	25 (LOCAL MIN. = 17)					
WOOD FLOOR ON SLEEPERS	25 (LOCAL MIN. = 17)	20 (LOCAL MIN. = 15)					

ASTM C260

ASTM C494, TYPE F

MISCELLANEOUS ITEMS

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL SAFETY REGULATIONS, PROGRAMS AND PRECAUTIONS RELATED TO ALL WORK ON THIS PROJECT AND FOR THE PROTECTION OF PERSONS AND PROPERTY EITHER ON OR ADJACENT TO THE PROJECT AND SHALL PROTECT SAME AGAINST INJURY, DAMAGE OR LOSS.

THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON THE STRUCTURE. SUCH LOADS SHALL NOT EXCEED THE CAPACITY OF THE STRUCTURE AT ANY TIME. THE STRUCTURAL INTEGRITY OF THE BUILDING IS DEPENDANT UPON COMPLETION ACCORDING TO PLANS AND SPECIFICATIONS. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION. THE METHOD OF CONSTRUCTION AND SEQUENCE OF OPERATIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUPPLY ANY NECESSARY SHORING, BRACING, GUYS, ETC., TO PROPERLY BRACE THE STRUCTURE AGAINST WIND, DEAD AND LIVE LOADS UNTIL THE BUILDING IS COMPLETED ACCORDING TO THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL NOT PLACE BACK FILL AGAINST BASEMENT WALLS UNTIL THE FLOOR SYSTEM IS COMPLETELY INSTALLED OR CONTRACTOR HAS PROVIDED ADEQUATE SHORING AND BRACING. ANY QUESTIONS REGARDING TEMPORARY SHORING. REQUIREMENTS SHOULD BE FORWARDED TO THE STRUCTURAL ENGINEER FOR REVIEW.

THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION, AND ANY TEMPORARY BRACING OR SUPPORT REQUIRED TO ACCOMMODATE THE CONTRACTOR'S MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR IS TO VERIFY ALL OPENING SIZES AND LOCATIONS WITH THE REQUIREMENTS OF OTHER TRADES PRIOR TO FABRICATION AND ERECTION.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THE WORK OF ALL TRADES IS COORDINATED WITH ADJACENT

EARTH RETAINING WALLS, OTHER THAN CANTILEVERED TYPE WALLS, SHALL BE ADEQUATELY BRACED UNTIL CONCRETE FOR SUPPORTING SLABS HAS BEEN PLACED AND ALL CONCRETE HAS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING, FURNISHING, ERECTING AND REMOVING ANY TEMPORARY SHORING AND BRACING DURING CONSTRUCTION

THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED AT THE PROPER TIME WHEN ALL ITEMS ARE READY FOR OBSERVATION. SUFFICIENT NOTICE SHALL BE GIVEN BY THE CONTRACTOR TO ALLOW

SAFETY REGULATIONS SHALL BE STRICTLY FOLLOWED BY THE CONTRACTOR OR SUBCONTRACTOR DURING ALL TIMES OF WORK ON THIS PROJECT. THE ARCHITECT OR ENGINEER SHALL NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR ACTS OF OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

ALL SPECIALTY BOLTS. INCLUDING EXPANSION TYPE AND EPOXY TYPE ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS

THE CONTRACTOR SHALL PROTECT FROM DAMAGES EXISTING BUILDING(S), OWNER EQUIPMENT ROADS, WALKS AND UTILITIES. THE CONTRACTOR SHALL MAINTAIN THESE DURING THE COURSE OF THE WORK, AND SHALL REPAIR ALL DAMAGES AT NO ADDITIONAL EXPENSE TO THE OWNER.

IN AREAS WHERE THE DRAWINGS DO NOT ADDRESS METHODOLOGY, THE CONTRACTOR SHALL BE BOUND TO PERFORM IN STRICT COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS AND/OR

ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS. NOTED DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE.

THE GENERAL NOTES AND TYPICAL DETAILS APPLY THROUGHOUT THE JOB UNLESS OTHERWISE NOTED OR SHOWN.

THE CONTRACTOR SHALL COMPARE AND COORDINATE ALL DRAWINGS. IF A DISCREPANCY EXISTS HE SHALL PROMPTLY REPORT IT FOR PROPER ADJUSTMENT BEFORE PROCEEDING WITH THE

IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS

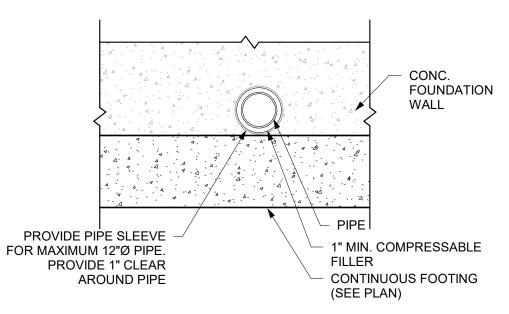
THESE PLANS ARE SUBJECT TO MODIFICATIONS AS NECESSARY TO MEET CODE REQUIREMENTS OR TO FACILITATE MECHANICAL, PLUMBING INSTALLATIONS OR TO INCORPORATE DESIGN

DO NOT BUILD OVER GAS LINES OR ENCLOSE THE METER. CONSULT THE LOCAL GAS COMPANY PRIOR TO CONSTRUCTION.

