

ADDENDA:

ADDENA No.: 001
DATE ISSUED: September 21, 2022

PROJECT INFORMATION:

Project Number: CM002
Project Name: Bathroom Renovations
at the Cape May National Guard Armory
Project Address: 600 Garden State Parkway
Cape May Court House, NJ 08210

A: REQUEST FOR CLARIFICATION (RFI) RESPONSES:

ITEM NO.	ITEM REPORTED:
A-1	<p>Drawing E-200 shows fixture L-1 as a 2x2 lay in style. It also shows fixture L-2 as a 2x4 lay in style, however the drawing with the ceiling grid layout appears to show them as the opposite as they are listed. Please verify that L-1 and L-2 are listed correctly.</p> <p>RESPONSE: The Light Fixture Schedule has been updated to reflect the plan indication. Revised Drawing: E-200 (Attached)</p>
A-2	<p>I am not seeing any insurance requirements in the specs. On a previous DMAVA project the attached was part of the project. Our insurance carriers asked that we forward them the insurance requirements on projects we are bidding.</p> <p>RESPONSE: Please refer to the attached Contract and Bond Specification provided by DMAVA.</p>
A-3	<p>Drawing M-201 shows hydronic modifications. There is no tie-in point shown on the drawings. Are we supposed to provide all the piping shown on the drawing or just from the branch to the HWC?</p> <p>RESPONSE: All piping shown is existing, new tie-in is required from the existing branch piping to the new HWC. Drawing M-201 has been amended with clarification notes.</p>
A-4	<p>On Drawing M-200 notes 4 and 5 talk about new radiation units and replacing unit heaters. None of it is scheduled or shown on the drawings</p> <p>RESPONSE: Disregard: Erroneous notes have been removed. Refer to the amended Drawing M-200.</p>
A-5	<p>Door Opening 500 is described as hollow metal under Door Material, but also described as FRP under Door Types (see sheet A-501). Please clarify the desired construction for this opening.</p>

	<p>RESPONSE: The Material and Frame are to be Fiberglass Reinforced Polymer (FRP). The Door Schedule has been updated to reflect same.</p> <p>Revised Drawing: A-501</p>
A-6	<p>Please clarify which certifications need to be met with respect to windstorm/large missile ratings.</p> <p>RESPONSE: Impact Rated for Large Missile Impact* Anti-Terrorism Force Protection (ATFP) UFS 4-01001 & 02 at Charge Weight I & II.</p>
A-7	<p>The fixture schedule does not match the fixtures shown on the drawings. e.g. Lav-1 is scheduled but the drawings show CTL-1 (not scheduled), MR-1 is not shown on the drawings but is scheduled. Please align fixture schedule with drawings.</p> <p>RESPONSE: The fixture schedule and plans have been updated to reflect the accurate tag identification. Please refer to note B-1 below for LAV-1 replacement fixture.</p> <p>Revised Drawing: P-100</p>
A-8	<p>Alternate 1 which is to replace a sewage ejector pump. Again, not shown on drawings. Please show location where the sewage ejector pump is and the model number for the pump.</p> <p>RESPONSE: The above is an Additive Bid Item by DMAVA. DMAVA has provided (attached) a PDF copy the existing Sanitary Sewer & Water Main Partial Plot Plan dated 1984 and a copy of the Proposal and specification prepared by Marlee Contractors, LLC regarding the anticipated scope.</p>
A-9	<p>The 2 notes at the top of plan D 100 are cut off</p> <p>RESPONSE: The viewports have been adjusted/ notes added. Revised Drawing: D-100</p>
A-10	<p>Please provide roofing type and warranty info.</p> <p>RESPONSE: Manufacturer: Merchant & Evans; a copy of the Roof Warranty has been attached for reference.</p>
A-11	<p>Please provide the scope of work for the abatement. The environmental report seems to only be the survey. It does not list what is required to be removed under this contract.</p> <p>RESPONSE: Please refer to Section 5.0 Summary/ Recommendations and the Hazardous Materials Abatement Cost Estimate of the Limited Hazardous Materials Environmental Inspection Report prepared by Whitman Environmental.</p>
A-12	<p>At the site visit, it was mentioned that the existing VAT floor in the corridors was to remain, and new floor installed over top. please confirm. Also, There is saw cutting that needs to occur in these corridors. Please provide quantities for VAT removal.</p> <p>RESPONSE: Quantities cannot be provided as the extent of saw-cutting is variable at this time; GC is directed to remove all existing VCT flooring and related base trim \ down to the existing slab; scrape, clean and prepare existing slab for new VCT flooring.</p>
A-13	

	<p>At the Prebid it was mentioned that the existing floor thickness, including the 2" mud bed is 6". Please confirm</p> <p>RESPONSE: Existing documentation indicates 4-in slab with 2-in mud bed tile topping. Actual conditions may vary.</p>
A-14	<p>There is a spec for a water stop. Is this to be used at the saw cuts for plumbing? Is there any rebar doweling required at the saw cuts?</p> <p>RESPONSE: The Hydrophilic Waterstop are to be used at the connections between the concrete slab and new unit masonry. Rebar is not required at the saw-cut/ patch concrete locations.</p>
A-15	<p>What is controlling the (7) new zone valves?</p> <p>RESPONSE: All zone valves are existing; Drawing M-201 has been amended to include clarification notes regarding the intended scope.</p>

B: REVISIONS PER DMAVA

ITEM NO.	ITEM REPORTED:
B-1	<p>REPLACEMENT FAUCET/ SINK: The Plumbing Fixture Schedule has been revised to replace the previously scheduled Bradley Wash-bar System (LAV-1) with LAV-1 (Sink), LAV-1* (Faucet) and Soap Dispenser (A); Refer to the Plumbing Fixture Schedule (P-100) and the Bathroom Accessory Schedule (A-500) for the updated Specification Information.</p> <p>Approximately ten (10) Dedicated GFCI Outlets have been removed from the scope. Please refer to the amended electrical drawings and panel schedule.</p> <p>Refer to Amended Drawings: A-500, P-100, P-500, P-600, E-201, E-300</p>
B-2	<p>BOOT WASH STATION: The plans have been updated to replace two Lavatories in the Men's Room with a Boot Wash Station.</p> <p>Refer to Amended Drawings: A-100, A-500 & A-801</p>

C: ATTACHEMENTS:

C-1	DMAVA- Contract and Bond Specification
C-2	DMAVA- Sewer Pump Specs/ Sheets
C-3	DMAVA- 1984 Sanitary Sewer / Water Main Plot Plan
C-4	DMAVA- Existing Roof Manufacturer Warranty
C-5	TJD A&E Revised Drawings: D-100, A-100, A-500, A-501, A-801, M-200, M-201, P-100, P-500, P-501, P-600, E-200, E-201 & E-300
C-6	Bidder's Acknowledgement Form: Addenda-1

END OF MINUTES.

CONTRACT AND BOND

ARTICLES

1. LEGAL JURISDICTION

- A. This CONTRACT shall be construed and governed in accordance with the Constitution and laws of the State of New Jersey. The State in entering into this CONTRACT does not waive its Sovereign Immunity, except as provided in the New Jersey Contractual Liability Act, NJSA 59:13-1 *et seq.*
- B. The rights or benefits provided the CONTRACTOR in this CONTRACT which exceed those provided under that Act and the obligations established under this CONTRACT which vary from those under the Act are contractual in nature and shall not be deemed to expand the waiver of Sovereign Immunity as set forth in that Act.

2. RELATIONSHIP OF THE FEDERAL GOVERNMENT (Federal Funded Contracts)

- A. This CONTRACT may be funded in part by the Federal Government.
- B. The Federal Government is not a party to this CONTRACT. As a condition to receiving and expending Federal funds, there are certain rights of Federal inspection, Federal approval or CONTRACT changes and modifications, and Federal approval of settlements or dispute actions that the Federal Government will exercise prior to authorization of Federal funds. Therefore, no inspection or acceptance, change, modification, settlement, dispute claim payment, or dispute action will be considered binding until the required federal approval is obtained.
- C. The Chief, National Guard Bureau or Secretary of the Veterans Administration, or his/her designated representative, is the approval authority. This paragraph does not abrogate any rights conferred on the Federal Government by law or other clause required due to the use of Federal funding.

3. APPROVAL (Federal - National Guard Bureau - Funding)

This CONTRACT and any subsequent terminations, modifications, or change orders (including those resulting from disputes and settlements of disputes) shall be subject to the written approval of the Chief, National Guard Bureau, or his duly authorized representative, and shall not be binding until so approved.

4. CONTRACT EXECUTION

- A. The CONTRACTOR shall have fifteen(15) calendar days to fully execute this CONTRACT. The fifteen (15) calendar days shall begin on the day the CONTRACTOR receives the CONTRACT from NJDMAVA.
- B. Execution of the CONTRACT shall include appropriate Performance and Payment Bonds, applicable insurance, signed CONTRACTs and all other forms, and signatures and notarization must be received within this time period. Shall the CONTRACTOR fail to execute the CONTRACT within this time frame, the CONTRACTOR shall be deemed in default of the bid bond. The CONTRACTING OFFICER shall then award the CONTRACT to the next lowest BIDDER and exercise any and all rights under the bid bond and the law to retrieve the difference in CONTRACT award.

- C. The CONTRACTING OFFICER, in his sole discretion and upon receipt of a written request from the CONTRACTOR no less than three (3) days prior to the expiration of the fifteen (15) day period established herein, may grant an extension of time for CONTRACT execution.

5. PERFORMANCE BOND AND PAYMENT BOND

- A. The BIDDER to whom the award is made shall furnish a Performance Bond in an amount at least equal to one hundred percent (100%) of the CONTRACT prices as security for the faithful performance of this CONTRACT and also a Payment Bond in an amount not less than one hundred percent (100%) of the CONTRACT price as security for the payment of all persons performing labor on the project under this CONTRACT and furnishing materials in connection with this CONTRACT.
- B. The Performance Bond and the Payment Bond shall be in separate instruments in accordance with local law. Before final acceptance each bond must be approved by the State and/or U.S. Government Agency of Office involved, when applicable, and shall be from a surety company authorized to do business in the State of New Jersey.
- C. It is recommended that the Performance Bond and Payment Bond provided herein be used to satisfy the requirements of the State. If a CONTRACTOR chooses to use his/her own bonds, then the language of the bond shall strictly conform to the sample enclosed in these General Conditions. Conditions that modify the intent of the State shall not be accepted.
- D. The respective CONTRACTORS shall pay for the cost of bonds.
- E. If at any time the State for justifiable cause, shall be or become dissatisfied with any Surety or Sureties then upon the Performance Bond or Payment Bond, the CONTRACTOR shall within five (5) calendar days after notice from the State so to do, substitute an acceptable bond(s) in such form and sum and signed by such other Surety or Sureties as may be satisfactory to the State. The CONTRACTOR shall pay the premiums on such bond. No further payments shall be deemed due nor shall be made to the CONTRACTOR until the new Surety or Sureties shall have furnished such an acceptable bond to the State.
- F. Date of Bond must not be prior to date of CONTRACT. Use:
 - (1) Correct name of CONTRACTOR
 - (2) A Corporation, a Partnership or an Individual as case may be.
 - (3) Correct name of Surety.
 - (4) If CONTRACTOR is Partnership, all partners shall execute bond.
- F. IMPORTANT NOTE: Surety Companies executing bonds on U.S. funded projects must appear on the U.S. Treasury Department's most current list (Circular 570) and be authorized to transact business in the State of New Jersey.

Combined Bonds: Combined performance and payment bonds shall not be accepted. The CONTRACTOR is to provide separate Performance and Payment Bonds with separate bond numbers.

PERFORMANCE BOND

KNOWN ALL MEN BY THESE PRESENTS:

That we, the undersigned _____ as principal and _____ as sureties,
are hereby held and firmly bound unto _____ in the penal sum of

_____ dollars (\$ _____) for the payment of which will and truly to be made, we

hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

"Signed this _____ day of _____ 20____."

"The condition of the above obligation is such that whereas, the above named principal did on the _____ day of _____ 20____, enter into a contract with _____ which said contract is made a part of this the bond the same as though set forth herein":

"Now, if the said Principal shall well and faithfully do and perform the things agreed by Owner to be done and performed according to the terms of said contract, and shall pay all lawful claims of subcontractors, materialmen, laborers, persons, firms or corporations for labor performed or materials, provisions, provender or other supplies or teams, fuels, oils, implements or machinery furnished, used or consumed in the carrying forward, performing or completing of said contract, we agreeing and assenting that this undertaking shall be for the benefit of any subcontractor, materialmen, laborer, person, firm or corporation having a just claim, as well as for the obligee herein; then this obligation shall be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as hereinstated."

"The said surety hereby stipulates and agrees that no modifications, omission or additions in or to the terms of the said contract or in or to the plans and specifications therefore shall in anywise affect the obligation of said surety on its bond."

Provide, further, that no final settlement between the Owner and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

This bond is given in compliance with the requirements of the statutes of the State of New Jersey in respect to bonds or Contractors on public works, Revised Statutes of New Jersey, 1937, Sections 2A:44-143-147 and amendments thereof.

IN WITNESS WHEREOF, this instrument is executed in six (6) counterparts, each one of which shall be deemed an original, this the _____ day of _____ 20____.

ATTEST:

_____	_____
(Principal) Secretary	Principal
	BY _____

	(Address)

(SEAL)

Witness as to Principal	

(Address)	

	Surety

ATTEST:

_____	BY _____
(Surety) Secretary	Attorney-in-Fact

	(Address)

Witness to Surety	

(Address)	

The Surety Company shall be one authorized to do business in New Jersey.

PAYMENT BOND

KNOWN ALL MEN BY THESE PRESENTS:

That we, the undersigned _____ as principal and _____ as sureties,
are hereby held and firmly bound unto _____ in the penal sum of
_____ dollars (\$ _____) for the payment of which will and truly to be made, we

Hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

"Signed this _____ day of _____ 20 ____."

"The condition of the above obligation is such that whereas, the above named principal did on the _____ day of
_____ 20 ___, enter into a contract with _____ which said contract is made a
part of this the bond the same as though set forth herein":

"Now, if the said Principal shall pay all lawful claims of subcontractors, materialman, laborers, persons, forms or other suppliers or teams, fuels, oils, implements or machinery furnished, used or consumed in the carrying forward, performing or completing of said contract, we agreeing and assenting that this undertaking shall be for the benefit of any CONTRACTOR, materialman, laborer, person, firm or corporation having a just claim, as well as for the obligee herein; then this obligation shall be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the surety for any and all claims hereunder shall in no event exceed the pen amount of this obligation as herein stated."

"The said surety hereby stipulates and agrees that no modifications, omission or additions in or to the terms of the said contract or in or to the plans and specifications therefore shall in anywise affect the obligation of said surety on its bond."

Provide, further, that no final settlement between the Owner and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

This bond is given in compliance with the requirements of the statutes of the State of New Jersey in respect to bonds or Contractors on public works, Revised Statutes of New Jersey, 1937, Sections 2A:44-143-147 and amendments thereof.

IN WITNESS WHEREOF, this instrument is executed in six (6) counterparts, each one of which shall be deemed an original, this the _____ day of _____ 20_____.

ATTEST:

Principal

BY _____

(Principal) Secretary

(Address)

(SEAL)

Witness as to Principal

(Address)

Surety

ATTEST:

BY _____

(Surety) Secretary

Attorney-in-Fact

(Address)

Witness to Surety

(Address)

The Surety Company shall be one authorized to do business in New Jersey.

6. INSURANCE

- A. The CONTRACTORS shall hold the State harmless for any loss or damage to tools, equipment, scaffolding, staging towers and forms, materials stored on site, sheds or other structures erected for use by CONTRACTOR and Subcontractors, if being understood that the CONTRACTOR will, at his/her own expense, carry all insurance which may be required to provide the necessary protection against such loss or damage, which insurance shall contain a waiver of any right or subrogation against the State (Owner).
- B. Three (3) certified copies of each insurance policy or certificate of such insurance shall be delivered to the OWNER prior to the commencement of the work and shall contain the provision that the insurance shall not be canceled except upon a minimum of thirty (30) calendar days prior to written notice to the State Of New Jersey Department of Military and Veterans Affairs, Attn.: CONTRACTING OFFICER.
- C. The CONTRACTOR shall not commence work under this CONTRACT until he/she have obtained all the insurance required under this paragraph and such insurance has been approved by the State, nor shall the CONTRACTOR allow any Subcontractor to commence work on his/her subcontract until the insurance required of the Subcontractor has been so obtained and approved. Insurance obligations include the following:

(1) COMPREHENSIVE GENERAL LIABILITY

Comprehensive General Liability insurance for the benefit of The CONTRACTOR and any Subcontractors is to be written as broad as the standard coverage form currently in use in the State of New Jersey, which shall not be circumscribed by any endorsements limiting the breadth of coverage. The policy shall include endorsements (broad form) for Contractual Liability and Completed Operations; and an endorsement, which will eliminate the explosion, collapse and underground exclusion. Limits of liability shall not be less than \$1,000,000 per occurrence for bodily injury liability and \$1,000,000 per occurrence for property damage liability, or as a combined single limit of \$2,000,000.

(2) COMPREHENSIVE AUTOMOBILE LIABILITY

Comprehensive Automobile liability insurance covering owned, non-owned and hired vehicles shall be covered by all CONTRACTORS. The limits of liability shall not be less than \$1,000,000 per occurrence for bodily injury liability and \$500,000 for property damage liability.

(3) WORKERS' COMPENSATION

Workers' compensation insurance applicable to the laws of the State of New Jersey and other State and Federal jurisdiction is required to protect the employees of the CONTRACTOR or any Subcontractor who will be engaged in the performance of the CONTRACT. The insurance shall include Employers Liability protection with a limit of liability of not less than \$500,000.

NOTE: THE FOLLOWING SHALL BE INCORPORATED FOR NEW CONSTRUCTION ONLY.

(4) BUILDERS' RISK

The State of New Jersey shall provide insurance protection for the benefit of the CONTRACTOR and Subcontractors in the form of a Builders' Risk Policy, providing all risk protection for the structure on which the work in this CONTRACT is to be done to 100% of the insurable value thereof, including items of labor and materials connected therewith, whether in or adjacent to the structure insured, and materials in place or to be used as part of the permanent construction including surplus materials.

This policy may contain a deductible clause. The State of New Jersey agrees to indemnify the CONTRACTOR against any insurable loss to the extent that such loss exceeds \$5,000 per occurrence. In these instances, the CONTRACTOR shall assume responsibility for the first \$5,000 of any loss.

(5) LOSS REPORTING AND LOSS ADJUSTMENT

In the event of loss, the CONTRACTOR shall immediately notify the State of New Jersey, Department of Military & Veterans Affairs, in writing, and take any other appropriate steps as may be required under the Builders' Risk policy in effect. Upon the occurrence of any loss or damage prior to the acceptance of the building by the State, the CONTRACTOR shall, at the State's option, replace and repair the damaged work as originally provided in the drawings and specifications at no additional compensation to that provided in the original CONTRACT.

All losses will be adjusted with, and payable to, the State of New Jersey, as trustee for the insured as his/her interests may appear. The CONTRACTOR shall be named jointly with the State in all policies of insurance, all of which shall be open to inspection, by the state.

The CONTRACTOR shall not include any cost for Builders' Risk insurance premiums as described herein. However, this provision shall not relieve the CONTRACTOR from his/her obligation to complete, according to plans and specifications, the project covered by the CONTRACT, and the CONTRACTOR and his/her surety shall be obligated to full performance of the CONTRACTOR'S undertaking.

7. ASSIGNMENTS

The CONTRACTOR shall not assign the whole or any part of this CONTRACT without written consent of the State. Money due or to become due the CONTRACTOR hereunder shall not be assigned for any purposes whatever.

8. COVENANT AGAINST CONTINGENT FEES

- A. The CONTRACTOR warrants that no person or selling agency has been employed or retained to solicit or secure this CONTRACT upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the CONTRACTOR for the purpose of securing business.
- B. For breach or violation of this warranty the State shall have the right to annul this CONTRACT without liability or in its discretion to deduct from the CONTRACT price or consideration the full amount of such commission, percentage, brokerage, or contingent fee.

9. PROJECT SCHEDULE

- A. This CONTRACTOR shall submit a PROJECT SCHEDULE in Critical Path Method (CPM) format, ten (10) calendar days from receipt of the Notice To Proceed and prior to starting any work or submitting any work related submittals.
- B. This project schedule shall be a valid working document and its accuracy maintained at all times. The project schedule shall be posted at the work site and updated when the CONTRACTING OFFICER or his/her representative approves major changes. The CONTRACTOR (s) and his/her subcontractors are required to follow the project schedule in the execution of the CONTRACT.
- C. These specifications may contain a project schedule (timeline) established by NJDMAVA. This project schedule identifies time frames for major tasks and the overall completion time frame of the project. This schedule is only used to inform the BIDDER of the expected completion of this project in a timely manner. Should a (all) CONTRACTOR(s) see any problems with these dates, then he/ she shall bring them to the attention of NJDMAVA prior to the bid date. Should a change be agreed upon, then a new project schedule shall be issued prior to the bid date. The major time frame of the schedule is all inclusive of any and all sub-tasks that shall be identified by the CONTRACTOR in his/her C.P.M. CONTRACTORS shall understand that this does not eliminate his/her responsibility to provide a detailed C.P.M. as outlined in the General Conditions of this document.

- D. This enclosed schedule shall not be resubmitted by the CONTRACTOR in lieu of producing his own detailed Critical Path Method (C.P.M.) format. The CONTRACTOR shall submit a C.P.M identifying greater detail of the tasks to be accomplished with special attention to those tasks that are critical and dependent upon the completion of other tasks/trades. The milestones for various stages of work shall be binding on all CONTRACTOR once the CONTRACT is executed.
- E. NJDMAVA may have the A/E or Construction Manager produce a detailed C.P.M. for complex projects. When this is done, this shall be used for project completion and the CONTRACTORS' C.P.M. shall be adjusted to coincide with it. Any additional costs associated with reducing time or adding labor to meet the deadlines established shall be at the expense of the CONTRACTOR(S).

10. AFFIRMATIVE ACTION

- A. The Department of Military & Veterans Affairs follows all laws established in N.J.S.A. 10.5-31 et seq., specially N.J.S.A. 10.5-36K Chapter 27, AFFIRMATIVE ACTION RULES. The CONTRACTOR shall become thoroughly familiar with all rules, regulations and forms associated with the State Law and execute the requirements of the same. The Affirmative Action rules shall be reviewed and followed. Subsequent pages shall identify the forms needed during the length of the CONTRACT. The CONTRACTOR can obtain extra forms from the State's Affirmative Action Office.
- B. Execution of this CONTRACT by the CONTRACTOR demonstrates his/her willingness to comply with these laws and regulations. It is understood that NJDMAVA shall not interpret these laws or rules or intercede on the CONTRACTOR'S behalf regarding these laws or rules. It shall be assumed that the CONTRACTOR is thoroughly knowledgeable of the rules and in compliance at all times of the same.

EXHIBIT A

P.L. 1975, C. 127 (N.J.A.C. 17:27) MANDATORY AFFIRMATIVE ACTION LANGUAGE

PROCUREMENT, PROFESSIONAL AND SERVICE CONTRACTS

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

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. The contractor will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to his/her age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause;

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

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

The contractor or subcontractor, where applicable, agrees to comply with the regulations promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to attempt in good faith to employ minority and female workers consistent with the applicable county employment goals prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time or in accordance with a binding determination of the applicable county employment goals determined by the Affirmative Action Office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time.

The contractor or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

The contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and conform with the applicable employment goals, consistent with the

statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor and its subcontractors shall furnish such reports or other documents to the Affirmative Action Office as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Affirmative Action Office for conducting a compliance investigation pursuant to Subchapter 10-of the Administrative Code (NJAC 17:27).

