

State of Florida
Department of Transportation
District Six Procurement Office
1000 NW 111 Avenue
Miami, Florida 33172

INVITATION TO BID REGISTRATION

PLEASE COMPLETE AND RETURN THIS FORM ASAP
FAX TO (305) 470-5309 OR E-MAIL TO d6.contracts@dot.state.fl.us.

Contract Number: E-6M82

Title: District Six Auditorium Restrooms Renovation Project.

Bid Due Date & Time (On or Before): Tuesday, October 22, 2019 at 10:00 A.M.

Potential bidders should notify our office by returning this Bid Registration Form as soon as possible after downloading. Complete the information below and fax this sheet only to the Florida Department of Transportation Procurement Office at (305) 470-5309, or e-mail to D6.contracts@dot.state.fl.us.

THE INVITATION TO BID DOCUMENT YOU RECEIVED IS SUBJECT TO CHANGE. Notice of changes (Addenda), will be posted on the D6 Contracts Administration website under this Contract number at:
<http://www.dot.state.fl.us/contractsadministrationdistrict6/FCO/FCO.shtm>.

It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting your bid.

Company Name: _____

FEIN#: _____

Address: _____

City, State, Zip: _____

Telephone: (____) _____ Fax Number: (____) _____

Contact Person: _____

Internet E-Mail Address: _____

For further information on this process, e-mail or telephone: Sally Dobson at (305) 470-5134 or d6.contracts@dot.state.fl.us.

SCHEDULE

Provided below is a list of critical dates and actions. These dates are subject to change. It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting your bid.

ACTION / LOCATION	DATE	LOCAL TIME
MANDATORY PRE-BID MEETING Florida Department of Transportation Procurement Conference Room 6204 A 1000 NW 111 th Avenue Miami, FL 33172	9-25-2019	10:00 AM
DEADLINE FOR TECHNICAL QUESTIONS There is no deadline for administrative questions.	10-7-2019	05:00 PM
BIDS DUE (ON OR BEFORE) Florida Department of Transportation Procurement Office Room 6202-A 1000 NW 111 th Avenue Miami, FL 33172	10-22-2019	10:00 AM
PUBLIC OPENING Florida Department of Transportation Front Lobby 1000 NW 111 th Avenue Miami, FL 33172	10-22-2019	10:00 AM
POSTING OF INTENDED DECISION/AWARD D6 Contracts Administration website	10-29-2019	10:00 AM

BID OPENING AGENDA

The sealed bids will be opened by the Department's Procurement Office personnel at the date, time and location in the Timeline. All bid openings are open to the public and will be conducted according to the following agenda:

- Opening remarks
- Public input period – A maximum of 15 minutes total will be permitted for public input related to the bid solicitation.
- Open Bids
- Adjourn

SPECIAL ACCOMMODATIONS

Any person with a qualified disability requiring special accommodations at a pre-bid conference, public meeting, and/or opening shall contact the contact person at the phone number, e-mail address or fax number provided on the title page at least five (5) working days prior to the event. If you are hearing or speech impaired, please contact this office by using the Florida Relay Services which can be reached at 1 (800) 955-8771 (TDD).

SPECIAL CONDITIONS

MyFloridaMarketPlace

BIDDERS MUST BE REGISTERED IN THE STATE OF FLORIDA'S MYFLORIDAMARKETPLACE SYSTEM BY THE TIME AND DATE OF THE BID OPENING OR THEY MAY BE CONSIDERED NON-RESPONSIVE (see Special Condition 21). All prospective bidders that are not registered should go to <https://vendor.myfloridamarketplace.com/> to complete on-line registration, or call 1-866-352-3776 for assisted registration.

All payment(s) to the vendor resulting from this competitive solicitation **WILL** be subject to the MFMP Transaction Fee in accordance with the referenced Form PUR 1000 General Contract Condition #14. However, all vendors should be aware, that effective July 1, 2017 through June 30, 2018, in accordance with House Bill 5003 Sec.73, the Transaction Fee will be seven-tenths of one percent (.70%) of the payment issued. The Transaction Fees imposed shall be based upon the date of issuance of the payment.

Florida Department of Financial Services (DFS) W-9 REQUIREMENT

The Florida Department of Financial Services (DFS) requires all vendors that do business with the state to submit an electronic Substitute Form W-9. Vendors must submit their W-9 forms electronically at <https://flvendor.myfloridacfo.com> to receive payments from the state. Contact the DFS Customer Service Desk at (850) 413-5519 or FLW9@myfloridacfo.com with any questions.

QUESTIONS & ANSWERS

In accordance with section 287.057(23), Florida Statutes, respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72-hour period following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response.

Any technical questions arising from this Invitation to Bid must be forwarded, in writing, to the procurement agent identified below. Questions must be received no later than the time and date reflected on the Timeline. The Department's written response to written inquiries submitted timely by bidders will be posted on the D6 Contracts Administration website <http://www.fdot.gov/contracts/d6/> under this Contract number. It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting their bid.

WRITTEN TECHNICAL QUESTIONS should be submitted to: **Sally Dobson**, d6.contracts@dot.state.fl.us.

Questions regarding administrative aspects of the bid process should be directed to the Procurement Agent in writing at the address above or to **Sally Dobson**, d6.contracts@dot.state.fl.us.

ORAL INSTRUCTIONS / CHANGES TO THE INVITATION TO BID (ADDENDA)

No negotiations, decisions, or actions will be initiated or executed by a bidder as a result of any oral discussions with a State employee. Only those communications which are in writing from the Department will be considered as a duly authorized expression on behalf of the Department.

Notices of changes (Addenda) will be posted on D6 Contracts Administration website under this contract number. It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting your bid. All Addenda will be acknowledged by signature and subsequent submission of Addenda with bid when so stated in the Addenda.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DRUG-FREE WORKPLACE PROGRAM CERTIFICATION

375-040-18
PROCUREMENT
03/17

287.087 Preference to businesses with drug-free workplace programs. --Whenever two or more bids, proposals, or replies that are equal with respect to price, quality, and service are received by the state or by any political subdivision for the procurement of commodities or contractual services, a bid, proposal, or reply received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Does the individual responding to this solicitation certify that their firm has implemented a drug-free workplace program in accordance with the provision of Section 287.087, Florida Statutes, as stated above?

YES

NO

NAME OF BUSINESS: _____

State of Florida
Department of Transportation



EXHIBIT "A"
SCOPE OF WORK

DISTRICT SIX AUDITORIUM RESTROOMS

RENOVATION PROJECT

PROJECT CONTRACT NUMBER: E-6M82
FINANCIAL PROJECT NUMBER: 442729-1-52-01/442729-2-52-01

EXHIBIT "A"
SCOPE OF WORK
THE FLORIDA DEPARTMENT OF TRANSPORTATION,
DISTRICT 6, AUDITORIUM RESTROOMS RENOVATION
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EXHIBIT "A"
SCOPE OF WORK
THE FLORIDA DEPARTMENT OF TRANSPORTATION,
DISTRICT 6, MAIN BUILDING RESTROOMS RENOVATION PROJECT

1. PURPOSE

- 1.1. The Florida Department of Transportation, District 6 Headquarters (hereinafter referred to as "Department") seeks to obtain the services of a qualified, experienced, and licensed contractor to provide and perform the following:
- 1.1.1. The Vendor awarded this project through the Invitation to Bid process shall provide services the Department, two (2) complete, operational, and properly functioning bathrooms that have been tested as required during and after renovations, proven and documented to meet the manufacturers and the Department's specifications.
- 1.1.2. This project includes, but is not limited to: The preparation, provision and handling of all required permitting and permits, inspections, signed / sealed engineering drawings / plans, as-built drawings / plans, supervision, labor, materials, ancillary components, all equipment included in the scope, etc, all freight & freight expediting, supplies, equipment, mobilization, set up, all testing, construction site safety, maintenance, cleanup, site restoration including but not limited to patching / any repairs to damages resulting from this project, removal of old equipment and anything else required to complete the project to the Departments satisfaction at the Auditorium located at 1000 NW 111th Ave. Miami, Florida 33172.
- 1.2. The Contractor retained by the Department shall perform all work and various related services in a proper and workmanlike manner, providing only new and unused / undamaged first quality materials.
- 1.3. The Contractor's proposal shall include everything as required to properly fulfill the complete and total Scope of Work, as per the contract documentation.
- 1.3.1. Proposals that do not include the complete and total package presented in the required proposal format as requested will be considered incomplete and shall be deemed non-responsive.

2. OBJECTIVE

- 2.1. All services provided by the Contractor shall be in alignment with the Departments goals and objectives of substantially contributing towards preserving and maintaining a safe, healthy, clean, sanitary, and aesthetically pleasant working environment for the District Six Headquarters Office visitors and staff.

2.2. All information submitted by the Contractor shall be based upon their best pricing. Contractors are encouraged to use creativity and innovation when responding to this Invitation to Bid.

3. DEFINITIONS / DESCRIPTION: For the purposes of this Invitation to Bid process and potential awarding thereof, the following definitions shall apply.

3.1. **Contractor Staff:** Any one or more of the following, the Contractors direct and/or indirect employees, supervisor(s), management, including any person(s) / sub-contractor(s) / vendor(s) / agents or others assigned to this project and/or caused by the Contractor either directly and/or in-directly to be onsite.

3.2. **Contractor / Vendor:** The firm retained by the Department to provide all labor, training / supervision / services, materials / supplies, tools / equipment and services etc. As shown and defined herein and whom shall be ultimately held responsible for total Contract compliance of all terms and conditions of this Agreement.

3.3. **Contractor – Normal Working Hours:** Unless otherwise specifically authorized in advance by the Department in writing, all contractor services shall occur as indicated below:

3.3.1. The project work shall not interfere with the Department's normal operations. **Exceptions to this will require pre-approval by the Department Project Manager or designee.** Proposed Contractor work schedules (and any subsequent proposed schedule change requests) by the Contractor shall be submitted in advance for pre-approval by the Project Manager or designee.

3.3.2. While it is expected that the majority of this work will occur during regular day hours, night and/or weekend / holiday work hours may be required to perform and/or complete certain portions of the project.

3.4. **Contractor Contract Manager:** The person(s) assigned to this project by the Contractor, with signature authority of/for the Contractor, responsible for the overall contract management for the Contractors work operations at this site, authorized to make decisions regarding this contract, and responsible for ensuring that all terms and conditions of this contract are met by:

3.4.1. Safely and properly completing the scope of work within the terms and conditions of this contract, while maintaining compliance with all state / federal / local and Department requirements.

3.4.2. Overseeing overall contract compliance by developing, delegating and monitoring the progress of assignments to the Project Manager(s), Site Supervisor(s), Contractor Staff, and/or any Sub-contractor(s) as needed. This includes ensuring that adequate staffing is continually provided in a timely manner, and that the proper and timely completion of the services listed herein is continually achieved.

3.4.3. Responding to the Department's requests in a timely manner for meetings, inspections, special requests, problem notifications, etc., and serving as the Department's contact

person for the Contractor in matters relating to the Contract, as well as handling any performance or other project related concerns, as identified by the Department, in a professional and responsive manner.

- 3.4.4. Maintaining and providing current and accurate twenty-four-hour contact information for the Contractor in a method suitable to the Department. Providing to the Department's Project Manager, a listing of mobile phone numbers / office voice / fax numbers for the vendor's key personnel associated with this site. Providing timely notification to the Department of any site personnel changes, including but not limited to staff substitutions, terminations, hiring of new and/or replacement site staff / sub-contractors assigned by the Contractor to service this site.
- 3.5. **Contractor Project Manager(s):** The person(s) assigned to this project by the Contractor responsible for (including, but not limited to) the direct overall project management / supervision of the Site Supervisor(s), Contractor Staff, Sub-contractor(s) at this site, coordinating the scheduling of work projects with the Department, and ensuring that all services in this agreement are properly completed in a manner acceptable to the Department, this includes ensuring that appropriate training has been given to all of the Contractor employees as needed.
- 3.5.1. Ensuring that all contracted services requirements and tasks are properly completed in a timely manner by providing replacement workers in a timely manner upon "worker no-shows, absences etc."
- 3.5.2. **NOTE:** The Department shall not be responsible for any added costs due to the Contractor's duty and/or, inability to provide additional staffing and/or overtime as required in order to perform the services required by this contract, and/or to accommodate any staffing and/or any other shortages incurred by the Contractor.
- 3.5.3. Acting as liaison between the Contractor and the Department on any issues that are either inappropriate or un-resolvable at the Site Supervisor level.
- 3.5.4. Providing a complete, currently maintained, / updated listing of Material Safety Data Sheets for all supplies / chemicals utilized at this site by the Contractor and/or any sub-contractor(s). A full and complete copy shall also be provided to the Project Manager or designee. This listing and supplemental copy shall be kept current by providing updated copies and/or revisions as they occur.
- 3.6. **Department:** The Florida Department of Transportation, District Six.
- 3.7. **Department Project Manager:** The Department's authorized representative (or designee) responsible for the management of this contract and the enforcement of all terms and conditions of this Agreement.
- 3.8. **Department - Normal Working Hours:** For this Scope of Work, the Department's current normal working hours are from 8:00 AM to 5:00 PM, Monday through Friday, except

for nine State Holidays, declared state of emergency and days of state or national mourning etc.

- 3.9. **“Exhibit “A” or Exh. “ A” shall refer to:** This document, titled “EXHIBIT “A”, SCOPE OF WORK, THE FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT 6, AUDITORIUM RESTROOMS RENOVATION PROJECT” in its entirety, **AND also to any attachments.**
- 3.10. **“Exhibit “B” or Exh. “ B” shall refer to: :** “EXHIBIT “B”, METHOD OF COMPENSATION, THE FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT 6, AUDITORIUM RESTROOMS RENOVATION PROJECT” in its entirety.
- 3.11. **“Exhibit “C” or Exh. “ C” shall refer to: :** “EXHIBIT “C”, PRICE PROPOSAL, THE FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT 6, AUDITORIUM RESTROOMS RENOVATION PROJECT” in its entirety.
- 3.12. **Facilities / Site:** Unless otherwise specifically identified in writing, this shall be construed to mean ALL of the buildings / grounds area utilized by the Department located at 1000 NW 111th Avenue, Miami Florida, 33172.
- 3.13. **“Herein”** shall be construed to include the entire group of documents that comprise this entire Invitation to Bid, as well as any and all other related contract documents in their respective entirety.
- 3.14. **“I. T. B.”** shall refer to: THE FLORIDA DEPARTMENT OF TRANSPORTATION AUDITORIUM RESTROOMS RENOVATION PROJECT”, “Invitation to Bid process” itself, and to the derived document package, including any modifications that occur as a result of the negotiation process, and shall include all other related contract documents, exhibits, attachments etc.
- 3.15. **Site Supervisor(s):** The person(s) assigned to this site by the Contractor and responsible (including, but not limited to):
- 3.15.1. For being the onsite Contractor liaison with the Department for normal day-to-day and minor emergency operations and for providing continual onsite supervision of all Contractor Staff(s) and sub-contractors assigned to this site as well as being present at all times while any work is being performed by the Contractor, its staff, and/or subcontractors at this site.
- 3.15.2. For ensuring that work is being performed according to the approved schedule / established procedures, and for identifying any potential areas of safety and/or related concerns, and for bringing them to the attention of the Department Project Manager, or designee when necessary.
- 3.15.3. For maintaining an accurate inventory of supplies by ensuring that supplies are properly received, handled and stored; also providing timely ordering information to the Project Manager.

3.16. **State Holidays observed by the Department are:** New Year's Day, Presidents Day / Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving and the day after, and Christmas Day. If the holiday falls on a Saturday, the preceding Friday is observed as a holiday. If the holiday falls on Sunday, the following Monday is observed. **Contractors Note:** When preparing proposals for this submittal, and/or scheduling projects for this contract, be advised that some of these holidays are date specific, while others are day or week specific, and as such, will vary from year to year.

3.16.1. The vendor awarded this work shall provide for approval to the Department, the Contractors proposed work schedule, including the Contractors intent regarding working on holidays and/or after hours.

3.17. **Sub-Contractor(s):** Any sub-contractors that are, or may be utilized, by the Contractor during the course of this contract, which includes any modifications / changes, renewals and/or extensions thereto. Unless otherwise previously agreed to in writing by the Department, all Sub-Contractor(s) shall be required to meet the requirements of EXHIBIT "A", SCOPE OF WORK, MINIMUM QUALIFICATIONS and any other contract documentation.