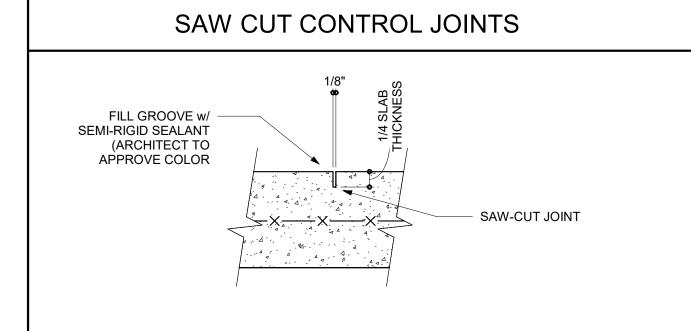
COLD-FORMED LIGHT STEEL FRAMING

DESIGN OF FRAMING MEMBERS SHALL CONFORM TO AISI SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL MEMBERS. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE DESIGN AND DETAILING OF ALL MEMBERS AND CONNECTIONS IN CONFORMANCE WITH THE GENERAL LAYOUT, PROPERTIES AND BASIC MEMBER SIZES SPECIFIED. SUBMIT STRUCTURAL

STUDS, BRIDGING AND ACCESSORIES SHALL HAVE A MINIMUM YIELD STRENGTH OF 50,000 PSI FOR 16 GAGE AND THICKER MATERIALS. AND 33,000 PSI FOR MATERIALS THINNER THAN 16 GAGE

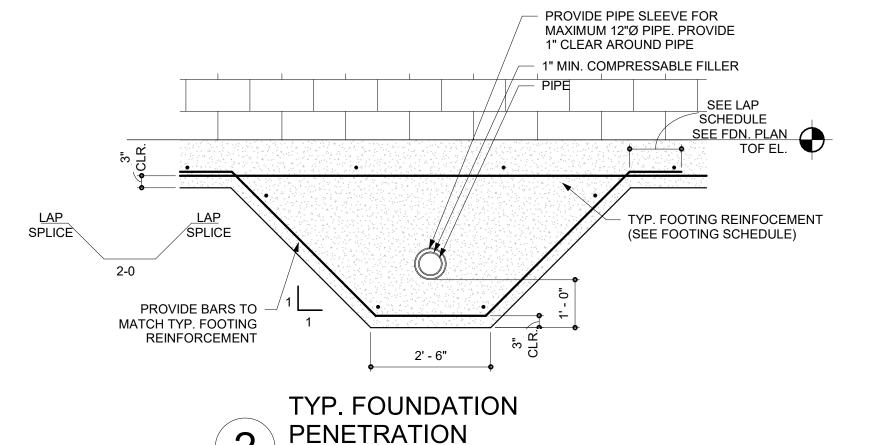


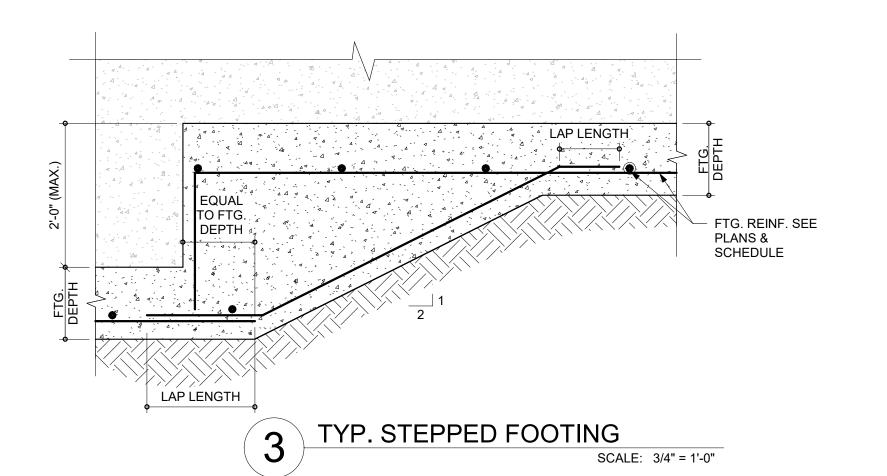


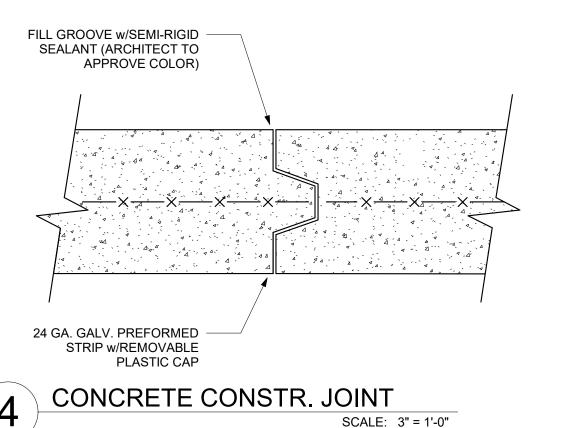


SAW CUT OR FORM TO 1/4 SLAB DEPTH. SPACE JOINTS AT NO MORE THAN 48 TIMES THE THICKNESS OF SLAB. NOT TO EXCEED 16FT. DISCONTINUE REINFORCEMENT AT CONTROL JOINTS. PROVIDE JOINTS ON GROUND SUPPORTED SLABS IN RECTANGULAR CONFIGURATION. THE LONGER SIDE SHALL BE NO MORE THAN ONE-AND-ONE-HALF THE SHORTER SIDE SAW-CUTTING SHALL BE DONE AS SOON AS POSSIBLE AFTER POURING CONCRETE. WHEN CONCRETE HAS HARDENED SUFFICIENTLY TO ALLOW CUTTING, NOT TO EXCEED 24 HRS. CONTRACTOR MAY SUBMIT CONTROL JOINT LAYOUT TO ENGINEER OF RECORD FOR APPROVAL.

SCALE: 1/2" = 1'-0"









ARCHITECTURE ENGINEERING <u>Delaware</u>

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THIS DRAWING HAS BEEN PREPARED BY BECKER MORGAN GROUP INC. SOLELY FOR THIS PROJECT PURSUANT TO A LIMITED SERVICES AGREEMENT FOR ARCHITECTRUAL AND STRUCTURAL ENGINEERING DESIGN ONLY. SERVICES EXCLUDE RESPOINSIBILITY FOR A LANDSCAPE ARCHITECTURE AND ALL OTHER ENGINEERING - CIVIL, GEOTECHNICAL, MECHANICAL, ELECTRICAL ACOUSTICAL, ETC. PROJECT SPECIFICATIONS, FIELD COORDINATION, DETAILING AND COMPLIANCE WITH ALL REGULATORY REQUIREMENTS - BUILDING, ZONING AND OTHER RELEVANT CODES, REMAINS THE RESPONSIBILITY OF THE CONTRACTOR FOR THE EXECUTION OF THIS WORK.