EXHIBIT B

P.L. 1975, C. 127 (N.J.A.C. 17:27) MANDATORY AFFIRMATIVE ACTION LANGUAGE CONSTRUCTION CONTRACTS

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

- a. The CONTRACTOR, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. The CONTRACTOR will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to his/her age, race, creed, color, national origin, ancestry, marital status or sex. Such action shall include, but not be limited to the following: employment, up-grading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause;
 - b. The CONTRACTOR or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation;
 - c. The CONTRACTOR or subcontractor, where applicable, will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer advising the labor union or workers, representative of the contractors commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants foremployment.
 - d. The CONTRACTOR or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time .
 - e. When hiring workers in each construction trade, the CONTRACTOR or subcontractor agrees to attempt in good faith to employ minority and female workers in each construction trade consistent with the applicable employment goal prescribed by N.J.A.C. 17:27-7.3; provided, however, that the Affirmative Action Office may, in its discretion, exempt a CONTRACTOR or subcontractor from compliance with the good faith procedures prescribed by the following provisions, A, B and C, as long as the Affirmative Action Office is satisfied that the CONTRACTOR is employing workers provided by a union which provides evidence, in accordance with standards prescribed by the Affirmative Action office, that its percentage of active "card carrying" members who are minority and female workers is equal to or greater than the applicable employment goal prescribed by N.J.A.C. 17:27-7.3, promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time. The CONTRACTOR or subcontractor agrees that a good faith, effort shall include compliance with the following procedures;
- (A) If the CONTRACTOR or subcontractor has a referral agreement or arrangement with a union for a construction trade, the CONTRACTOR or subcontractor shall, within three days of the contract award, seek assurances from the union that it will cooperate with the CONTRACTOR or subcontractor as it fulfills its affirmative action obligations under this contract and in accordance with the rules promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as supplemented and amended from time to time. If the CONTRACTOR or subcontractor is unable to obtain said assurances from the construction trade union at least five days prior to the commencement of construction work, the

minority and female workers consistent with the applicable employment goal. If the contractors or subcontractors prior experience with a construction trade union, regardless of whether the union has provided said assurances, CONTRACTOR or subcontractor agrees directly to attempt to hire indicates a significant possibility that the trade union will not refer sufficient minority and female workers consistent with the applicable employment goal, the CONTRACTOR or subcontractor agrees to be prepared to hire minority and female workers directly, consistent with the applicable employment goal ' by complying with the hiring procedures prescribed under (B) below; and the CONTRACTOR or subcontractor further agrees to immediately take said action if it determines or is so notified by the Affirmative Action Office that the union is not referring minority and female workers consistent with the applicable employment goal.

(B) If the hiring of a workforce consistent with the employment goal has not or cannot be achieved for each construction trade by adhering to the procedures of (b) above, or if the CONTRACTOR does not have a referral agreement or arrangement with a union for a construction trade, the CONTRACTOR or subcontractor agrees to take the following actions consistent with the applicable county employment goals:

(1) To notify the Public Agency Compliance Officer, Affirmative Action Office, and at least one approved minority referral organization of its manpower needs, and request referral of minority and female workers;

(2) To notify any minority and female workers who have been listed as awaiting available vacancies;

(3) Prior to commencement of work, to request the local construction trade union, if the CONTRACTOR or subcontractor has a referral agreement or arrangement with a union for the construction trade, to refer minority and female workers to fill job openings;

(4) To leave standing requests for additional referral to minority and female workers with the local construction trade union, if the CONTRACTOR or subcontractor has a referral agreement or arrangement with a union for the construction trade, the State Training and Employment Service and other approved referral sources in the area until such time as the workforce is consistent with the employment goal;

(5) If it is necessary to lay off some of the workers in a given trade on the construction site, to assure, consistent with the applicable State and Federal statutes and court decisions, that sufficient minority and female employees remain on the site consistent with the employment goal; and to employ any minority and female workers so laid off by the CONTRACTOR on any other construction site in the area on which its workforce composition is not consistent with an employment goal established pursuant to rules implementing P.L. 1975, c. 127;

(6) To adhere to the following procedure when minority and female workers apply or are referred to the CONTRACTOR or subcontractor:

(i) If said individuals have never previously received any document or certification signifying a level of qualification lower than that required, the CONTRACTOR or subcontractor shall determine the qualifications of such individuals and if the contractors or subcontractors workforce in each construction trade is not consistent with the applicable employment goal, it shall employ such persons which satisfy appropriate qualification standards; provided however, that a CONTRACTOR or subcontractor shall determine that the individual at least possesses the skills and experience recognized by any worker's skills and experience classification determination which may have been made by a Public Agency Compliance Officer, union, apprentice program or a referral agency, provided the referral agency is acceptable to the Affirmative Action Office and provided further, that, if necessary, the CONTRACTOR or subcontractor shall hire minority and female workers who qualify as trainees pursuant to these regulations. All of the requirements of this paragraph, however, are limited by the provisions of (C) below.

(ii) If the contractors or subcontractor's work force is consistent with the applicable employment goal, the name of said female or minority group individual shall be maintained on a waiting list for the first consideration, in the event the contractors or subcontractors workforce is no longer consistent with the applicable employment goal.

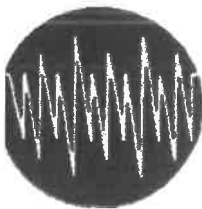
(iii) If, for any reason, said CONTRACTOR or subcontractor determines that a minority individual or a female is not qualified or if the individual qualifies as an advanced trainee or apprentice, the CONTRACTOR or subcontractor shall inform the individual in writing with the reasons for the determination, maintain a copy in its files, and send a copy to the Public Agency Compliance Officer and to the Affirmative Action Office.

(7) To keep a complete and accurate record of all requests made for the referral of workers in any trade covered by the contract and on forms made available by the Affirmative Action Office and shall be submitted promptly to that office upon request.

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

(D) The CONTRACTOR agrees to complete an Initial Project Manning Report on forms provided by the Affirmative Action Office or in the form prescribed by the Affirmative Action Office and submit a copy of said form no later than 3 days after signing a construction contract; provided, however, that the public agency may extend in a particular case the allowable time for submitting the form to no more than 14 days; and to submit a copy of the Monthly Project Manning Report once a month (by the seventh work day of each month) thereafter for the duration of this contract to the Affirmative Action Office and to the Public Agency Compliance Officer. The CONTRACTOR agrees to cooperate with the public agency in the payment of budgeted funds, as is necessary, for on-the-job and off-the-job programs for outreach and training of minority and female trainees employed on the construction projects.

(E) The CONTRACTOR and its subcontractors shall furnish such reports or other documents to the Affirmative Action Office as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the affirmative action office for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code (NJAC 17:27).



PROPOSAL

Marlee Contractors L.L.C.

Mechanical & Electrical Maintenance Contractors
HVAC & Refrigeration, Electrical Repair & Maintenance

364 S. Egg Harbor Rd.
Hammononton, NJ 08037
Phone #: 609.704.9040 Fax #: 609.704.9448

Proposal To:
NJ Dept of Military & Veterans
Affairs
103 Eggerts Crossing Road
Lawrenceville NJ 08648

Service Location:
Cape May Armory
600 Garden State Parkway

Quote Number:
13610
PO#:

Work Order Id:

Cape May Court House NJ 08210-1699

CAPE MAY ARMORY
STORE: NJDMVA

Date:
01/29/2021
Submitted By:
BOB

I hereby certify that I have the authority to order the work and approve all conditions, specifications, pricing and terms as specified. This proposal will expire in sixty (60) days.

PROVIDE LABOR AND MATERIALS NEEDED TO REPLACE EXSITING SEWER PUMP WITH NEW SEWER EJECTOR PUMP. PIPE NEW PUMP INTO EXSITING LINES. MODIFY CONTROL PANEL TO OPERATE NEW PUMP.

UN#SERVICE - HVAC 0000 M# S# 0.00-

32.00	HVAC REGULAR LABOR
1.00	ZOLLER 4 INCH SEWAGE PUMP
1.00	MOTOR STARTER
2.00	6 INCH SCH 80 PIPE FLANGE
2.00	6X4 SCH 80 REDUCING BUSHING
2.00	6 INCH SCH 80 SERVICE 90
2.00	6 INCH SCH 80 90
20.00	6 INCH SCH 80 PIPE

Initial: _____

Total _____

All materials will remain the property of Marlee Contractors until all invoices pertaining to this job are paid in full. Unpaid invoices subject to interest charges of two (2%) per month and all collection fees, including attorney fees.

Accepted By: _____

PO#: _____

Date: _____

5329

Your Peace of Mind is Our Top Priority®

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.



PUMP COMPANY

Zoeller Family of Water Solutions®

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347
SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961
(502) 778-2731 • 1 (800) 928-PUMP • FAX (502) 774-3624

SECTION: 2.30.060

FM0902

0713

Supersedes

0510

visit our web site:
www.zoeller.com

COMPARE THESE FEATURES:

- Casting: all cast iron class 25-30 25000# tensile strength
- Motor: 2HP (404), 3HP (405)-60Hz, 1725RPM oil-filled, hermetically-sealed, automatic reset thermal overload protected (1 PH)
- Upper and lower ball bearing running in bath of oil.
- UL listed cord: 20 ft., 3-wire neoprene cord and plug
Longer cords available in lengths of 25-35-50 feet
- Impeller: non-clogging vortex
- Mechanical shaft seal: carbon and ceramic rotary face seal, with stainless steel wetted parts
- Hardware: stainless steel screws, bolts, washers, lifting bracket
- Square ring and gasket: Neoprene
- Temperature to 130°F (54°C), 120°F (49°C) for WD405
- Variable level controls available
- 4" horizontal flanged discharge - standard ANSI flange
- Passes 3" spherical solids
- Corrosion-resistant powder coated epoxy finish

MODEL 4404/4405 DOUBLE SEAL PUMPS (nonauto)

- Protects motor from seal leaks
- Improved seal lubrication
- Helps eliminate seal and bearing damage from dry runs.
- Major width 16 1/8". Height 27 1/2"

APPLICATIONS

- High-capacity water removal, parking lots, low flood areas, water transfer.
- To meet 3" intake, 4" discharge code requirements on some sewage applications
- Retrofit on existing sewage installations
- New installations

GUIDE RAIL SYSTEMS

- 4" pipe flange fittings
- P/N 39-0016

Includes:

1. Cast iron discharge elbow
2. Stainless steel lower guides
3. Cast iron mounting plate
4. Stainless steel upper guide rail bracket
5. Optional intermediate stabilizer for systems over 15' deep
P/N 39-0013 carbon steel
P/N 39-0014 stainless steel
6. Stainless steel guide brackets for pump mounting plate
7. Buna-N gasket for mounting plate
8. Stainless steel bolts and lock washers

Featuring:

- Automatic engagement
- Easy disengagement
- Class 30 cast iron fittings

404 - 405 Single Seal Series
4404 - 4405 Double Seal Series
(For Pump Prefix Identification see News & Views 0052)

"WASTE-MATE"

SUBMERSIBLE

SEWAGE

OR DEWATERING PUMP



**SINGLE
SEAL
PUMP**



**POWDER
COATED
TOUGH™**

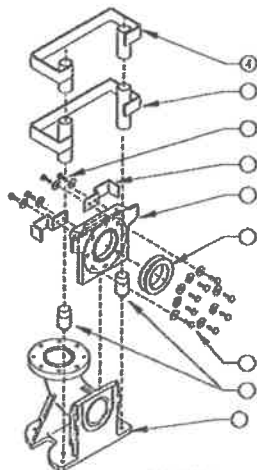
CSA
C US
(Tested to UL778 and
CSA22.2 103 Standards)

**DOUBLE
SEAL
PUMP**



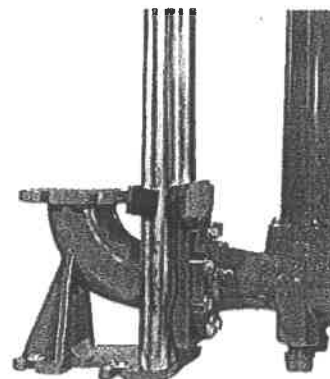
MODELS AVAILABLE

- Automatic with float switch (WD models only)
- Nonautomatic



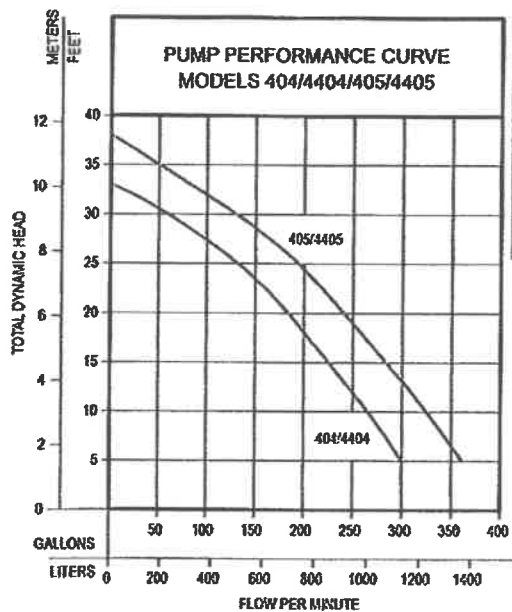
Uses 2" I.P.S. guide rails
and pull cable or chain
(not furnished)

ZEPA0119A



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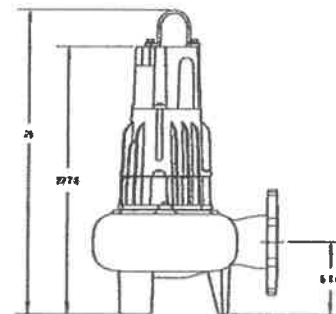
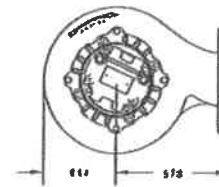
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MODEL		404/4404		405/4405	
Feet	Meters	Gal.	Liters	Gal.	Liters
5	1.5	300	1136	351	1367
10	3.0	265	1003	326	1234
15	4.8	224	848	284	1075
20	6.1	184	698	241	912
25	7.6	134	503	197	746
30	9.1	60	227	134	507
35	10.7	--	--	50	189
Shut-Off Head:		33 ft (10.1m)		38 ft (11.6m)	

012116

Single Seal Design
Weight 136 lbs.



551746

CONSULT FACTORY FOR SPECIAL APPLICATIONS

- Three-phase pumps available in 200V, 230V, 460V, or 575V
- Electrical alternators, for duplex systems
- Mechanical alternators, for *duplex systems
- Simplex control panels are available.
- Variable level float switches are available for controlling single and three-phase systems included with WD405 model pumps.
- Double piggyback float switches are available for variable level long cycle controls.
- Long cords available in lengths of 25-35-50 feet
- Simplex and duplex basins are available.

* with or without high-water alarm function

Standard Models

404/4404 Series - 20 ft. cord - 2 HP						Control Selection		Listing	
Single Seal	Double Seal	Volts	PH	Mode	Amps	Simplex	Duplex	CSA	UL
E404	E4404	230	1	Nonautomatic	12.9	1 or 2	3	Y	N
**WD404	**WD4404	230	1	Automatic	12.9	**	--	Y	N
*H404	*H4404	200	1	Nonautomatic	14.4	2	3	Y	N
*J404	*J4404	200	3	Nonautomatic	13.8	2	3	Y	N
*F404	*F4404	230	3	Nonautomatic	10.5	2	3	Y	N
*G404	*G4404	460	3	Nonautomatic	5.2	2	3	Y	N
*BA404	*BA4404	575	3	Nonautomatic	4.1	2	3	Y	N

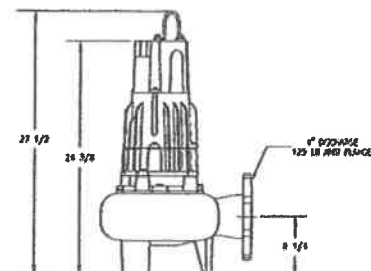
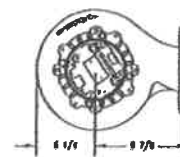
405/4405 Series - 20 ft. cord - 3 HP						Control Selection		Listing	
Single Seal	Double Seal	Volts	PH	Mode	Amps	Simplex	Duplex	CSA	UL
E405	E4405	230	1	Nonautomatic	19.0	1 or 2	3	Y	N
**WD405	**WD4405	230	1	Automatic	19.0	**	--	Y	N
*H405	*H4405	200	1	Nonautomatic	20.2	2	3	Y	N
*J405	*J4405	200	3	Nonautomatic	14.8	2	3	Y	N
*F405	*F4405	230	3	Nonautomatic	12.2	2	3	Y	N
*G405	*G4405	460	3	Nonautomatic	6.1	2	3	Y	N
*BA405	*BA4405	575	3	Nonautomatic	4.8	2	3	Y	N

* No molded plug.

** Includes variable level float switch.

For information on additional Zoeller products refer to catalog on Simplex controls, FM1596; Piggyback Variable Level Switches, FM0477; Electrical Alternator, FM0486; Mechanical Alternator, FM0495; Alarm Package, FM0513; Sump/Sewage Basins, FM0487; and Simplex Control Box, FM0732; Rail Systems, FM0767; and Junction Boxes, FM1597.

Double Seal Design
Weight 143 lbs.



551747

SELECTION GUIDE:

1. For automatic use single piggyback variable level float switch or double piggyback variable level float switch. Refer to FM0477.
2. See FM1228 for correct model of simplex control panel.
3. See FM0712 for correct model of duplex control panel.

20 amp outlet 10-0060, must be used with Model E405/4405 and WD405/4405.

CAUTION

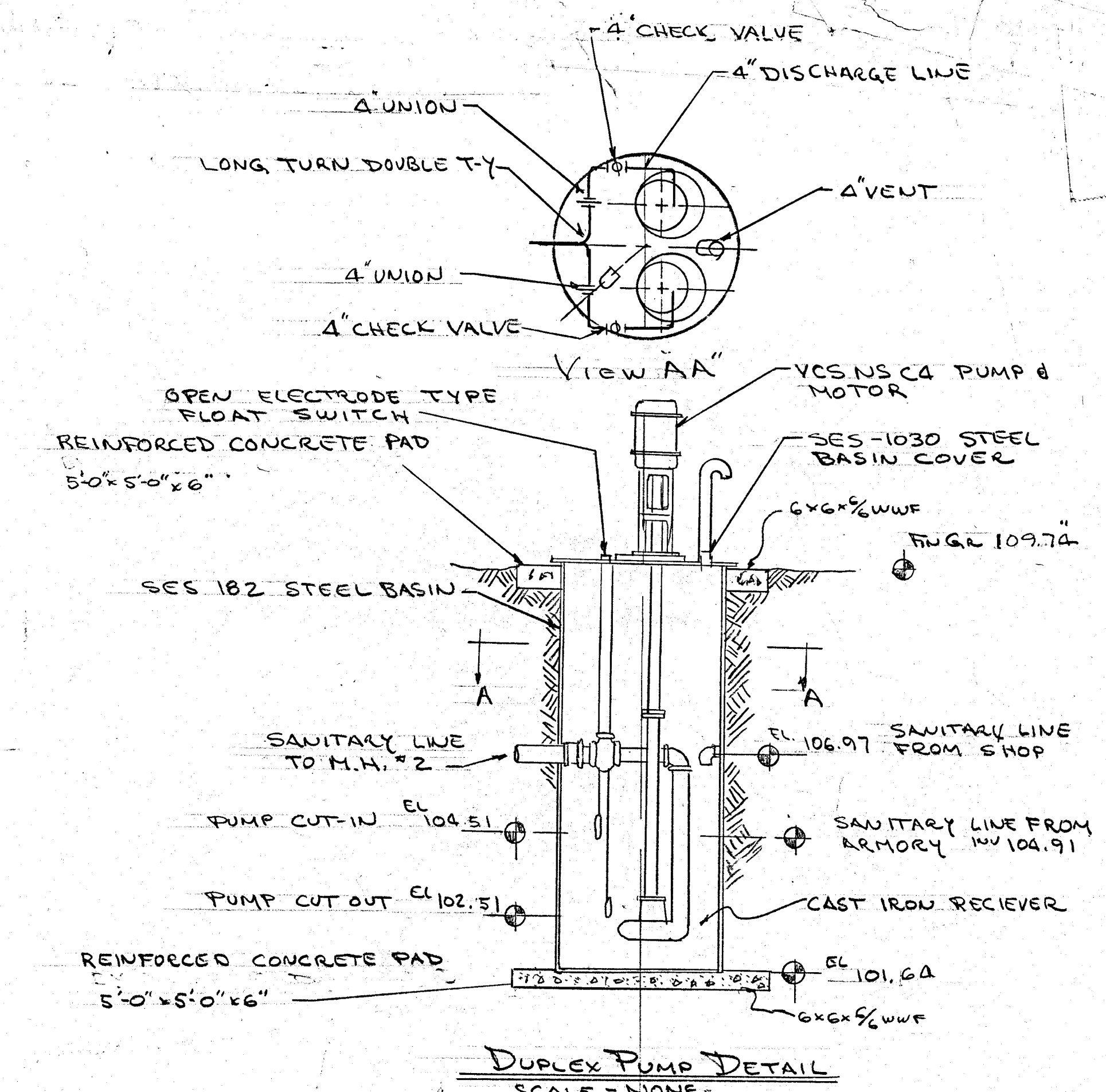
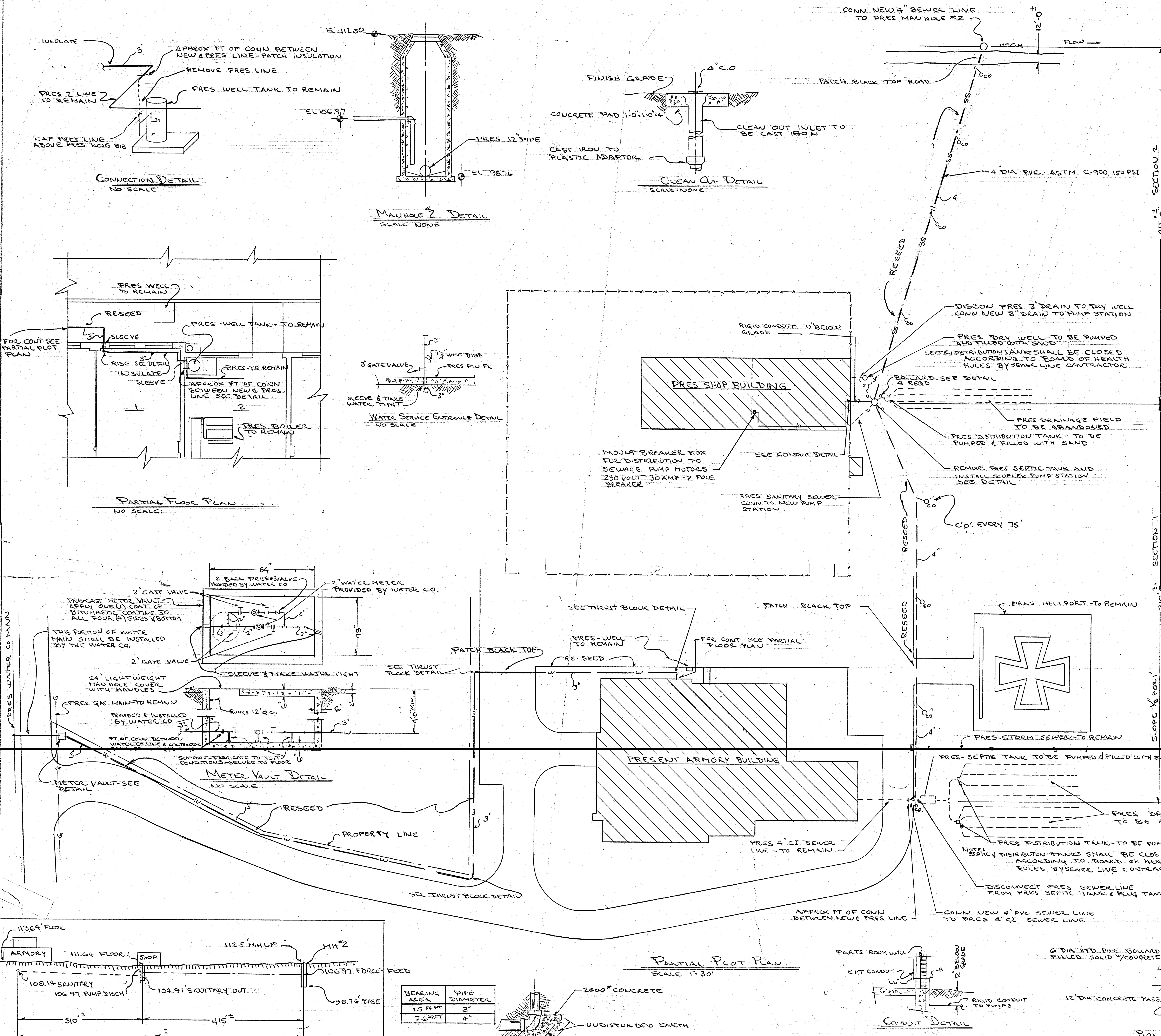
All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).