4. MINIMUM QUALIFICATIONS

The **CONTRACTOR** awarded this contract shall:

- 4.1. Have a minimum of Five (5) years' experience in successfully completing projects of equal scope and magnitude with products as herein specified. This evidence shall consist of a list of three (3) projects that have been completed and operational for a minimum of within three (3) years.
- 4.2. Provide a minimum of three verifiable customer references in Broward, Miami-Dade, and/or Palm Beach County. A list of facilities, including contact information, size of facility, facility use description, addresses & location of facilities where services are either currently being provided, or have been provided, shall be included in the proposal.
- 4.3. Provide personnel that are qualified, certified and experienced performing for the same type of Scope as being requested for this project. Able to communicate effectively with the Department in the English language, both verbally and in written form.
- 4.4. Qualification of the Subcontractor: Have a minimum of three (3) years' experience in successfully completing projects of equal scope and magnitude with products as herein specified. This evidence shall consist of a list of three (3) projects that have been completed and operational for a minimum of three (3) years.
- 4.5. Qualifications of Manufacturers: Throughout the specifications and drawings, types of materials are specified by the manufacturer's name and catalog number in order to establish standards of quality and performance. In reference to Attachment 1 of Exhibit "A".

5. PROJECT APPROACH Unless otherwise specifically approved in writing by the Department, the awarded Contractor will be responsible for the following:

- 5.1. ALL engineering, permitting and fees / fines etc., ordering / handling / storage / transportation / material and equipment freight expedition and delivery, receiving of materials etc., / demolition and debris removal handling, cleaning, proper transportation and disposal thereof / set up and layout, installation / cutting / setting / replacement of all materials / final project clean up to the satisfaction of the Department.
- 5.2. Contractor shall utilize, and maintain odor, noise, material storage, dust, and debris control methods in a manner acceptable to, and in compliance with the Department's safety and security procedures. Working harmoniously with the Department and any other contractors / vendors / that may be involved with this project.
- 5.3. The design, specifications, materials, and installation method should adhere to all applicable Codes, Standards and project documents.

5.3.1. APPLICABLE CODES AND STANDARDS:

Comply with the Florida Building Code (FBC), all or portions of following codes and requirements: Incorporated into and made a part of FBC.

THE FOLLOWING IS A LIST OF APPLICABLE CODES FOR THE PROJECT. WHERE DIFFERENT REQUIREMENTS ARE SPECIFIED BETWEEN CODES, THE MOST STRINGENT AND RESTRICTIVE REQUIREMENTS ARE APPLICABLE AND ARE NOTED IN THIS OUTLINE.

1. Florida Building Code, 6th edition (2017) Building
2. Florida Building Code, 6th edition (2017) Accessibility
3. Florida Building Code, 6th edition (2017) Existing Building
4. Florida Building Code, 6th edition (2017) Plumbing
5. Florida Building Code, 6th edition (2017) Mechanical
6. National Electric Code 2014
7. Florida Fire Prevention Code 6th Edition

Building / Zoning: City of Sweetwater, Florida

Fire Jurisdiction: Miami Dade County,
State of Fire Marshall Office

5.4. RESPONSIBILITIES OF THE CONTRACTOR

The following description is for each restroom. Therefore, this narrative is written in singular, however the **SCOPE OF WORK** is to be for two restrooms (Male/Female, First Floors).

GENERAL

- Each renovated restroom will be fully ADA compliant per Florida Building Code (FBC).
- Installation, programming, testing, inspections, coordination and final adjustment of all the fixtures shall be by the Contractor.
- At the completion of the installation, the contractor shall perform a full system certification/inspection to verify that the new fixtures comply with all the requirements stated

- Install all fixtures, materials, assemblies and equipment as specified by the Design Professional and as indicated on the drawings in strict accordance with manufacturer's recommendations and instructions. The contractor shall be responsible to coordinate exact equipment locations and requirements for fixtures and accessories.

5.4.1 **DEMOLITION** – (please see Attachment “1” 100% Construction Documents)

- 5.4.1.1 General Contractor to survey the condition of the building to determine whether removing any element might result in any sort of deficiency or unplanned failure of any portion of the structure or existing systems. Contractor to contact design professional immediately prior to removing any structural item.
- 5.4.1.2 The existing restroom interior's to be completely demolished to the existing metal studs, including, but not limited to , all finishes, ceiling tiles and grid, plumbing and light fixtures.
- 5.4.1.3 Coordinate all demolition work with F.D.O.T. to insure work will progress without interruption and delays. Contractor to coordinate and schedule the work with F.D.O.T. where possible disturbance may occur and other potential disruptions of F.D.O.T. functions and services may occur. All work affecting F.D.O.T.'s functions and activities, including accomplishing work, to be completed by phasing with F.D.O.T. approval.
- 5.4.1.4 All areas outside of indicated “Scope of Work” shall remain undisturbed. Design Professional to indicate on its construction drawings such scope of work boundary.
- 5.4.1.5 Contractor shall be responsible to field check and verify all conditions prior to commencement of demolition, and notify F.D.O.T. and design professional if any discrepancies are found.
- 5.4.1.6 The contractor is to protect all existing finishes and surfaces throughout and adjacent to space which is not part of project demolition, including but not limited to: all existing walls, suspended ceiling tile, fire-alarm equipment, flooring, hallway. The contractor is responsible to replace or refinish any damaged areas outside of scope. Contractor is to place plywood or other protective coating over any surface designated to remain.
- 5.4.1.7 Demolition notes are only to assist in showing the scope of demolition work and are not intended to indicate all demolition. Contractor shall remove all existing items as indication on the construction documents for a “broom clean” space.
- 5.4.1.8 Contractor is to remove or cap any mechanical items that are not to be reused including wiring, conduits, pipes, ductwork, etc.
- 5.4.1.9 All wiring that is not to be reused shall be removed back to panel. Work to be done by an electrical contractor. Care should be taken to identify and tag all electrical conduits that will remain for building systems.
- 5.4.1.10 All lighting fixtures are to be removed and stored for possible reuse on the project unless otherwise noted.
- 5.4.1.11 Contractor is responsible for maintaining a trash / debris removal service for removal of all debris for all trades of work relating to this scope. Contractor

to coordinate location of dumpster with F.D.O.T. prior to commencement of work.

- 5.4.1.12 Upon completion of demolition work contractor shall remove tools, equipment, and demolished materials from site. Remove protections, debris, rubbish and other materials resulting from demolition work from building site. Transport and legally dispose of materials off-site.

5.4.2 INTERIOR BUILD-OUT – (please see Attachment “1” 100% Construction Documents)

5.4.2.1 WALLS

- 5.4.2.1.1 After demolition of the items listed by the Design Professional, all rusted or damaged metal studs are to be replaced as required to provide a solid structure to the new cementitious wallboard to be installed.
- 5.4.2.1.2 After screw inspection by the Building Department, the ceramic tile is to be applied as specified by the Design Professional and manufacturer’s recommendations

5.4.3 FLOOR MATERIALS - (see Attachment “1” 100% Construction Documents)

- 5.4.3.1 **CEILING-** (see Attachment “1” 100% Construction Documents)
- 5.4.3.2 **DOORS-** (see Attachment “1” 100% Construction Documents)
- 5.4.3.3 **COUNTERTOP-** (see Attachment “1” 100% Construction Documents)
- 5.4.3.4 **TOILET STALL PARTITIONS-** (see Attachment “1” 100% Construction Documents)
- 5.4.3.5 **TOILET STALL COMPOSITION-** (see Attachment “1” 100% Construction Documents)
- 5.4.3.6 **PLUMBING FIXTURES ACCESSORIES-** (see Attachment “1” 100% Construction Documents)
- 5.4.3.7 **ELECTRICAL LIGHTING FIXTURES-** (see Attachment “1” 100% Construction Documents)
- 5.4.3.8 **PLUMBING FIXTURES** - (see Attachment “1” 100% Construction Documents)
- 5.4.3.9 **MECHANICAL-** (see Attachment “1” 100% Construction Documents)
- 5.4.3.10 **FIRE PROTECTION-** (see Attachment “1” 100% Construction Documents)

5.4.4 MATERIAL PERFORMANCE OUTLINE (GENERAL NOTES)

5.4.4.1 ARCHITECTURAL

5.4.4.1.1 GENERAL

- 5.4.4.1.1.1 The bathroom renovation and all of its components shall be the standard products of the selected manufacturers or Design Professional approved equal substitution.
- 5.4.4.1.1.2 All equipment and materials used shall be standard components, regularly manufactured, regularly utilized in the manufacturers system.
- 5.4.4.1.1.3 All systems and components shall have been thoroughly tested and proven in actual use.

- 5.4.4.1.1.4 All systems and components shall be provided with the availability of a manufacturer's toll free 24-hour, seven-day a week manufacturer's service or technical support phone number.
- 5.4.4.1.1.5 Acceptable Manufacturers: Except as otherwise specified by the General Conditions or Design Professional, the equipment and materials shall be products that meet the required specifications established by the Design Professional.
- 5.4.4.1.1.6 Attach toilet partitions to adequate structural support including backing in walls in accordance with the manufacturer's performance requirements.
- 5.4.4.1.1.7 Provide blocking for any wall hung plumbing fixture.

- 5.4.4.1.2 WALLS- (see Attachment "1" 100% Construction Documents)

- 5.4.4.1.3 INTERIOR PAINTING- (see Attachment "1" 100% Construction Documents)

- 5.4.4.1.4 FLOOR MATERIAL
 - 5.4.4.1.4.1 Floor subsurface surface shall be sloped to floor drains so no ponding occurs. Ensure that the location and slopes do not conflict with accessibility requirements.
 - 5.4.4.1.4.2 Floors shall be unglazed ceramic or non-slip porcelain floor tile in 8"x8" or larger sizes with a maximum of 2 tile colors.
 - 5.4.4.1.4.3 Separate color schemes may be developed for the Men's and Women's bathrooms or on a floor-by-floor basis.
 - 5.4.4.1.4.4 Base shall be coved sanitary tile.

- 5.4.4.1.5 CEILINGS- (see Attachment "1" 100% Construction Documents)

- 5.4.4.1.6 DOORS- (see Attachment "1" 100% Construction Documents)

- 5.4.4.1.7 COUNTERTOP- (see Attachment "1" 100% Construction Documents)

- 5.4.4.1.8 TOILET PARTITIONS- (see Attachment "1" 100% Construction Documents)

- 5.4.4.1.9 PLUMBING FIXTURE ACCESSORIES- (see Attachment "1" 100% Construction Documents)

- 5.4.4.2 MECHANICAL- (see Attachment "1" 100% Construction Documents)

- 5.4.4.3 ELECTRICAL- (see Attachment "1" 100% Construction Documents)
 - 5.4.4.3.1 INTERIOR LIGHTING
 - 5.4.4.3.2 EMERGENCY LIGHTING

5.4.4.3.3 FIRE PROTECTION

5.4.4.4 PLUMBING

5.4.4.4.1 FIXTURES- (see Attachment "1" 100% Construction Documents)

5.4.4.4.2 LAVATORIES- (see Attachment "1" 100% Construction Documents)

5.4.4.4.3 WATER CLOSET- (see Attachment "1" 100% Construction Documents)

5.4.4.4.4 URINALS- (see Attachment "1" 100% Construction Documents)

5.4.4.4.5 DRAINS

5.4.4.4.5.1 Provide one floor drain with trap primer in each restroom. Existing Floor drains are to be replaced.

5.4.4.4.5.2 Floor drain shall be located under toilet partitions or under lavatory in individual bathroom. Coordinate drain locations must be coordinated with floor slope.

5.4.4.4.6 VALVES

5.4.4.4.6.1 Provide a shut-off valve for the supply water for each restroom in the plumbing chase (where provided) or above ceiling.

5.4.4.4.6.2 Provide an isolation valve to shut-off each Men's and Women's restroom independently of each other and any other fixture or fixture group.

5.4.4.4.7 PIPING MATERIALS

5.4.4.4.7.1 As per FDOT Facilities Design Manual Topic No. 625-020-016.

5.4.4.4.7.2 Contractor to coordinate with FDOT project manager to perform "jet clean" on all pipes prior to commencement of work.

5.4.4.4.7.3 All sanitary piping shall be cleared free of clogging using approved methods and equipment suitable for each specific condition.

5.4.4.4.7.4 All domestic water piping shall be thoroughly sanitized and disinfected according to FBC Plumbing section 610, Disinfection of Potable Water Systems.

5.4.5 **MATERIALS SPECIFICATIONS:** The following is a list of material selection for the Men's and Women's restroom. As the nature of a public sector project the material selection may be substituted with an FDOT approved equal.

5.4.5.1 WALL PARTITION- (see Attachment "1" 100% Construction Documents)

5.4.5.2 CEILING- (see Attachment "1" 100% Construction Documents)

5.4.5.3 FLOOR

5.4.5.3.1 FLOOR LEVELER

(Durorock quick dry self-leveling underpayment)

5.4.5.3.2 FLOOR TILE - (see Attachment "1" 100% Construction Documents)

5.4.5.4 MECHANICAL - (see Attachment "1" 100% Construction Documents)**5.4.5.5 ELECTRICAL- (see Attachment "1" 100% Construction Documents)****5.4.5.6 PLUMBING FIXTURES**

5.4.5.6.1 URINAL - (see Attachment "1" 100% Construction Documents)

5.4.5.6.2 UNDERMOUNT LAVATORY - (see Attachment "1" 100% Construction Documents)

5.4.5.6.3 FAUCET (All Lavatories) - (see Attachment "1" 100% Construction Documents)

5.4.5.6.4 WATER CLOSET - (see Attachment "1" 100% Construction Documents)

5.4.5.6.5 TOILET SEAT COVER DISPENSER - (see Attachment "1" 100% Construction Documents)

5.4.5.7 PLUMBING FIXTURES ACCESSORIES

5.4.5.7.1 SOLID SURFACE TOILET PARTITIONS - (see Attachment "1" 100% Construction Documents)

5.4.5.7.2 SOLID SURFACE URINAL PARTITION - (see Attachment "1" 100% Construction Documents)

5.4.5.7.3 HAT AND COAT HOOK

Stainless Steel Clothes Hook, B-233 by Bobrick.

5.4.5.7.4 GRAB BARS- (see Attachment "1" 100% Construction Documents)

5.4.5.7.5 TOILET TISSUE DISPENSER - (see Attachment "1" 100% Construction Documents)

5.4.5.7.6 WARM AIR HAND DRYER - (see Attachment "1" 100% Construction Documents)

5.4.5.7.7 MIRRORS - (see Attachment "1" 100% Construction Documents)

5.4.5.7.8 LAVATORY MOUNTED SOAP DISPENSER - (see Attachment "1" 100% Construction Documents)

5.4.5.7.9 Combination Towel / Waste Units - (see Attachment "1" 100% Construction Documents)

6 STAFFING & SUPERVISION

- 6.4 All Contractor proposals shall include a proposed project schedule that clearly identify targeted project milestones and related time durations for the project such as, but not limited to: site preparation, installation work phases, equipment lead times, delivery dates, inspection and testing time-frames, anticipated building utility power outages, inspections etc. showing expected manpower requirements and project phase / total progress targets.

- 6.5 Contractor shall provide only trained and qualified personnel capable of safely and properly accomplishing the work in this Scope of Work in a timely manner and to ensure that all terms and conditions of this Contract are met.
- 6.6 The Contractor shall be responsible for all supervision and direction of the work performed by their employees, sub-contractor's agents and/or any other persons that it causes to be onsite, and shall at all times provide a full-time supervisor on the premises to carry out this responsibility when work is being performed.

7 SUBMITTALS AND OTHER PROJECT RELATED DOCUMENTATION

7.4 Submittals to be Included with Bid:

- 7.4.1 Contractor References: Contractor to Submit evidence that this firm has a minimum of five (5) years experience in successfully completing projects of equal scope and magnitude as herein specified. This evidence shall consist of a list of three (3) projects that have been completed and operational for a minimum of within the last five (5) years. *For each facility above, list the name and location of installation; date of occupancy by Owner; Owner's representative to contact and telephone number; Construction Manager or General Contractor, and Architect.*
- 7.4.2 State contractor license certification or registration as required under Florida Statutes.
- 7.4.3 Current corporate charter registration - if the potential Bidder is a domestic (Florida) corporation, or has authority to transact business in Florida, if the potential Bidder is a foreign (non-Florida) corporation, as may be required by Florida law
- 7.4.4 Completed and signed Exhibit "C" Bid Price Proposal
- 7.4.5 Completed and signed Exhibit 2 "Bid Proposal" form (page 32 to 35 of NTS)
- 7.4.6 Bid Bond if bid is over \$100,000.00

Note: Failure to fully comply with the Bid Submittal requirements detailed above shall grounds for Bid disqualifications.

7.5 Submittals Prior to the Commencement of any Work:

- 7.5.1 Shop Drawings: Shop drawings on all applicable materials shall be submitted to the F.D.O.T for approval prior to the ordering of any material or the commencement of any installation. Shop drawings shall be large scale and shall indicate methods, location, installation details, and quantities. Submit shop drawings with schedules, pertinent calculations and manufacturers equipment cut sheets. Shop Drawings shall contain all documentation and details needed for a complete functional design.
- 7.5.2 All Permits and copies of Signed/Sealed Record Drawings and Documents to be submitted to the F.D.O.T.