PROFESSIONAL CERTIFICATION: CERTIFY THAT THESE DOCUMENT WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSE ENGINEER UNDER THE LAWS OF THE STATE OF DELAWARE. LICENSE NO: EXPIRATION DATE: 06/30/2022

WORCESTER COUNTY RECREATION STORAGE

6030 PUBLIC LANDING ROAD

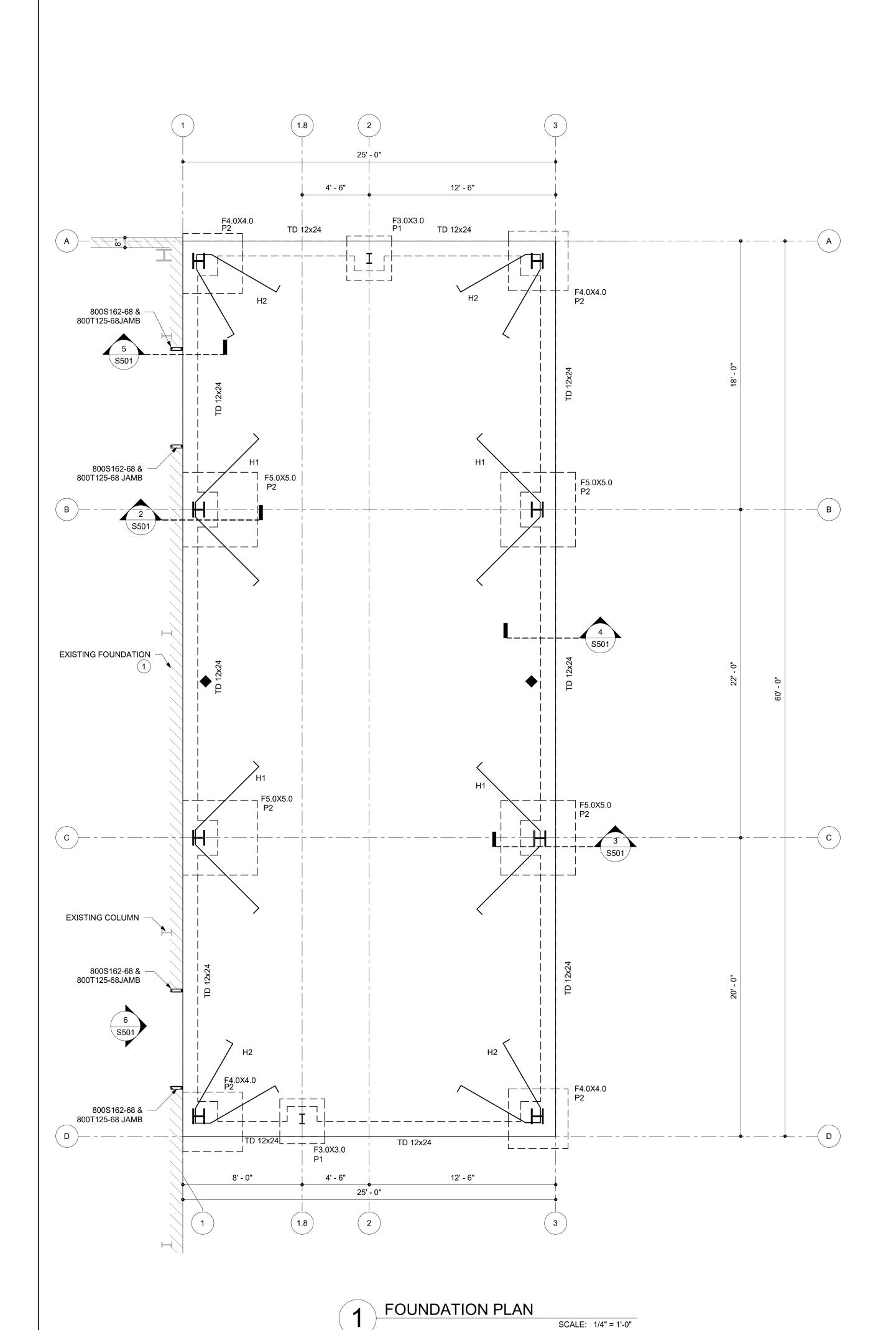
SNOW HILL, MARYLAND

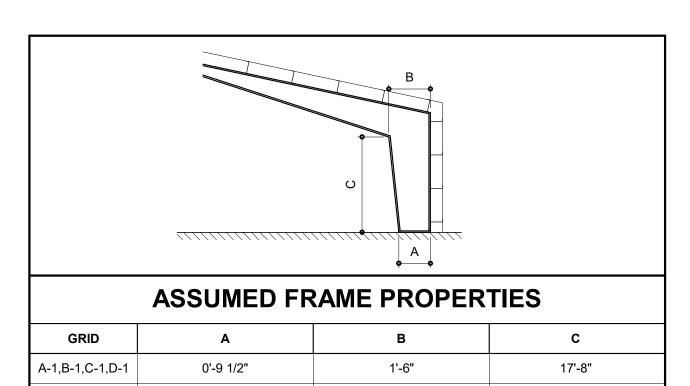
NOTES

PROJECT TITLE

ISSUE BLOCK Description PROJECT NO: 2013173.01 DATE: 01.13.2023 As indicated

DRAWN BY: CMK | PROJ MGR:





1'-0"

11'-6"

A-3,B-3,C-3,D-3

1'-0"



- FOUNDATION SHALL BEAR ON UNDISTURBED SOIL OR CONTROLLED COMPACTED FILL HAVING AN ALLOWABLE BEARING CAPACITY **2000 PSF** OR GREATER. THE CONTRACTOR SHALL VERIFY THE ASSUMED BEARING CAPACITY PRIOR TO PLACING ANY FOOTINGS.
- THE BOTTOM OF EXTERIOR FOOTINGS SHALL BE PLACED A MINIMUM OF 2'-0" BELOW FINISH GRADE FOR FROST PROTECTION. THE BOTTOM OF INTERIOR FOOTINGS SHALL BE PLACED A MINIMUM OF 1'-0" BELOW FINISH FLOOR.
- COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL PLANS FOR BUILDING LAYOUT.
- FLOOR DRAINS AND SLOPES SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
- ASSUMED DATUM ELEVATION AT TOP OF STRUCTURAL SLAB ON GRADE = 0'-0". SEE CIVIL DRAWINGS FOR ACTUAL ELEVATION.
- STEP FOOTINGS BELOW WATER, SANITARY, ELECTRICAL SERVICE, AND OTHER MISCELLANEOUS UTILITIES AND PIPING. COORDINATE WITH M.E.P. DRAWINGS. SEE TYPICAL DETAIL.