RESERVE POWERED DESIGN

For unusual conditions a reserve safety factor is engineered into the design of every Zoeller pump.

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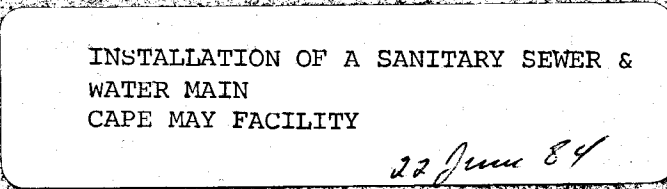
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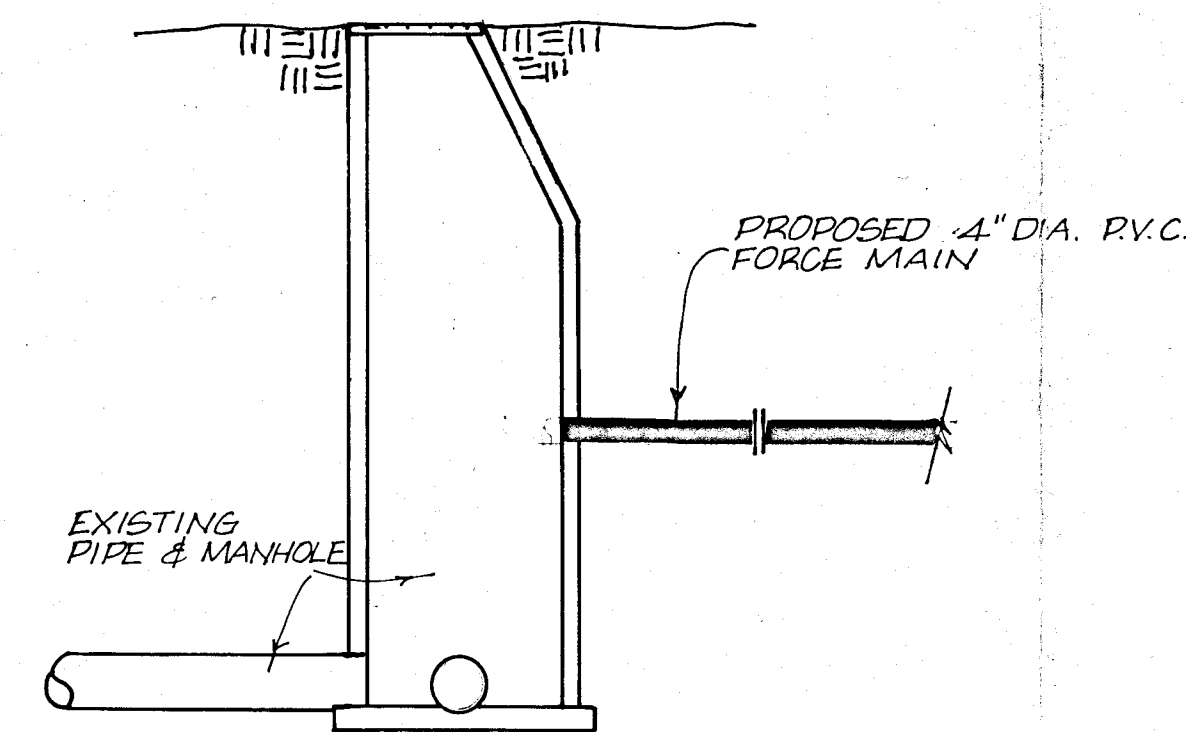
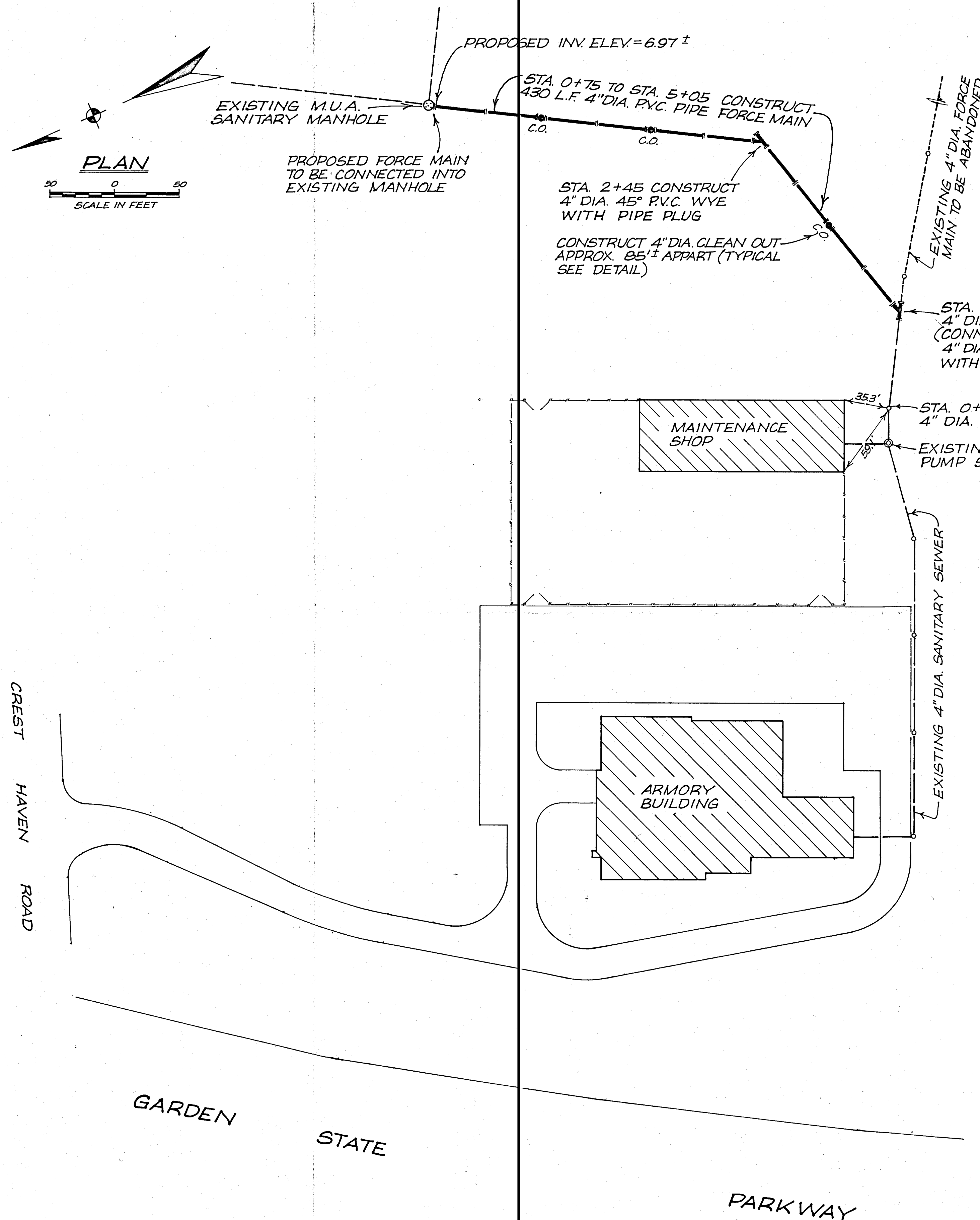


- LEGEND**
- SS— SANITARY SEWER (PUMPED LINE)
 - MSSM— MUNICIPAL SANITARY SEWER MAIN
 - S— STORM SEWER
 - PRES PRESENT
 - PT POINT
 - CONN CONNECTION
 - CO CLEAN OUT
 - M.H. MAN HOLE
 - DISCON DISCONNECT
 - AB ABOVE
 - FIN FINISH
 - GR GRADE
 - U— UNION
 - H— CHECK VALVE
 - W— WATER LINE
 - #— ROOM NUMBER
 - C.I.— CONDUIT
 - C.I.— CAST IRON
 - S.S.— SANITARY SEWER (GRAVITY)
- NOTES**
- 1 CLEANOUTS SHALL FINISH AT FINISH GRADE. PROVIDE CONCRETE PAD, INLET PIPE SHALL BE CAST IRON
 - 2 RESEED ALL DISTURBED GRASS AREAS
 - 3 PATCH ALL DISTURBED BLACKTOP AREAS
 - 4 PRESENT SEPTIC SYSTEM TO BE PROPERLY CLOSED
 - 5 CARE MUST BE TAKEN NOT TO DISTURB OTHER UTILITIES
 - 6 REPLACE ANY CONCRETE CURBING DISTURBED BY THIS WORK
 - 7 ALL GRADES AND INVERTS SHOWN ARE APPROX. & SHALL BE VERIFIED AT SITE.
 - 8 COUNTY ROAD & SEWER DEPT SHALL BE NOTIFIED PRIOR TO STREET EXCAVATION
 - 9 4" SANITARY SEWER SHALL BE PVC PLASTIC PIPE
 - 10 3" WATER PIPING SHALL BE PVC PLASTIC PIPE
 - 11 FITTINGS ON FORCED PUMPED SEWER SHALL BE DUCTILE IRON
 - 12 PROVIDE (A) 6" DIA CONCRETE FILLED BOLLARDS AROUND PUMPS

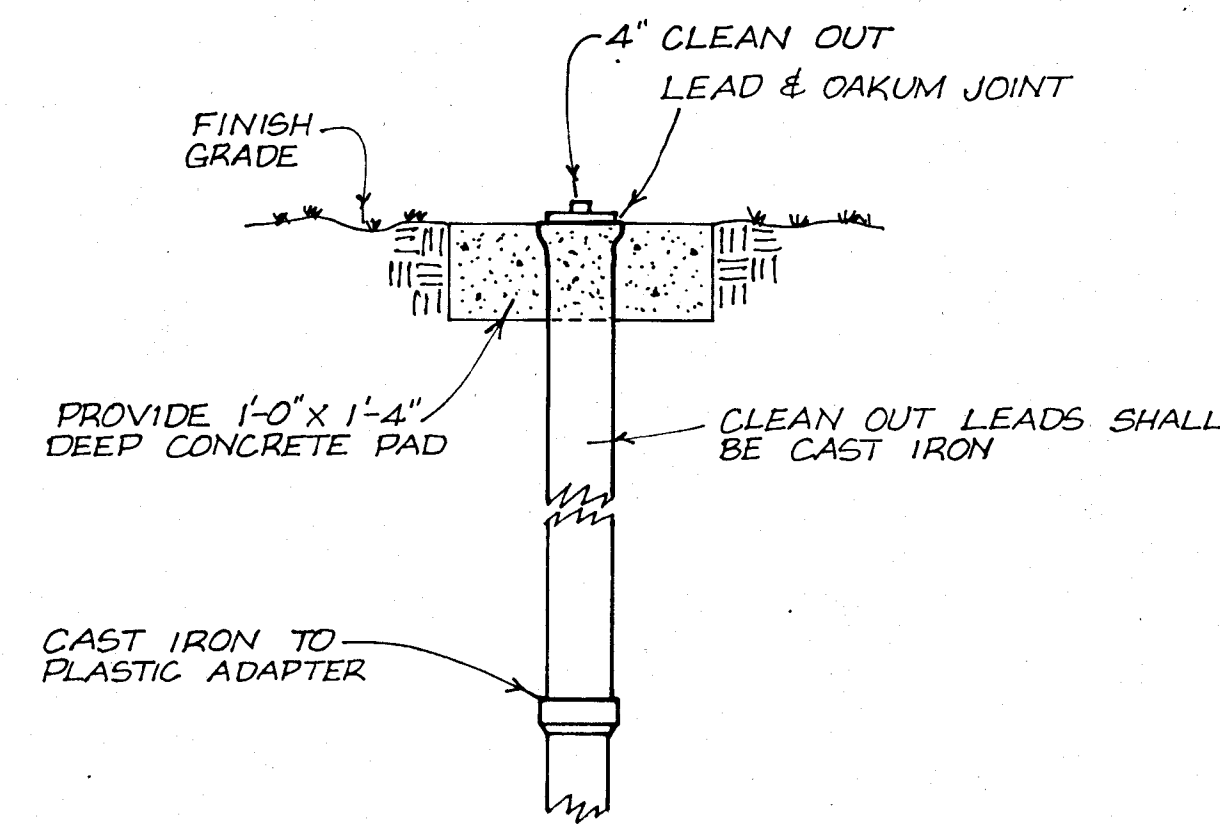
Contractor must obtain and verify all measurements, dimensions and conditions at the job and assume full responsibility for the proper erection operation and fit of this work

NO. DATE DESCRIPTION REVISIONS SHEET TITLE PARTIAL PLOT PLAN FLOOR PLAN & DETAILS	PROJECT TITLE INSTALLATION OF A SANITARY SEWER-WATER MAIN NEW JERSEY NATIONAL GUARD FACILITY GARDEN STATE PARKWAY CAPE MAY NEW JERSEY	DEPARTMENT OF DEFENSE STATE OF NEW JERSEY ENGINEERING BUREAU EGERT CROSSING ROAD-TRENTON, N.J. 08645 BOX 08040	SCALE: AS SHOWN DATE: MAY 1984 DRAWN BY: TSS CHECKED BY: APPROVED BY: DRAWING NO. 1 SHEET 1 OF 1
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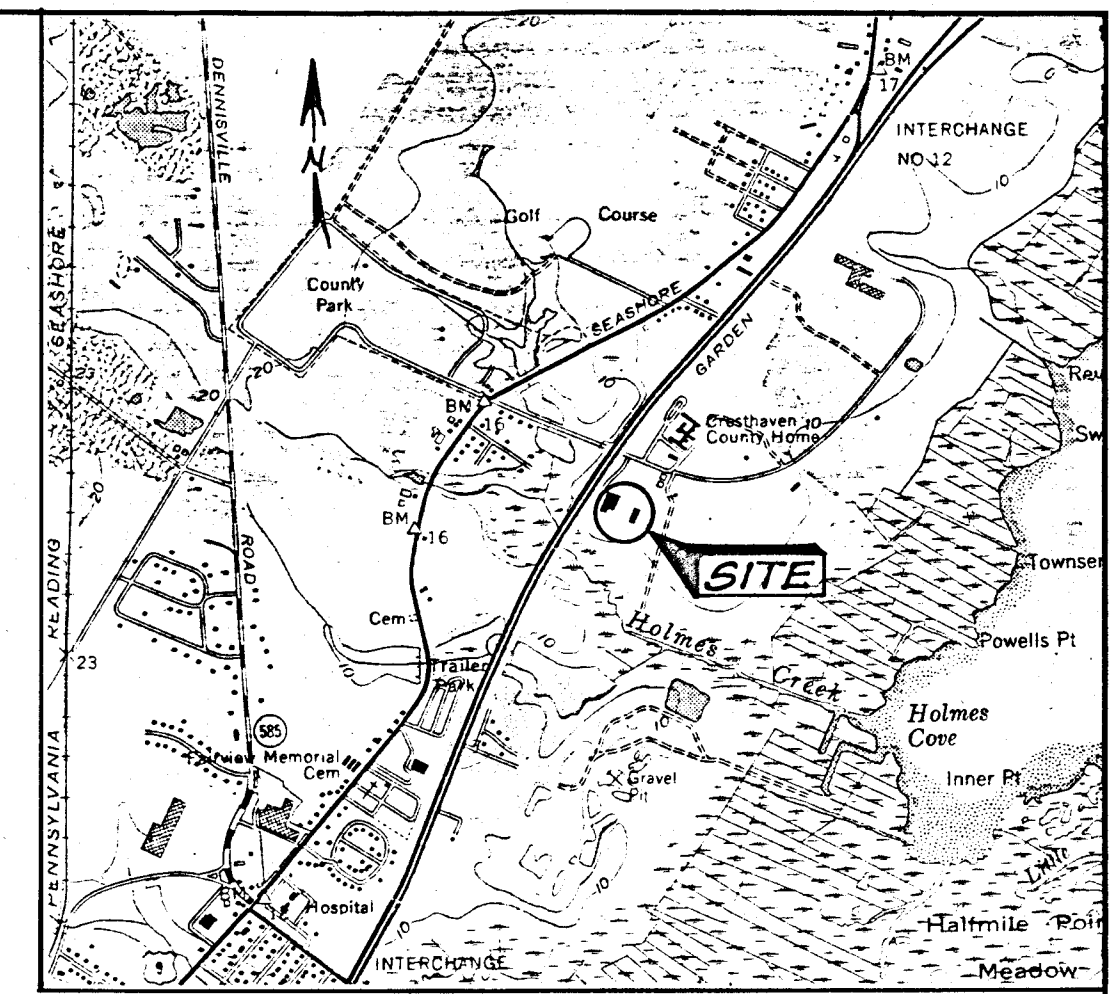




MANHOLE DETAIL



CLEANOUT DETAIL



COUNTY OF CAPE MAY



JOB: PROPOSED RELOCATION OF EXISTING
SANITARY SEWER FORCE MAIN @
"NATIONAL GUARD ARMORY"

MIDDLE TOWNSHIP, CAPE MAY COUNTY NEW JERSEY
DRAWN: *R/B* DATE: SCALE: AS SHOWN SHEET OF

OFFICE OF THE COUNTY ENGINEER

APPROVED: *NEIL O. CLARKE* DATE: 5/13/87
N.J. P.E. & L.S. LICENSE NUMBER 13857

NEIL O. CLARKE COUNTY ENGINEER

REVISION	BY	CHK'D	DATE

CAPE MAY ARMORY ROOF

Merchant & Evans, Inc.

**WARRANTY #2009-88
ZIP-RIB GUARANTEE**

PROJECT: NJNG Armory Cape May OWNER: NJ Dept. Military & Veterans Affairs

Merchant & Evans, Inc. a Corporation of the State of New Jersey, guarantees to the above-named owner, that when Zip-Rib is installed in accordance with current Merchant & Evans approved specifications; to include a minimum of 1/4" slope, Merchant & Evans will pay all necessary costs of repair of Zip-Rib, to stop any leaks which occur during the 30 year period, from the date of project completion.

Merchant & Evans warrants that the Galvalume will not rupture, perforate, or fail structurally for a 20-year period under normal atmospheric conditions.

Merchant & Evans also warrants that the fluorocarbon finish will not chip, peel, flake, or blister for a 20 year period from the date of completion. This warranty does not extend to normal fading, chalking or weathering, which will occur naturally during the aging process.

MANUFACTURER RESPONSIBILITIES

In the event Zip-Rib fails to meet the above standards, Merchant & Evans, Inc. at their own expense, will make repairs to the Zip-Rib to perform as warranted. The total labor and materials to Merchant & Evans, for the life of this warranty, shall be limited to the cost of the original materials on this project.

Merchant & Evans, Inc. will also:

- A. At the Owner's request, provide a Technical Representative to meet with the Owner's Representative to answer concerns and provide answers regarding Zip-Rib.
- B. Assist the Owner in the approved design and installation of any needed repairs, changes, modifications, or additions to the Zip-Rib.
- C. Recommend to the Owner, if necessary, a Zip-Rib authorized roofing contractor.

The costs of removal or replacement of walkways or other structural appendages built over the roof's surface shall be borne by the owner.

APPLICABILITY OF GUARANTEE

This guarantee is valid when the Zip-Rib is applied by a Merchant & Evans approved contractor according to approved Merchant & Evans specifications. All repairs must be authorized in advance by Merchant & Evans. This guarantee is not assignable directly or indirectly.

This guarantee shall not be applicable if, in the judgement of Merchant & Evans, Inc. the following occur:

- A. The roof system is damaged by acts of negligence, misuse, or accidents including, but not limited to, use of roof for other than waterproofing the building, vandalism, or acts of war.
- B. The roof is damaged by natural disasters including, but not limited to, floods, lightning, hail, earthquakes, wind damage, acts of God, etc.
- C. Slight crazing on normal roll-forming or brake bending and/or cracking in the case of aluminum or spangle cracking of the zinc/alum layer in the case of galvalume steel.
- D. The roof system is damaged by structural movement or failure or movement of any material underlying the roof system or base flashing.
- E. Damage to coating caused by improper storage or handling, physical damage, moisture, scratches or abrasion.
- F. Damage to the roof system resulting from:
 - 1. Infiltration or condensation of moisture in, through, or around walls, copings, or surrounding areas.
 - 2. Lack of positive drainage.

3. Deterioration, or movement of metal, not supplied by Merchant & Evans adjacent or connected to Zip-Rib.
4. Marine (salt water) atmosphere, exposure to chemicals or other harmful substances, improper cleaning or excessive foot traffic.
5. Exposure to metallic contact with or water run-off from, lead or copper flashings, conduits, or any other incompatible source.
6. Exposure to direct contact with green, wet or pressure-treated lumber using a salt-borne preservative, or wet storage stain due to water or condensation.
7. Failure of the Owner to remove collected organic or inorganic debris or to keep vegetation cut back from any direct contact with the roof.
8. Roll-forming or metal breaking done on site by the contractor that causes severe reverse bending, abrasion, or any bending greater than "2T" as defined by ASTM D-42 45-83. (NCCAI-19).
9. Defects or failure of this underlying material used as a back supplied by others, to which the roof is applied.
10. Acts of parties other than manufacturer or authorized roofing contractor.

Merchant & Evans assumes no responsibility for damage to the structure or its contents or any other consequential damages. Merchant & Evans' sole responsibility is the cost of repair of Zip-Rib.

OWNER RESPONSIBILITIES

In the event of a leak in Zip-Rib or any other claim, the owner should notify Merchant & Evans, Burlington, NJ in writing within 30 days of occurrence. The owner must also notify Merchant & Evans of any proposed modification, repair or addition, on or through Zip-Rib occurring after the completion date on this guarantee and approved by Merchant & Evans.

RENEWAL OF GUARANTEE

Owner must request a renewal every 5 years of this guarantee at any time between the sixth and tenth month of the fifth year of this guarantee duration. Upon receipt of such request, Merchant & Evans will provide an inspection of the roof by one of its Technical Personnel, to determine whether repairs are required to make the system eligible for the additional five year extension of the guarantee, submitting a detailed inspection report to owner, outlining the nature and extent of such required repairs. After owner has caused any required repairs to be made (at its expense and by a contractor approved by Merchant & Evans) and notifies Merchant & Evans in writing of its desire for guarantee renewal, no later than 60 days prior to the expiration date. Merchant & Evans will then provide a re-inspection of Zip-Rib's acceptability for a 5 year guarantee renewal. The guarantee will then be extended for an additional 5-year period from the expiration date. The cost of the inspection will be paid by the building owner at the rate of \$250.00 per day plus travel expenses.

ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED FROM THE SALE OF PRODUCTS COVERED BY THIS GUARANTEE.

This guarantee becomes effective only upon full payment of all invoices for installation of Zip-Rib.

MERCHANT & EVANS, INC.