7.6 Close -Out Documentation Submittals:

- 7.6.1 Operating / Maintenance Manuals: The Contractor shall furnish three (3) copies of

Parts, Operation and Maintenance Manuals for all equipment provided. Provide Manufacturer Contact Phone Numbers for Technical Support.

7.6.2 As-Built Drawings: Furnish two (2) copies of large scale as built drawings – provide hard and electronic copies.

7.7 Proposers are advised that there are other supplementary documents and attachments that provide additional project specifications, information, and related component requirements regarding this project.

8 TRASH AND CLEANING

8.4 Trash and/or other construction / remodeling debris, materials / supplies / equipment etc. shall be maintained and moved in a safe manner without blocking fire exits, halls, aisles, walkways, parking areas, driveways etc., and unless otherwise approved in writing by the Department not be stockpiled during Department Normal Working Hours in any of the listed areas.

8.4.1 The Contractor awarded this project shall be ultimately responsible for the proper handling / transport / disposal of all trash and debris that result from this project. Trash and/or other project related debris of any sort is not placed into the Departments trash dumpster.

8.5 Unless otherwise approved, noted, and/or directed, in writing by the Department, all project work areas are to be kept clean, this includes all building interior spaces and exterior grounds that are impacted by this project. Restricted access areas such as the Credit Union, electrical / mechanical rooms, computer / data equipment rooms and other areas sensitive to security or safety will require close scheduling coordination with the Department prior to the access / work occurring in and/or around those areas.

9 SUPPLIES / INVENTORY AND EQUIPMENT

9.4 The Contractor shall be responsible for providing all equipment or tools that are, or may be needed during the course of this contract. All Contractor provided equipment brought on site and used by the Contractor shall be of an industrial quality, constantly maintained in a proper, safe, like new serviceable working condition, as appropriate for the intended type of use.

9.5 The Contractor shall inspect all equipment on a regular basis as required to ensure proper and safe operation. Any/all damaged equipment shall be properly repaired and/or replaced as needed before further use. Damaged equipment shall not be utilized on this project. All electrical cords must be properly maintained without cuts, splices or exposed wires, etc.

9.6 The Contractor shall dispose of all aerosol containers, and any other material and/or chemical containers utilized in the course of this project in conformance with any and all local / state and federal requirements. Materials and supplies shall not be stored

within the facility without written approval by the Department Project Manager or designee.

- 9.7 All containers and dispensers of any type used at the facility shall clearly indicate the contents in English (with other languages optional in addition to the English labeling). All chemicals, supplies, and equipment shall be safely and properly stored.
- 9.8 Product information for all proposed supplies, products, chemicals, and equipment that the Contractor intends to utilize at this site shall be submitted for review and approval by the Department's Project Manager, prior to use at this site. Should the Department be dissatisfied with these items or the results of the use of these items, the Department shall have the right to require the discontinued use of said item(s) and request their replacement with acceptable item(s) at no added cost to the Department.
- 9.9 Noise, odor, and dust control and clean up methods that the Contractor intends to utilize for this project shall be clearly identified and described in the Contractors proposal.

10 PERFORMANCE COMPLIANCE

- 10.4 The apparent silence of specifications set forth in this Scope of Work as to any details or omissions concerning any point shall be regarded as meaning that only the highest industry standard(s) for commercial project services are to prevail, and that only materials and workmanship of superior quality shall be used. All interpretations of this Scope of Work shall be made upon the basis of this statement.
- 10.5 To ensure contract compliance, the Contractor's invoice(s) is/are subject to cost reduction adjustment(s), and/or the assessment of penalties by the Department if services are not performed as specified within this Contract or Scope of Work and/or as modified and agreed to in writing by the Department).
- 10.6 Performance compliance / non-compliance and/or penalties may also be augmented by legal means as provided for in the I.T.B. contract documents. Unless otherwise specifically directed in writing by the Department, the Contractor shall have twenty-four hours to correct any deficiency as cited by the Department.
- 10.7 If any deficiency may cause harm to life, property or violate any rules or regulations such as, but not limited to, Americans With Disabilities Act (A.D.A.), Occupational Safety and Health Administration (O.S.H.A.) or Departmental POLICIES, PROCEDURES AND SCHEDULING, the Department may take immediate corrective action(s) as required, and the Contractor shall be responsible for the burden of these direct and any associated and/or indirect costs.
- 10.8 The Department reserves the right to, at its option, on a case by case basis, pay for only the completed portions of any services and/or the received amount of any materials / supplies that are required by this contract (including any potential future renewals / extensions and/or changes thereto). This compensation amount shall be determined by the Department's Project Manager, and shall be based upon the percentage of contract

item completion as compared to the percentage remaining unfulfilled by the Contractor.

10.9 The Department shall have sole discretion in selecting the remedy(ies) it shall employ in order to obtain the contractually required services, terms, and schedules as agreed between the Department and the Contractor.

10.10 The Department reserves the right to prohibit the completion of services not performed, or not completed according to pre-established schedules or standards.

11 DELAYS, UNFORESEEN EVENTS, ADDED WORK, EMERGENCIES, CHANGES ETC.

11.4 The Contractor shall be proactive in all its efforts in to perform all services within the established scheduled time frames as required in this Scope.

11.5 Service / Scheduling and/or Performance delays (either forecast or actually incurred) by the Contractor shall be brought to the attention of the Department's Project Manager or designee, for review upon such delays being identified by the Contractor.

11.6 Upon the Contractor's failure to provide notification to the Department of such scheduling delays in a timely manner, the Department may, at its option proceed with initiating a remedy for services to be performed.

11.7 Contractor shall provide a written plan and document its ability to provide additional staffing personnel in a timely manner, when required for emergencies, as well as to cover for contractor personnel vacations / illness / absences / staff terminations, at no additional cost to the Department, in order to perform all services in this agreement.

11.8 In the event of weather related events, i.e. windstorms / hurricanes / flooding / rainstorms etc. the Contractor shall properly secure and protect the project worksite / materials from damage as well as to preclude their damaging anything else.

12 DAMAGES & NOTIFICATION OF DAMAGE(S)

12.1 It shall be the ultimate and sole responsibility of the Contractor to repair and/or pay for the repair of and damage(s) caused to the facility, its contents / equipment / systems or grounds / staff and/or visitors injury/ies and/or property damage, by any direct and/or indirect action(s) of the Contractor, its employees or sub-contractors in a manner acceptable to the Department. The Contractor shall bear the burden of all cost(s) including legal and court fees, for any repairs necessary to correct any damage(s) caused by the Contractor's operations, employees, equipment, with said costs being deducted from the Contractors invoice(s) and/or addressed via legal means.

12.2 Unless otherwise agreed to in writing by the Department, repair of any such damage to the facility, its contents / equipment / systems or grounds shall be completed within fifteen days of the appropriate notification to the Department.

- 12.3 The Department reserves the right to complete or contract out for the completion of any repairs that are not completed properly and/or expeditiously addressed by the Contractor, and to complete any repairs in which the quality of repairs provided by the Contractor is deemed to be of an unacceptable quality by the Department's Project Manager.
- 12.4 The costs of all repairs performed by the Department as a result of the Contractor's performance of duties or employees, shall be deducted from the Contractor's payment(s) and/or billed to the Contractor, until paid in full. This includes all legal costs / fees / court costs incurred by the Department. In the event that the balance due the Contractor is not sufficient to pay the amounts due the Department, the Contractor shall provide such funds to the Department upon demand.
- 12.5 The Contractor shall provide and deliver written notification to the Department's Project Manager or designee, narrating any and all damages to the facility during its operations. All notifications shall be completed immediately after an occurrence or, if damages are incurred during nightly operations, during the next business day. Notification shall be complete in detail including, at a minimum, identification regarding the type of damage, location, date, time and nature of the occurrence, explanation of any injuries to any personnel due to this occurrence and how the Contractor proposes to solve / address the matter.
- 12.6 Repair estimates shall be submitted to the Department's Project Manager within five working days of each incident / accidents occurrence. Department review and approval of proposed repairs shall be made within five days of the Departments receipt of said estimates, unless damages have a potential to cause a safety hazard or a breach in security at which time the Contractor shall make all necessary repairs immediately after first seeking the Project Managers approval. All repairs completed by the Contractor are subject to the Project Manager's review for approval.

13 SECURITY, UNIFORMS & CONFIDENTIALITY

- 13.1 Strict security shall be maintained at all times. Certain doors are required to be kept locked except when in use. The Department will identify these when the Contractor commences services. Any fines / fees / penalty(ies) levied against the Department for false alarms caused by the Contractor's employees shall be deducted from the payment to the Contractor.
- 13.2 All Contractor personnel shall receive training related to work site confidentiality. All information whether written, spoken, electronically stored, or other, within the building any workspace is considered property, must be considered confidential at all times and not shared with anyone. The Contractor and its staff and/or any other agents will not share any information related to buildings, workspaces, processes, or any general information about The Department of Transportation, either before, during or after completion of this proposal process and resulting contract. Violation of this policy is grounds for breach of

contract, which may initiate performance and contract compliance action/s and possible termination of this contract.

14 POLICIES, PROCEDURES AND SCHEDULING

- 14.1 The Contractor that is awarded this Contract shall furnish an identification tag or badge to each employee that is utilized at this site. This identification tag or badge shall incorporate a clear photograph of the employee; legibly state the employee's name and the Contractor's company name. The Contractor's employees shall have this tag or badge visibly displayed at all times while on Department property.
- 14.2 Prior to beginning any work at this site, Contractor shall provide to the Department's Project Manager a complete list of all existing Contractor employees that will be assigned to this site, including valid identification (copy of driver's license or State Identification Card, and/or other document(s) acceptable to the Department, verifying the employee may legally work in the State of Florida/United States).
- 14.3 Contractor employees whose names are not contained on the Department's approved Project Manager's list will not be permitted to access the building and may be required to leave the project site. The Contractor SHALL immediately notify the Department of any staffing termination(s) of employment for staff that are assigned to this site. The Department shall have three business days in which to approve or reject any staff that the Contractor proposes to utilize at this site.
- 14.4 Employees of the Contractor shall be required to conform to all of the Department's building security policies / procedures / systems, (current and/or future) as directed by the Department.
- 14.5 The Contractor, its employees and/or Sub Contractors shall interact with the security guard(s) in order to meet the Department's objective to ensure a safe facility. Such interaction shall include, but is not limited to the following: identify any suspicious acts or person(s) within or around the facility; inform the guard of any actual or potential safety hazard; and to report any other breach(es) of security.
- 14.6 These procedures may change during the course of this contract. When changes occur, the Department will provide written notification of same to the Contractor. Contractor's employees, staff, and sub-contractors shall clearly and legibly sign in and out at the security guards desk when arriving and leaving each day.
- 14.7 All Employees / staff / agents / sub-contractors and any other "downline" personnel assigned to this project site must first be approved by the Department's Project Manager. Employees assigned to this project shall be a minimum of eighteen years of age or older. Only the approved Contractor, employees, and/or pre-approved sub-contractor(s) shall be permitted on-site. Any unauthorized personnel, including but not limited to, visitors, family members, friends, acquaintances, etc., of the Contractor and/or its employee(s) / sub-contractor(s) found within or on the facility's grounds may be directed to leave.

- 14.8 Violation of any departmental rules / policies / procedures may initiate Performance Compliance Penalties by the Department to be charged to the Contractor as provided by the contract and/or Exhibit "A", PERFORMANCE COMPLIANCE.

15 SITE CONDITIONS, CONTRACTORS LOSS OR DAMAGE(S)

- 15.1 It shall be the responsibilities of the Contractor to field verify the complete and total efforts necessary to provide everything required for this project. This includes the determination of an accurate site layout, all actual site conditions, the full the extent of all work to be performed, and the conditions surrounding the performance, thereof.
- 15.2 The failure and/or neglect of the Contractor to become fully familiarized with the entire scope of work, including any and all related contract documents, the site of the proposed work, the type / quantity / schedule and Scope of Work etc. required shall in no way relieve the Contractor from any obligation(s) with respect to his / her proposal or work performance.
- 15.3 The Contractor shall be responsible for any loss (es) / theft(s), damage(s), replacement(s) for any of the Contractor's material and/or property items including, but not limited to, any tools, equipment, supplies and other items. The Contractor shall be responsible for any injury sustained by its employees while providing services at the Department's office facility.
- 15.4 The Department shall not bear any risk for any loss(es) by the Contractor.

16 GENERAL NOTES

- 16.1 The Department will not pay for, and/or be otherwise held responsible for any cost(s) incurred in the preparation, research, submission, and/or delivery of response(s), replies, changes etc. of the I.T.B. associated with this Scope of Work.
- 16.2 This Exhibit "A" identifies the current known needs of the Department, and it is to be considered as a minimum starting point for the desired Project at this site.
- 16.3 The Department reserves the right to at any time, reject any and/or all I.T.B. responses that do not meet the requirements specified by this I.T.B., and to modify, and/or remove work items from the Scope of Work without cost or penalty to the Department.
- 16.4 Proposer's, and/or the selected Contractor awarded the contract, shall bring to the Department's immediate attention any and all noted discrepancies / inconsistencies in the project and/or project documents, upon their discovery of same, along with any suggested and/or possible solutions / corrective actions.
- 16.4.1 The Department will review the alleged discrepancies and/or inconsistencies and determine the corrective action(s) to be taken. Any such correction(s) shall become part of this Scope of Work.

16.4.1.1 The Department shall, as provided for in the I.T.B. process, advise Contractors in writing of any change(s) in requirements.

16.5 It is the Department's intent to only have safe, well trained, competent, and professional employees assigned to this project in order to meet the Department's objectives. The Contractor shall review the Scope of Work with each employee and ensure that each employee understands their work assignments, how to complete the assignments safely in accordance with applicable regulations (O.S.H.A., etc.) and how to comply with the Department's safety, security and acceptable job performance, site requirements.

16.6 All established rules and regulations set forth by the Department shall be observed by all workers and sub-contractors assigned to this project by the Contractor.

16.7 Unless previously authorized by the Department, the Contractor, staff and Sub-Contractor(s) shall not use, or unplug any office (or other types of) equipment such as but not limited to computers, printers fax machines, phones, copiers etc.

16.8 Formal Progress and other meetings may be scheduled by the Department as needed to ensure a smooth-running project, timely and proper project completion. The Contractor shall:

16.8.1 Identify the methods that will be used to provide all project and related services including sub-contractors that may be used on this project.

16.8.2 Provide to the Department a copy of the documentation showing that the Contractor has in place a method used to ensure that all O. S. H. A. standards and guidelines are followed and practiced by employees and sub contractors.

17 WARRANTY / GUARANTEE Unless otherwise agreed to in writing by the Department:

17.1 The awarded Contractor shall warranty / guarantee all the work and materials utilized in this project for a period of twelve months or manufacturers original warranty whichever is greater, which shall commence from the date of final invoice acceptance by the Department.

17.2 The Contractor shall upon written notice from the Department, make any needed repairs to the installation at no cost to the Department. Unless otherwise agreed to in writing by the Department, all repairs shall be made and completed by the Contractor within thirty days of the date of the written notice by the Department. This warranty / guarantee shall include all labor, materials and any other costs involved.