SHEET LEGEND:

FOUNDATION EXTENTS

CROSS BRACED BAY

EX. FOUNDATION WALL

NOTES:

CONTRACTOR SHALL EXPOSE EXISTING FOOTING PRIOR TO REMOVAL OF EXISTING SUBGRADE. REPORT TO ENGINEER WITH THE DIMENSIONS OF THE EXISTING FOOTING.

CONCRETE SLAB ON GRADE SHALL BE 5" CONCRETE w/ 6"x6" W2.9 x W2.9 W.W.R. ON 10 MIL POLY VAPOR BARRIER, 4" DRAINAGE LAYER AND COMPACT SUBGRADE.

	FOOTING SCHEDULE (MTL. BLDG)								
MARK TYPE		DEPTH V	WIDTH	LENGTH	REINFORCEMENT	DESIGN LOADS (ALLOWABLE)			
						BEARING	UPLIFT		
.0X3.0	ISOLATED	1' - 0"	3' - 0"	3' - 0"	(4) #5 BARS E.W. TOP & BOT.	18 K			
.0X4.0	ISOLATED	1' - 0"	4' - 0"	4' - 0"	(5) #5 BARS E.W. TOP & BOT. (HOOKED)	32 K	6.1 K		
.0X5.0	ISOLATED	1' - 0"	5' - 0"	5' - 0"	(6) #5 BARS E.W. TOP & BOT. (HOOKED)	41.2 K	8.3 K		
12x24	TURNDOWN	2' - 0"	1' - 0"	<varies></varies>	(2) #5 BARS CONT. TOP & BOT.				

PRE-ENGINEERED METAL BUILDING NOTES:

METAL BUILDING SHALL BE DESIGNED PER LOADING ON SHEET S001. BUILDING SUPPLIER SHALL PROVIDE SHOP DRAWINGS WITH ANCHOR BOLT LAYOUT, ERECTION DRAWINGS AND SIGNED AND SEALED DESIGN CALCULATIONS FOR THE PROJECT'S JURISDICTION. CALCULATIONS SHALL INCLUDE VERTICAL AND HORIZONTAL REACTIONS.

MANUFACTURERS FACILITY SHALL BE ACCREDITED ACCORDING TO THE INTERNATIONAL ACCREDITATION SERVICE'S AC472, "ACCREDITATION CRITERIA FOR INSPECTION PROGRAMS FOR MANUFACTURERS OF METAL BUILDING SYSTEMS."

ERECTORS SHALL BE LIMITED TO EXPERIENCED ERECTORS WHO SPECIALIZES IN ERECTING AND INSTALLING WORK SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT AND WHO IS ACCEPTABLE TO MANUFACTURER.

METAL BUILDING SYSTEMS SHALL WITHSTAND THE EFFECTS OF GRAVITY LOADS AND THE LOADS AND STRESSES INDICATED ON <u>S001</u>, WITHIN LIMITS AND UNDER CONDITIONS INDICATED ACCORDING TO PROCEDURES IN MBMA'S "METAL BUILDING SYSTEMS MANUAL."

BOLTED CONNECTIONS SHALL COMPLY WITH RCSC'S "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS."

DESIGN AND SPECIFICATION OF ALL BUILDING FRAMING COMPONENTS WILL BE PROVIDED BY THE METAL BUILDING MANUFACTURER. METAL BUILDING SUPPLIER SHALL DESIGN OVERFRAMING AS REQUIRED.

ALL COLUMNS SHOWN ON PLANS ARE PRELIMINARY. FINAL COLUMN SIZES AND LOCATIONS TO BE COORDINATED WITH PRE-ENGINEERED METAL BUILDING SUPPLIER. FRAME COLUMNS SHOWN ARE AS DETAILED.

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE DESIGN COLUMN REACTIONS SHOWN ON THIS PLAN MEETS OR EXCEEDS THE FINAL VALUES AND NOTIFYING ENGINEER OF ANY DISCREPANCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADJUSTMENTS NEEDED TO THE FOUNDATION PLAN TO ACCOMMODATE LOADS.

BUILIDING DESIGN BASED UPON 8" BYPASS GIRTS.

METAL BUILDING SUPPLIER SHALL CONSIDER ADDITONAL LOADS DUE TO SNOW DRIFT AND SLIDING SNOW WHERE APPLICABLE.

FOUNDATION DESIGN BASED UPON PRELIMINARY REACTIONS. ENGINEER TO CONFIRM FOUNDATION SIZES BASED UPON FINAL BUILDING REACTIONS. CONTRACTOR TO SUBMIT REACTIONS FOR REVIEW AND COORDINATION WITH FOUNDATION DESIGN.

LATERAL BRACING SHALL INCLUDE:

PROVIDE CROSS-BRACED FRAME ALOND GRID(S) 1 & 3 BETWEEN GRID(S) C & D. GABLE WALL ALONG GRID(S) A &D SHALL BE NON- EXPANDABLE FRAME.

METAL BUILDING SYSTEM ASSEMBLIES SHALL BE DESIGNED TO WITHSTAND SERVICEABILITY DESIGN LOADS WITHOUT EXCEEDING DEFLECTIONS AND DRIFT LIMITS RECOMMENDED IN AISC STEEL DESIGN GUIDE NO. 3 "SERVICEABILITY DESIGN CONSIDERATIONS FOR STEEL BUILDINGS."