308 CONNECTICUT DRIVE, BURLINGTON, NJ 08016

By: _____

Title: Engineering Manager

Date: November 5, 2009


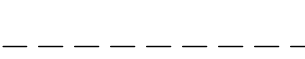
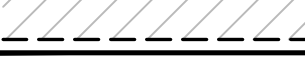
Guarantee Acceptance:

The Owner hereby accepts and agrees to the terms and conditions set forth in this guarantee:

Signed By: _____

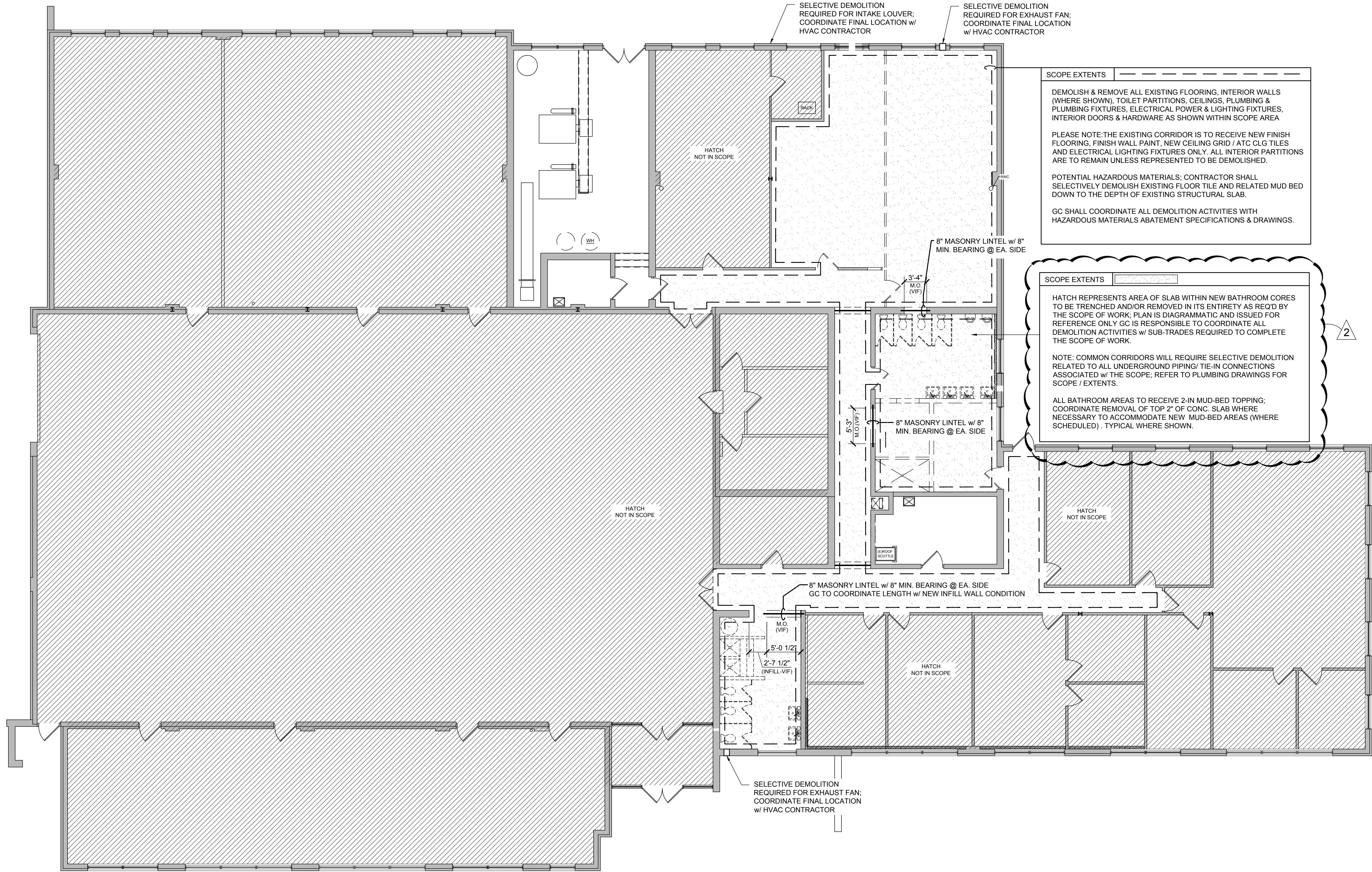
Owner: NJ Dept. Military and Veterans Affairs; CN340 Eggerts
Crossing Road, Trenton, NJ 08625

Date: 3 Dec 09

HATCH KEY	
	EXISTING WALLS TO REMAIN
	EXISTING WALLS TO BE DEMOLISHED
	NEW TEMPORARY WALLS

- GENERAL NOTES:**
- A. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ALL WASTE REMOVAL & CONTAINERS (DUMPSTERS) THROUGHOUT THE CONSTRUCTION PERIOD. ASSIGNED DEMOLITION OF SUB-TRADE WORK DOES NOT REMOVE FINAL RESPONSIBILITY FROM THE G.C.
- B. ALL MATERIALS SHOWN/ SCHEDULED FOR DEMOLITION SHALL BE REMOVED & DISPOSED OF IN A LEGAL MANNER BY THE G.C.
- C. THE GENERAL CONTRACTOR IS RESPONSIBLE TO PLACE TEMPORARY BARRICADES AND/OR PARTITIONS WHERE DESIGNATED ON PLAN OR AS REQUIRED TO COMPLETE SCOPE OF WORK.
- D. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF A CLEAN WORK SITE THROUGHOUT THE CONSTRUCTION PERIOD. THE PERIMETER GROUNDS SHALL BE MAINTAINED FREE OF DEBRIS AND ATTRACTIVE NUISANCES THROUGHOUT CONSTRUCTION PHASE.
- E. THE PROJECT SITE SHALL BE IN COMPLIANCE WITH ALL CURRENT LOCAL LAWS IN ORDER TO PERMIT DEMOLITION IN ACCORDANCE WITH THIS PLAN.
- F. G.C. IS RESPONSIBLE FOR DESIGN & IMPLEMENTATION OF ALL TEMPORARY SHORING REQUIRED TO COMPLETE WORK AS INDICATED ON DOCUMENTS.
- G. DISRUPTED FIREPROOFING OF BUILDING STRUCTURAL MEMBERS AND/OR ANY DISRUPTED FIRE-STOPPING WITHIN DEMISING WALLS, FLOORS & CEILINGS SHALL BE SUPPLEMENTED AFTER DEMOLITION IN ACCORDANCE w/ ALL CURRENT APPLICABLE BUILDING CODES OR AS INDICATED ON PLANS.
- H. GENERAL CONTRACTOR TO REMOVE ALL WIRING & CABLING FROM DEMOLISHED PARTITIONS AND CEILING PLENUMS. CIRCUITS NO LONGER IN USE ARE TO BE REMOVED BACK TO THE CIRCUIT PANEL. DATA CABLE NO LONGER PART OF THE BUILDING SYSTEM IS TO BE REMOVED BACK TO DATA CLOSET. TELEPHONE CABLING NO LONGER ACTIVE TO BE REMOVED BACK TO THE PUNCH-DOWN BLOCKS.
- I. EXISTING FIRE DETECTION & SPRINKLERS TO REMAIN DURING DEMOLITION & CONSTRUCTION PHASES. SPRINKLER HEADS ARE TO BE ADJUSTED AS REQUIRED BY BUILDING FIRE CODE BASED ON THE NEW DESIGN.
- J. CONTRACTOR SHALL PAY FOR AN OBTAIN ANY & ALL NECESSARY BUILDING PERMITS
- K. IT IS THE CONTRACTORS RESPONSIBILITY TO INSPECT & ASSESS THE EXISTING CONDITIONS. CONTRACTOR TO PROVIDE TEMPORARY PROTECTION THROUGHOUT THE CONSTRUCTION PROCESS.
- L. ALL EXISTING WORK TO BE REMOVED SHALL BE IN ACCORDANCE WITH THE DOCUMENTS. THE CONTRACTOR IS TO NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DOCUMENTS & FIELD CONDITIONS. CONTRACTOR TO NOTIFY ARCHITECT OF ANY CONCEALED OR HIDDEN CONDITIONS.
- M. ALL BUILDING SYSTEMS MUST BE PROPERLY TERMINATED, CAPPED OR REMOVED. ALL LIFE SAFETY SYSTEMS ARE TO REMAIN ACTIVE & THE SPACE IS TO BE LEFT IN SAFE CONDITIONS.
- N. ALL FLOOR OPENINGS, HAZARDS, AND UNSAFE CONDITIONS ARE TO BE PROTECTED.
- O. ALL DEMOLITION WORK ADJACENT TO REMAINING CONSTRUCTION MUST BE KEPT IN A WORKMAN-LIKE MANNER IN PREPARATION FOR NEW CONSTRUCTION WORK.
- P. ALL FLOOR COVERINGS WITHIN DESIGNATED SPACE ARE TO BE REMOVED DOWN TO EXISTING SLAB.
- Q. COORDINATE DEMOLITION ACTIVITIES WITH FACILITY MANAGER TO AVOID CONFLICT WITH OTHER ACTIVITIES AND OCCUPANTS.
- R. RESTORE ALL SURFACES THAT HAVE BEEN EFFECTED BY DEMOLITION ACTIVITY TO ITS ORIGINAL CONDITION, OR AS OTHERWISE NOTED ON PLAN
- S. DO NOT REMOVE OR MAKE ANY STRUCTURAL ALTERNATIONS WITHOUT OBTAINING DIRECT APPROVAL FROM THE ARCHITECT.

- DEMOLITION NOTES:**
1. VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. BRING ANY DISCREPANCIES FROM THE DRAWINGS AND NOTES TO THE ARCHITECT IMMEDIATELY. MINOR CHANGES IN THE SCOPE OF THE DEMOLITION WORK SHALL NOT JUSTIFY AN ADDITIONAL COST.
2. REMOVAL OF EXISTING FIXTURES AND EQUIPMENT WILL REQUIRE ISOLATING THE PIPING RISERS OR MAINS VIA SHUT-OFF VALVES. INSTALL NEW ISOLATION VALVES WHERE REQUIRED FOR COMPLETION OF WORK
3. REMOVAL OF EXISTING PLUMBING FIXTURES AND EQUIPMENT, ETC. WILL REQUIRE CAPPING AND SEALING EXISTING MAINS OR BRANCHES AS NECESSARY AND REQUIRED TO ALLOW THE REMAINING SYSTEMS TO FULLY OPERATE WITHOUT DEGRADATION. CONTRACTOR SHALL PROVIDE PROTECTIVE PLASTIC DROP CLOTHS TO PROTECT THE EXISTING OCCUPIED AREAS AND EQUIPMENT FROM DUST AND DEBRIS DURING THE CONSTRUCTION WORK, AND SHALL CLEAN THE AREAS OF ALL CONSTRUCTION DIRT DAILY, AND UPON COMPLETION OF THE WORK. REFER TO GENERAL CONDITIONS AND DIVISION 1 SECTIONS IN THE SPECIFICATIONS.
4. ALL DRAINED PIPING RISERS AND MAINS SHALL BE REFILLED WITH PROPER FLUID AND PROPERLY VENTED BY THIS CONTRACTOR. ONCE NEW WORK HAS BEEN INSTALLED.
5. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING CEILINGS, WALLS, ETC. AS REQUIRED FOR MECHANICAL DEMOLITION WORK.
6. EXISTING PIPING AND EQUIPMENT, ETC., NOT TO BE UTILIZED IN THE COMPLETED SCOPE SHALL BE DISCONTINUED OR REMOVED AS REQUIRED. ALL ENDS OF DISCONTINUED PIPING SHALL BE CAPPED IN THE NEAREST WALL, CEILING OR FLOOR SO THAT THEY ARE COMPLETELY CONCEALED. OPENINGS LEFT IN WALLS, CEILINGS, ETC., WHERE EQUIPMENT AND PIPE, ETC., ARE REMOVED AND NOT REPLACED, SHALL BE PATCHED NEATLY WITH SIMILAR MATERIAL TO ADJACENT CONSTRUCTION. REFER TO DRAWINGS DELINEATING NEW WORK FOR ADDITIONAL INFORMATION REGARDING SYSTEMS
7. EXISTING PIPING, FIXTURES AND EQUIPMENT THAT ARE NOT TO BE REUSED SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE OWNER IF THEY WISH TO RETAIN OWNERSHIP OF SAME. IF NOT, EQUIPMENT SHALL BECOME THE PROPERTY OF THIS CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AS SOON AS PRACTICAL AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
8. ALL CUTTING AND CHANNELING OF EXISTING BUILDING SHALL BE ACCOMPLISHED IN A NEAT AND WORKMANLIKE MANNER WITHOUT REMOVAL OF EXCESS MATERIALS. THIS CONTRACTOR SHALL PATCH AND REPLACE WITH MATERIAL SIMILAR TO ADJACENT CONSTRUCTION.
9. WHERE EXISTING PIPING AND EQUIPMENT, ETC., THAT ARE TO BE UTILIZED IN THE COMPLETED PROGRAM CONFLICT WITH NEW CONSTRUCTION AND THE REQUIRED DEMOLITION, THEY SHALL BE RELOCATED AND RECONNECTED TO MAINTAIN THE DESIRED SERVICE.
- 10.
11. PORTIONS OF EXISTING SYSTEMS MAY BE SHOWN FOR CLARITY EVEN THOUGH IT MAY NOT BE NECESSARY TO MODIFY OR REVISE THEM. ALL EXISTING SYSTEMS ARE SHOWN BASED ON ORIGINAL OR REMODEL BUILDING DRAWINGS. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS.
12. ALL WORK MUST BE COORDINATED AND SCHEDULED WITH THE OWNER AND OCCUPANTS OF THIS BUILDING SO AS TO PROVIDE THE LEAST AMOUNT OF DISRUPTION OF BUILDING ACTIVITIES AS POSSIBLE
13. ALL ACCESSIBLE ABANDONED PIPING AND DUCTWORK SHALL BE REMOVED AND PROPERLY DISPOSED OF.



1 DEMOLITION FLOOR PLAN
D-100 SCALE: 1/8"= 1'-0"

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DO NOT SCALE DRAWING. CONTRACTORS SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT.

THE CONTRACTOR SHALL MAKE NO STRUCTURAL CHANGES OR SUBSTITUTIONS WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT

PROJECT NORTH

PROPOSED LATRINE & SHOWER ROOM
EXPANSION & REHABILITATION:

NJ NATIONAL GUARD ARMORY (NJDAMAVA)
CAPE MAY ARMORY
600 GARDEN STATE PARKWAY
CAPE MAY COURT HOUSE, NEW JERSEY

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Maryland License No. 16384
NCARB Certification No. 51492

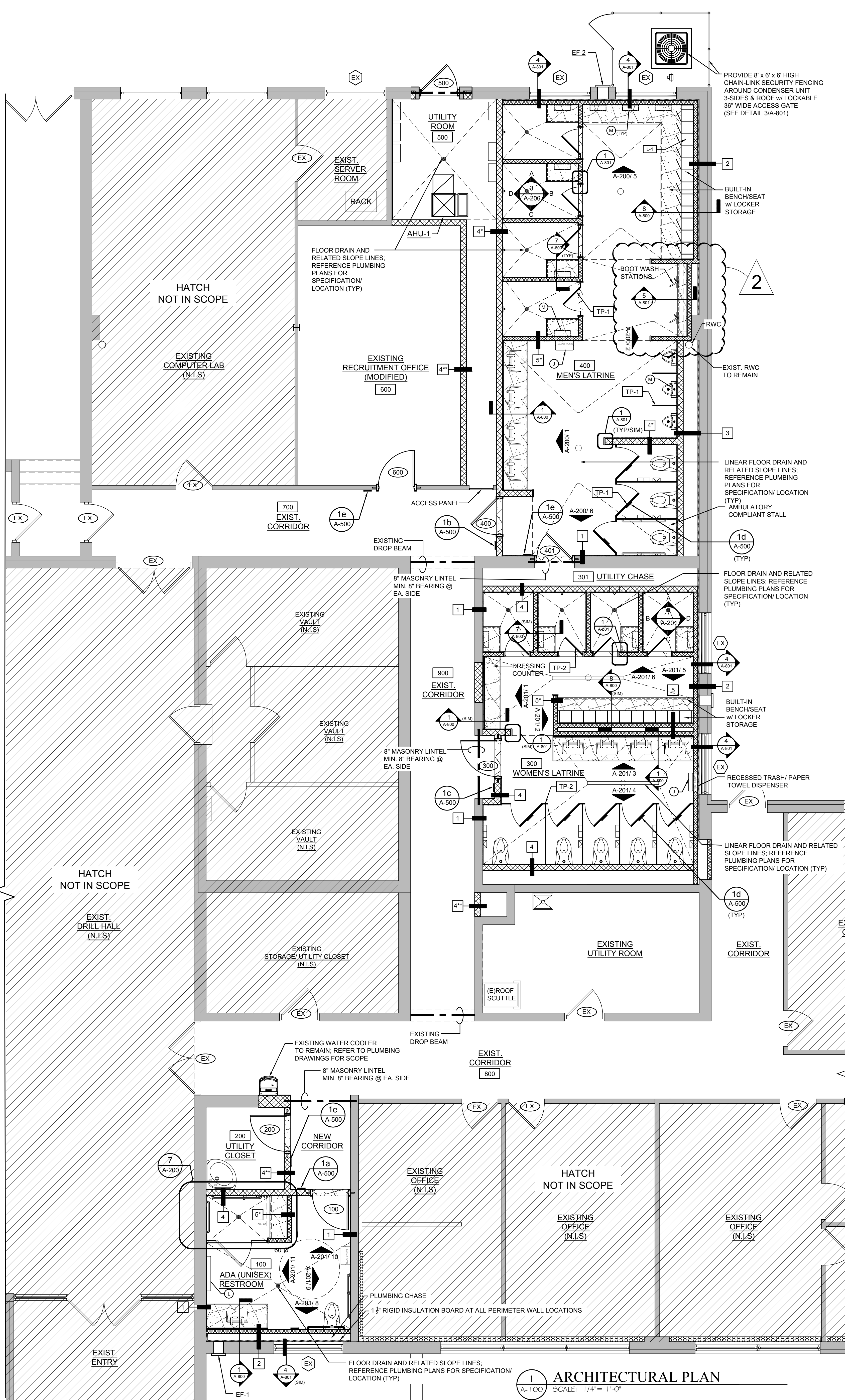
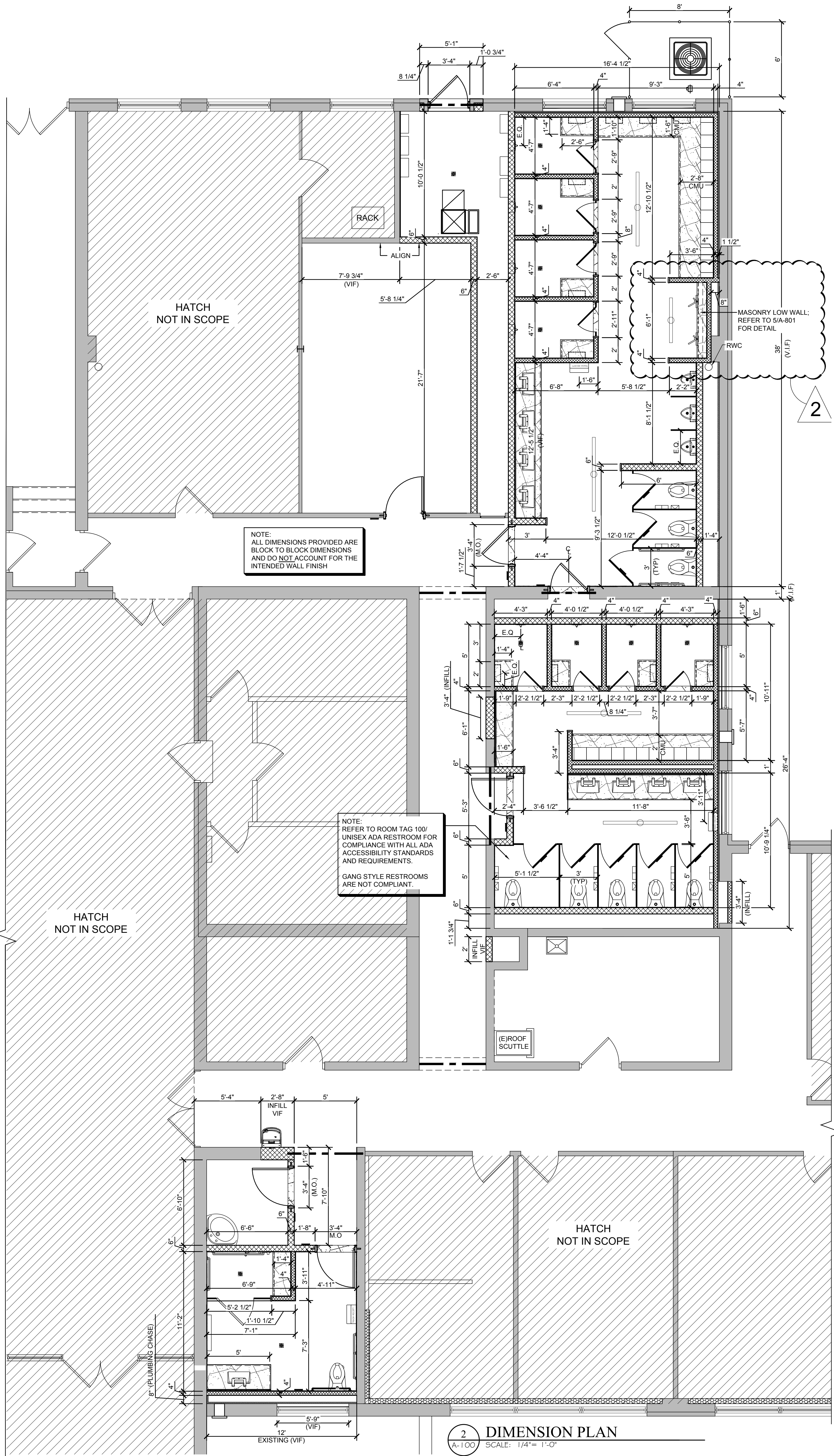
REVISIONS:		
ISSUE	DATE	DESCRIPTION
1	8/25/22	BID ISSUE
2	9/20/22	ADDENDA 1

DRAWING TITLE:

DEMOLITION
FLOOR PLANS

JOB NO.	CM002
DRN. BY	CD
CHK'D	TJD
SCALE	AS NOTED
DATE	11/01/2020

D-100



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ARCHITECT.