**>> END OF EXHIBIT "A" SCOPE OF WORK <<
THE FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT 6 AUDITORIUM RESTROOMS RENOVATION PROJECT**

State of Florida
Department of Transportation



EXHIBIT "A"
ATTACHMENT "1"
(100% CONSTRUCTION DOCUMENT)

DISTRICT SIX AUDITORIUM RESTROOMS

RENOVATION PROJECT

PROJECT CONTRACT NUMBER: E-6M82
FINANCIAL PROJECT NUMBER: 442729-1-52-01/442729-2-52-01

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
CONTRACT PLANS

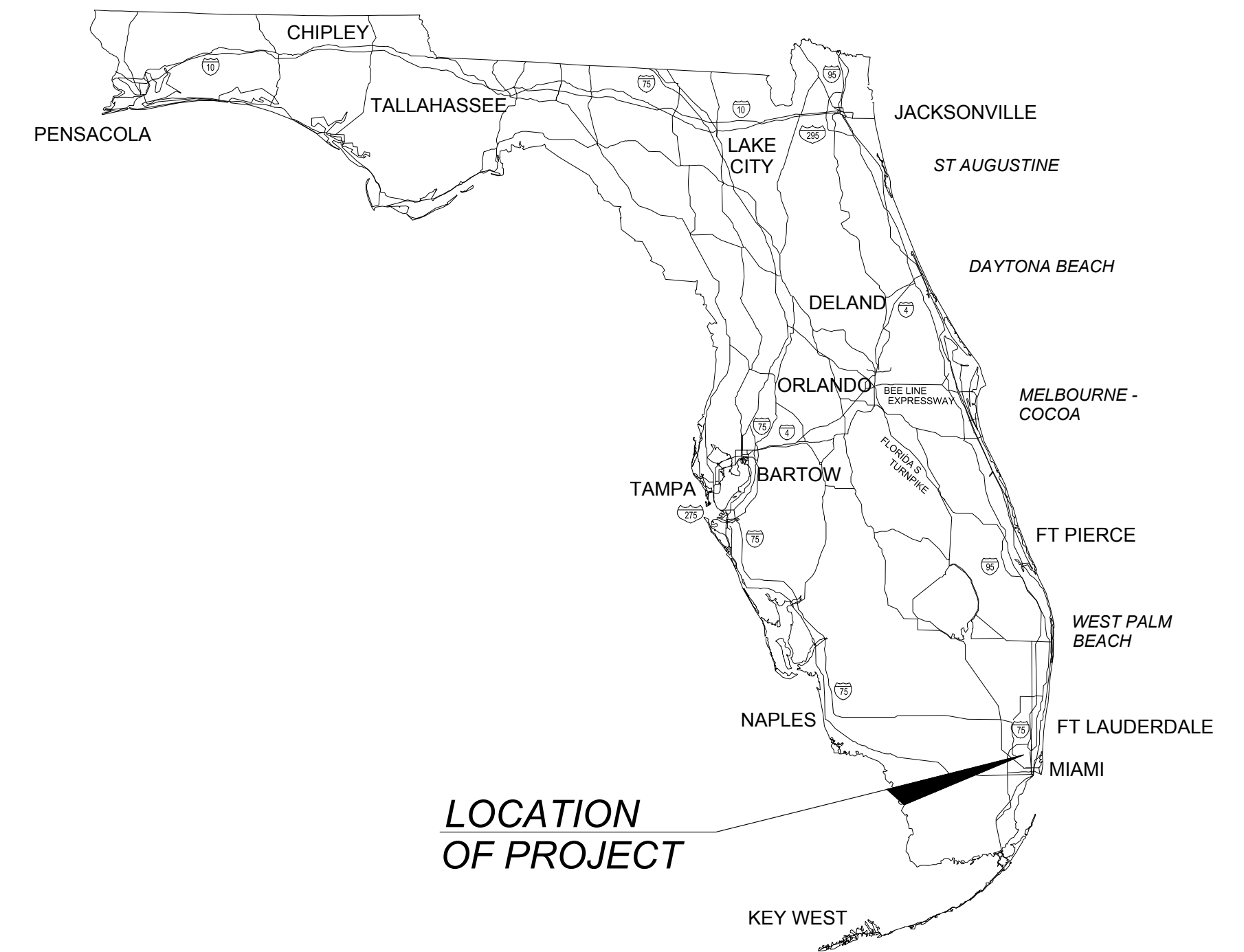
FINANCIAL PROJECT ID 442729-1-32-01

D-6 MIAMI HQ AUDITORIUM ADA RESTROOM RENOVATIONS
DESIGN SERVICES

1000 NW 111 AVENUE, MIAMI, FLORIDA 33172

100% CONSTRUCTION DOCUMENTS
MAY 31, 2019

INDEX OF DRAWINGS
(REFER TO SHEET AA-002)



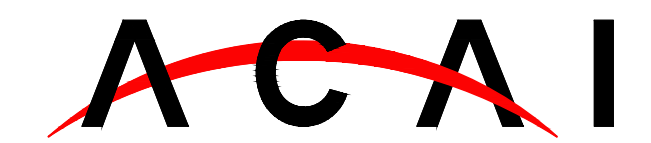
LOCATION OF PROJECT

GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, Facilities Design Manual Topic
No. 625-020-016 - September 2010

For Design Standards click on the "Design Standards" link at the
following web site:
<http://www.dot.state.fl.us>

PLANS PREPARED BY:



ACAI ASSOCIATES, INC.
2937 W. CYPRESS CREEK RD., SUITE 200
FORT LAUDERDALE, FL. 33309
954-484-4000 WWW.ACAIARCHITECTS.COM

CONTRACT NO. CA262
VENDOR ID. F650020223001

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

MECHANICAL, ELECTRICAL AND PLUMBING



2300 MAITLAND CENTER PARKWAY, SUITE 210
MAITLAND, FL 32751
TEL: (407) 659-6500

KEY SHEET REVISIONS	
DATE	DESCRIPTION

ARCHITECT OF RECORD: ADOLFO J. COTILLA JR., AIA

R.A. NO.: AR-0008011

FISCAL YEAR	SHEET NO.
19	AA-001

FDOT PROJECT MANAGER: GRETCHEN MILLER

INDEX OF DRAWINGS

ARCHITECTURAL

SHEET NO.	DESCRIPTION
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AA-002	INDEX OF DRAWINGS
AA-003	GENERAL NOTES, PROJECT DESCRIPTION, CODE ANALYSIS, ABBREVIATIONS
AA-004	ADA DETAILS AND TYPICAL MOUNTING HEIGHTS
AA-101	AUDITORIUM BUILDING - OVERALL EXISTING FLOOR PLAN
DA-102	AUDITORIUM RESTROOMS - DEMOLITION PLAN
DA-103	AUDITORIUM RESTROOMS - DEMOLITION REFLECTED CEILING PLAN
AA-104	AUDITORIUM RESTROOMS - FLOOR PLAN
AA-105	AUDITORIUM RESTROOMS - REFLECTED CEILING PLAN
AA-106	AUDITORIUM RESTROOMS - INTERIOR ELEVATIONS
AA-107	AUDITORIUM RESTROOMS - EXTERIOR ELEVATION, SECTION AND DETAILS
AA-108	AUDITORIUM RESTROOMS - PARTITION TYPES AND DETAILS
AA-109	AUDITORIUM RESTROOMS - DOOR SCHEDULE, DOOR TYPES AND FINISH SCHEDULE

MECHANICAL

SHEET NO.	DESCRIPTION
DM-101	AUDITORIUM RESTROOMS - MECHANICAL DEMOLITION PLANS
AM-001	AUDITORIUM RESTROOMS - MECHANICAL SYMBOL LEGEND, NOTES, ABBREVIATIONS, AND SCHEDULES
AM-101	AUDITORIUM RESTROOMS - MECHANICAL RENOVATION PLANS
AM-401	AUDITORIUM RESTROOMS - MECHANICAL DETAILS

ELECTRICAL

SHEET NO.	DESCRIPTION
AE-001	AUDITORIUM RESTROOMS - ELECTRICAL SYMBOL LEGEND, NOTES, ABBREVIATIONS, SCHEDULES, AND DRAWING INDEX
DE-101	AUDITORIUM RESTROOMS - ELECTRICAL DEMOLITION PLANS
AE-101	AUDITORIUM RESTROOMS - ELECTRICAL RENOVATION PLANS

PLUMBING

SHEET NO.	DESCRIPTION
AP-001	AUDITORIUM RESTROOMS - PLUMBING SYMBOL LEGEND, NOTES, ABBREVIATIONS, AND SCHEDULES
DP-101	AUDITORIUM RESTROOMS - PLUMBING DEMOLITION PLAN
AP-101	AUDITORIUM RESTROOMS - PLUMBING RENOVATION PLAN
AP-401	AUDITORIUM RESTROOMS - PLUMBING DETAILS
AP-701	AUDITORIUM RESTROOMS - ISOMETRIC PLANS

REVISIONS				ADOLFO J. COTILLA JR., AIA ARCHITECTURAL LICENSE No. AR 0008011 ACAI ASSOCIATES, INC. 2937 W. CYPRESS CREEK RD., SUITE 200 FT. LAUDERDALE, FLORIDA 33309	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM BUILDING - INDEX OF DRAWINGS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		AA-002
05/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		

CONSTRUCTION GENERAL NOTES

A. CUTTING AND PATCHING:

- EXAMINE EXISTING CONDITIONS, INCLUDING ELEMENTS SUBJECT TO DAMAGE OR MOVEMENT DURING CUTTING AND PATCHING.
- AFTER UNCOVERING WORK, ASSESS CONDITIONS AFFECTING PERFORMANCE OF WORK.
- EXECUTE WORK BY METHODS TO AVOID DAMAGE TO OTHER WORK, AND WHICH WILL PROVIDE APPROPRIATE SURFACES TO RECEIVE PATCHING AND FINISHING.
- RESTORE WORK WITH NEW PRODUCTS IN ACCORDANCE WITH REQUIREMENTS OF CONTRACT DOCUMENTS.
- FIT WORK TIGHT TO PIPES, SLEEVES, DUCTS, CONDUIT, AND OTHER PENETRATIONS THROUGH SURFACES.
- REFINISH SURFACES TO MATCH ADJACENT FINISHES. FOR CONTINUOUS SURFACES, REFINISH TO NEAREST INTERSECTION. FOR AN ASSEMBLY, REFINISH ENTIRE UNIT.

B. ALTERATION PROJECT PROCEDURES:

- MATCH EXISTING PRODUCTS AND WORK FOR PATCHING AND EXTENDING WORK.
- CUT, MOVE, OR REMOVE ITEMS AS NECESSARY FOR ACCESS TO ALTERATIONS AND RENOVATION WORK; REPLACE AND RESTORE AT COMPLETION.
- REMOVE UNSUITABLE MATERIAL NOT MARKED FOR SALVAGE, SUCH AS ROTTED WOOD, CORRODED METALS, DETERIORATED MASONRY AND CONCRETE; REPLACE MATERIALS AS SPECIFIED FOR FINISHED WORK.
- REMOVE DEBRIS AND ABANDONED ITEMS FROM AREA AND FROM CONCEALED SPACES.
- CLOSE OPENINGS IN EXTERIOR SURFACES DURING CONSTRUCTION, TO PROTECT EXISTING WORK FROM WEATHER AND EXTREMES OF TEMPERATURE AND HUMIDITY. COORDINATE WORK OF ALTERATION AND RENOVATION WORK WITH OWNER FOR ACCESS AND MINIMAL CONFLICT WITH NORMAL OPERATION OF THE FACILITY.

C. FINISHES:

- WHERE NEW WORK ABUTS OR ALIGNS WITH EXISTING, MAKE A SMOOTH AND EVEN TRANSITION. PATCH WORK TO MATCH EXISTING ADJACENT WORK IN TEXTURE AND APPEARANCE. WHEN FINISHED SURFACES ARE CUT SO THAT A SMOOTH TRANSITION WITH NEW WORK IS NOT POSSIBLE, TERMINATE EXISTING SURFACE ALONG A STRAIGHT LINE AT A NATURAL LINE OF DIVISION IN EXTERIOR SURFACES, AND MAKE RECOMMENDATIONS TO ARCHITECT.
- AT COMPLETION OF WORK IN EACH AREA, CLEAN AND RETURN SPACE TO A CONDITION SUITABLE FOR USE BY OWNER.

D. CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS:

- PRIOR TO STARTING WORK, CONTRACTOR SHALL NOTIFY AUTHORITIES AND/OR OWNERS OF EXISTING CONSTRUCTION AND UTILITIES, ON OR ADJACENT TO SITE, THAT MAY BE AFFECTED BY WORK UNDER THIS CONTRACT.
- PROTECT SUCH ITEMS AGAINST DAMAGE. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF UTILITIES AND CONSTRUCTION MADE NECESSARY BY WORK UNDER THIS CONTRACT, WHETHER TEMPORARY OR PERMANENT.
- VENTILATE ENCLOSED AREAS TO PREVENT ACCUMULATION OF DUST, FUMES, VAPORS, OR GASES.

E. BARRIERS:

- PROVIDE BARRIERS TO PREVENT UNAUTHORIZED ENTRY TO CONSTRUCTION AREAS AND TO PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM DAMAGE.
- PROVIDE BARRICADES AND COVERED WALKWAYS REQUIRED BY GOVERNING AUTHORITIES FOR PUBLIC RIGHTS-OF-WAY.
- PROTECT NON-OWNED VEHICULAR TRAFFIC, STORED MATERIALS, SITE, AND STRUCTURE FROM DAMAGE.
- PROVIDE TEMPORARY WEATHER-TIGHT CLOSURE TO EXTERIOR OPENINGS, WHEN APPLICABLE, TO PERMIT ACCEPTABLE WORKING CONDITIONS AND PROTECTION OF WORK, AND TO PREVENT ENTRY OF UNAUTHORIZED PERSONA.
- PROVIDE ACCESS DOORS WITH SELF-CLOSING HARDWARE AND LOCKS. CLOSERS SHALL NOT BLOCK REQUIRED LEGAL EGRESS ROUTES.

F. SECURITY:

- PROVIDE SECURITY AND FACILITIES TO PROTECT WORK, EXISTING FACILITIES, AND OWNER'S OPERATIONS FROM UNAUTHORIZED ENTRY, VANDALISM OR THEFT. COORDINATE WITH OWNER'S SECURITY PROGRAM.
- SHOULD IT BE NECESSARY FOR WORK TO BE CONDUCTED ON WEEKENDS OR "OFF-HOURS", THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF THE PREMISES. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER IN ORDER TO OBTAIN KEYS AND ARRANGE FOR THE RETURN OF KEYS.

G. PROGRESS CLEANING:

- MAINTAIN AREAS FREE OF WASTE MATERIALS, DEBRIS, AND RUBBISH. MAINTAIN SITE IN A CLEAN AND ORDERLY CONDITION.
- REMOVE DEBRIS AND RUBBISH FROM PIPE CHASES, PLENUMS, CRAWL SPACES, AND OTHER CLOSED OR REMOTE SPACES, PRIOR TO ENCLOSING THE SPACE.
- BROOM AND VACUUM CLEAN INTERIOR AREAS PRIOR TO START OF SURFACE FINISHING, AND CONTINUE CLEANING TO ELIMINATE DUST.
- UTILIZE STICKY MATS AT ALL POINTS OF EXIT FROM LIMITS OF CONSTRUCTION. MATS TO BE CHANGED OUT AS NECESSARY DURING THE COURSE OF CONSTRUCTION WORK BUT NOT LESS THAN ONCE A DAY.

H. TEMPORARY CONTROLS:

- NOISE CONTROL: PROVIDE ALL NECESSARY REQUIREMENTS FOR NOISE CONTROL DURING CONSTRUCTION PERIODS. CONFORM WITH APPLICABLE OSHA REQUIREMENTS AND LOCAL ORDINANCES HAVING JURISDICTION.
- DUST CONTROL: EXECUTE WORK BY METHODS TO MINIMIZE RAISING DUST FROM CONSTRUCTION OPERATIONS. PROVIDE POSITIVE MEANS TO PREVENT AIR-BORN DUST FROM DISPERSING INTO ATMOSPHERE.
- DEBRIS CONTROL: MAINTAIN ALL AREAS FREE OF EXTRANEIOUS DEBRIS. PROVIDE CONTAINERS FOR DEPOSIT OF DEBRIS.
- POLLUTION CONTROL: PROVIDE METHODS, MEANS, AND FACILITIES TO PREVENT CONTAMINATION OF SOIL, WATER, AND ATMOSPHERE FROM DISCHARGE OF NOXIOUS, TOXIC SUBSTANCES, AND POLLUTANTS PRODUCED BY CONSTRUCTION OPERATIONS.

I. REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS:

- CLEAN AND REPAIR DAMAGE CAUSED BY INSTALLATION OR USE OF TEMPORARY WORK.
- RESTORE EXISTING FACILITIES USED DURING CONSTRUCTION TO ORIGINAL CONDITION. RESTORE PERMANENT FACILITIES USED DURING CONSTRUCTION TO SPECIFIED CONDITION.