SECONDARY FRAMING SHALL BE DESIGNED TO ACCOMODATE DEFLECTIONS OF PRIMARY FRAMING, CONSTRUCTION TOLERANCES, AND TO MAINTAIN CLEARANCE AT OPENINGS.

DESIGN DEFLECTIONS SHALL NOT EXCEED:

STORY DRIFT: H/80

PRIMARY MEMBERS: L/240 TOTAL PURLINS AND RAFTERS: L/240 TOTAL

GIRTS: L/180 TOTAL **BUILDING GEOMETRY**

EAVE HEIGHT: [SEE ARCH.] ROOF PITCH: 3:12 [SEE ARCH.]



ARCHITECTURE ENGINEERING

<u>Delaware</u> 309 S Governors Ave

Dover, DE 19904 302.734.7950 The Tower at STAR Campus 100 Discovery Boulevard, Suite 102 Newark, DE 19711

302.369.3700 <u>Maryland</u> 312 West Main St, Suite 300 Salisbury, MD 21801 410.546.9100 North Carolina

Wilmington, NC 28403 910.341.7600 www.beckermorgan.com

3333 Jaeckle Drive, Suite 120

THIS DRAWING HAS BEEN PREPARED BY BECKER MORGAN GROUP INC. SOLELY FOR THIS PROJECT PURSUANT TO A LIMITED SERVICES AGREEMENT FOR ARCHITECTRUAL AND STRUCTURAL ENGINEERING DESIGN ONLY. SERVICES EXCLUDE RESPOINSIBILITY FOR A LANDSCAPE ARCHITECTURE AND ALL OTHER ENGINEERING - CIVIL, GEOTECHNICAL, MECHANICAL, ELECTRICAL, ACOUSTICAL, ETC. PROJECT SPECIFICATIONS, FIELD COORDINATION, DETAILING AND COMPLIANCE WITH ALL REGULATORY REQUIREMENTS - BUILDING,



ZONING AND OTHER RELEVANT CODES, REMAINS THE RESPONSIBILITY OF THE CONTRACTOR FOR

THE EXECUTION OF THIS WORK.

PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSEE ENGINEER UNDER THE LAWS OF THE STATE OF DELAWARE.

LICENSE NO: EXPIRATION DATE: 06/30/2022

WORCESTER COUNTY RECREATION STORAGE

6030 PUBLIC LANDING ROAD

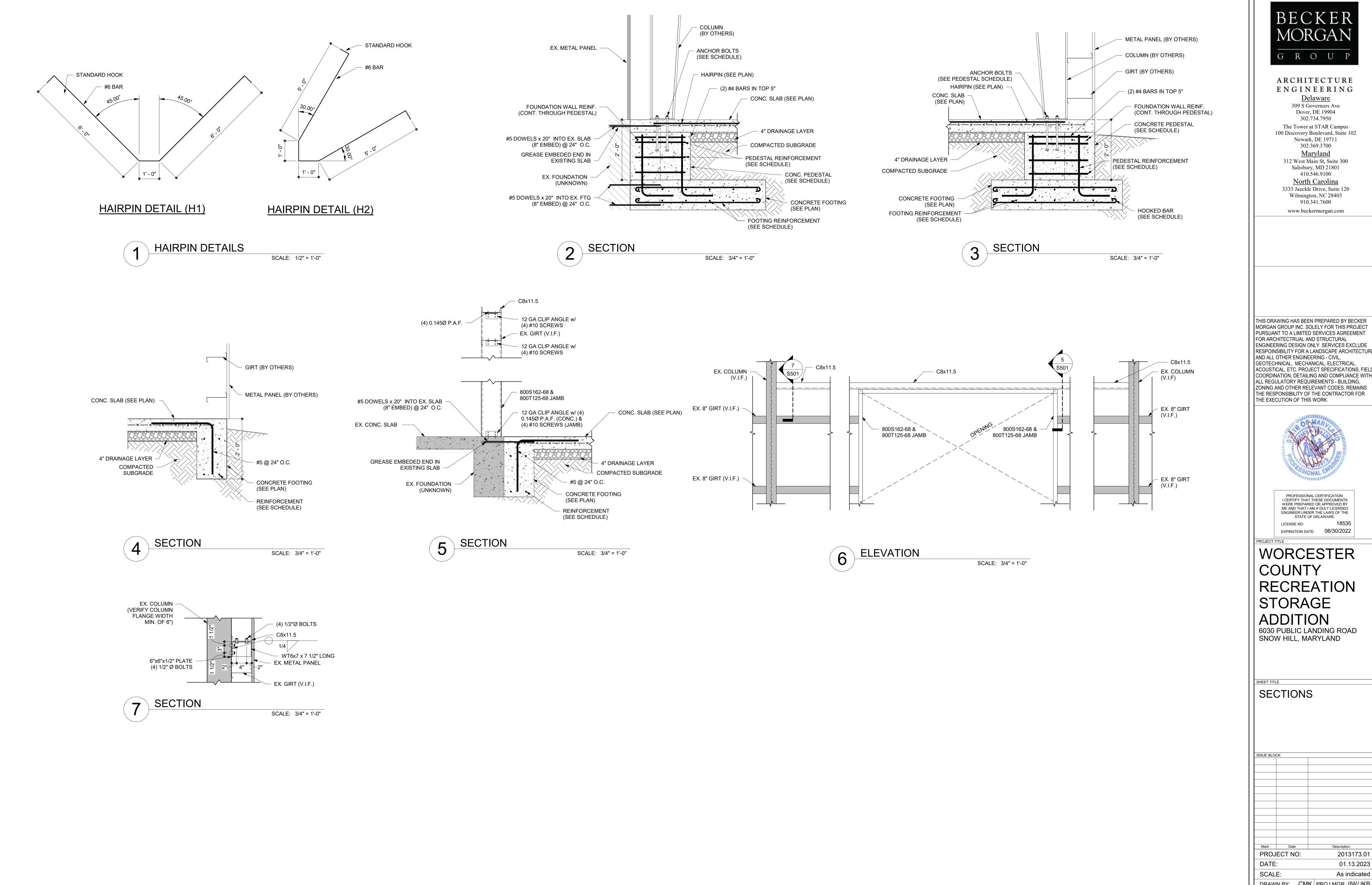
SNOW HILL, MARYLAND

FOUNDATION PLAN

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		,

PROJECT NO: 2013173.01 DATE: 01.13.2023 As indicated

DRAWN BY: CMK PROJ MGR:



G R O U P

ARCHITECTURE ENGINEERING

312 West Main St, Suite 300 3333 Jaeckle Drive, Suite 120

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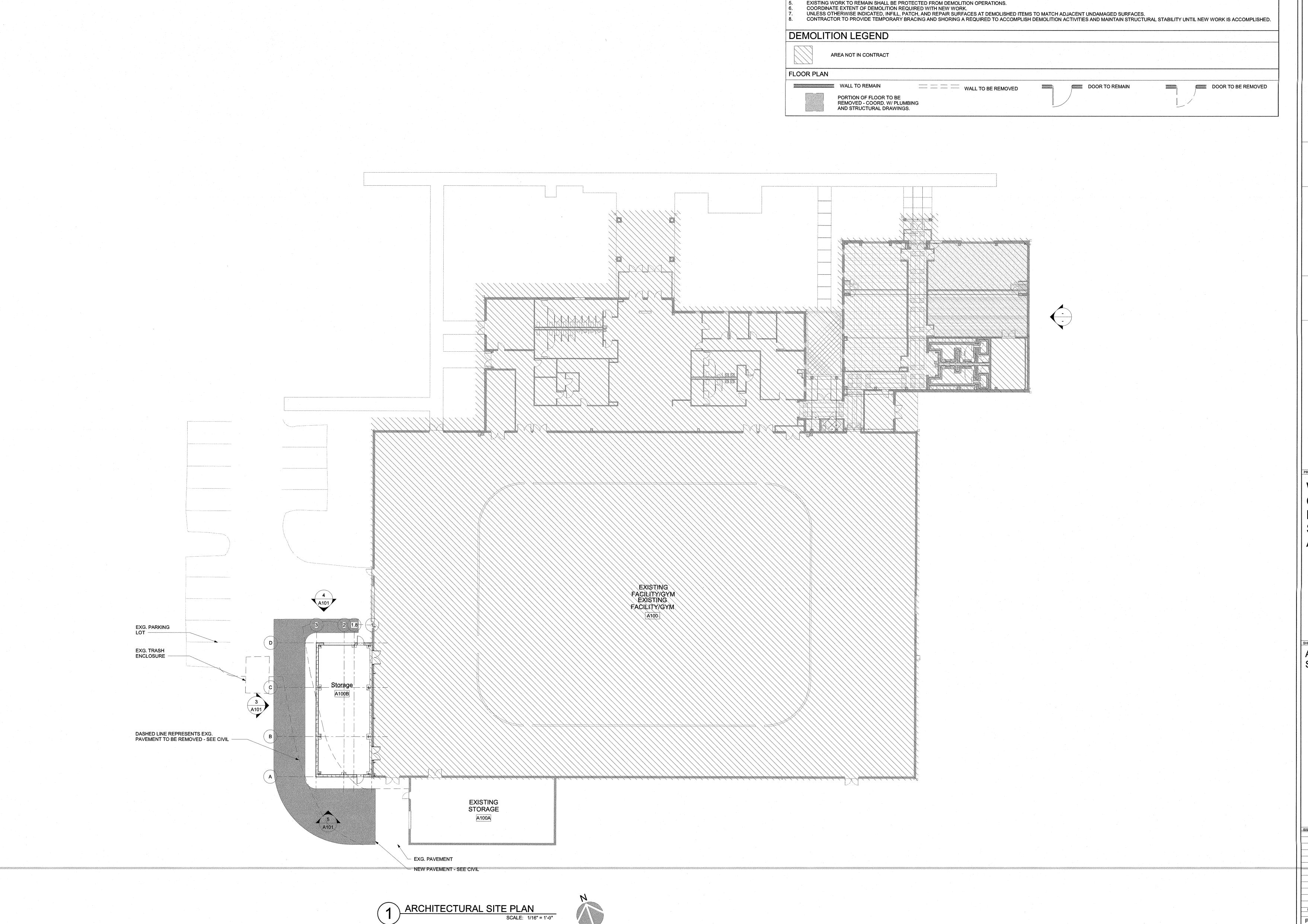
PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF DELAWARE.

WORCESTER RECREATION

Description 2013173.01

As indicated DRAWN BY: CMK PROJ MGR: JIW/JKB

S501



DEMOLITION NOTES

FIELD VERIFY ALL EXISTING CONDITIONS.

SEE STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL WORK.

THE OWNER WILL REMOVE ALL FURNITURE AND EQUIPMENT PRIOR TO COMMENCEMENT OF DEMOLITION ACTIVITY.

NO HAZARDOUS MATERIALS ARE EXPECTED TO BE ENCOUNTERED IN THIS AREA. SEE SPECIFICATION PROCEDURE FOR HAZARDOUS MATERIALS ENCOUNTERED DURING DEMOLITION.



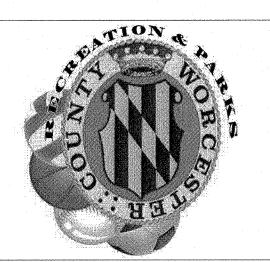
ARCHITECTURE ENGINEERING

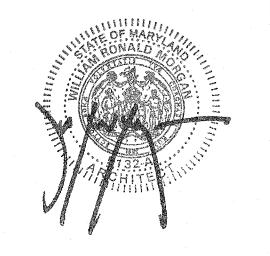
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PROJECT TITLE

WORCESTER COUNTY RECREATION STORAGE ADDITION

ARCHITECTURAL SITE PLAN

6' 8' 0'

6' 8' 0'

SCALE: 1/16" = 1'-0"