PROJECT NORTH

PROPOSED LATRINE & SHOWER ROOM
EXPANSION & REHABILITATION:
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REVISIONS:		
ISSUE	DATE	DESCRIPTION
1	8/25/22	BID ISSUE
2	9/20/22	ADDENDA 1

DRAWING TITLE:
ARCHITECTURAL &
DIMENSION
FLOOR PLANS

JOB NO.	CM002
DRN. BY	CD
CHKD	TJD
SCALE	AS NOTED
DATE	11/01/2020

A-100

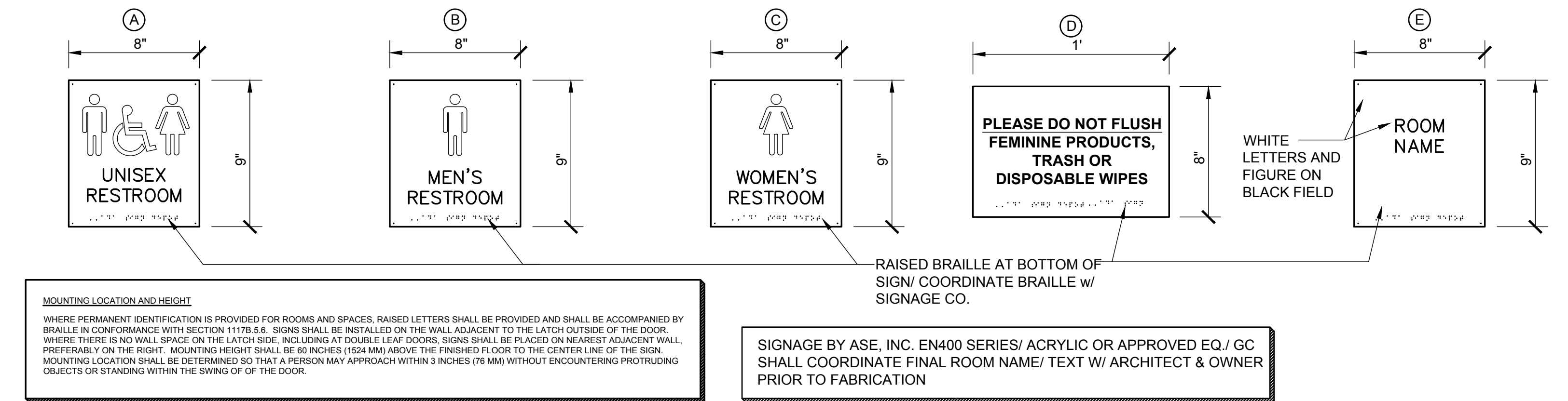
MOUNTING HEIGHT & FIXTURE SCHEDULE

FIXTURE TAG:	WC	FIXTURE TAG:	UR	FIXTURE TAG:	LAV	FIXTURE TAG:	SHOWER
FIXTURE:	WATER CLOSET	FIXTURE:	URINAL	FIXTURE:	LAVATORY	FIXTURE:	SHOWER FIXTURE
MOUNTING HEIGHT: (BARRIER FREE)	1. RIM HEIGHT (BARRIER FREE): 16'-18" AFF 2. RIM HEIGHT (AMBULATORY): 17'-19" AFF 3. RIM HEIGHT (STANDARD): 18" AFF 4. CENTERLINE OF WC (RECOMMENDED): 18"	MOUNTING HEIGHT: (BARRIER FREE)	1. RIM HEIGHT (BARRIER FREE): 17" AFF 2. RIM HEIGHT (STANDARD): 24" AFF 3. CENTERLINE OF UR (RECOMMENDED): 18"	MOUNTING HEIGHT: (BARRIER FREE)	1. KNEE CLEARANCE AT LAVATORY - APRON 28" MIN. HT., 8" MIN. DEPTH. 2. LAVATORY DEPTH - 17" MIN. 3. LAVATORY DRAIN AND HOT WATER PIPES - INSULATED WHEN EXPOSED. 4. LAVATORY RIM SURFACE - MAX. 34" A.F.F. 5. INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE MOUNTED ON THE EXTERIOR OF THE TOILET ROOM DOOR.	MOUNTING HEIGHT: (BARRIER FREE)	1. CONTROLS AND HAND SHOWER SHALL BE LOCATED ON THE BACK WALL ABOVE THE GRAB BAR. 48" MAXIMUM ABOVE FINISH FLOOR. THE CONTROLS SHALL BE 16" MINIMUM AND 27" MAXIMUM FROM THE END WALL BEHIND THE SEAT.
FIXTURE TAG:	(A)	FIXTURE TAG:	(B)	FIXTURE TAG:	(C)	FIXTURE TAG:	(D)
FIXTURE:	SOAP DISPENSER	FIXTURE:	TOILET TISSUE DISPENSER	FIXTURE:	TOILET SEAT COVER DISPENSER	FIXTURE:	GRAB BAR (42")
MOUNTING HEIGHT: (BARRIER FREE)	30" (MIN) TO 48" (MAX) AFF	MOUNTING HEIGHT: (BARRIER FREE)	WHERE THE DISPENSER IS LOCATED BELOW THE GRAB BAR, THE OUTLET OF THE DISPENSER SHALL BE LOCATED WITHIN AN AREA 24" MINIMUM AND 42" INCHES MAXIMUM FROM THE REAR WALL. 1" CLEARANCE BELOW GRAB BAR. THE OUTLET OF THE DISPENSER SHALL BE LOCATED 18" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR.	MOUNTING HEIGHT: (BARRIER FREE)	1. OPENING FOR TOILET SEAT COVERS NEED TO BE MOUNTED BETWEEN 15" AND 48" AFF, IN ACCESSIBLE LOCATION. 2. BARRIER FREE: 30" MIN TO 48" MAXIMUM AFF 3. NON-BARRIER FREE: 45" MIN TO 59" MAXIMUM AFF	MOUNTING HEIGHT: (BARRIER FREE)	1. 42" GRAB BAR (HORIZONTAL) 2. CENTER LINE 33"-38" AFF (36" RECOMMENDED) 3. 12" (MAX) FROM SIDE WALL TO CENTERLINE. 42" (MIN) LENGTH. TOTAL 54" MINIMUM FROM SIDE WALL 4. 54" (MAX) FROM WALL TO END
MOUNTING HEIGHT: (STANDARD)	45" (MIN) TO 59" (MAX) AFF						
FIXTURE TAG:	(E)	FIXTURE TAG:	(F)	FIXTURE TAG:	(G)	FIXTURE TAG:	(H)
FIXTURE:	GRAB BAR (36")	FIXTURE:	GRAB BAR (18")	FIXTURE:	SANITARY NAPKIN DISPENSER	FIXTURE:	WALL MOUNTED HOOKS
MOUNTING HEIGHT: (BARRIER FREE)	30" (MIN) TO 48" (MAX) AFF	MOUNTING HEIGHT: (BARRIER FREE)	WHERE THE DISPENSER IS LOCATED BELOW THE GRAB BAR, THE OUTLET OF THE DISPENSER SHALL BE LOCATED WITHIN AN AREA 24" MINIMUM AND 42" INCHES MAXIMUM FROM THE REAR WALL. 1" CLEARANCE BELOW GRAB BAR. THE OUTLET OF THE DISPENSER SHALL BE LOCATED 18" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR.	MOUNTING HEIGHT: (BARRIER FREE)	1. 42" GRAB BAR (HORIZONTAL) 2. CENTER LINE 33"-38" AFF (36" RECOMMENDED) 3. 12" (MAX) FROM SIDE WALL TO CENTERLINE. 42" (MIN) LENGTH. TOTAL 54" MINIMUM FROM SIDE WALL 4. 54" (MAX) FROM WALL TO END	MOUNTING HEIGHT: (BARRIER FREE)	1. (1) COAT HOOK REQUIRED AT EACH TOILET PARTITION DOOR. 2. (1) COAT HOOK REQUIRED AT EACH SHOWER STALL PARTITION DOOR.
MOUNTING HEIGHT: (STANDARD)	45" (MIN) TO 59" (MAX) AFF						
FIXTURE TAG:	(I)	FIXTURE TAG:	(J)	FIXTURE TAG:	(K)	FIXTURE TAG:	(L)
FIXTURE:	MIRROR	FIXTURE:	PAPER TOWEL & WASTE RECEPTACLE	FIXTURE:	HAND DRYERS	FIXTURE:	CHILD CHANGING STATION
MOUNTING HEIGHT: (BARRIER FREE)	1. 36" GRAB BAR (HORIZONTAL) 2. CENTER LINE 33"-38" AFF (36" RECOMMENDED) 2.1. 12" (MIN) FROM CENTERLINE OF WC TO WALL/ PARTITION. 24" (MIN) FROM CENTERLINE OPP. DIRECTION	MOUNTING HEIGHT: (BARRIER FREE)	1. 18" GRAB BAR (MINIMUM VERTICAL) 2. CENTER LINE 36"-41" AFF 2.1. (36" RECOMMENDED) 3. 36" TO 41" TO CENTERLINE FROM REAR WALL	MOUNTING HEIGHT: (BARRIER FREE)	1. RECOMMENDED IN ALL WOMEN'S TOILET COMPARTMENTS. THEY SHOULD BE WITHIN REACH FROM A SITTING POSITION, AND IT IS RECOMMENDED THAT THEY BE MOUNTED BELOW GRAB BARS 2. RECOMMENDED 25" MIN TO 30" MAX AFF	MOUNTING HEIGHT: (BARRIER FREE)	1. (1) COAT HOOK REQUIRED AT EACH TOILET PARTITION DOOR. 2. (1) COAT HOOK REQUIRED AT EACH SHOWER STALL PARTITION DOOR.
MOUNTING HEIGHT: (STANDARD)	45" (MIN) TO 59" (MAX) AFF						
FIXTURE TAG:	(M)	FIXTURE TAG:	BW-1	MISCELLANEOUS MOUNTING HEIGHTS			
FIXTURE:	TOILETRY SHELF	FIXTURE:	BOOT WASH				
MOUNTING HEIGHT: (BARRIER FREE)	1. CENTERLINE FROM FINISH FLOOR 48"						
MOUNTING HEIGHT: (STANDARD)	45" (MIN) TO 59" (MAX) AFF						

BATHROOM ACCESSORY SCHEDULE

ID	FIXTURE	TYPE	MFR.	MODEL NO.	REMARKS
(A)	SOAP DISPENSER	COUNTER MOUNTED	BOBRICK	SERIES: FOAM, TOP-FILL MANUAL SOAP DISPENSER FINISH: CHROME MODEL NO.: B-8238 BARRIER FREE: COMPLIANT	
(B)	TOILET TISSUE DISPENSER	WALL MOUNTED	BOBRICK	SERIES: TOILET TISSUE DISPENSER WITH UTILITY SHELF FINISH: STAINLESS STEEL SATIN FINISH MODEL NO.: B-2840 BARRIER FREE: COMPLIANT/ REFER TO MOUNTING HEIGHT REQUIREMENT*	
(C)	TOILET SEAT COVER DISPENSER	WALL MOUNTED	BOBRICK	SERIES: CLASSIC SERIES SURFACE MTD SEAT COVER DISPENSER FINISH: STAINLESS STEEL/ SATIN FINISH MODEL NO.: B-221 BARRIER FREE: COMPLIANT/ REFER TO MOUNTING HEIGHT REQUIREMENT*	
(D)	GRAB BAR	WALL MOUNTED	BOBRICK	SERIES: 42 INCH / 1-1/4" DIAMETER STRAIGHT GRAB BAR, PENNED FINISH: STAINLESS STEEL/ SATIN FINISH MODEL NO.: B-5806 x 42 BARRIER FREE: COMPLIANT/ REFER TO MOUNTING HEIGHT REQUIREMENT*	
(E)	GRAB BAR	WALL MOUNTED	BOBRICK	SERIES: 36 INCH / 1-1/4" DIAMETER STRAIGHT GRAB BAR, PENNED FINISH: STAINLESS STEEL/ SATIN FINISH MODEL NO.: B-5806 x 36 BARRIER FREE: COMPLIANT/ REFER TO MOUNTING HEIGHT REQUIREMENT*	
(F)	GRAB BAR	WALL MOUNTED	BOBRICK	SERIES: 18 INCH / 1-1/4" DIAMETER STRAIGHT GRAB BAR, PENNED FINISH: STAINLESS STEEL/ SATIN FINISH MODEL NO.: B-5806 x 18 BARRIER FREE: COMPLIANT/ REFER TO MOUNTING HEIGHT REQUIREMENT*	
(G)	SANITARY NAPKIN DISPOSAL	WALL MOUNTED	BOBRICK	SERIES: CONTURA SERIES FINISH: STAINLESS STEEL/ SATIN FINISH MODEL NO.: B-270 BARRIER FREE: COMPLIANT/ REFER TO MOUNTING HEIGHT REQUIREMENT*	
(H)	COAT HOOK	WALL MOUNTED	BOBRICK	SERIES: DOUBLE COAT HOOK FINISH: STAINLESS STEEL/ SATIN FINISH MODEL NO.: B-549 BARRIER FREE: COMPLIANT/ REFER TO MOUNTING HEIGHT REQUIREMENT*	
(I)	MIRROR	WALL MOUNTED	BOBRICK	SERIES: NON-SPECIFIC FINISH: STANDARD MODEL NO.: 1/2" MIRROR WITH 1/2" J-CHANNEL @ PERIMETER EDGES BARRIER FREE: COMPLIANT/ REFER TO MOUNTING HEIGHT REQUIREMENT*	
(J)	PAPER TOWEL & TRASH DISPENSER	WALL MOUNTED	BOBRICK	SERIES: CONTURA SERIES FINISH: STAINLESS STEEL/ SATIN FINISH MODEL NO.: B-43949 BARRIER FREE: COMPLIANT/ REFER TO MOUNTING HEIGHT REQUIREMENT*	
(K)	HAND DRYER	--	--	SERIES: -- FINISH: -- MODEL NO.: -- BARRIER FREE: --	N/A
(L)	CHILD CHANGING STATION	WALL MOUNTED	BOBRICK/ KOALA BEAR	SERIES: HORIZONTAL STAINLESS STEEL WALL MOUNTED CHANGING STATION FINISH: STAINLESS STEEL/ SATIN FINISH MODEL NO.: KB110-SSWM BARRIER FREE: --	
(M)	TOILETRY SHELF	WALL MOUNTED	BOBRICK	SERIES: STAINLESS STEEL TOILETRY SHELF FINISH: STAINLESS STEEL MODEL NO.: B-683 x 24 BARRIER FREE: --	

SIGNAGE/ MOUNTING REQUIREMENTS



1 SIGNAGE

SIGNAGE MUST COMPLY WITH THE ICC A117.1-2009 CHAPTER 7: COMMUNICATION ELEMENTS AND FEATURES:

703: SIGNS

703.1 GENERAL: Accessible signs shall comply with Section 703. Tactile signs shall contain both raised characters and braille. Where signs with both visual and raised characters are required, either one sign with both visual and raised characters, or two separate signs, one with visual and one with raised characters, shall be provided.

703.1.1 DESIGNATIONS: Interior and exterior signs identifying permanent rooms and spaces shall comply with Sections 703.1, 703.2 and 703.3. EXCEPTION: Exterior signs that are not located at the door to the space they serve shall not be required to comply with Section 703.3

703.1.2 DIRECTIONAL AND INFORMATIONAL SIGNS: Signs that provide direction to or information about interior spaces and facilities of the site shall comply with Section 703.2

703.1.3 PICTOGRAMS: Where pictograms are provided as designations of permanent interior rooms and spaces, the pictograms shall comply with Section 703.5 and shall have text descriptors located directly below the pictogram field and complying with Sections 703.2 and 703.3. EXCEPTION: Pictograms that provide information about a room or space, such as "No Smoking", Occupant Logos, and the International Symbol of Accessibility, are not required to have descriptors..

703.2 VISUAL CHARACTERS: Visual characters shall comply with the following:
1) Visual characters that also serve as raised characters shall comply with Section 703.3 or
2) Visual characters on VMS signage shall comply with Section 703.7, or
3) Visual characters not covered in items 1 and 2 shall comply with Section 703.2

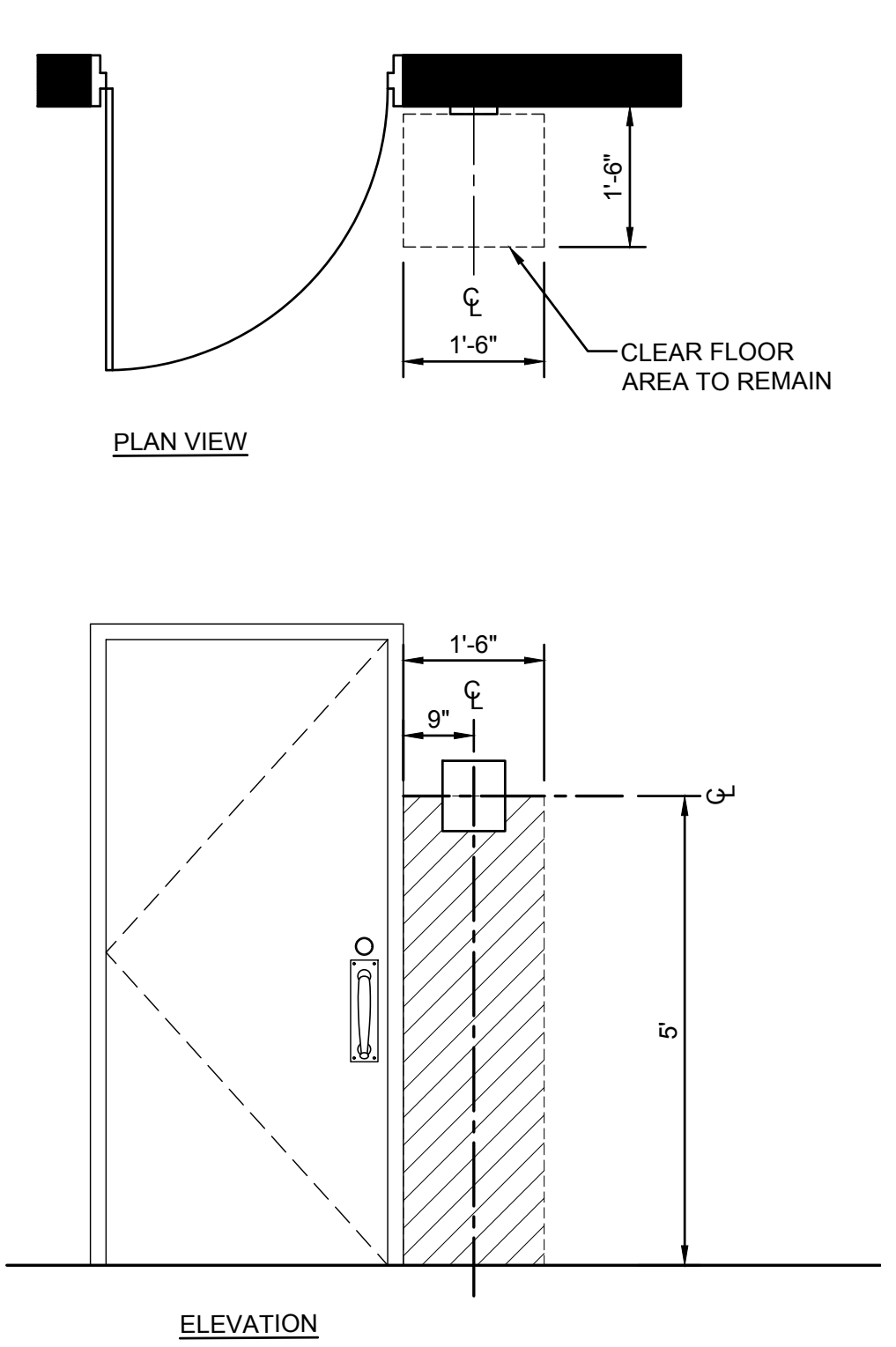
703.4: BRAILLE
- BRAILLE SHALL BE CONTRACTED (GRADE 2)
- BRAILLE SHALL COMPLY W/ SECTION 703.4 OF THE ICC A117.1-2009
- BRAILLE SHALL BE BELOW THE CORRESPONDING TEXT. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW ENTIRE TEXT.
- BRAILLE SHALL BE SEPARATED 1/8" MINIMUM FROM ANY OTHER RAISED BORDERS AND DECORATIVE ELEMENTS. BRAILLE PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED 1/8" MINIMUM EITHER DIRECTLY BELOW OR ADJACENT TO THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.
- BRAILLE SHALL BE 48 INCHES MINIMUM AND 80 INCHES MAXIMUM ABOVE FINISH FLOOR, MEASURED TO THE BASELINE OF THE BRAILLE CELLS. EXCEPTION: ELEVATOR CAR CONTROLS SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 703.4.5

703.5: PICTOGRAMS

703.5.1 GENERAL: Pictograms shall comply with section 703.5
703.5.2 PICTOGRAM FIELD: Pictograms shall have field 6 inches minimum in height. characters or braille shall not be located in the pictogram field.
703.5.3 FINISH AND CONTRAST: Pictograms and their fields shall have a non-glare finish. pictograms shall contrast their fields, with either a light pictogram in a dark field or dark pictogram on a light field.

703.6 SYMBOLS OF ACCESSIBILITY:
703.6.1 GENERAL: Symbols of accessibility shall comply with Section 703.6
703.6.2 FINISH AND CONTRAST: Pictograms and their fields shall have a non-glare finish. pictograms shall contrast their fields, with either a light pictogram in a dark field or dark pictogram on a light field.
703.6.3 SYMBOLS: Refer to Section 703.6.3.1, 703.6.3.2, 703.6.3.3 and 703.6.3.4 for required symbols.

MOUNTING HEIGHT REQUIREMENTS



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THE CONTRACTOR SHALL MAKE NO STRUCTURAL CHANGES OR SUBSTITUTIONS WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.

PROJECT NORTH

PROPOSED LATRINE & SHOWER ROOM
EXPANSION & REHABILITATION:
NJ NATIONAL GUARD ARMORY (NJDAMAVA)
CAPE MAY ARMORY
600 GARDEN STATE PARKWAY
CAPE MAY COURT HOUSE, NEW JERSEY

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Maryland License No. 16394
NCARB Certification No. 51492

STATE OF NEW JERSEY
JULY 21, 2011 11:49:30
REGISTERED ARCHITECT
Thomas J. D'Arrigo Sr.

REVISIONS:
ISSUE DATE DESCRIPTION
1 8/25/22 BID ISSUE
2 9/20/22 ADDENDA 1

DRAWING TITLE:
SCHEDULES

JOB NO. CM002
DRN. BY CD
CHKD TJD
SCALE AS NOTED
DATE 11/01/2020

A-500

SCHEDULE:			WALL		
MARK	MATERIAL:	MANUFACTURER:	DESCRIPTION:	NOTES:	
WT-1	TILE WALL FIELD TILE	DALTILE	SERIES: ELEVARE GLAZED CERAMIC SIZE: 4" x 16" FINISH: SEMI-GLOSS COLOR: ARTIC WHITE # 0190 PATTERN: STRETCHER COURSE 33% OFF-SET GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: BLEACHED WOOD # 545 GROUT JOINT: 1/8"	TCNA METHOD TR711-19	
WT-1a	TILE WALL BULLNOSE (16" SIDE)	DALTILE	SERIES: ELEVARE GLAZED CERAMIC SIZE: 4" x 16" (BULLNOSE 16" SIDE) S-44D9 FINISH: SEMI-GLOSS COLOR: ARTIC WHITE # 0190 PATTERN: STRETCHER COURSE 33% OFF-SET GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: BLEACHED WOOD # 545 GROUT JOINT: 1/8"	TO BE USED AT ALL VERTICAL CORNER CONDITIONS AND INTERIOR JAMBS TCNA METHOD TR711-19	
BT-1	TILE WALL COVE BASE	DALTILE	SERIES: ELEVARE GLAZED CERAMIC SIZE: 4 1/2" x 4 1/2" FINISH: SEMI-GLOSS COLOR: BLACK # K111 PATTERN: STRETCHER COURSE GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: CHARCOAL # 60 GROUT JOINT: 1/8"	TCNA METHOD TR711-19	
BT-2	TILE WALL COVE BASE	DALTILE	SERIES: ELEVARE GLAZED CERAMIC SIZE: 4 1/2" x 4 1/2" FINISH: SEMI-GLOSS COLOR: ARCHITECTURAL GRAY # 0109 PATTERN: STRETCHER COURSE GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: CHARCOAL # 60 GROUT JOINT: 1/8"	TCNA METHOD TR711-19	
AT-1	TILE WALL ACCENT	DALTILE	SERIES: ELEVARE GLAZED CERAMIC SIZE: 4" x 16" FINISH: SEMI-GLOSS COLOR: BLACK PATTERN: STRETCHER COURSE 33% OFF-SET GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: CHARCOAL #60 GROUT JOINT: 1/8"	TCNA METHOD TR711-19	
AT-2	TILE WALL ACCENT	DALTILE	SERIES: ELEVARE GLAZED CERAMIC SIZE: 4" x 16" FINISH: SEMI-GLOSS COLOR: ARCHITECTURAL GRAY # 0109 PATTERN: STRETCHER COURSE 33% OFF-SET GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: BLEACHED WOOD # 545 GROUT JOINT: 1/8"	TCNA METHOD TR711-19	
CT-1	TILE WALL CEILING (SHOWERS)	DALTILE	SERIES: ELEVARE GLAZED CERAMIC SIZE: 3" x 6" FINISH: SEMI-GLOSS COLOR: ARTIC WHITE #0190 PATTERN: STRETCHER COURSE 33% OFF-SET GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: BLEACHED WOOD # 545 GROUT JOINT: 1/8"	TCNA METHOD TR711-19	

SCHEDULE:			CEILING			
MARK:	MATERIAL:	MFR.:	DESCRIPTION:	SIZE	COLOR	NOTES
GWB-1	GYPSUM CEILING SYSTEM SUSPENSION SYSTEM	ARMSTRONG DRYWALL GRID SYSTEM (DGS)	QUIKSTIX DRYWALL GRID SYSTEM & QUICKSTIX SOFFITS OR APPROVED EQ. (CHICAGO CEILING) • 1/2" PURPLE WALLBOARD BY NATIONAL GYPSUM/ MOISTURE, MOLD & MILDEW RESISTANCE	---	---	SUSPENSION SYSTEM: PRELUDE PLUS XL FIRE GUARD 1/2" SUSPENSION SYSTEM OR APPROVED E.Q
CB-2	GYPSUM CEILING SYSTEM SUSPENSION SYSTEM	ARMSTRONG DRYWALL GRID SYSTEM (DGS)	QUIKSTIX DRYWALL GRID SYSTEM & QUICKSTIX SOFFITS OR APPROVED EQ. (CHICAGO CEILING) • 1/2" CEMENT BOARD WALL BOARD FOR ALL TILE CEILING LOCATIONS. • REFER TO TILE SCHEDULE FOR MATERIAL SPECIFICATION	---	---	SUSPENSION SYSTEM: PRELUDE PLUS XL FIRE GUARD 1/2" SUSPENSION SYSTEM OR APPROVED E.Q
ATC-1	ACOUSTIC TILE CEILING & SUSPENSION SYSTEM	ARMSTRONG CEILINGS	TYPE: CERAMAGUARD LAY-IN FINE TEXTURE • HumiGuard Plus	2'-0" x 2'-0" x 5/8"	WHITE	SUSPENSION SYSTEM: PRELUDE PLUS XL FIRE GUARD 1/2" SUSPENSION SYSTEM OR APPROVED EQ.
ATC-2	ACOUSTIC TILE CEILING & SUSPENSION SYSTEM	ARMSTRONG CEILINGS	TYPE: CERAMAGUARD LAY-IN FINE TEXTURE • HumiGuard Plus	4'-0" x 4'-0" x 5/8"	WHITE	SUSPENSION SYSTEM: PRELUDE PLUS XL FIRE GUARD 1/2" SUSPENSION SYSTEM OR APPROVED EQ.