J. CONTRACT CLOSEOUT:

- SUBMIT WRITTEN CERTIFICATION THAT CONTRACT DOCUMENTS HAVE BEEN REVIEWED, WORK HAS BEEN INSPECTED, AND THE WORK IS COMPLETE IN ACCORDANCE WITH CONTRACT DOCUMENTS AND READY FOR ARCHITECT'S REVIEW.
- PROVIDE SUBMITTALS TO ARCHITECT THAT ARE REQUIRED BY GOVERNING OR OTHER AUTHORITIES.
- SUBMIT FINAL APPLICATION FOR PAYMENT IDENTIFYING TOTAL ADJUSTED CONTRACT PRICE, PREVIOUS PAYMENTS, AND AMOUNT OF REMAINING DUE.
- ADJUST OPERATING PRODUCTS AND EQUIPMENT TO INSURE SMOOTH AND UNHINDERED OPERATION.
- INSTRUCT OWNER'S PERSONNEL IN OPERATION, ADJUSTMENT AND MAINTENANCE OF EQUIPMENTS AND SYSTEMS USING THE OPERATION AND MAINTENANCE DATA AS THE BASIS OF INSTRUCTION.
- CONDUCT CLEANING AND DISPOSAL OPERATIONS TO COMPLY WITH LOCAL ORDINANCES AND ANTI-POLLUTION LAWS: A) DO NOT DISPOSE OF VOLATILE WASTES SUCH AS MINERAL SPIRITS, OIL, OR PAINT THINNER IN STORM OR SANITARY SEWER. B) DO NOT DISPOSE OF WASTES INTO STREAMS OR WATERWAYS. USE MATERIALS WHICH WILL NOT CREATE HAZARDS TO HEALTH OR PROPERTY, AND WHICH WILL NOT DAMAGE SURFACES.
- USE ONLY MATERIALS AND METHODS RECOMMENDED BY MANUFACTURER OF MATERIAL BEING CLEANED.
- PROVIDE CONTAINERS AND LOCATE ON SITE FOR COLLECTION OF WASTE MATERIALS, RUBBISH, AND DEBRIS WHEN APPLICABLE.
- EXECUTE CLEANING TO ENSURE THAT BUILDING, GROUNDS, AND PUBLIC PROPERTIES ARE MAINTAINED FREE FROM ACCUMULATIONS OF WASTE MATERIALS AND RUBBISH.
- USE EXPERIENCED WORKMEN OR PROFESSIONAL CLEANERS FOR FINAL CLEANING.
- REMOVE TEMPORARY PROTECTION AND LABELS NOT REQUIRED TO REMAIN.
- VACUUM CARPET SURFACES AND POLISH HARD SURFACED FLOOR FINISHES INSTALLED OR AFFECTED BY WORK.
- CLEAN PERMANENT FILTERS OF VENTILATING EQUIPMENT AND REPLACE DISPOSABLE FILTERS WHEN UNITS HAVE BEEN OPERATED DURING CONSTRUCTION.
- REMOVE WASTE, DEBRIS, AND SURPLUS MATERIALS FROM SITE. CLEAN GROUNDS; REMOVE STAINS, SPILLS, AND FOREIGN SUBSTANCES RESULTING FROM CONSTRUCTION WORK FROM PAVED AREAS, AND SWEEP CLEAN. RAKE OTHER EXTERIOR SURFACES AS APPLICABLE.

K. GENERAL NOTES:

- ALL WORK TO COMPLY WITH ALL LOCAL, STATE, NATIONAL, AND FEDERAL REGULATIONS HAVING JURISDICTION OVER THIS PROJECT.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH BUILDING REGULATIONS AND IN A QUALITY WORKMANSHIP LIKE MANNER.
- BEFORE COMMENCING WORK, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD. ANY DISCREPANCY BETWEEN THE EXISTING CONDITIONS AND THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO THE PREPARATION OF BID AND START OF WORK.
- IF FIELD CONDITIONS NECESSITATE ANY CHANGES OR MODIFICATIONS, THE CHANGES OR MODIFICATIONS MUST BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO PROCEEDING WITH WORK.
- ALL EXISTING WORK NOT INDICATED FOR DEMOLITION SHALL BE PROTECTED FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED BY THE CONSTRUCTION PROCESS.
- THE CONTRACTOR SHALL COORDINATE ALL APPLICABLE WORK WITH ALL ASSOCIATED TRADES.
- THE CONTRACTOR SHALL ESTABLISH ALL ITEMS WHICH REQUIRE IMMEDIATE PROCESSING DUE TO LONG LEAD OPERATING TIME. A LIST OF THESE ITEMS SHALL BE SUBMITTED TO THE ARCHITECT AND OWNER WITHIN ONE WEEK AFTER THE CONTRACT IS AWARDED.
- THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE TO THE ARCHITECT AND OWNER WITHIN ONE WEEK AFTER THE AWARD OF THE CONTRACT.
- ALL SUBCONTRACTORS SHALL SUBMIT SHOP DRAWINGS THROUGH THE CONTRACTOR. ONCE CHECKED, THE CONTRACTOR SHALL SUBMIT THE SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION AND INSTALLATION.
- MANUFACTURER'S DIRECTIONS FOR APPLICATION, INSTALLATION, AND METHODS SHALL BE FOLLOWED AND HEREWITH MADE A PART OF CONSTRUCTION DOCUMENTS.
- INSURANCE: THE CONTRACTOR AND EACH SUBCONTRACTOR NEEDS WORKMAN'S COMPENSATION AS REQUIRED BY LAW AND OWNER REQUIREMENTS AND SUFFICIENT PROTECTION FOR CLAIMS FOR PERSONAL INJURY, INCLUDING DEATH, SHOULD THEY ARISE FROM OPERATIONS UNDER CONTRACT.
- CONTRACTOR IS TO EXERCISE SPECIAL CARE IN THE HANDLING OF MATERIALS, EQUIPMENT, AND RUBBISH TO AVOID INCONVENIENCE AND ANNOYANCE TO ADJACENT BUILDINGS AND TENANT AREAS.
- ALL PHASING AND ALTERNATE DAILY ROUTES DURING CONSTRUCTION SHALL BE DEVELOPED BY THE CONTRACTOR AS PART OF THEIR MEANS AND METHODS. COORDINATE ALL PHASING WITH THE OWNER.
- MEANS AND EGRESS SHALL BE CONTINUOUSLY MAINTAINED FREE OF ALL OBSTRUCTIONS IN CASE OF FIRE OR OTHER EMERGENCY.
- ALL PENETRATIONS PASSING THROUGH RATED PARTITION ASSEMBLIES SHALL MAINTAIN THE INTEGRITY OF THE EXISTING AND/OR NEW RATED PARTITION PER F.B.C. 713.3.1. NO SUBSTITUTIONS ARE TO BE MADE WITHOUT APPROVAL BY THE ARCHITECT AND OWNER. CONTRACTOR TO SUBMIT SUBSTITUTE MATERIAL SPECIFICATIONS FOR APPROVAL IN WRITING TO THE ARCHITECT AND OWNER PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL HAVE AN ENGLISH-SPEAKING SUPERVISOR/REPRESENTATIVE ON THE WORK SITE AT ALL TIMES, WHO SHALL BE THOROUGHLY KNOWLEDGEABLE OF ALL PLANS, SPECIFICATIONS, AND OTHER CONTRACT DOCUMENTS AND HAS THE AUTHORITY TO ACT IN THE CONTRACTOR'S BEHALF.
- ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK.

ARCHITECTURAL ABBREVIATIONS

ACOUST.	ACOUSTICAL	GL.	GLASS
ADJ.	ADJUSTABLE	GWB	GYPSUM WALL BOARD
AFF	ABOVE FINISH FLOOR	HDWR	HARDWARE
A/C	AIR CONDITIONING UNIT	HM	HOLLOW METAL
AHU	AIR HANDLING UNIT	HORIZ.	HORIZONTAL
ALUM.	ALUMINUM	HP	HIGH POINT
APPROX.	APPROXIMATELY	HVAC	HEATING, VENTILATION & A/C
BD.	BOARD	ICRA	INFECTION CONTROL RISK ASSESSMENT
BLDG.	BUILDING	ILSM	INTERIM LIFE SAFETY MEASURES
BLK.	BLOCK	IN.	IN/INCHES
BLKG.	BLOCKING	INSUL.	INSULATION
B.O.	BOTTOM OF	LT. WT.	LIGHT WEIGHT
BUR	BUILT UP ROOF	MAX	MAXIMUM
CAB.	CABINET	MECH.	MECHANICAL
CB	CATCH BASIN	MEP	MECHANICAL, ELECTRICAL & PLUMBING
CEM.	CEMENT	MFG.	MANUFACTURING
CG	CORNER GUARD	MIN.	MINIMUM
CT	CERAMIC TILE	MISC.	MISCELLANEOUS
CJ	CONTROL JOINT	MO	MASONRY OPENING
CLKG.	CAULKING	MTL.	METAL
CLNG.	CEILING	NIC	NOT IN CONTRACT
CLR.	CLEAR	NTS	NOT TO SCALE
CLO.	CLOSET	OC	ON CENTER
CMU	CONCRETE MASONRY UNIT	OH	OPPOSITE HAND
C.O.	CLEAN OUT	OVHD.	OVERHEAD
COL	COLUMN	PPE	PERSONAL PROTECTIVE EQUIPMENT
CONC.	CONCRETE	P.T.	PRESSURE TREATED
CONST.	CONSTRUCTION	PTD.	PAINTED
CONT.	CONTINUOUS	QTY.	QUANTITY
CL	CENTER LINE	RCP	REFLECTED CEILING PLAN
C.P.T.	COMMON PATH OF TRAVEL	RE:	REFERENCE
DTL	DETAIL	REF:	REFERENCE
DF	DRINKING FOUNTAIN	REQD.	REQUIRED
DIA.	DIAMETER	R.D.	ROOF DRAIN
DIM.	DIMENSION	R.O.	ROUGH OPENING
DN	DOWN	SCHED.	SCHEDULE
D.O.	DOOR OPENING	SCW	SOLID CORE WOOD
DWG.	DRAWING	SHT.	SHEET
EA	EACH	SIM	SIMILAR
EF	EXHAUST FAN	SPEC.	SPECIFICATIONS
EJ	EXPANSION JOINT	S.S.	STAINLESS STEEL
ELEC.	ELECTRICAL	STD.	STANDARD
ELEV.	ELEVATION	STL.	STEEL
EQ.	EQUAL	STOR.	STORAGE
EW	EYE WASH	STRUCT.	STRUCTURAL
EXIST.	EXISTING	SUSP.	SUSPENDED
FBC	FLORIDA BUILDING CODE	T.D.	TRAVEL DISTANCE
F.D.	FLOOR DRAIN	TEL.	TELEPHONE
FE	FIRE EXTINGUISHER	TYP.	TYPICAL
FEC	FIRE EXTINGUISHER CABINET	U.L.	UNDERWRITERS LAB
F.F.	FINISH FLOOR	U.N.O.	UNLESS NOTED OTHERWISE
FIN.	FINISH	VCT	VINYL COMPOSITE TILE
FL	FLOOR	V I F	VERIFY IN FIELD
FP	FIRE PROTECTION	W/	WITH
F.T.	FIRE TREATED	W.C.	WATER CLOSET
FT	FEET/FOOT	W.P.	WATERPROOFING
GALV.	GALVANIZED	YD.	YARD

PROJECT DESCRIPTION

THE AUDITORIUM BUILDING IS LOCATED AT 1000 NW 111 AVENUE, MIAMI FLORIDA 33172

THE SCOPE OF WORK IS ALTERATIONS TO MENS / WOMENS GROUP RESTROOMS AND JANITOR CLOSET FOR THE EXCLUSIVE PURPOSE OF MEETING ACCESSIBILITY REQUIREMENTS. THE WORK IS TAKING PLACE IN AN EXISTING ASSEMBLY BUILDING.

APPLICABLE CODES

THE FOLLOWING IS A LIST OF APPLICABLE CODES FOR THE PROJECT. WHERE DIFFERENT REQUIREMENTS ARE SPECIFIED BETWEEN CODES, THE MOST STRINGENT AND RESTRICTIVE REQUIREMENTS ARE APPLICABLE AND ARE NOTED IN THIS OUTLINE.

FLORIDA BUILDING CODE 6TH EDITION (2017) BUILDING
FLORIDA BUILDING CODE 6TH EDITION (2017) ACCESSIBILITY
FLORIDA BUILDING CODE 6TH EDITION (2017) EXISTING BUILDING
FLORIDA BUILDING CODE 6TH EDITION (2017) PLUMBING
FLORIDA BUILDING CODE 6TH EDITION (2017) MECHANICAL
NATIONAL ELECTRIC CODE 2014

FLORIDA FIRE PREVENTION CODE 6TH EDITION

BUILDING/ZONING: CITY OF SWEETWATER, FLORIDA
FIRE JURISDICTION: MIAMI DADE COUNTY, FLORIDA

BUILDING DATA

CONSTRUCTION TYPE (FBC CHAPTER 6 TABLE 601)	TYPE VB - (NON SPRINKLERED) EXISTING 1 STORY BUILDING SINGLE TENANT LEVEL 1 ALTERATION (PER FBC EXISTING BUILDING 801.1, EXCEPTION FOR ACCESSIBILITY)
OCCUPANCY CLASSIFICATION (FBC CHAPTER 3 & 4)	ASSEMBLY - FBC GROUP A-3

BUILDING AREA (INCLUDING COVERED BREEZEWAY)	5,315 SQUARE FEET
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MEANS OF EGRESS (FROM RESTROOMS ONLY)

	REQUIRED	PROVIDED
TRAVEL DISTANCE:		
MAXIMUM TRAVEL DISTANCE (PER FBC TABLE 1017.2)	1ST FLOOR: 200'-0" MAX	1ST FLOOR: 48'-9" MAX
COMMON PATH OF TRAVEL (PER FBC TABLE 1006.2.1)	1ST FLOOR: 75'-0" MAX	1ST FLOOR: 35'-9" MAX
DEAD END CORRIDOR (PER FBC 1020.4)	1ST FLOOR: 20'-0" MAX	1ST FLOOR: N/A
EGRESS WIDTH:		
DOORS (PER FBC 1010.1.1)	32"	32"
NUMBER OF EXITS:		
1-500 OCC (PER FBC 1006.3.1)	2	2

INTERIOR FINISHES (FFPC 101: A10.2 FBC: 803.1, TABLE 803.11)

	REQUIRED	PROVIDED
INT. EXIT STAIRWAYS AND RAMPS & EXIT PASSAGEWAYS	CLASS A: FLAME SPREAD 0-25 SMOKE DEVELOPED 0-450	CLASS A
CORRIDORS & ENCLOSURE FOR EXIT ACCESS	CLASS A: FLAME SPREAD 0-25 SMOKE DEVELOPED 0-450	CLASS A
ROOMS & ENCLOSED SPACES	CLASS C: FLAME SPREAD 76-200 SMOKE DEVELOPED 0-450	CLASS C

FIRE / SMOKE PARTITIONS

FIRE AND SMOKE BARRIERS IDENTIFICATION (FBC 703.7)

FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUCH IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES. SUGGESTED WORDING: "X HR FIRE AND/OR 1 HR SMOKE BARRIER - PROTECT ALL OPENINGS AS INDICATED ON LIFE SAFETY PLAN."

PENETRATIONS THROUGH FIRE BARRIERS

- PENETRATIONS THROUGH FIRE BARRIERS AND PARTITIONS SHALL COMPLY WITH FBC 714

- DUCTS AND AIR TRANSFER OPENINGS SHALL COMPLY WITH FBC 714

SMOKE PARTITIONS

- SMOKE PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE UNDERSIDE OF THE FLOOR OR ROOF DECK ABOVE OR TO THE UNDERSIDE OF THE CEILING ABOVE WHERE THE CEILING MEMBRANE IS CONSTRUCTED TO LIMIT THE TRANSFER OF SMOKE.
- SMOKE PARTITIONS SHALL COMPLY WITH FBC 710.