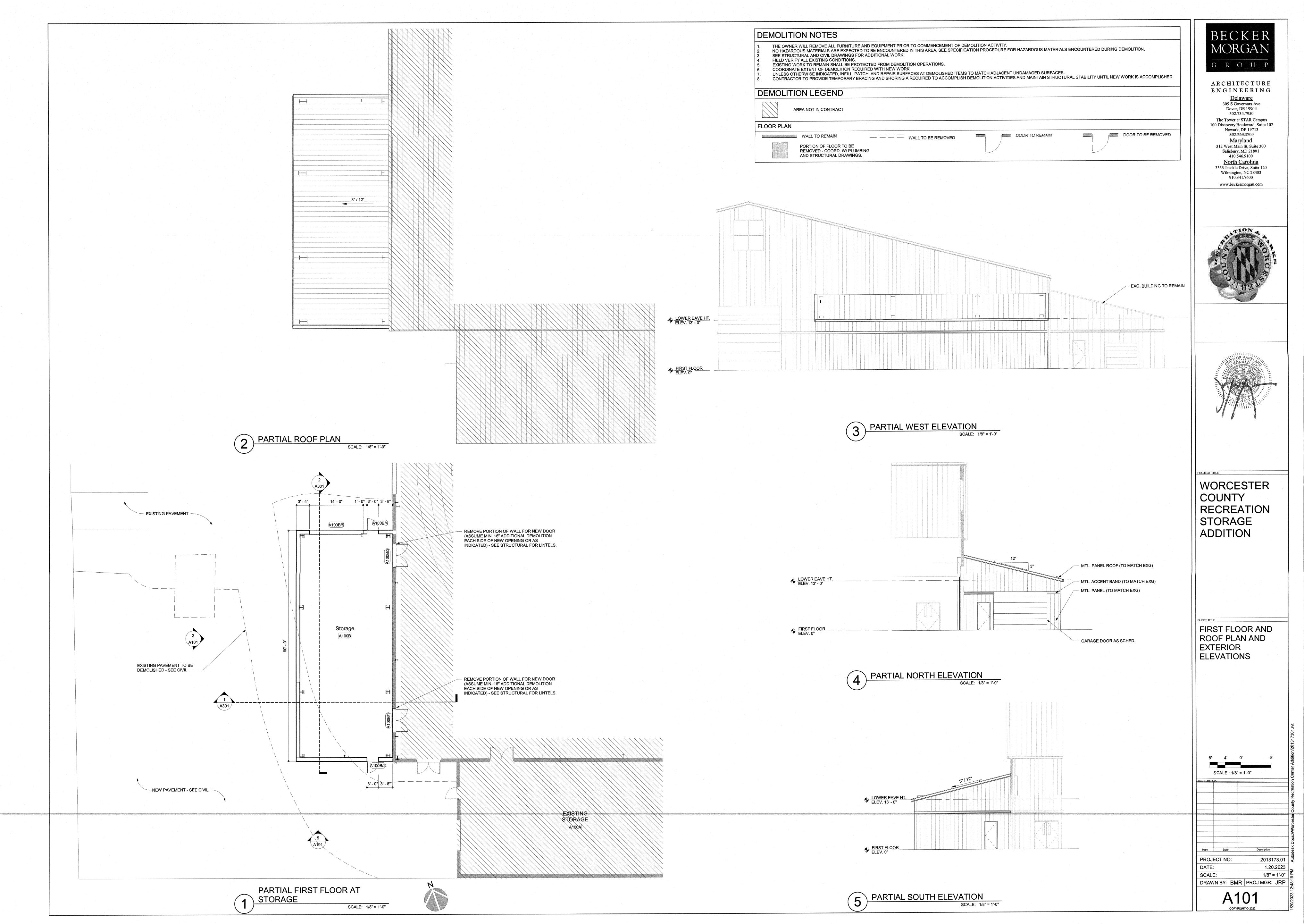
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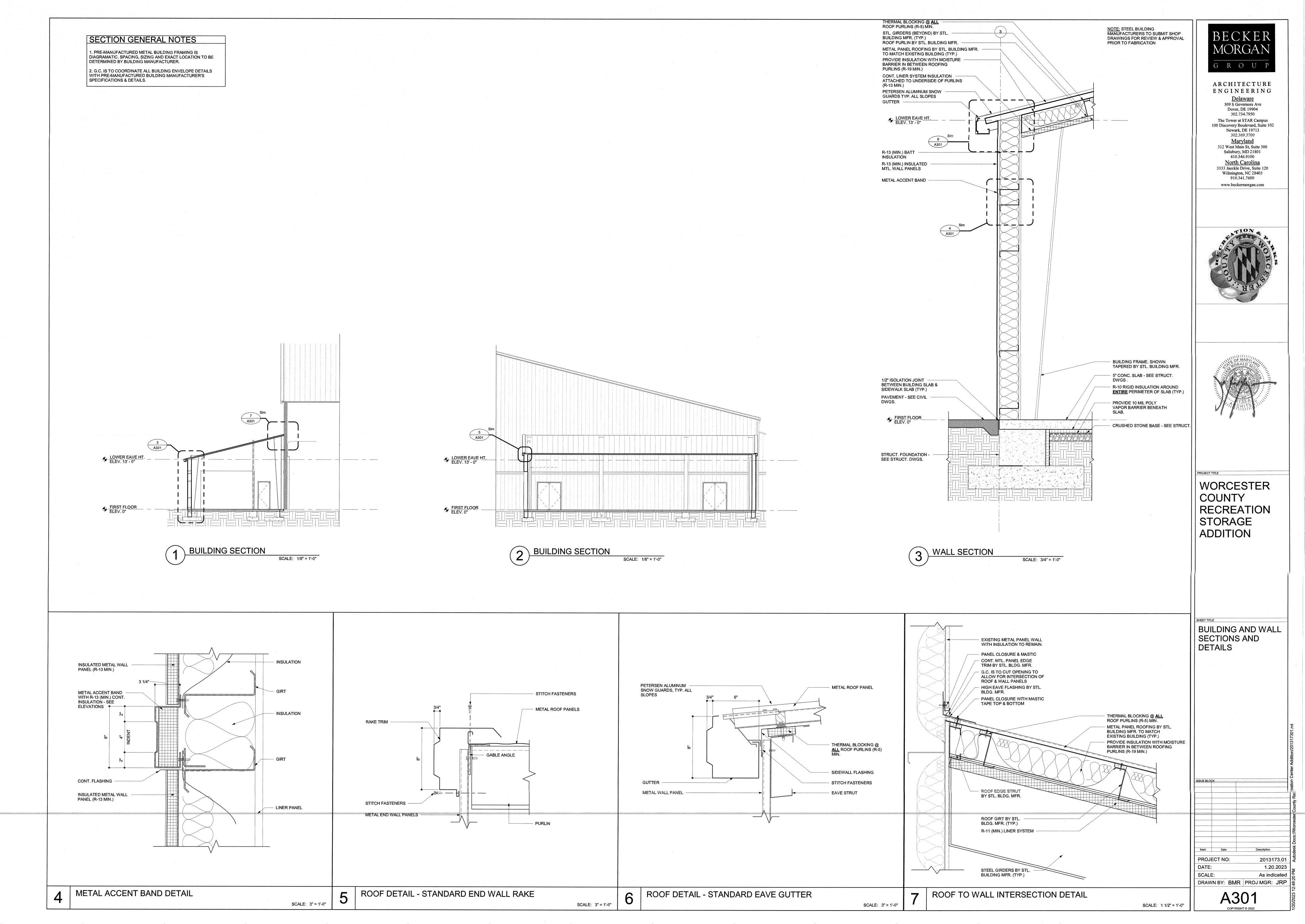
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DATE:

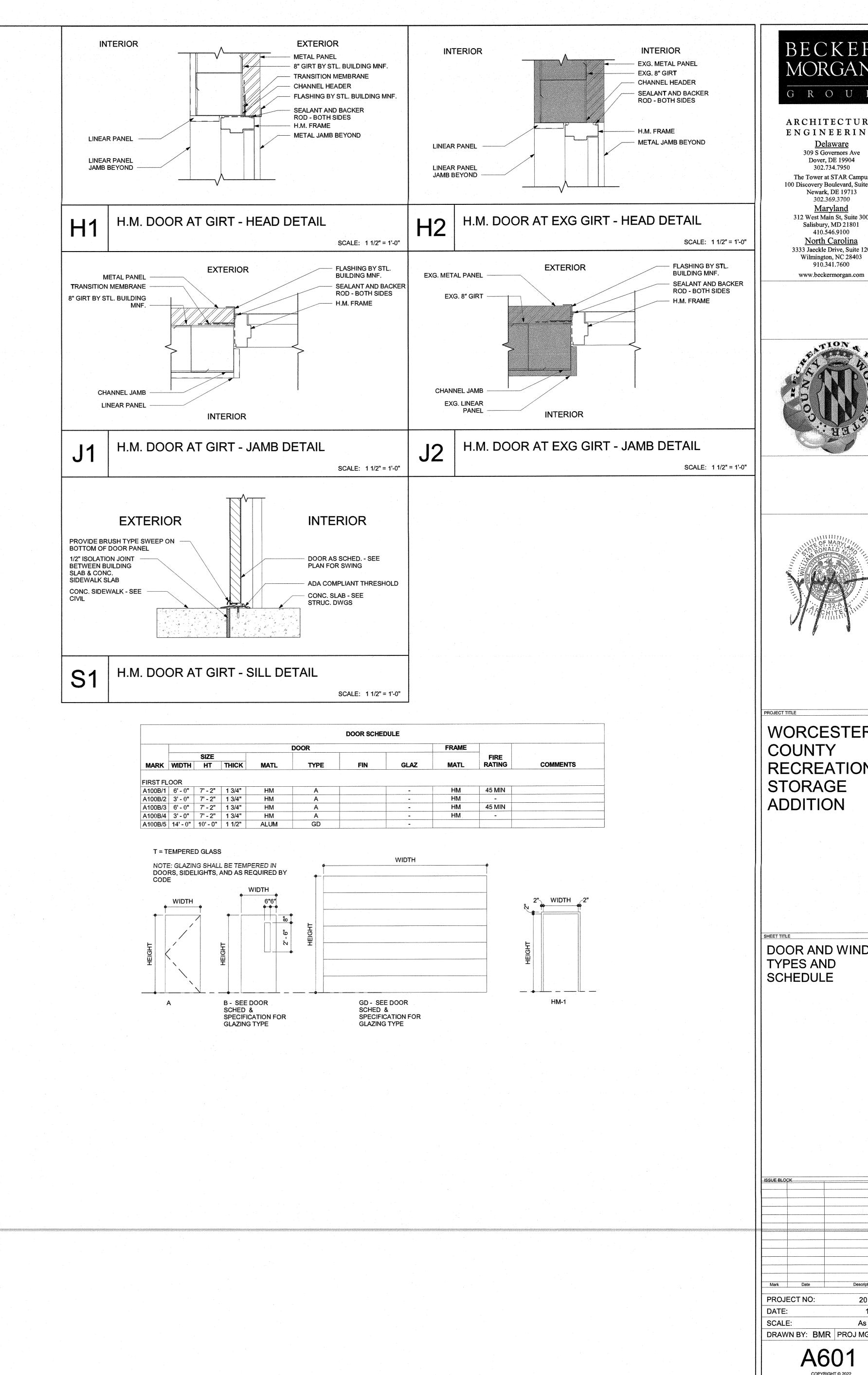
DJECT NO: 2013173.01 E: 1.20.2023 LE: As indicated

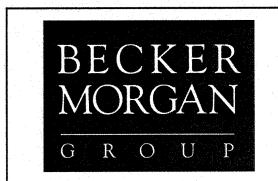
DRAWN BY: BMR PROJ MGR: JRP

A100



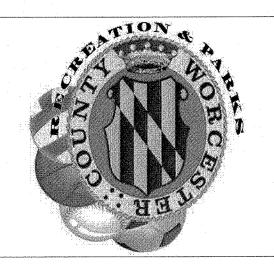






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WORCESTER COUNTY RECREATION STORAGE ADDITION

DOOR AND WINDOW TYPES AND

2013173.01 1.20.2023 As indicated

DRAWN BY: BMR PROJ MGR: JRP

A601