SCHEDULE:			FLOORING		
MARK	MATERIAL:	MANUFACTURER:	DESCRIPTION:	NOTES:	
FT-1	TILE FLOOR TILE	DALTILE	SERIES: KEYSTONES COLORBODY PORCELAIN MOSAICS SIZE: 2" x 2" HEXAGONAL TILE FINISH: MATTE COLOR: ARTIC WHITE (# D617) BLACK (# D311) PATTERN: HEXAGON DK16 (STANDARD/STOCK PATTERN) GROUT: LATICRETE SPECTRALOCK PRO-PREMIUM EPOXY FLOOR GROUT GROUT COLOR: STERLING SILVER # 78 GROUT JOINT: SHEET TILE/ STANDARD	TCNA F114-17 (SLABS ON GRADE) TCNA F122A-17 (SLABS ABOVE GRADE)	
FT-2	TILE FLOOR TILE	DALTILE	SERIES: KEYSTONES COLORBODY PORCELAIN MOSAICS SIZE: 2" x 2" HEXAGONAL TILE COLOR: ARTIC WHITE (# D617) ARCHITECTURAL GRAY (MATCH AT-2) PATTERN: HEXAGON DK16 (STANDARD/STOCK PATTERN) GROUT: LATICRETE SPECTRALOCK PRO-PREMIUM EPOXY FLOOR GROUT GROUT COLOR: STERLING SILVER # 78 GROUT JOINT: SHEET TILE/ STANDARD	TCNA F114-17 (SLABS ON GRADE) TCNA F122A-17 (SLABS ABOVE GRADE)	
FT-3	TILE FLOOR TILE	DALTILE	SERIES: QUARRY TILE SIZE: 6" x 6" FINISH: ABRASIVE COLOR: RED BLAZE (# 0Q40) PATTERN: SQUARE (STANDARD PATTERN) GROUT: LATICRETE SPECTRALOCK PRO-PREMIUM EPOXY FLOOR GROUT GROUT COLOR: STERLING SILVER # 78 GROUT JOINT: 3/8" JOINT (QUARRY TILE ONLY)	TCNA F114-17 (SLABS ON GRADE) TCNA F122A-17 (SLABS ABOVE GRADE)	
VCT-1	VINYL COMPOSITE FLOOR TILE	ARMSTRONG	SERIES: STANDARD EXCELON IMPERIAL TEXTURE SIZE: 12" x 12" FINISH: ARMSTRONG S-495 COMMERCIAL FLOOR SEALER PRIOR TO FINISH POLISH APPLY MINIMUM (2) TWO COATS FINISH POLISH: ARMSTRONG S-480 COMMERCIAL FLOOR POLISH APPLY MINIMUM (2) TWO COATS	---	

SCHEDULE:			WALL BASE		
MARK	MATERIAL:	MANUFACTURER:	DESCRIPTION:	NOTES:	
BT-1	TILE WALL COVE BASE	DALTILE	SERIES: ELEVARE GLAZED CERAMIC SIZE: 4 1/2" x 4 1/2" FINISH: SEMI-GLOSS COLOR: BLACK # K111 GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: CHARCOAL # 60 GROUT JOINT: 1/8"	TCNA METHOD TR711-19	
BT-2	TILE WALL COVE BASE	DALTILE	SERIES: ELEVARE GLAZED CERAMIC SIZE: 4 1/2" x 4 1/2" FINISH: SEMI-GLOSS COLOR: BLACK # K111 GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: ARCHITECTURAL GRAY GROUT JOINT: 1/8"	TCNA METHOD TR711-19	
BT-3	TILE WALL COVE BASE	DALTILE	SERIES: QUARRY TILE/ COVE BASE SIZE: 6 x 6 x 3/4" FINISH: MATTE COLOR: RED BLAZE GROUT: CUSTOM PLOYBLEND NON-SANDED CEMENTITIOUS WALL TILE GROUT GROUT COLOR: CHARCOAL # 60 GROUT JOINT: 1/8"	TCNA METHOD TR711-19	
BT-4	VINYL COMPOSITE FLOOR COVE BASE	ARMSTRONG	SERIES: STANDARD EXCELON IMPERIAL TEXTURE COLOR: BLACK SIZE: 6"	---	

SCHEDULE:		PAINT	
MARK	DESCRIPTION	SPECIFICATION	
PR-1	CMU- EPOXY FILLER (AT ALL NEW CMU WALLS)	MANUFACTURER: SHERWIN WILLIAMS SERIES: B42W400/B42V401 TYPE: KEM CATI-COAT HS EPOXY FILLER/ SEALER FINISH: BLOCK FILLER (WET AREAS) COLOR CODE: --- COLOR NAME: ---	
PR-1.1	CMU- PRIMER (AT ALL NEW CMU WALLS)	MANUFACTURER: SHERWIN WILLIAMS SERIES: B58-620/ B58V620 TYPE: MACROPOXY 646-100 FAST CURE EPOXY FINISH: PRIMER (WET AREAS) COLOR CODE: --- COLOR NAME: ---	
PR-2	GYPSUM BOARD PRIMER	MANUFACTURER: SHERWIN WILLIAMS SERIES: B28W2600 TYPE: PRO MAR 200 ZERO VOC LATEX PRIMER FINISH: PRIMER COLOR CODE: --- COLOR NAME: ---	
PR-2.1	GYPSUM BOARD PRIMER	MANUFACTURER: SHERWIN WILLIAMS SERIES: B28W2600 TYPE: PRO MAR 200 ZERO VOC LATEX PRIMER FINISH: PRIMER COLOR CODE: --- COLOR NAME: ---	
PNT-1	GYPSUM BOARD- CEILINGS AND SOFFITS	MANUFACTURER: SHERWIN WILLIAMS SERIES: B30-2600 TYPE: PRO MAR 200 ZERO VOC INTERIOR LATEX FINISH: FLAT COLOR CODE: SW7757 COLOR NAME: HIGH REFLECTIVE WHITE	
PNT-2	CMU- FIELD	MANUFACTURER: SHERWIN WILLIAMS SERIES: --- TYPE: --- FINISH: TBD COLOR CODE: TBD COLOR NAME: TBD	
PNT-3	CMU- FIELD	MANUFACTURER: SHERWIN WILLIAMS SERIES: --- TYPE: --- FINISH: TBD COLOR CODE: TBD COLOR NAME: TBD	
PNT-4	NON-FERROUS METAL- GALVANIZED/ ALUMINUM SURFACES PRIMER	MANUFACTURER: SHERWIN WILLIAMS SERIES: B66-310 TYPE: PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER FINISH: PRIMER COLOR CODE: --- COLOR NAME: ---	
PNT-7	NON-FERROUS METAL- GALVANIZED/ ALUMINUM SURFACES ALUMINUM FRAMES	MANUFACTURER: SHERWIN WILLIAMS SERIES: B66-650 TYPE: PRO INDUSTRIAL ACRYLIC FINISH: SEMI-GLOSS COLOR CODE: --- COLOR NAME: BLACK	
PNT-8	NON-FERROUS METAL- GALVANIZED/ ALUMINUM SURFACES ALUMINUM DOORS	MANUFACTURER: SHERWIN WILLIAMS SERIES: B66-650 TYPE: PRO INDUSTRIAL ACRYLIC FINISH: SEMI-GLOSS COLOR CODE: --- COLOR NAME: BLACK	

NOTES	REFER TO SPECIFICATION MANUAL:	
	1. ALL SURFACES SCHEDULED FOR PAINTING SHALL RECEIVE ONE (1) COAT OF PRIMER AND TWO (2) FINISH COATS OF THE SPECIFIED PAINT	
	2. ALL PAINTING MATERIALS SHALL BE HANDLED (STORED) AND APPLIED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS.	
	3. ALL GWB AND PLASTER WALLS TO BE FINISH PAINTED WITH SCRUBBABLE INTERIOR LATEX "SATIN" SERIES A87-100 BY SHERWIN WILLIAMS OR APPROVED EQUAL.	
	4. ALL GWB AND PLASTER CEILING SURFACES TO BE FINISH PAINTED WITH INTERIOR LATEX "FLAT" PPROMAR 200, SERIES B30W-200 BY SHERWIN WILLIAMS OR APPROVED EQ. ALL WOOD AND POLYMER TRIMS CASINGS & BASE MOLDINGS TO BE FINISH PAINTED WITH LATEX LOW SHEEN ES ENAMEL B20W1200 BY SHERWIN WILLIAMS OR APPROVED EQ.	
	5. ALL DOORS AND FRAMES THAT ARE NOT SPECIFICALLY SPECIFIED AS FACTORY FINISHED SHALL BE PROVIDED WITH A PRIME COAT AND TWO FINISH COATS OF PAINT SPECIFIED IN NOTE NO. 5 ABOVE.	

SCHEDULE: FIXTURES & FURNISHINGS			
MARK	MATERIAL	MANUFACT.	DESCRIPTION
TP-1	TOILET PARTITIONS & DOORS, URINAL SCREENS & SHOWER STALL DOORS	SCRANTON PRODUCTS OR APPROVED EQ.	SERIES: ECLIPSE II HEIGHT: 62" COLOR: METALLIC COLOR COLLECTION: CLASS B/ STAINLESS
TP-2	TOILET PARTITIONS & DOORS, URINAL SCREENS & SHOWER STALL DOORS	SCRANTON PRODUCTS OR APPROVED EQ.	SERIES: ECLIPSE II HEIGHT: 62" COLOR: METALLIC COLOR COLLECTION: CLASS B/ BRONZE
NOTE: ALL TOILET PARTITIONS/ DOORS SHALL BE FLOOR MOUNTED & BRACED AS REQUIRED. ALL PARTITION SCREENS & DOORS AT SHOWER STALL SHALL BE CEILING MOUNTED ALL ADA COMPLAINT STALLS AND AMBULATORY STALLS SHALL RECEIVE THE APPLICABLE H.C. SIGNAGE & BRAIL REQUIREMENTS TO MEET LOCAL CODE. GC SHALL BE RESPONSIBLE TO SUPPLY & INSTALL ALL REQUIRED SIGNAGE.			
L-1	LOCKERS	SCRANTON PRODUCTS OR APPROVED EQ.	SERIES: TUFFTEC LOCKERS/ CLASSIC COLLECTION SIZE: 12" x 12" x 72" STYLE: FULL LATTICE MESH TOP TOP: TWO-TIER LOCKER COMBO w/ 4" HIGH BLACK BASE FLAT TOP PAD LOCK NUMBERING: START AT 1

SCHEDULE: MISCELLANEOUS		
MARK	MATERIAL	MANUFACT. DESCRIPTION
SH-1	WALL TRIM ALUMINUM	SCHLUTER SERIES: QUADEC # Q100ACG SIZE: 1/2" MATERIAL: ANODIZED ALUMINUM FINISH: POLISHED CHROME (Q100ACG)
ST-1	STONE QUARTZ	CAMBRIA COLOR: WEYBOURNE THICKNESS: 1 1/4"
TH-1		
TH-2	THRESHOLD ALUMINUM	SCHLUTER SERIES: SCHIENE MATERIAL: ALUMINUM FINISH: ALUMINUM

FINISH SCHEDULE		FLOOR		WALL		CEILING		REMARKS
MARK	ROOM ID	MATERIAL	BASE	MATERIAL	BASE	MATERIAL	HEIGHT	
100	ADA RESTROOM (UNISEX)	TILE	TILE	TILE	TILE	GWB-1	8'-0"	COORDINATE W/ FINISH PLANS
200	UTILITY CLOSET	TILE	TILE	PNT	PNT	---	---	
300	WOMEN'S LATRINE	TILE	TILE	TILE	TILE	GWB-1	8'-0"	
301	UTILITY CHASE	---	---	---	---	---	---	
400	MEN'S LATRINE	TILE	TILE	TILE	TILE	GWB-1	8'-0"	
500	UTILITY CHASE	---	---	---	---	---	---	
600	LOUNGE (RELOCATED)	VCT	VINYL	PNT	PNT	ATC-2	8'-0"	
700	EXISTING CORRIDOR	VCT	VINYL	PNT	PNT	ATC-2	8'-0"	
800	EXISTING CORRIDOR	VCT	VINYL	PNT	PNT	ATC-2	8'-0"	
900	EXISTING CORRIDOR	VCT	VINYL	PNT	PNT	ATC-2	8'-0"	

DOOR SCHEDULE		MARK	LOCATION	UNIT DIMENSION (W x H)	DOOR TYPE	DOOR		FRAME		RATING	HDWR HEADING	JAMB DETAIL
						MATERIAL	FINISH	MATERIAL	FINISH			
100	ADA RESTROOM	100	ADA RESTROOM	3'-0" x 7'-0"	A	H.M.	PNT- 6 PNT- 8	WELDED 16 GA	PNT- 6 PNT- 7	N/A	SET #1	A-800/ 10A
200	UTILITY ROOM	200	UTILITY ROOM	3'-0" x 7'-0"	A	H.M.	PNT- 6 PNT- 8	WELDED 16 GA	PNT- 6 PNT- 7	N/A	SET #2	A-800/ 10B
300	WOMEN'S LATRINE	300	WOMEN'S LATRINE	3'-0" x 7'-0"	A	H.M.	PNT- 6 PNT- 8	WELDED 16 GA	PNT- 6 PNT- 7	N/A	SET #3	A-800/ 10A
400	MEN'S LATRINE	400	MEN'S LATRINE	3'-0" x 7'-0"	A	H.M.	PNT- 6 PNT- 8	WELDED 16 GA	PNT- 6 PNT- 7	N/A	SET #3	A-800/ 10A
401	MEN'S LATRINE	401	MEN'S LATRINE	3'-0" x 7'-0"	A	H.M.	PNT- 6 PNT- 8	WELDED 16 GA	PNT- 6 PNT- 7	N/A	SET #5	A-800/ 10A
500	UTILITY CHASE	500	UTILITY CHASE	3'-0" x 7'-0"	B	F.R.P	FACTORY FINISH	FRP	FACTORY FINISH	SEE DOOR TYPE	SET #4	---
600	LOUNGE	600	LOUNGE	3'-0" x 7'-0"	A	H.M.	PNT- 6 PNT- 8	WELDED 16 GA	PNT- 6 PNT- 7	N/A	SET #6	A-800/ 10B

1. G.C. SHALL VERIFY ALL FRAME & DOOR SIZES IN FIELD WITH EXISTING CONDITIONS PRIOR TO ORDERING/ FABRICATION.
2. GC SHALL BE RESPONSIBLE FOR ANY/ ALL MODIFICATIONS TO EXISTING DOOR OPENINGS THAT ARE SCHEDULED FOR NEW DOORS AND FRAMES. THIS SHALL INCLUDE ANY ADDITIONAL CUTTING OR INFILL OF MASONRY OR STUD CONSTRUCTION AS NECESSARY TO LOCATE NEW DOORS AND FRAMES AS DEFINED ON THE PLANS

FRAME TYPES		DOOR TYPES	
DOOR TYPE: ①	APPLICATION: INTERIOR MANUFACTURER: --- SERIES: --- TYPE: FULLY WELDED METAL FRAME 16 GAUGE STYLE: --- FINISH: PNT-6 / PNT-7 FIRE RATED: N/A	DOOR TYPE: ②	APPLICATION: INTERIOR MANUFACTURER: PIONEER SERIES: HEAVY DUTY/ CH SERIES CORE TYPE: HONEYCOMB GAUGE: 18 GAUGE/ STANDARD COLOR: FLUSH (F) FINISH: PNT-6 / PNT-8 FIRE RATED: N/A
DOOR TYPE: ③	APPLICATION: EXTERIOR MANUFACTURER: --- SERIES: --- CORE TYPE: TIGER DOOR OR APPROVED EQUAL EXTREME DUTY HURRICANE SERIES IMPACT RATED/LARGE MISSILE POLYPROPYLENE FLUSH PANEL FIBERGLASS REINFORCED POLYMER (FRP) N/A	DOOR TYPE: ④	APPLICATION: EXTERIOR MANUFACTURER: --- SERIES: --- CORE TYPE: TIGER DOOR OR APPROVED EQUAL EXTREME DUTY HURRICANE SERIES IMPACT RATED/LARGE MISSILE POLYPROPYLENE FLUSH PANEL FIBERGLASS REINFORCED POLYMER (FRP) N/A

SET #1

Doors: 100

Each Opening to receive:

3

Hinge BB1199 4 1/2 X 4 1/2

US32D

HA

1

Deadlock 3833S Less Cyl

US26D

HA

1

Mortise Cylinder MATCH EXISTING SYSTEM

1

Push Plate 30S 4 X 16

US32D

HA

1

Door Pull 33E 4 X 16

US32D

HA

1

CloserS100 MLT

ALM HA

1

Mop Plate 190S 4" X 1" LDW

US32D

HA

1

Kick Plate 190S 10" X 2" LDW

US32D

HA

1

Wall Stop 236W

US32D

HA

3

Door Silencer

307D GREYHA

SET #4

Doors: 500

Each Opening to receive:

3

Hinge BB1199 4 1/2 X 4 1/2 NRP

US32D

HA

1

Lockset 3880 SECT ARC Less Cyl

US26D

HA

1

CloserS100 5954-HDCOS

ALM HA

1

Kick Plate 190S 10" X 2" LDW

US32D

HA

1

Mortise Cylinder MATCH EXISTING SYSTEM

1

Drip Cap 810S 40"

MIL HA

1

Set Weatherstrip 890S N 1 x 36" 2 x 84"

MIL HA

1

Door Sweep 754S N 36"

CLR HA

1

Threshold 412S 36"

MIL HA

SET #2

Doors: 200

Each Opening to receive:

3

Hinge BB1199 4 1/2 X 4 1/2

US32D

HA

1

Lockset 3880 SECT ARC Less Cyl

US26D

HA

1

Mortise Cylinder MATCH EXISTING SYSTEM

1

CloserS100 MLT

ALM HA

1

Kick Plate 190S 10" X 2" LDW

US32D

HA

1

Mop Plate 190S 4" X 1" LDW

US32D

HA

1

Door Holder 327W

US26D

HA

3

Door Silencer

307D GREYHA

SET #5

Doors: 401

Each Opening to receive:

3

Hinge BB1199 4 1/2 X 4 1/2 NRP

US32D

HA

1

Lockset 3880 SECT ARC Less Cyl

US26D

HA

1

Mortise Cylinder MATCH EXISTING SYSTEM

1

CloserS100 5954-HDCOS

ALM HA

1

Kick Plate 190S 10" X 2" LDW

US32D

HA

1

Mop Plate 190S 4" X 1" LDW

US32D

HA

1

Door Holder 327W

US26D

HA

3

Door Silencer

307D GREYHA

SET #3

Doors: 300, 400

Each Opening to receive:

3

Hinge BB1199 4 1/2 X 4 1/2 NRP

US32D

HA

1

Deadlock 3833S Less Cyl

US26D

HA

1

Mortise Cylinder MATCH EXISTING SYSTEM

1

Push Plate 30S 4 X 16

US32D

HA

1

Door Pull 33E 4 X 16

US32D

HA

1

CloserS100 5955-HDCS

ALM HA

3

Door Silencer

307D GREYHA

SET #6

Doors: 600

Each Opening to receive:

3

Hinge BB1168 4 1/2 X 4 1/2

US26D

HA

1

Lockset 3870 SECT ARC Less Cyl

US26D

HA

1

Mortise Cylinder MATCH EXISTING SYSTEM

1

CloserS100 5955-HDCS

ALM HA

1

Kick Plate 190S 10" X 2" LDW

US32D

HA

1

Mop Plate 190S 4" X 1" LDW

US32D

HA

3

Door Silencer

307D GREYHA

LINE OF STONE SEAT CAP ABOVE (ST-1)

CERAMIC TILE AS SCHEDULED

BUTT JOINT AT END OF TILE TO STONE CAP: FLUSH CONDITION

$\frac{1}{2}$ " EASED EDGE (ALL CORNERS)

QUARTZ STONE END CAP (ST-1)
SINGLE SLAB OVER $\frac{1}{2}$ " MUDDIE/ REFER TO DETAIL 4/A-801

7' 12" (VIF)

#309-H STONE ANCHOR
BY HOHMANN & BARNARD
OR APPROVED EQUAL
DETAIL A-300/ 4b

PROJECT NORTH

Technical drawing of a stone detail. The drawing shows a cross-section of a stone with a central vertical slot. The overall height is 8". The top width is 1 1/4". The width of the central slot is 3/8". The width of the stone on either side of the slot is 3 3/8". The bottom width is 1 3/8". The drawing includes the following annotations:

- OUTSIDE CORNERS TO HAVE 3/4" RADIUS EDGE (TYP.)
- CONTINUOUS DOVETAIL SLOT CENTERED IN BACK OF STONE
- QUARTZ STONE TO BE INSTALLED IN SINGLE

EXISTING WINDOW (VWF)

GC TO APPLY 3M MATTE BLACK-OUT FILM (OR APPROVED EQUAL) TO INTERIOR FACE OF EXISTING WINDOW GLAZING, AT ALL FRONT FACADE WINDOW LOCATIONS FOR COHESIVE AESTHETIC (4-LOCATIONS)

1 1/2" EXTRUDED POLYSTYRENE FOAM BOARD INSULATION R7.5 OR APP. EQ.

NEW MASONRY WALL AS SCHEDULED

CERAMIC WALL TILE TCNA METHOD TR711-19 REFER TO PARTITION SCHEDULE

EXISTING WINDOW TO REMAIN

EXISTING MASONRY WALL

NOTE: REFER TO SPECIFICATION MANUAL FOR MATERIAL/INSTALLATION PROCEDURES

Diagram illustrating the dimensions and components of a 6' x 6' Black Vinyl Mesh Gate. The gate is shown in a closed position, featuring a swing gate mechanism with complete hardware package. The overall dimensions are 6' wide and 6'-0" high. The swing gate is 3' wide. The gate is constructed with a black vinyl mesh and includes a top rail, a swing gate, and a corner post. The swing gate is shown in a partially open position, revealing the internal structure and hardware. The gate is supported by a base with three posts: a gate post, a corner post, and a swing gate post. The swing gate is shown in a partially open position, revealing the internal structure and hardware. The gate is supported by a base with three posts: a gate post, a corner post, and a swing gate post. The swing gate is shown in a partially open position, revealing the internal structure and hardware.

Technical drawing of a full height masonry wall section. The drawing shows a cross-section of the wall with various components and dimensions labeled.