FIRE/ SMOKE BARRIERS

- SHALL COMPLY W/ FBC 707/709

SYMBOLS

SYMBOL	DESCRIPTION
#	KEYED NOTE KEYED NOTES ONLY APPLY TO RESPECTIVE SHEET
X#	PARTITION TAG REFER TO PARTITION TYPES
#X	PARTIAL BUILDING SECTION TAG/ WALL SECTION TAG
X #X	ELEVATION TAG
#X	PLAN REFERENCE TAG
#X	ROOM NAME
#X	ROOM NUMBER
	NEW WALL / DOOR WITH DOOR TAG REFER TO DOOR SCHEDULE

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
05/31/2019	100% CONSTRUCTION DOCUMENTS		

ADOLFO J. COTILLA JR., AIA
ARCHITECTURAL LICENSE No. AR 0008011
ACAI ASSOCIATES, INC.
2937 W. CYPRESS CREEK RD., SUITE 200
FT. LAUDERDALE, FLORIDA 33309

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

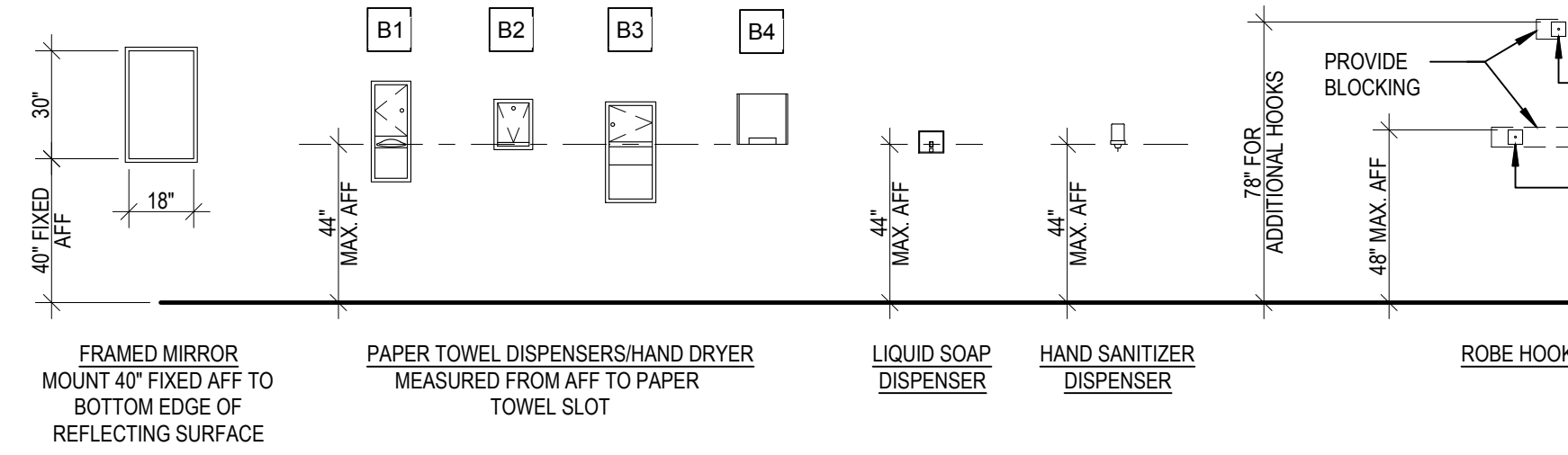
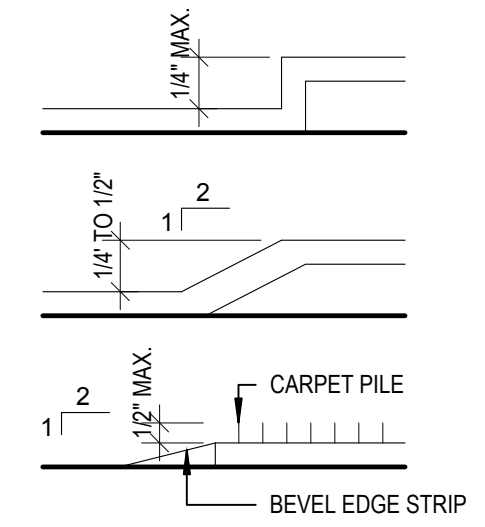
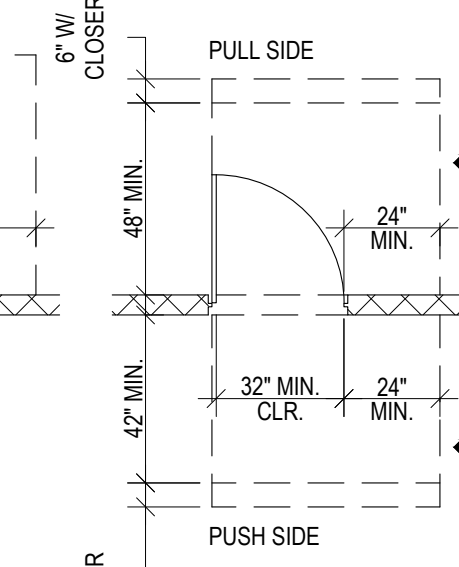
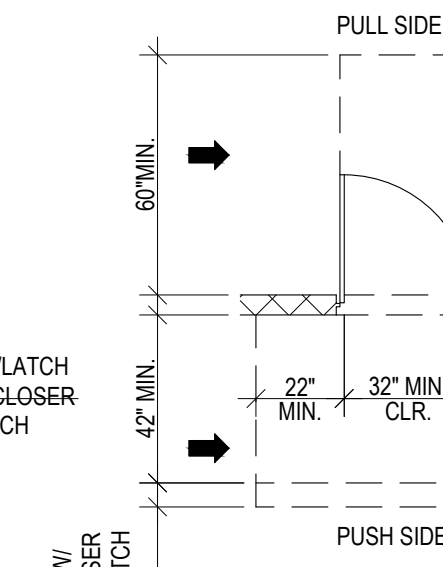
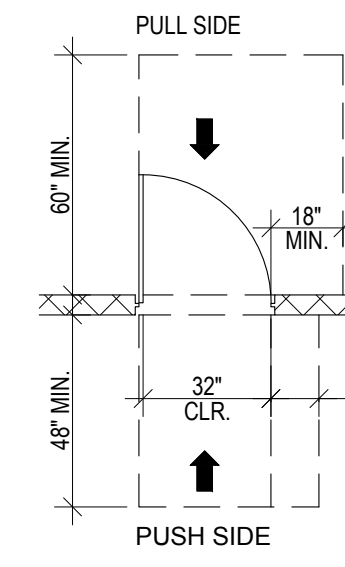
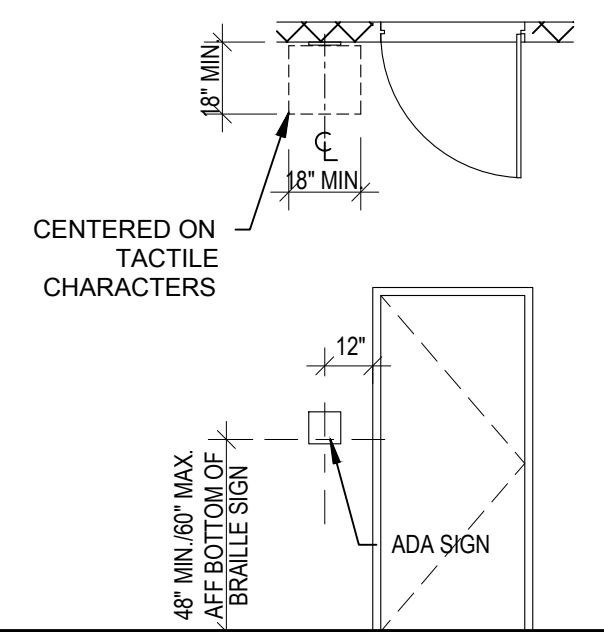
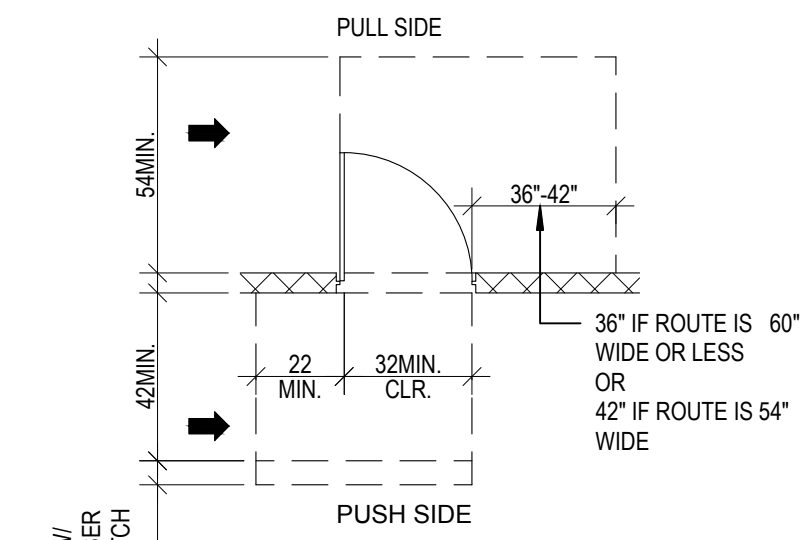
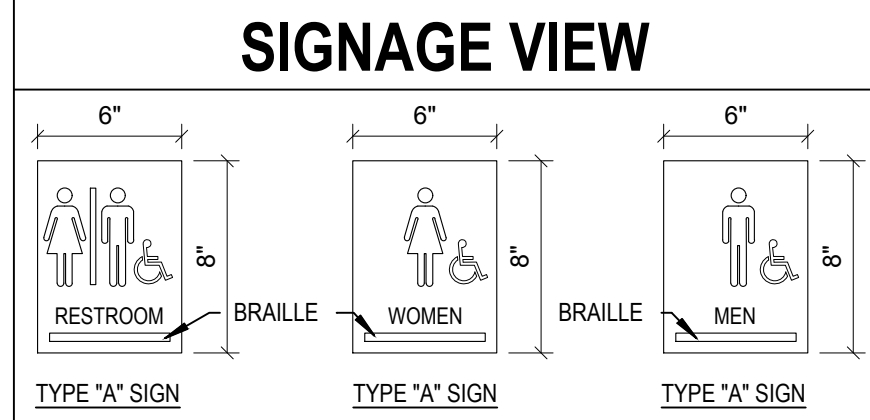
ADDRESS	COUNTY	FINANCIAL PROJECT ID
1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01

AUDITORIUM BUILDING - GENERAL NOTES, ABBREVIATIONS, PROJECT DESCRIPTION AND CODE ANALYSIS

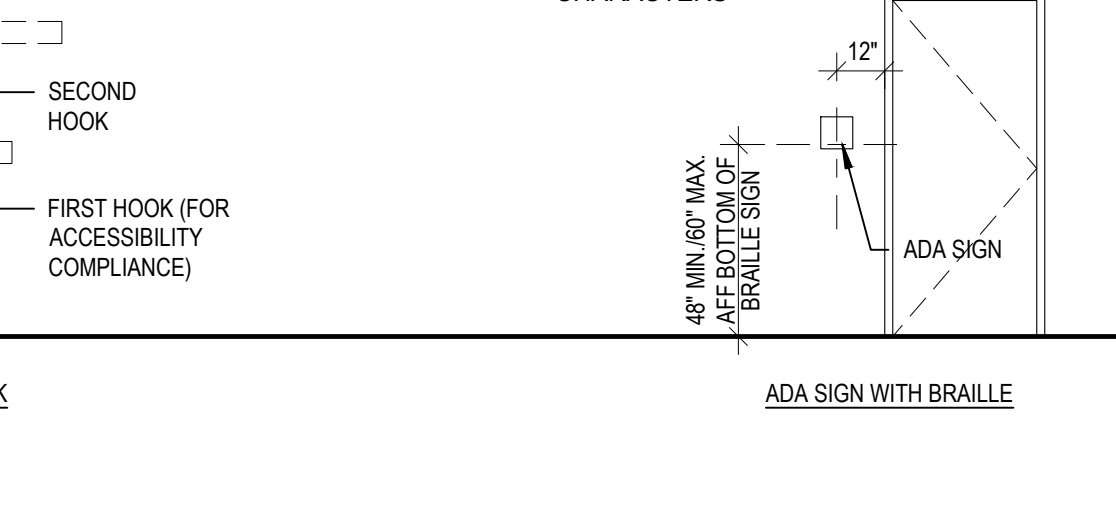
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AA-003

GRAB BARS: THE RANGE OF GRAB BARS IN BATHROOMS IS 33" - 36" TO THE TOP. DIMENSION THEM TO BE 34" TO THE TOP TO ALLOW FOR CONSTRUCTION TOLERANCES. ITEMS ABOVE GRAB BARS SHALL BE A MINIMUM OF 12" ABOVE THE BAR OR A MINIMUM OF 1 1/2" BELOW THE GRAB BARS. THIS APPLIES TO TOILET PAPER DISPENSERS, ETC. REACH DIMENSION IS 48" MAX.



A B C D E



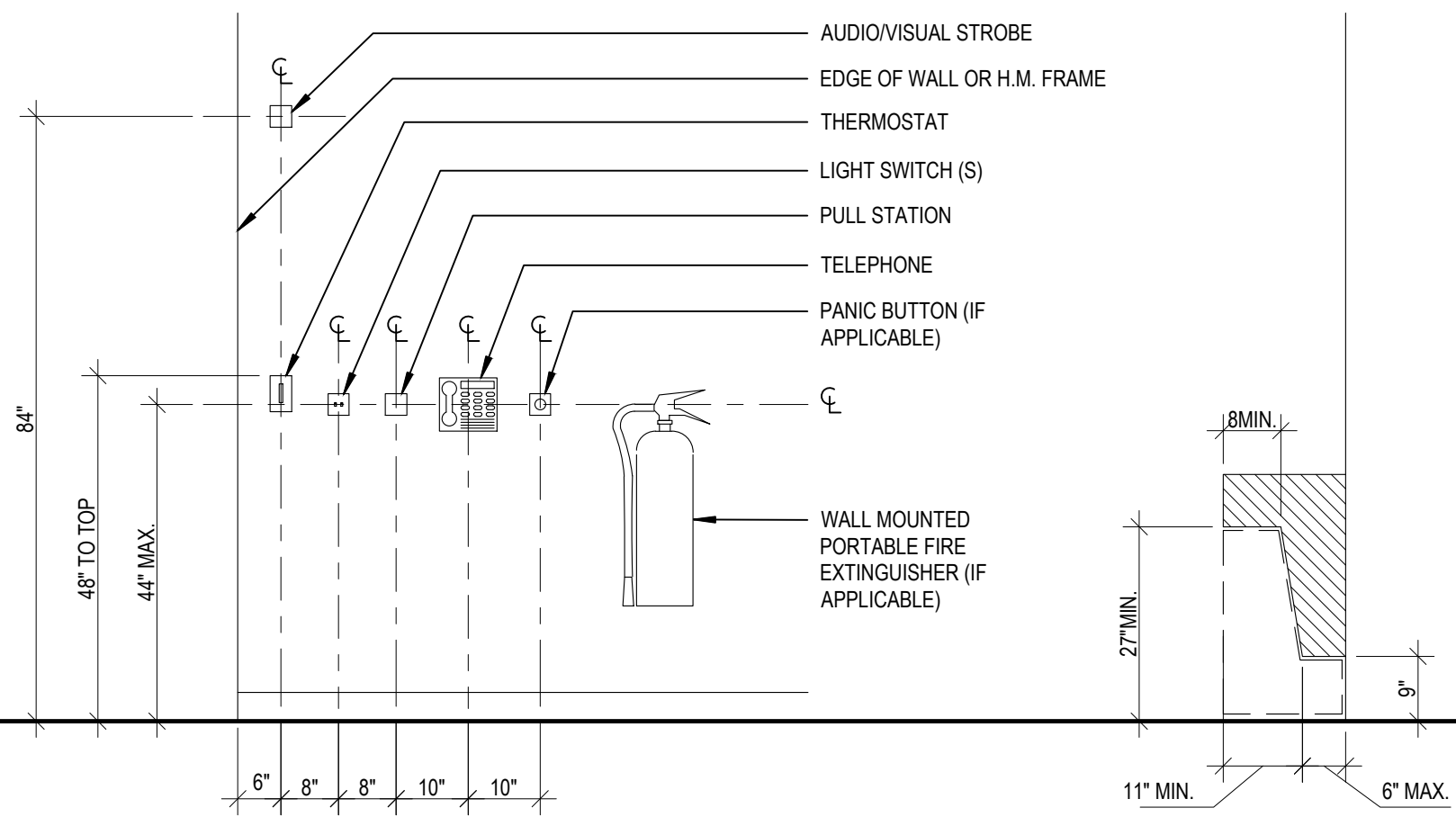
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DOOR CLEARANCES AT FRONT APPROACH DOORS

DOOR CLEARANCES AT HINGE SIDE APPROACH DOORS

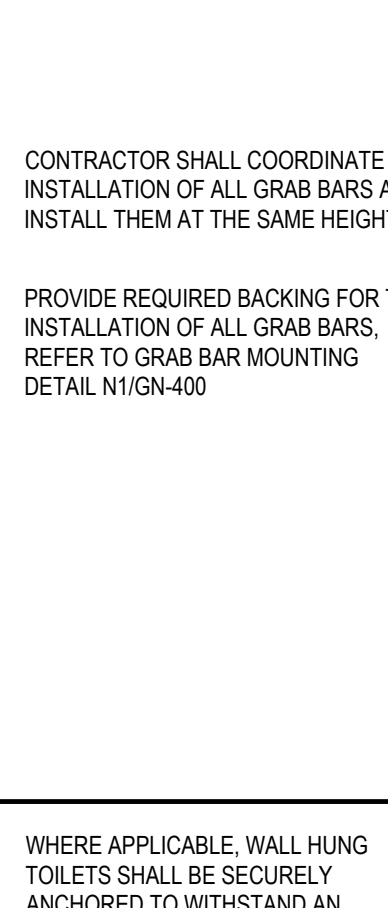
DOOR CLEARANCES AT LATCH SIDE APPROACH DOORS