Labels and Dimensions:

- (STONE COUNTER, ST-1)
- SCARIFIED UNDERSIDE SURFACE OF CAP
- STONE FOR IMPROVED MORTAR BOND (TYP.)
- 9" (VIP)
- 3/4" (MUD-RED)
- 1 1/2"
- 1"
- 4-2 1/4"
- 4"
- BOOT WASH FIXTURE: (BW-1) REFER TO P-001 FIXTURE SCHEDULE FOR SPECIFICATION & MOUNTING HEIGHTS
- 3" x 3" ANGLE IRON SECURED TO EXISTING BRICK WALL
- FULL HEIGHT MASONRY WALL
- PLUMBING CHASE
- 3 5/8"
- VIP
- 3 5/8"

4 WINDOW FILM DETAIL

3 CHAIN-LINK FENCE DETAIL



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1	8/25/22	BID ISSUE
2	9/20/22	ADDENDA 1

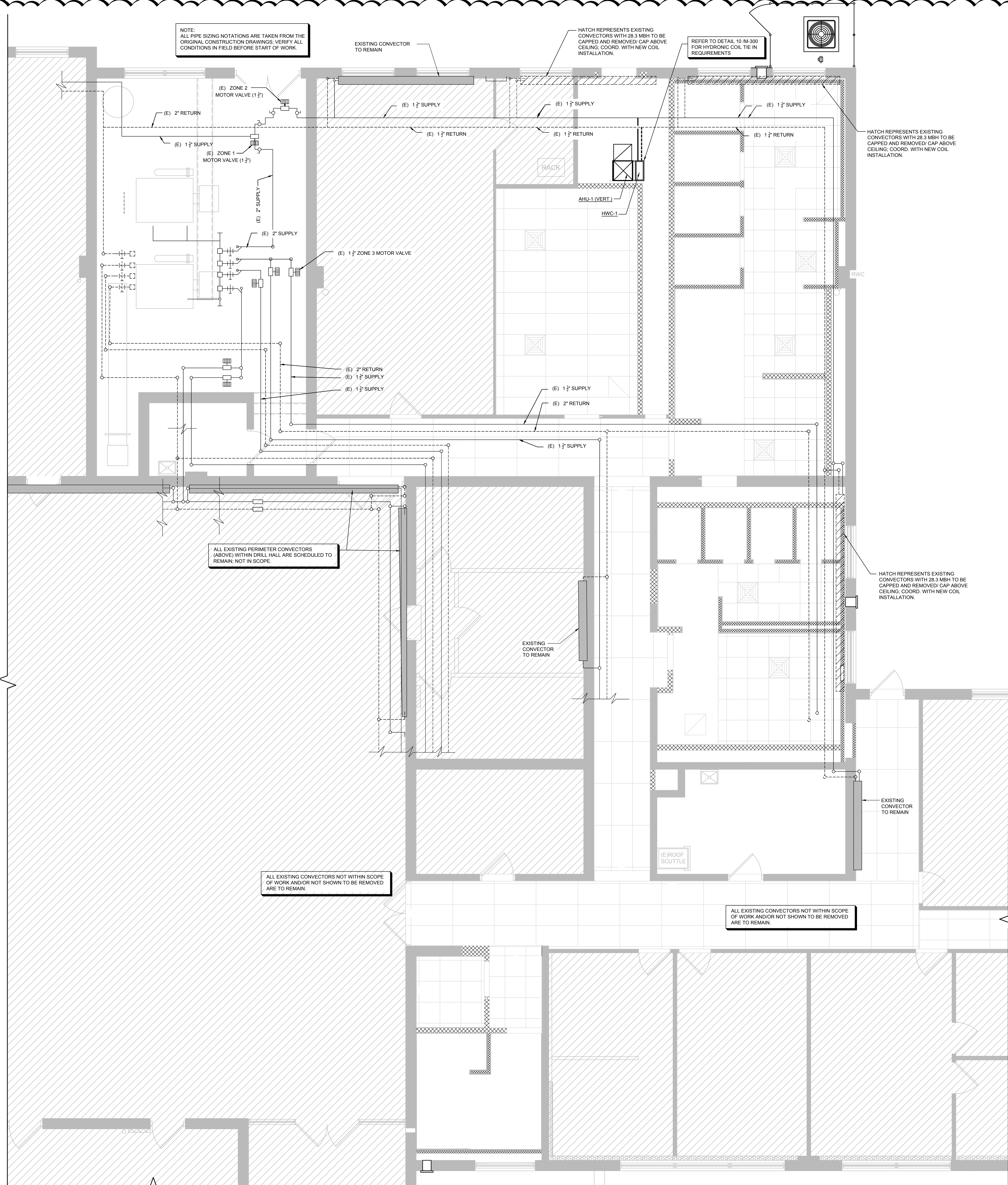
INTERIOR DETAILS

INTERIOR DETAILS

JOB NO.	CM002
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SCALE	AS NOTED
DATE	11/01/2020

A-801

2



1 M-201 HYDRONIC MODIFICATIONS
SCALE: 1/4" = 1'-0"

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2	9/20/22	ADDENDA 1

DRAWING TITLE:
ZONE 1 HYDRONIC

JOB NO.	CM002
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SCALE	AS NOTED
DATE	11/01/2020

M-201

ID	FIXTURE	TYPE	MANUFACTURER	MODEL NO.	
<u>WC-1</u>	WATER CLOSET	WALL HUNG	AMERICAN STANDARD	Series:	AFWALL MILLENIUM 1.6 GPF FLUSHOMETER SYSTEM W/ HARD-WIRED FLUSH VALVE
				Finish:	WHITE
				Model No.:	2257.660
				Barrier Free:	COMPLIANT
<u>UR-1</u>	URINAL	WALL HUNG	AMERICAN STANDARD	Series:	PINTBROOK 0.125 GPF URINAL SYSTEM W/ HARD WIRED-POWERED FLUSH VALVE
				Finish:	WHITE
				Model No.:	6002.525.020
				Barrier Free:	COMPLIANT
<u>FV-1</u>	FLUSH VALVE	--	AMERICAN STANDARD	Series:	SELECTRONIC SENSOR-OPERATED TOILET FLUSH VALVE; HARD WIRED AC POWER, BASE MODEL
				Finish:	CHROME
				Model No.:	606B.161
				Barrier Free:	COMPLIANT
<u>LAV-1</u>	LAVATORY	UNDERCOUNTER	TOTO	Series:	TOTO/ UNDER COUNTER LAVATORY
				Finish:	#01 COTTON w/ CEFIONTECT GLAZING
				Barrier Free:	LT191(G) COMPLIANT
<u>LAV-1*</u>	FAUCET	DECK MOUNTED	DELTA	Series:	MODERN COMMERCIAL* SINGLE HANDLE BATHROOM FAUC.
				Finish:	CHROME
				Model No.:	567LF-GPM-PP
				Barrier Free:	COMPLIANT
<u>SHR-1</u>	SHOWER PANEL COMBO	RECESSED MOUNTED	BRADLEY CORP.	Series:	CHASE MOUNTED SX PANEL SHOWER
				Finish:	STAINLESS STEEL
				Model No.:	SXWS9551
				Barrier Free:	N/A
<u>SHR-2</u>	SHOWER PANEL COMBO	RECESSED MOUNTED	BRADLEY CORP.	Series:	RECESSED MOUNTED ADA COMPLIANT
				Finish:	WALL SHOWER/SEAT
				Model No.:	STAINLESS STEEL
				Barrier Free:	HN200 (ADA-SHOWER/SEAT) COMPLIANT
<u>FD-1</u>	TRENCH DRAIN	RECTANGULAR GRATE	SCHLUTER KERDI-DRAIN	Series:	COMMERCIAL S.S. W/ 70" LINEAR GRATE
				Finish:	STAINLESS STEEL
				Model No.:	KLV 60 E 180
				Barrier Free:	KLB 19 EB 180 (B) COMPLIANT
<u>FD-2</u>	FLOOR DRAIN	SQUARE GRATE	SCHLUTER KERDI-DRAIN	Series:	COMMERCIAL 6" S.S. SQUARE GRATE (6E)
				Finish:	STAINLESS STEEL
				Model No.:	KDA/E/6E
				Barrier Free:	COMPLIANT
<u>FD-3</u>	FLOOR DRAIN	SQUARE GRATE	SCHLUTER KERDI-DRAIN	Series:	
				Finish:	
				Model No.:	
				Barrier Free:	
<u>FCO</u>	FLOOR CLEAN OUT	SQUARE GRATE	SCHLUTER KERDI-DRAIN	Series:	6" COMMERCIAL S.S. GRATE
				Finish:	STAINLESS STEEL
				Model No.:	6 CE
				Barrier Free:	COMPLIANT
<u>MR-1</u>	MOP RECEPTOR	28" FLOOR MT'D W/ DROP FRONT	AMERICAN STANDARD	Series:	FLORWELL 28 X 28 IN SERVICE SINK
				Finish:	CAST IRON/ WHITE
				Model No.:	MF # 7741000.020
				Barrier Free:	---
<u>MR-1*</u>	MOP RECEPTOR FAUCET	WALL MOUNT	AMERICAN STANDARD	Series:	RIGID UTILITY SINK FAUCET/ VANDAL RESISTANT
				Finish:	ROUGH CHROME FINISH
				Model No.:	MF # 8350235.004
				Barrier Free:	---
<u>BW-1</u>	BOOT WASH FAUCET/ WASHDOWN	SURFACE MOUNTED	T & S BRASS & BRONZE WORKS	Series:	CHROME PLATED WASHDOWN STATION W/ ¾" MIXING VALVE, THERMOMETER, 50FT HOSE, STAINLESS STEEL WATER GUN & HOSE RACK
				Model No.:	MV-0771-12CW
				Compliance:	NSF 61 (NON-POTABLE)

PLUMBING GENERAL NOTES

1. PRIOR TO SUBMISSION OF BID, VISIT THE SITE AND VERIFY AND BECOME FAMILIAR WITH RELATIVE LOCATIONS AND EXISTING CONDITIONS. BIDS SUBMITTED WILL BE INTERPRETED TO MEAN THAT THE CONTRACTOR VISITED THE SITE AND ALL COSTS AND CHARGES MADE NECESSARY BY THE EXISTING CONDITIONS ARE INCLUDED.
2. DRAWINGS INDICATE GENERAL LOCATION OF WORK INCLUDED. PLUMBING CONTRACTOR SHALL COORDINATE LOCATION OF WORK WITH ALL OTHER TRADES. COORDINATE WITH FINAL LOCATION OF THE PLUMBING FIXTURES WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS.
3. PROVIDE ALL FIXTURES, AND EQUIPMENT IN CONFORMANCE WITH MANUFACTURERS RECOMMENDATIONS AND AUTHORITY HAVING JURISDICTION. COORDINATE ALL ROUGH-IN INFORMATION WITH FIXTURE AND EQUIPMENT SUPPLIERS.
4. PROVIDE HANDICAPPED FIXTURES IN CONFORMANCE WITH THE AMERICANS DISABILITY ACT (ADA). INSULATE ALL PIPING BELOW ADA FIXTURES. COORDINATE COLORS WITH ARCHITECT. WHERES NOTED.
5. INSTALL ISOLATION VALVES ON ALL BRANCH PIPING UNLESS OTHERWISE NOTED. PROVIDE SHUT OFF VALVES TO ALL FIXTURES AND EQUIPMENT.
6. PROVIDE WATER HAMMER ARRESTORS ON DOMESTIC WATER PIPING IN CONFORMANCE WITH THE PLUMBING AND DRAINAGE INSTITUTE.
7. CONNECT ALL SERVICE BRANCHES TO TOP OF SERVICE MAINS WHERE POSSIBLE. PROVIDE DRAIN VALVES AT ALL LOW POINTS IN SERVICE PIPING SYSTEMS.
8. INSULATE ALL DOMESTIC COLD WATER, HOT WATER PIPING WITH 1" THICK FIBERGLASS PIPE INSULATION AND ALL PURPOSE PVC JACKET OR AS SPECIFIED.
9. JUDGE ALL WASTE PIPING IN CONFORMANCE WITH APPLICABLE CODES AND THE AUTHORITY HAVING JURISDICTION. PROVIDE SLOPE UNLESS OTHERWISE NOTED.
10. SUPPORT ALL PIPING IN CONFORMANCE WITH MSS-89 AND THE AUTHORITY HAVING JURISDICTION.
11. ALL PIPING PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE PROTECTED WITH UL LISTED FIREPROOFING SYSTEM TO MATCH THE RATING OF THE WALL OR FLUKE.
12. PROVIDE NEC REQUIRED PIPE CLEARANCE ABOVE AND AROUND ANY ELECTRICAL EQUIPMENT, PANES ETC.
13. WHENEVER CONNECTING TO EXISTING PIPING SYSTEMS, INSPECT PIPING FOR DEFECTS. NOTIFY OWNERS REPRESENTATIVE IF EXISTING PIPING IS FOUND TO BE IN UNSATISFACTORY CONDITION TO DETERMINE IF REPLACEMENT IS NECESSARY.
14. COORDINATE ALL SYSTEM SHUT DOWN TIMES WITH OWNERS REPRESENTATIVE.
15. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THERE SHALL BE NO RESPONSIBILITY TO AREAS NOT IN SCOPE OR UNDER CURRENT CONSTRUCTION. WHERE THERE IS INTERFERED EXCEPT BY SCHEDULED SHUT-DOWN COORDINATED WITH THE OWNER. PROVIDE TEMPORARY PIPING, ETC. AS REQUIRED TO OTHER AREAS OF THE FIXTURES IN OPERATION IF THEIR SERVICES WILL BE INTERRUPTED BY THE WORK UNDER THIS CONTRACT. WITH FOLLOWS, BUT IS NOT LIMITED TO, PROVIDING TEMPORARY PIPING, DRAINAGE, ETC.
16. PLUMBING WORK SHALL BE DONE AT SUCH TIME, AND IN SUCH MANNER, AS WILL LEAST INTERFERE WITH THE MAINTENANCE AND OPERATION OF THE BUILDING OR THE WORK THEREON. NOT INTERFERE WITH THE QUIET ENJOYMENT OF THE BUILDING BY OTHER TENANTS.

PIPE LOCATION NOTES	
(1)	CONCEALED IN CEILING SPACE ABOVE
(2)	EXPOSED ON STRUCTURE ABOVE
(3)	CONCEALED IN CEILING SPACE, BELOW FLOOR
(4)	EXPOSED ON STRUCTURE, BELOW FLOOR
(5)	BELOW GRADE
(6)	RACK ON WALL, BELOW COUNTER TOP
(7)	ABOVE FLOOR
(8)	RUN THROUGH OR BETWEEN BAR JOIST
(9)	CONCEALED BELOW RAISED FLOOR

ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AP	ACCESS PANEL
BLOG	BUILDING
CB	COMPRESSED AIR
CB&V	CURB BOX & VALVE
CP	CAST IRON PIPE
CLS	CEILING
CO	CLEANING
CONN	CONNECTION
CTL	COUNTERTOP LAVORATORY
CTS	COUNTERTOP SINK
CU	COLD WATER
CWFU	COLD WATER FIXTURE UNIT
DI	DEIONIZED WATER
DN	DOWN
DWG	DRAWING
DW	DISHWASHER
DFU	DRAINAGE FIXTURE UNIT
EC	ELECTRICAL CONTRACTOR
EL	ELEVATION
EQUIP	EQUIPMENT
(E)	EXISTING ITEM
(ED)	EXISTING ITEM TO BE DEMOLISHED
(ER)	EXISTING ITEM TO BE RELOCATED
EW	ELECTRIC WATER COOLER
FA	FROM ABOVE
FB	FROM BELOW
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FFC	FIRE PROTECTION CONTRACTOR
GA	GAS(URAL)
G	GENERAL CONTRACTOR
GD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HW	HOT WATER
HWFU	HOT WATER FIXTURE UNIT
HWR	HOT WATER RETURN
IC	ICE MAKER
INV	INVERT ELEVATION
LA	LABORATORY AIR
LAV	LAVORATORY
LDR	LEADER
MH	MANHOLE
MA	MEDICAL AIR
MC	MECHANICAL CONTRACTOR
MR	MOP RECEPTOR
(N)	NEW
N	NITROGEN
NO	NORMALLY CLOSED
NO	NORMALLY OPEN
N ₂ O	NITROUS OXIDE
NTS	NOT TO SCALE
NP	NON PORTABLE
O ₂	OXYGEN
PP	PLUMBING CONTRACTOR
PPE	POLYPROPYLENE
PRESS	PRESSURE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PVC	POLY VINYL CHLORIDE
(RL)	RELOCATED ITEM
RWC	RAINWATER CONDUCTOR
SAN	SANITARY
SK	SINK
S	STACK
SHR	SHOWER
SS	SERVICE SINK
TB	THRUST BLOCK
TDH	TOTAL DYNAMIC HEAD
UR	URINAL
V	VENT
VAC	VACUUM
VF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
W	WASTE
WCO	WATER CLEANOOUT
W/	WITH
W/O	WITH OUT
W.C.	WATER COLUMN
WC	WATER CLOSET

----	COLD WATER PIPING
----	HOT WATER PIPING
----	HOT WATER RECIRCULATION PIPING
----	SANITARY OR WASTE PIPING
----	STORM WATER PIPING
----	VENT PIPING
—W—	INDIRECT WASTE PIPING
—X—	SPECIAL PIPING SYSTEM (G, A ETC. LETTER DENOTES SERVICE)
=====	PIPING W/ FREEZE PROTECTION
----	COLD WATER PIPING (EXISTING)
----	HOT WATER PIPING (EXISTING)
----	HOT WATER RECIRCULATION PIPING (EXISTING)
----	SANITARY OR WASTE PIPING (EXISTING)
----	STORM WATER PIPING (EXISTING)
----	VENT PIPING (EXISTING)
—W—	INDIRECT WASTE PIPING (EXISTING)
—X—	EXISTING PIPING (G, CA, ETC. LETTER DENOTES SERVICE)
— —	CLEANOUT
—(C)—	FLOOR CLEANOUT
—(C)—	CLEANOUT AT GRADE (W/CONC PAD)
⊥ (V)	GATE VALVE (N VERTICAL)
⊥	BALL VALVE
⊥	CHECK VALVE
⊥	FLOW BALANCING VALVE (HWR SYSTEMS)
⊥	BUTTERFLY VALVE
⊥	PLUG VALVE
⊥	GLOBE VALVE
⊥	TRIPZ BACKFLOW PREVENTER W/ BALL VALVES
⊥	DOUBLE CHECK BACKFLOW PREVENTER (BALL VALVES)
⊥	DOUBLE CHECK BACKFLOW PREVENTER (GATE VALVES)
⊥	GAS COOK
⊥	PRESSURE REGULATING VALVE
⊥	SOLENOID VALVE
⊥	RELIEF VALVE (PRESSURE & TEMPERATURE)
⊥	TRAP
⊥	PIPE DROP
⊥	ELBOW TURNED DOWN
⊥	ELBOW TURNED UP OR RISER
⊥	PIPE CAP
⊥	45° OFFSET OR DROP
⊥	STRAINER
⊥	REDUCER (CONCENTRIC / ECCENTRIC)
⊥	WATER HAMMER ARRESTER
⊥	TRAP PRIMER
⊥	BOX TYPE HYDRANT (NON FREEZE)
⊥	FAUCET/NEEDLE VALVE CONNECTION(LETTER DENOTES SERVICE)
⊥	QUICK DISCONNECT (LETTER DENOTES SERVICE)
⊥	HOSE BIBB
⊥	UNION
⊥	PIPE GUIDE & PIPE ANCHOR
⊥	PRESSURE GAUGE W/ NEEDLE VALVE
⊥	THERMOMETER, TEMPERATURE GAUGE
⊥	FLOOR DRAIN
⊥	FLOOR DRAIN W/ FUNNEL
⊥	ROOF DRAIN
⊥	EXISTING PIPING TO BE REMOVED
⊥	DIRECTION OF FLOW
⊥	CONNECT TO EXISTING
⊥	EXTENT OF DEMOLITION
⊥	PLUMBING EQUIPMENT DESIGNATOR
⊥	SANITARY STACK NUMBER
⊥	WASTE STACK NUMBER
⊥	VENT STACK NUMBER
⊥	GAS RISER NUMBER
⊥	GREASE WASTE RISER
⊥	RAINWATER CONDUCTOR NUMBER
⊥	COLD WATER WASTE RISER NUMBER
⊥	HOT WATER RISER NUMBER
⊥	DETAIL DESIGNATION
⊥	DETAIL NO.
⊥	SECTION DESIGNATION
⊥	SECTION NO.
⊥	DWG NO.

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DRAWING TITLE:

PLUMBING COVER
SHEET

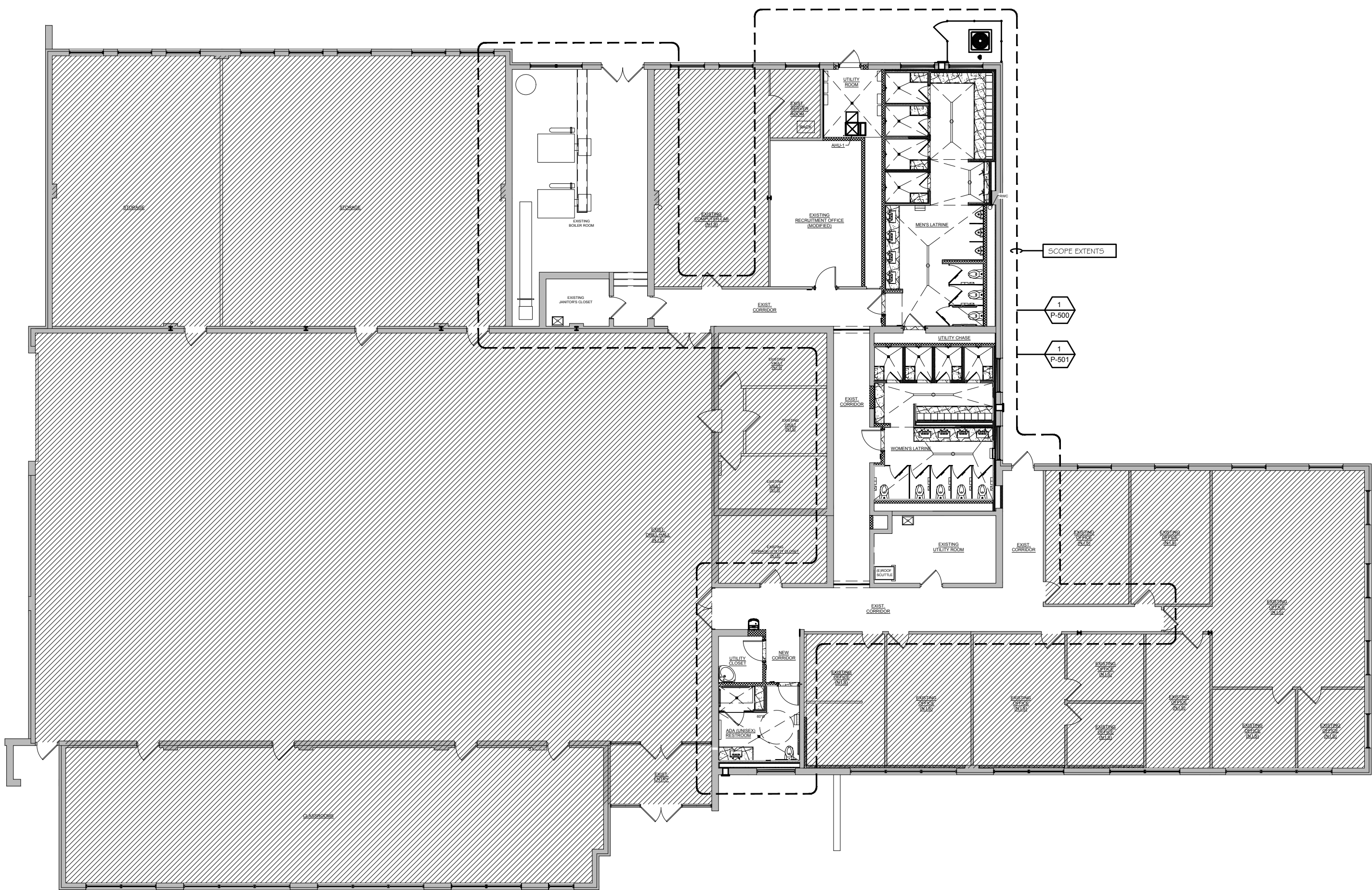
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P-100

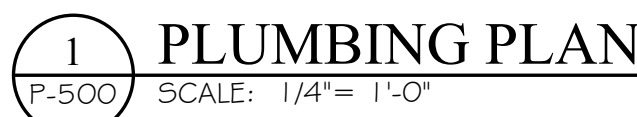
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NOTES: ALL SIZES SHOWN ARE MINIMUMS, SEE PLANS FOR EXCEPTIONS
NOT ALL FIXTURES LISTED MAY APPEAR ON PLANS

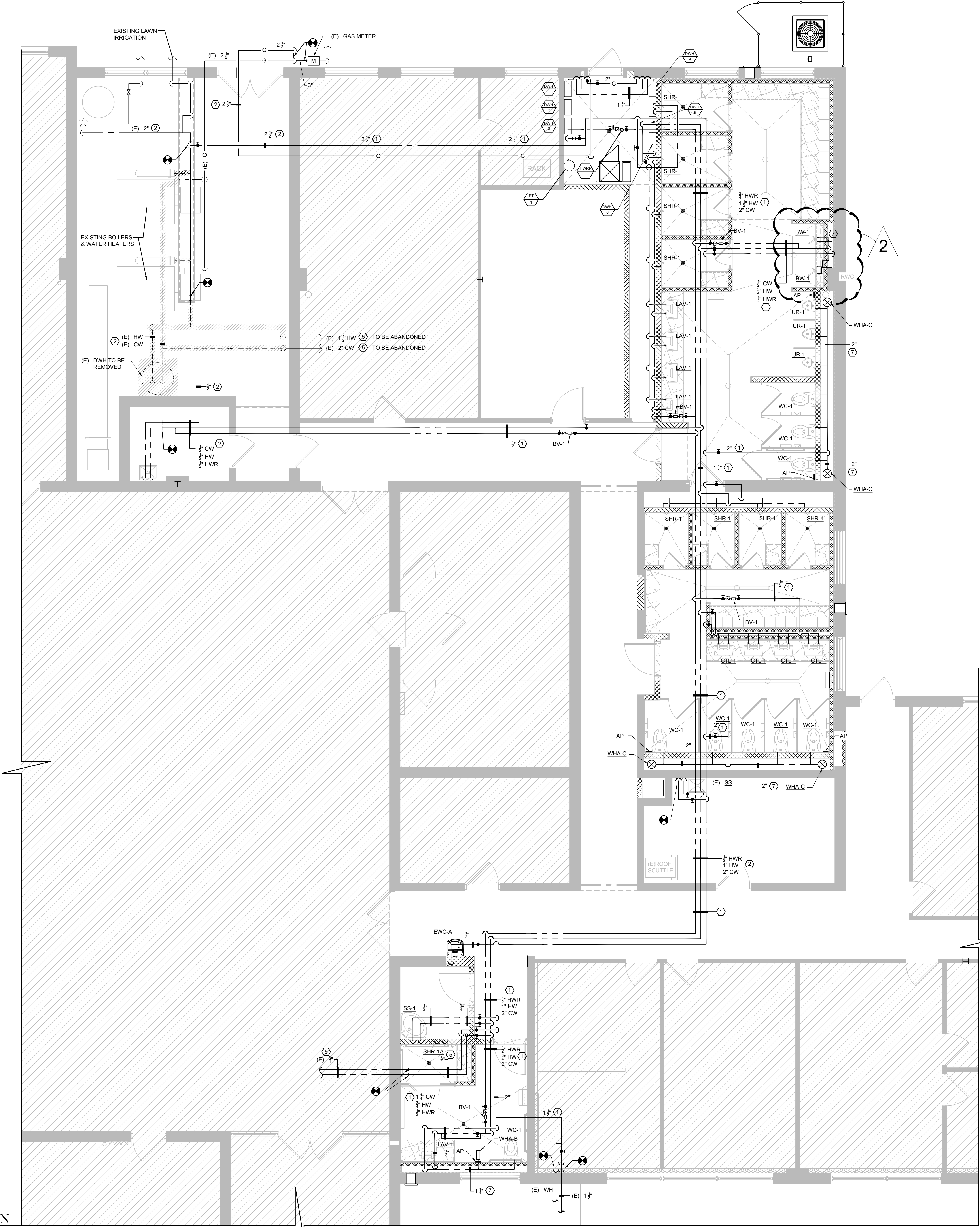
PLUMBING EQUIPMENT SCHEDULE					
No.	ITEM & MANUFACTURER	LOCATION	CAPACITY	ELECTRICAL REQUIREMENTS	NOTES & REMARKS
DWH-16	DOMESTIC WATER HEATERS (6), FREEZE, MODEL: RTR-IH#630 DIXON W/ DIRECT VENT SP20008E, POLYPROPYLENE DIRECT VENT AND AIR INTAKE	CLOSET	22.5 GALLONS PER MINUTE TOTAL @ 100 DEGREES F DELTA T (199.00 BTU/s NATURAL GAS EACH 4" TO 10" WC)	115V-60HZ-1PH	PROVIDE EZ LINK MANIFOLD HEATER CONTROLS, FOR HOT WATER RETURN PUMP CIRCULATION, ECONET LEAK DETECTION PD 415150, AND CONDENSATE NEUTRALIZATION FOR EACH HEATER.
HWRP-1	HOT WATER RETURN PUMP, TACO, 006-SC4-1PNP	CLOSET	4GPM @ 8 FT. HEAD (3/4" UNION CONNECTION)	115V-60HZ-1PH, 3200 RPM, 1/40HP 6.52 AMPS	INTERGRAL ANALOG TIME CLOCK, & 6' POWER CORD
ET-1	EXPANSION TANK, THERM-X- TROL, ST-20C	CLOSET	TOTAL VOLUME 6.0 GALS.	NONE	
BV-1	THERM-OMEGA-TECH. CIRCUIT SOLAR, CS-121*130	ABOVE CEILING	0v 1.3 OPEN, 0.22 CLOSED, DESIGN 0.6	NONE	



1 OVERALL PLUMBING KEY PLAN
P-100 SCALE: N.T.S.



P-500



1 PLUMBING PLAN
P-501 SCALE: 1/4" = 1'-0"

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PROJECT NORTH

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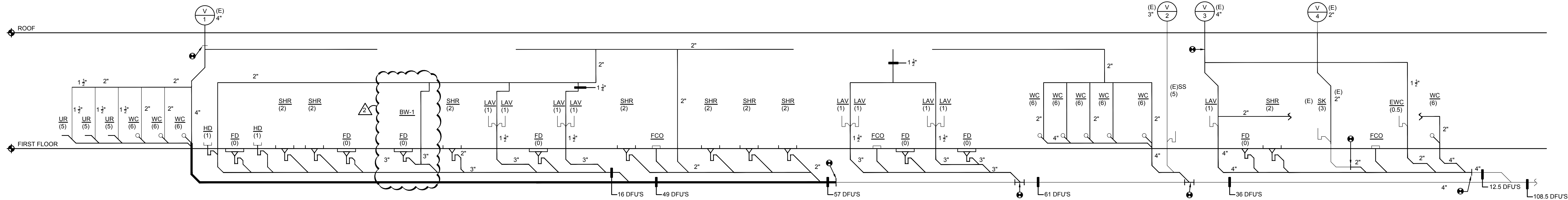


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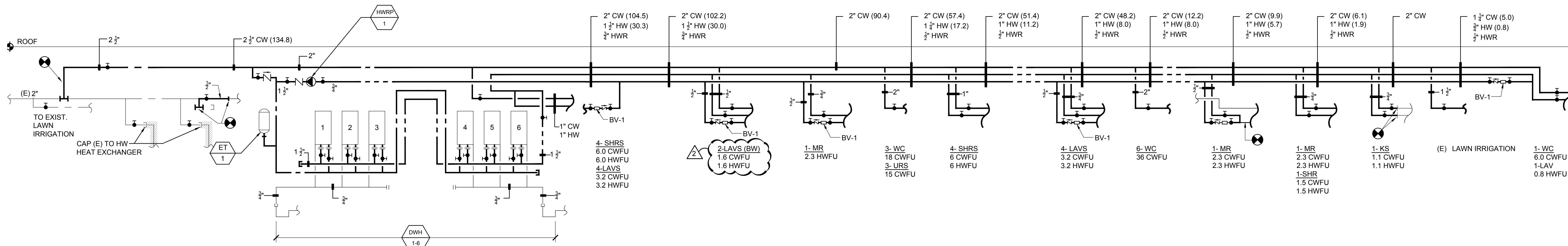
DRAWING TITLE:
PLUMBING
WATER PIPING PLANS

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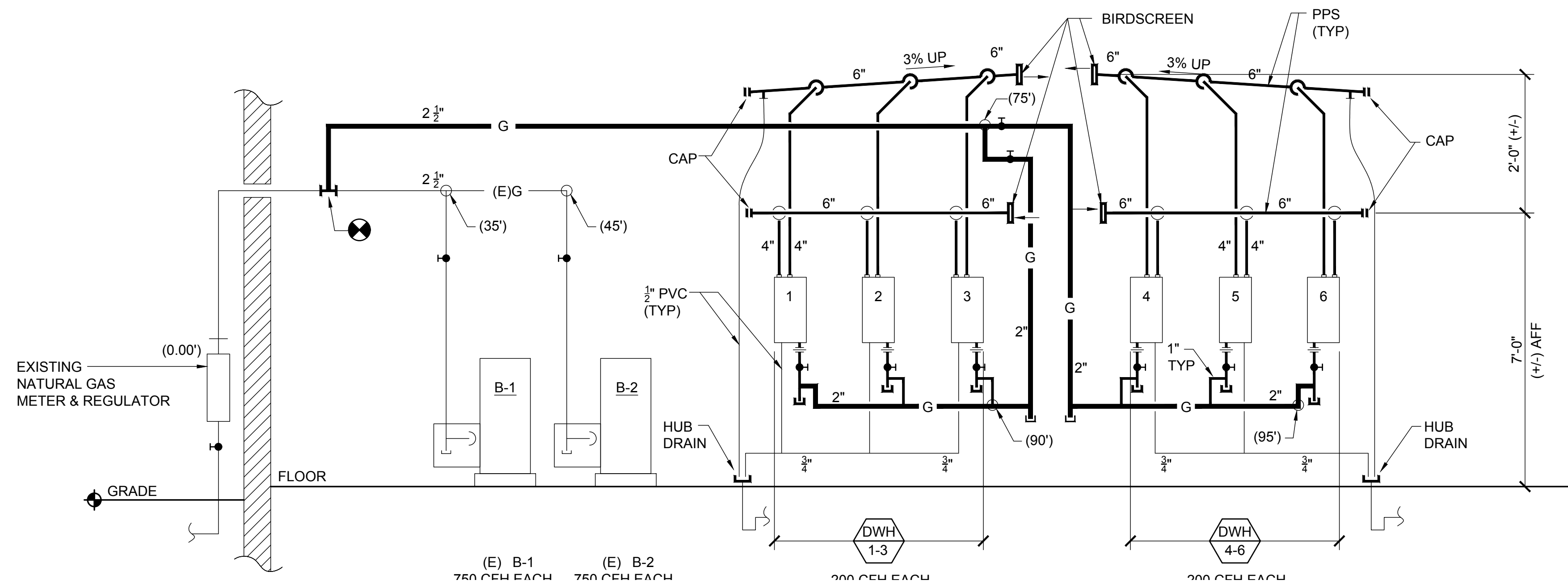
P-501



1 SANITARY RISER DIAGRAM
P-600 SCALE: N.T.S.



2 DOMESTIC WATER DIAGRAM
P-600 SCALE: N.T.S.



3 NATURAL GAS RISER DIAGRAM
P-600 SCALE: N.T.S.

NATURAL GAS	
INLET PRESS:	2.0 PSI MAX
PRESS DROP:	0.5
SPEC. GRAV.:	0.60

IFGC
INTERNATIONAL FUEL GAS CODE IN W.C.
402.4 (2)

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PROJECT NORTH

PROPOSED LATRINE & SHOWER ROOM
EXPANSION & REHABILITATION:
NJ NATIONAL GUARD ARMORY (NJDAMAVA)
CAPE MAY ARMORY
600 GARDEN STATE PARKWAY
CAPE MAY COURT HOUSE, NEW JERSEY

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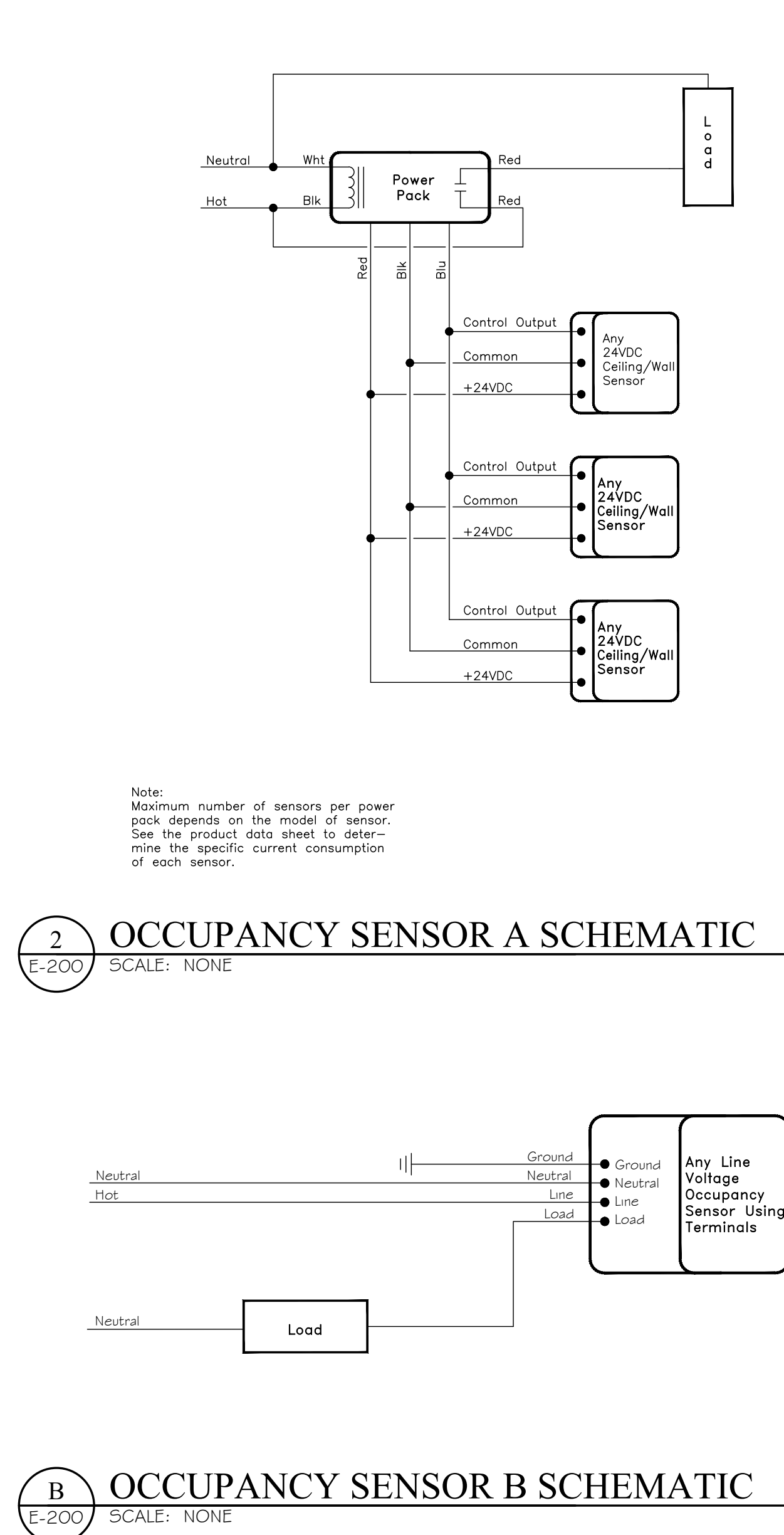


REVISIONS:		
ISSUE	DATE	DESCRIPTION
1	8/25/22	BID ISSUE
2	9/20/22	ADDENDA 1










DRAWING TITLE:
RISER DIAGRAMS

JOB NO.	CM002
DRN. BY	CD
CHK'D	TJD
SCALE	AS NOTED
DATE	11/01/2020

P-600



LIGHT FIXTURE SCHEDULE												
MARK	SYMBOL	TYPE	SIZE	MANUFACTURER	MODEL #	FINISH	WATTAGE	COLOR TEMP	VOLTAGE	FIXTURE RATING	MOUNTING HEIGHT	
SM-1		WALL / SURFACE MOUNTED	20"	4WLED VISTA BATH BAR	WACP153404	BRUSHED ALUMINUM	21 WATT (1500 LUMENS)	3,000 K	120 V / 277 V	INTEGRATED LED	DAMP	--
SM-2		LED OUTDOOR WALL PACK WITH INTEGRAL PHOTOCELL	6"X11"	HUBBELL	NRG-356L-5K-U	BROZGE	17 WATT (1800 LUMENS)	5,000 K	120 V	OUTDOOR	--	--
R-1		RECESSED	3"	HALO 3" LED ENDED SHOWERLIGHT WITH REMOTE	HLB35-05-945-1E-MW	WHITE	(500 LUMENS)	4,000 K	120 V	WET & DAMP	--	--
L-1		LAY-IN / SURFACE MT. LED ULTRA THIN PANEL	Z 4' x 4'	METALUX AP	24FP LED	WHITE	--	4,000 K	120 V / 277 V DRIVER W/ 0-10V DIMMING	INDOOR DAMP	--	--
L-2		LAY-IN / SURFACE MT. LED ULTRA THIN PANEL	Z 2' x 2'	METALUX AP	22 FP LED	WHITE	--	4,000 K	120 V / 277 V DRIVER W/ 0-10V DIMMING	INDOOR DAMP	--	--
OS x-z	x - TYPE z - GROUPINGS OF OS	OCCUPANCY SENSOR		WATTS TOPPER	TYPE A - DT-300 TYPE B - DT-355	WHITE		--	--	--	REFER TO DETAILS AND SCHEDULE DRAWING FOR ADDITIONAL WIRING	
F-1		EXHAUST FAN (BATHROOM)		GREENHECK	SP-B150	WHITE	126	--	--	--	--	--

MARK	TYPE	MANUFACTURER	MODEL #	MOUNTING HEIGHT	POWER REQUIREMENTS
	AUDIO VISUAL FIRE ALARM SIGNAL COMBINATION FIRE ALARM HORN & STROBE LIGHT UNIT	FCI	COMPATIBLE WITH EXISTING FACIP IN BOILER ROOM	WALL	PROVIDE EXTENDER PANEL (IF REQUIRED)
	VISUAL FIRE ALARM SIGNAL VISUAL SIGNAL ONLY	FCI	COMPATIBLE WITH EXISTING FACIP IN BOILER ROOM	WALL	PROVIDE EXTENDER PANEL (IF REQUIRED)
	MANUAL PULL STATION	FCI	COMPATIBLE WITH EXISTING FACIP IN BOILER ROOM	WALL	
	FIXED TEMPERATURE HEAT DETECTOR	FCI	COMPATIBLE WITH EXISTING FACIP IN BOILER ROOM	CEILING MOUNT	
	PHOTOELECTRIC SMOKE DETECTOR	FCI	COMPATIBLE WITH EXISTING FACIP IN BOILER ROOM	CEILING MOUNT	
 EX-15'	CEILING MOUNTED EXIT LIGHT - DIRECTIONAL ARROWS WHERE INDICATED - SHADED AREAS INDICATE ILLUMINATED FACES/PAGES 'A' = FIXTURE TYPE	ATLITE AUX SERIES	SERIES: FINISH: SELF DIAGNOSTICS LENS: SELF POWERED (AUXS) BLACK SELF DIAGNOSTICS (SELF-POWERED) 6" LETTERS	CEILING MOUNT	DUAL VOLTAGE INPUT 120/277 VAC 60 HZ CONNECT TO NEAREST LIGHTING CIRCUIT AHEAD OF SWITCHING/OCCUPANCY SENSOR CONTROL
 EX-15'	WALL MOUNTED EXIT LIGHT - DIRECTIONAL ARROWS WHERE INDICATED - SHADED AREAS INDICATE ILLUMINATED FACES/PAGES 'A' = FIXTURE TYPE	ATLITE AUX SERIES	SERIES: FINISH: SELF DIAGNOSTICS LENS: SELF POWERED (AUXS) BLACK SELF DIAGNOSTICS (SELF-POWERED) 6" LETTERS	WALL MOUNT	DUAL VOLTAGE INPUT 120/277 VAC 60 HZ CONNECT TO NEAREST LIGHTING CIRCUIT AHEAD OF SWITCHING/OCCUPANCY SENSOR CONTROL
 EX-24"	CEILING MOUNTED EMERGENCY LIGHT & EXIST COMBINATION: DIRECTIONAL ARROWS WHERE INDICATED - SHADED AREAS INDICATE ILLUMINATED FACES/PAGES 'A' = FIXTURE TYPE	ATLITE AUX SERIES	SERIES: FINISH: SELF DIAGNOSTICS LENS: ACCESSORIES: SELF POWERED (AUXS) BLACK SELF DIAGNOSTICS (SELF-POWERED) 6" LETTERS AUX(A) (IF FIRE ALARM INTERFACE MODULE)	WALL MOUNT	DUAL VOLTAGE INPUT 120/277 VAC 60 HZ CONNECT TO NEAREST LIGHTING CIRCUIT AHEAD OF SWITCHING/OCCUPANCY SENSOR CONTROL
 EX-24"	WALL MOUNTED EMERGENCY LIGHT & EXIST COMBINATION: DIRECTIONAL ARROWS WHERE INDICATED - SHADED AREAS INDICATE ILLUMINATED FACES/PAGES 'A' = FIXTURE TYPE	ATLITE AUX SERIES	SERIES: FINISH: SELF DIAGNOSTICS LENS: ACCESSORIES: SELF POWERED (AUXS) BLACK SELF DIAGNOSTICS (SELF-POWERED) 6" LETTERS AUX(A) (IF FIRE ALARM INTERFACE MODULE)	WALL MOUNT	DUAL VOLTAGE INPUT 120/277 VAC 60 HZ CONNECT TO NEAREST LIGHTING CIRCUIT AHEAD OF SWITCHING/OCCUPANCY SENSOR CONTROL

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DRAWING TITLE:

ELECTRICAL
LIGHTING PLAN &
SCHEDULE

JOB NO.	CM002
DRN. BY	CD
CHK'D	TJD
SCALE	AS NOTED
DATE	11/01/2020

E-200



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1	8/25/22	BID ISSUE
2	9/20/22	ADDENDA 1

DRAWING TITLE:
ELECTRICAL
POWER PLANS

JOB NO.	CM002
DRN. BY	CD
CHK'D	TJD
SCALE	AS NOTED
DATE	11/01/2020

E-201

NOTES:

1. THE ABOVE SCHEDULE IS BASED ON 600 VOLT WIRE TYPE THWN/XHHW AND EMT/RGS CONDUIT
2. MC CABLE SHALL BE USED WHEN CONCEALED ABOVE CEILING OR WALLS. RGS TO BE USED WHEN RUN EXPOSED.

1. THE ABOVE SCHEDULE IS BASED ON 600 VOLT WIRE TYPE THWN/XHHW AND EMT/RGS CONDUIT
2. MC CABLE SHALL BE USED WHEN CONCEALED ABOVE CEILING OR WALLS. RGS TO BE USED WHEN RUN EXPOSED.

* EXISTING EXISTING BRANCH CIRCUITS TO REMAIN AND BE EXTENDED TO NEW PANEL BOARD. PRIOR TO DEMOLITION CONFIRM EXISTING WIRE SIZE AND BRANCH CIRCUIT BREAKER SIZES AND POLES	Connected			Demand		Surface	X
	Lighting	0.0	0.0			Internal Surge Protection	X
	Appliance	13.3	13.3	Phase A	17.0	Door-in-Door	X
	A/C	5.0	5.0	Phase B	17.6	Service Entrance Rated	X
	Heating	0.0	0.0	Phase C	16.8	Provide locking provision on Main and Branch Circuit Breakers	X
	Misc	9.1	9.1			Feed Thru Lugs	X
	Exist'g Load	22.5	22.5				
	Total(kva)	49.8	49.8				

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PROJECT NORTH

2
E-300

Notes:								Accessories:	
*1	Provide AFCI Type	Connected			Demand			Surface	X
*2	Provide GFCI Type	Lighting	1.5	1.5				Internal Surge Protection	
*3	Provide locking provision on Circuit Breaker(s)	Appliance	5.0	5.0	Phase A	6.7	Door-In-Door	X	
		A/C	5.0	5.0	Phase B	7.3	Service Entrance Rated	X	
		Heating	0.0	0.0	Phase C	6.5	Provide locking provision on Branch Breakers	X	
		Misc	9.1	9.1				Feed Thru Lugs	
		Exist'g Load	0.0	0.0					
		Total(kva)	20.5	20.5					




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ELECTRICAL PANEL SCHEDULES AND DETAILS

JOB NO.	CM002
DRN. BY	CD
CHK'D	TJD
SCALE	AS NOTED
DATE	11/01/2020

E-300





Addenda Acknowledgement

PROJECT INFORMATION:

Project Number: CM002

Project Name: Bathroom Renovations at
Cape May National Guard Armory

Project Address: 600 Garden State Parkway
Cape May Court House, NJ 08210

Subject Matter: **Addenda #1**
RFI Responses & Clarifications

All competing firms shall acknowledge receipt of the attached documents by returning a copy of this form with their formal Bid response.

Additionally, Bidders shall also email a copy of the completed form at their earliest convenience to the DMAVA Project Officer, Mirza Baig Mirza.baig@dmava.nj.gov and copy TJD Architects & Engineers, Christina D'Arrigo cdarrigo@tjdarchitects.com for the record.

Date Received:

Firm Name:

Address:

Signature:

Title