CHANGES IN LEVEL IN AN ACCESSIBLE ROUTE



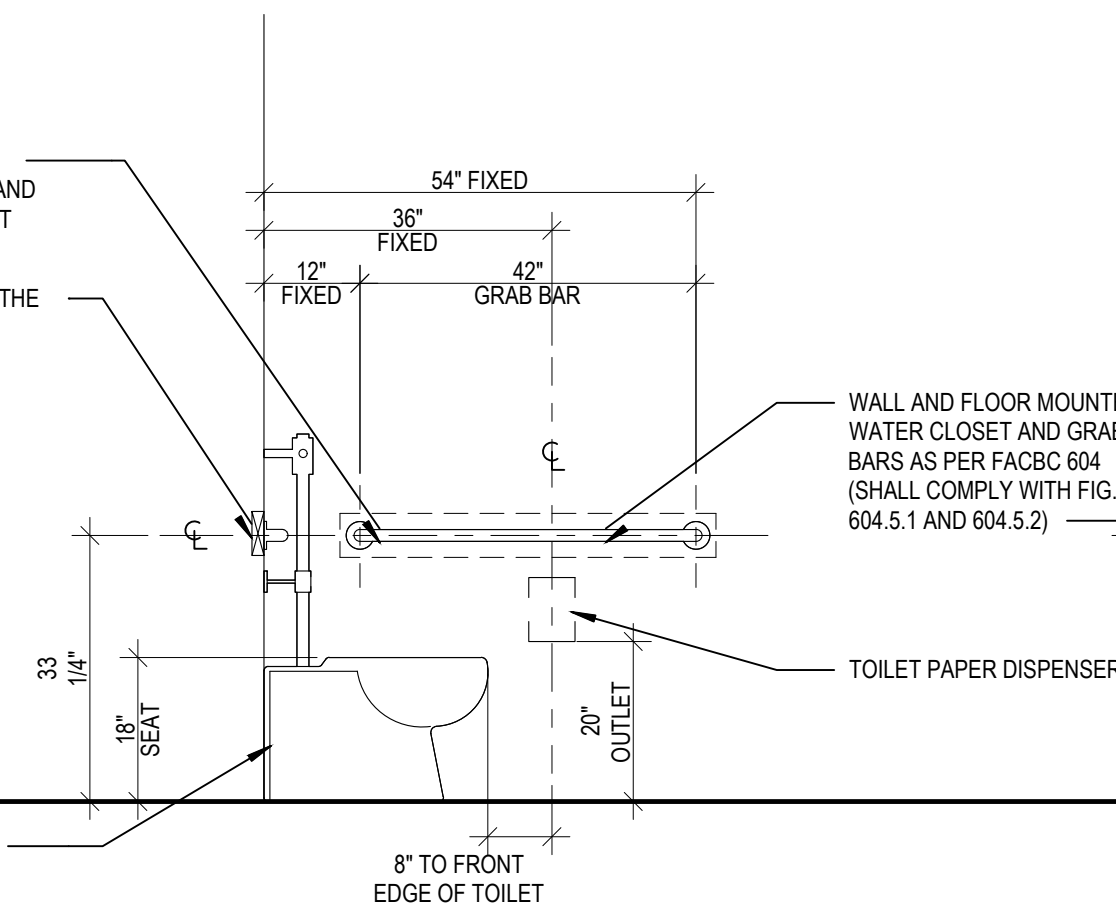
MOUNTING ELEVATIONS

I



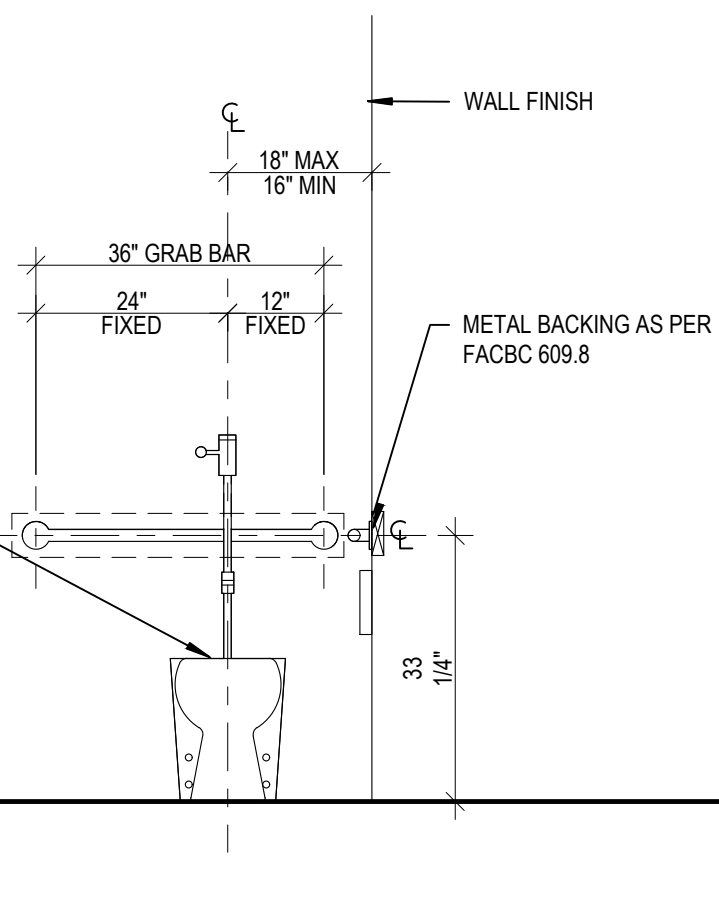
KNEE AND TOE CLEARANCE

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TYP. ADA COMPLIANT WATER CLOSET ELEVATION AND CLEARANCES REQUIRED WALL AND FLOOR MOUNTED MOUNTED

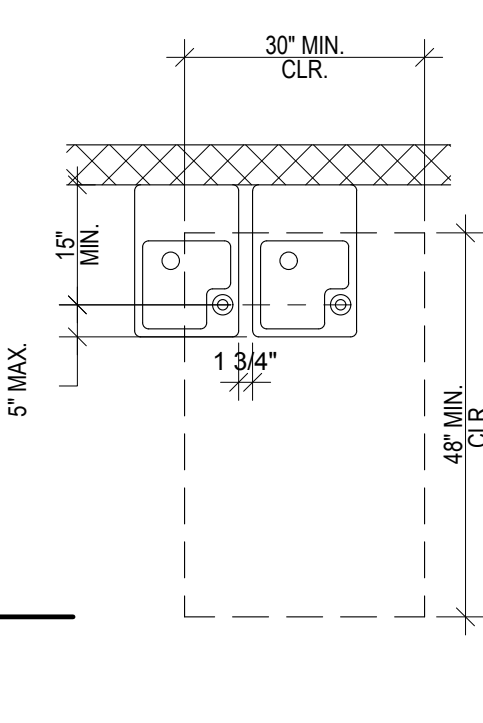
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NOTES:
1) DRINKING FOUNTAIN SHALL BE SECURELY ANCHORED TO WITHSTAND AN APPLIED VERTICAL LOAD OF NOT LESS THAN 250 LBS ON THE FIXTURE FRONT.

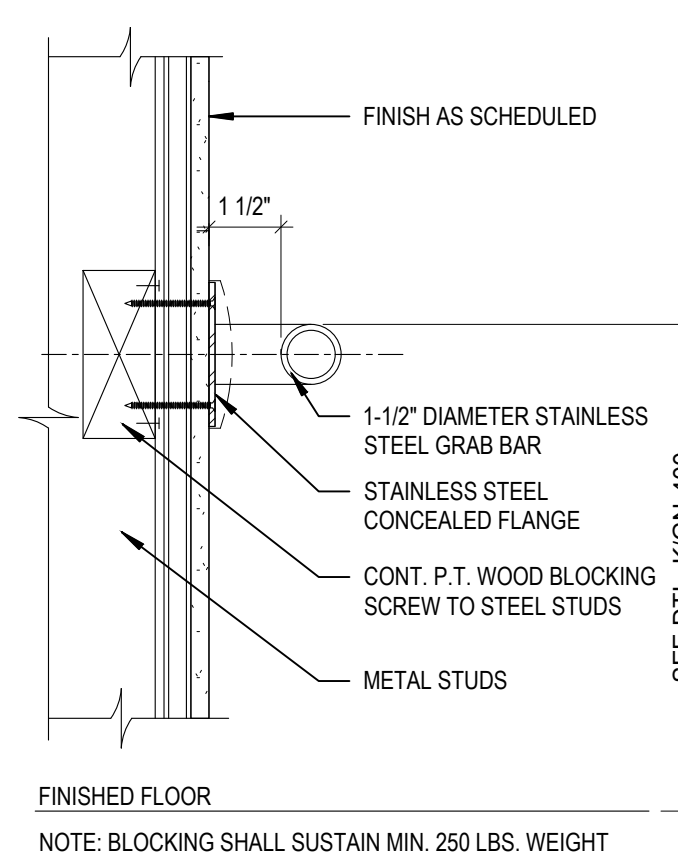
DRINKING FOUNTAIN FRONT ELEVATION

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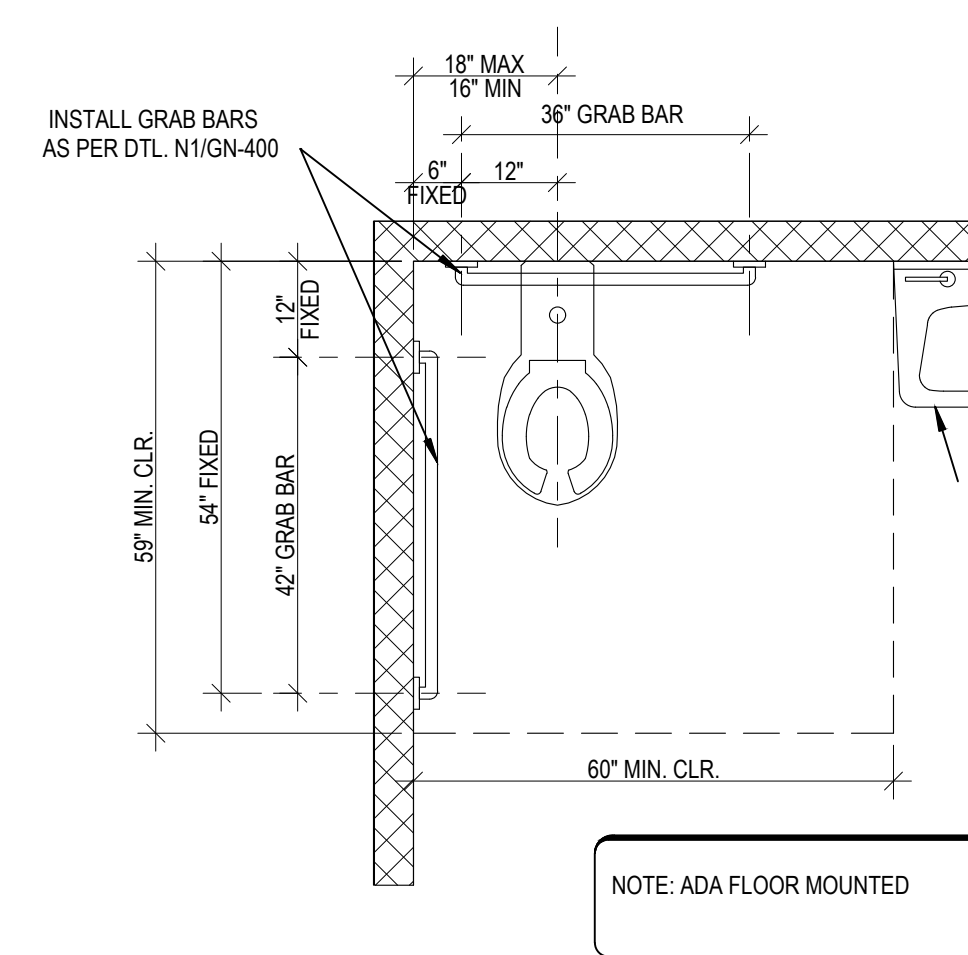
CLEARANCE AT DRINKING FOUNTAIN

M



GRAB BAR MOUNTING DETAIL

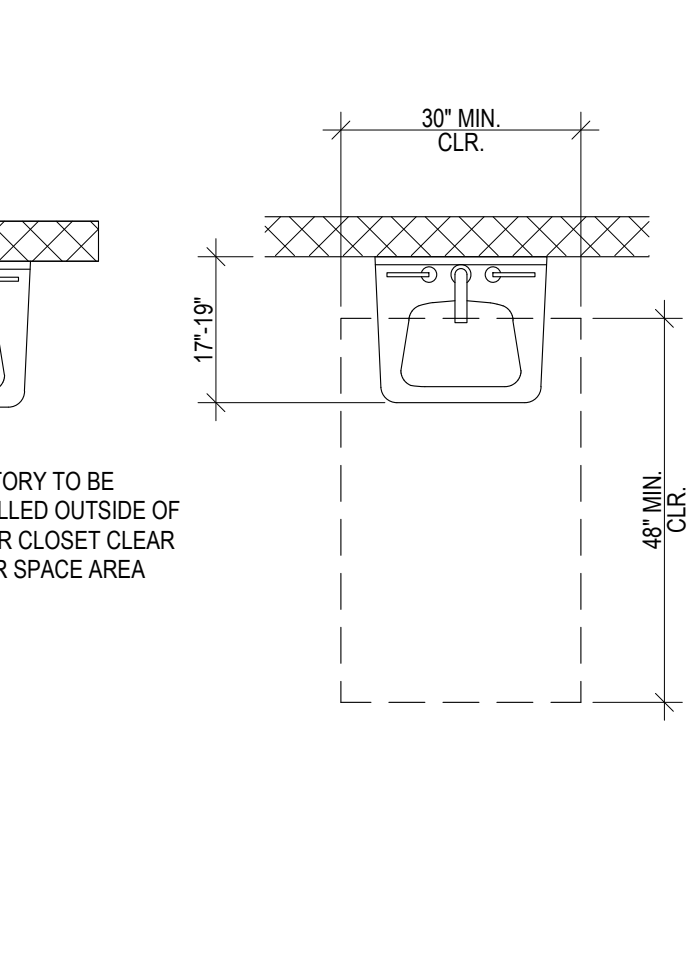
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NOTE: ADA FLOOR MOUNTED

CLEARANCE AT WATER CLOSET

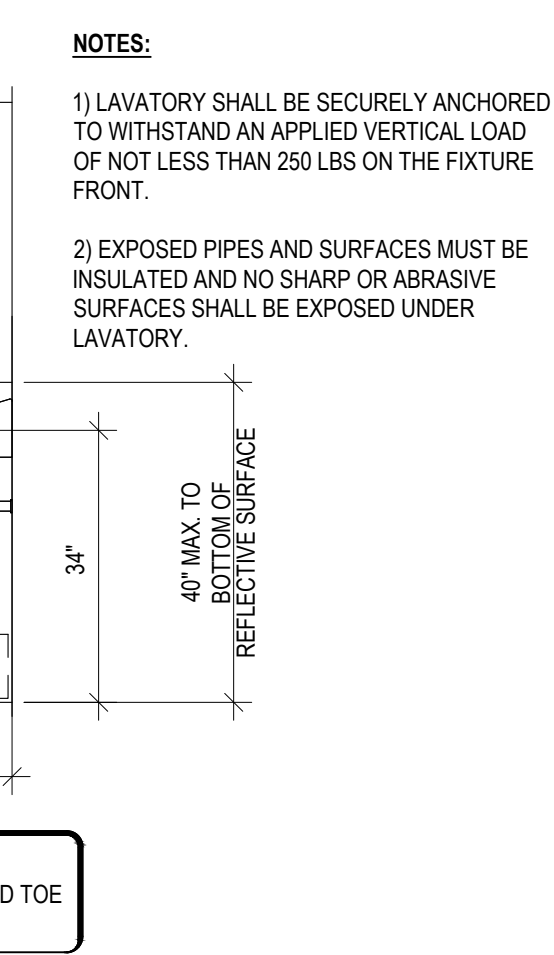
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NOTE: LAVATORY MUST COMPLY WITH KNEE AND TOE CLR. DETAIL 'J'.

CLEARANCE AT LAVATORY

O



CLEARANCE AT URINAL

P

REVISIONS

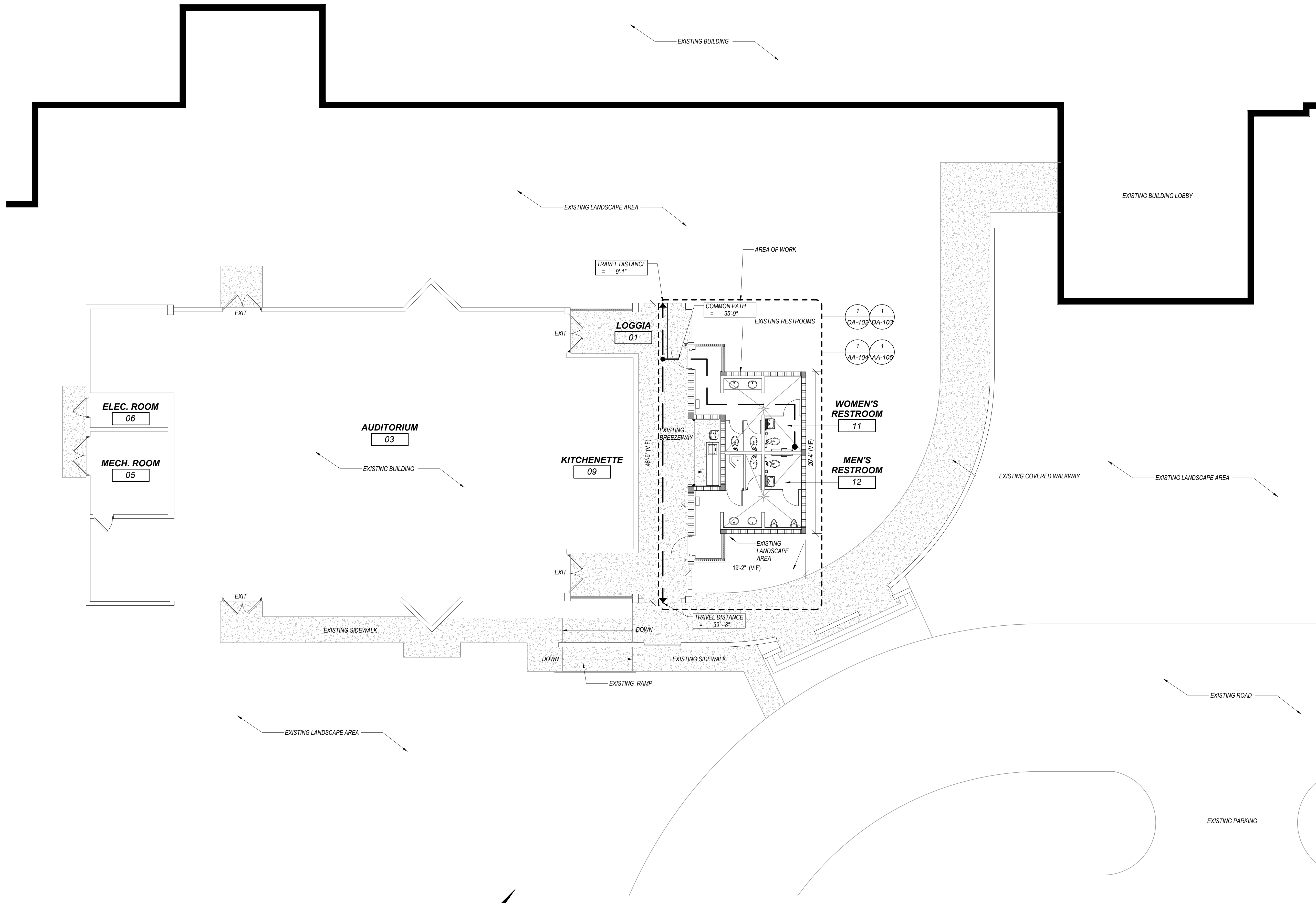
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05/31/2019	100% CONSTRUCTION DOCUMENTS		

ADOLFO J. COTILLA JR., AIA
ARCHITECTURAL LICENSE No. AR 0008011
ACAI ASSOCIATES, INC.
2937 W. CYPRESS CREEK RD., SUITE 200
FT. LAUDERDALE, FLORIDA 33309

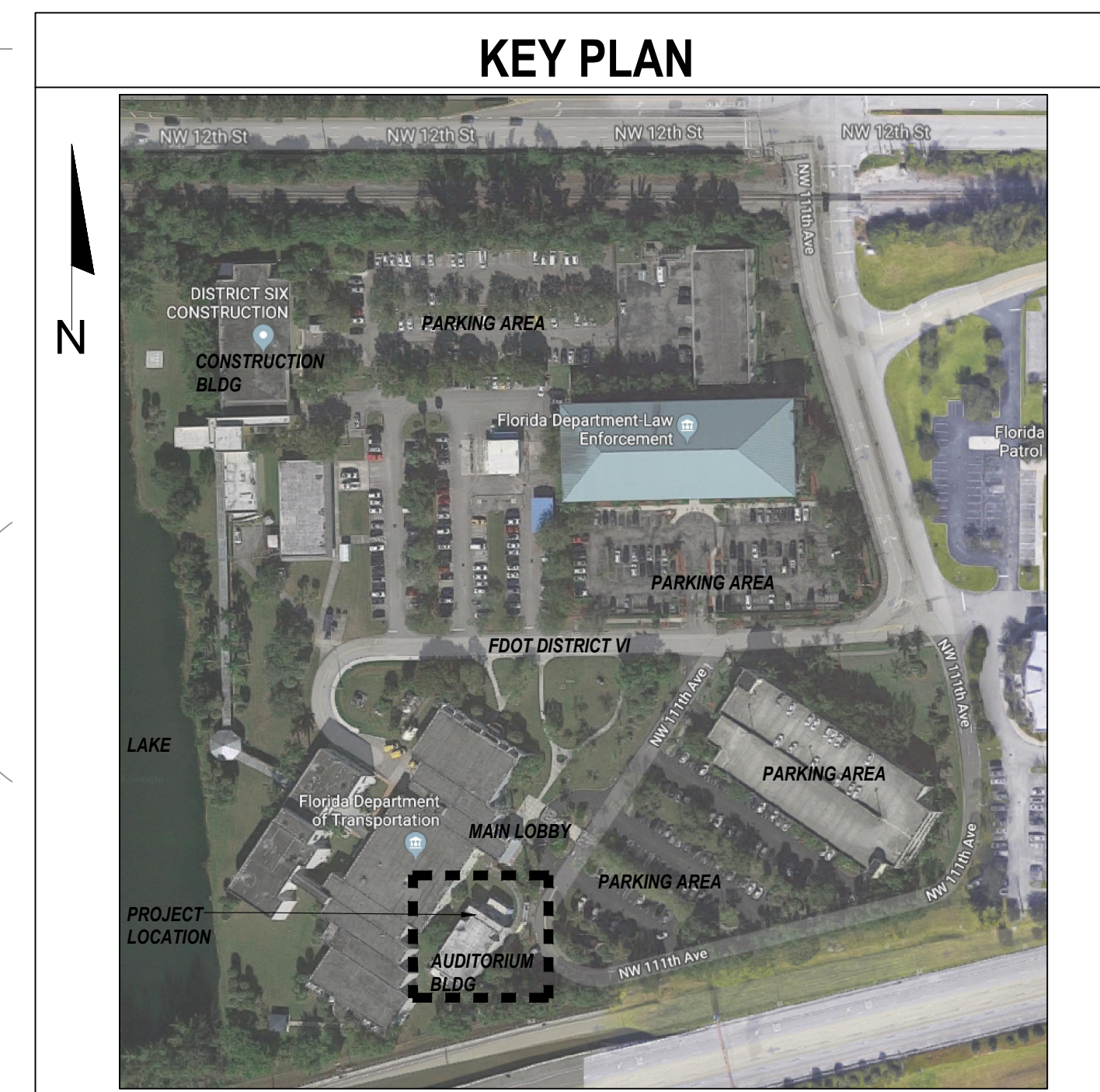
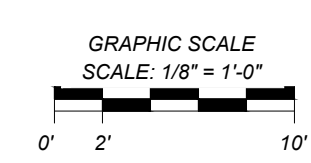
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ADDRESS	COUNTY	FINANCIAL PROJECT ID
1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01

ADA DETAILS & TYPICAL MOUNTING HEIGHTS

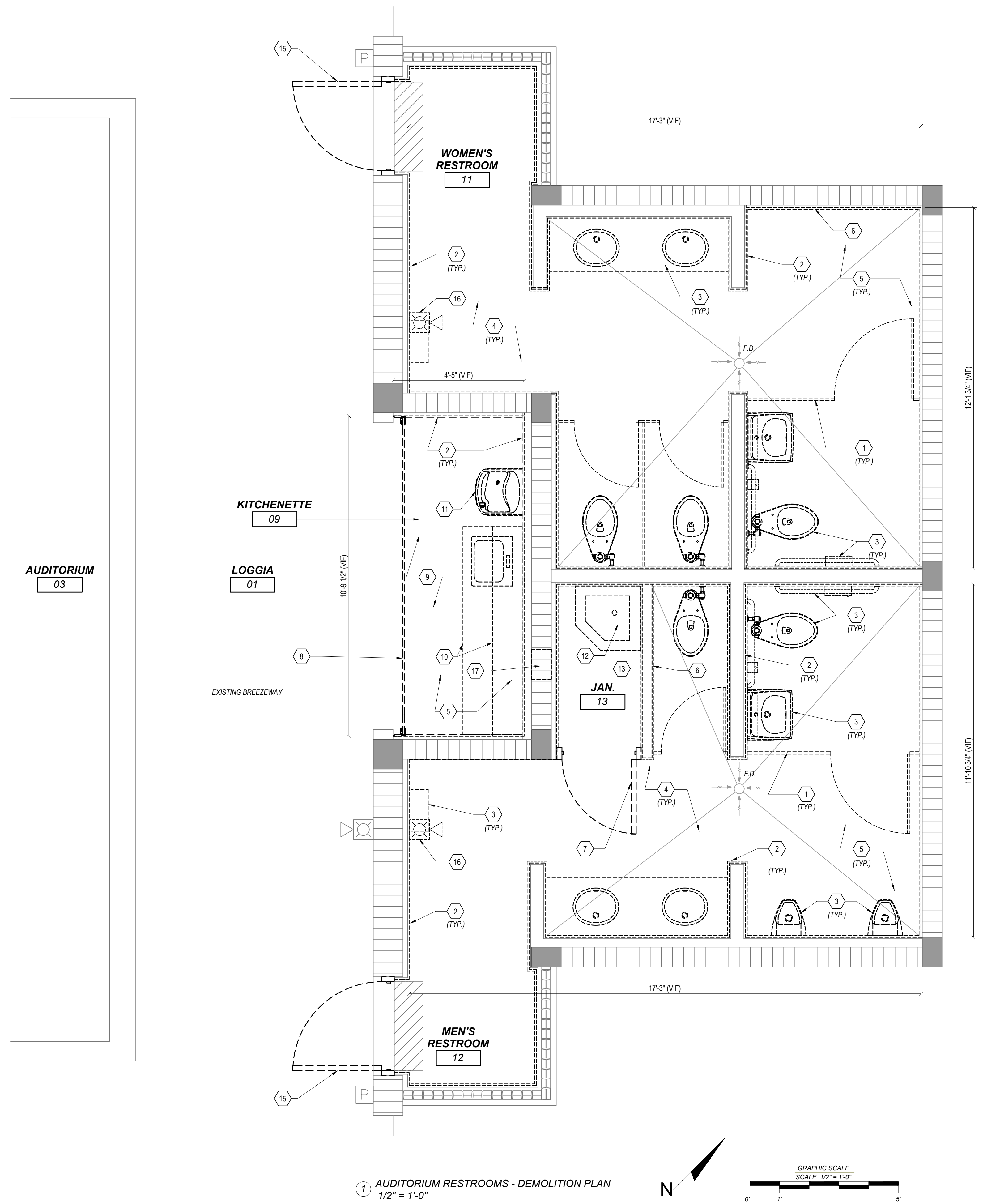
SHEET NO.
AA-004



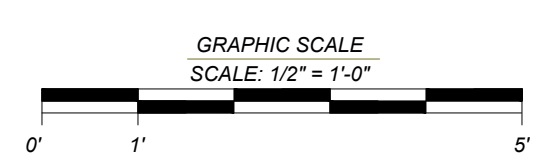
1 AUDITORIUM BUILDING - OVERALL EXISTING FLOOR PLAN
1/8" = 1'-0"



REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM BUILDING - OVERALL EXISTING FLOOR PLAN	SHEET NO. AA-101
DATE	DESCRIPTION	DATE	DESCRIPTION	ADDRESS	COUNTY	FINANCIAL PROJECT ID		
05/31/2019	100% CONSTRUCTION DOCUMENTS			1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		



1 AUDITORIUM RESTROOMS - DEMOLITION PLAN
1/2" = 1'-0"

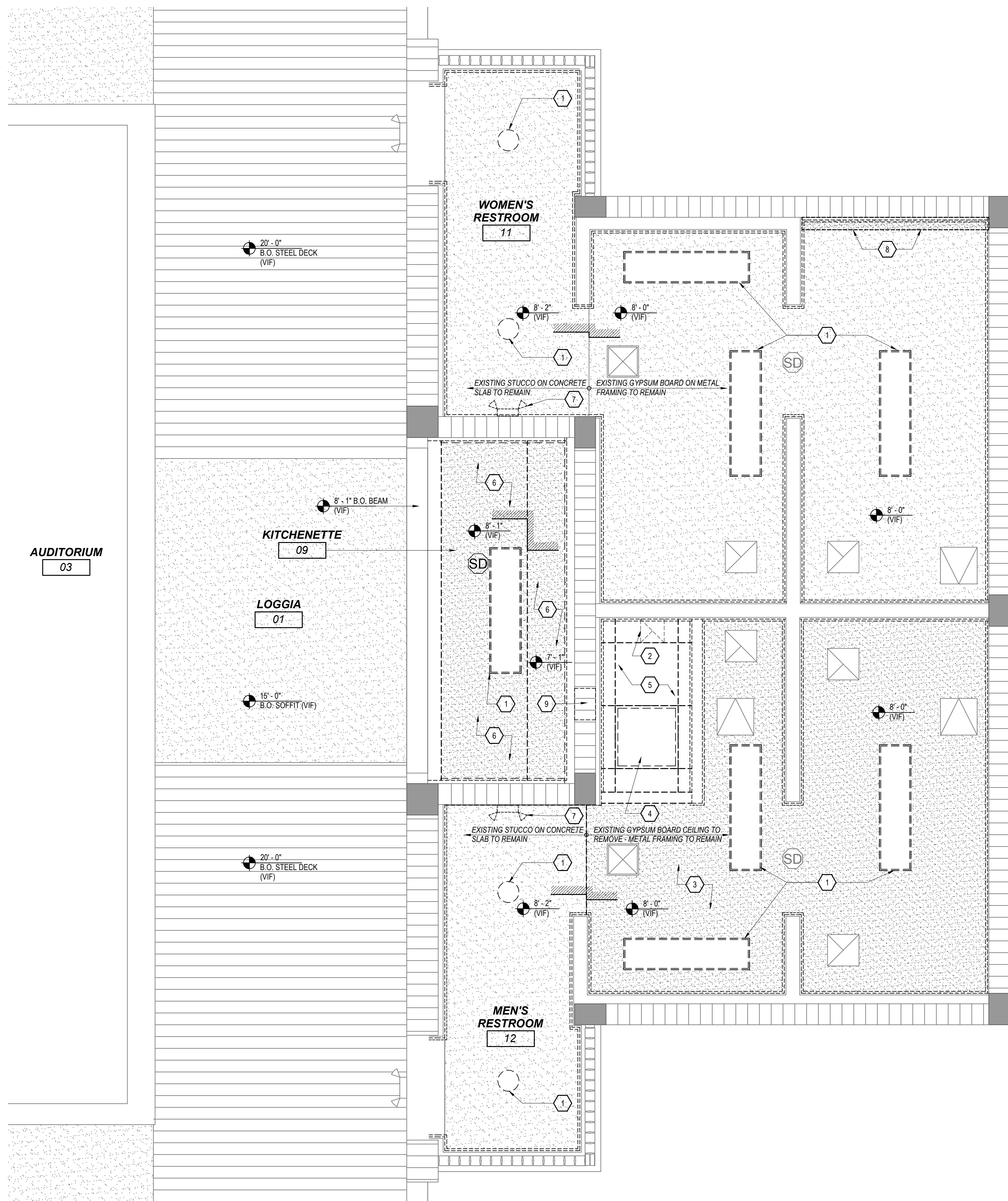


LEGEND	
	DENOTES EXISTING CONCRETE COLUMN TO REMAIN
	DENOTES EXISTING MASONRY WALL TO REMAIN
	DENOTES EXISTING PARTITION TO REMAIN
	DENOTES EXISTING GLASS BLOCK WALL TO REMAIN
	DENOTES EXISTING FIRE ALARM HORN / STROBE DEVICE TO REMAIN
	DENOTES EXISTING FIRE ALARM MANUAL PULL STATION TO REMAIN
	DENOTES EXISTING CONSTRUCTION AND COMPONENTS TO BE REMOVED. (SEE KEY DEMOLITION NOTES FOR DTL.)

DEMOLITION KEY NOTES	
1	REMOVE EXISTING TOILET PARTITIONS
2	REMOVE EXISTING WALL TILES, WALL BASES AND PARTITION SUBSTRATES TO ALLOW INSTALLATION OF NEW FINISHES AND NEW FIXTURES/ACCESSORIES. EXISTING PARTITION FRAMING TO REMAIN. RELOCATE AND / OR CAP-OFF EXISTING UTILITIES AS REQUIRED. PATCH AND REPAIR CEILING AS REQUIRED
3	REMOVE ALL EXISTING PLUMBING FIXTURES, COUNTERTOP AND ACCESSORIES. CAP-OFF AND/OR RELOCATE PIPING AS REQUIRED (SEE PLUMBING DRAWINGS)
4	REMOVE EXISTING FLOOR FINISH. PATCH AND REPAIR FLOOR SUBSTRATE TO RECEIVE NEW FINISHES
5	TRENCH EXISTING FLOOR SLAB AS REQUIRED. G.C. TO COORDINATE EXTENT OF TRENCHING REQUIRED WITH PROPOSED PLUMBING WORK. SEE TYPICAL NEW SLAB INFILL DETAIL AT 10AA-108
6	REMOVE EXISTING PARTITION INCLUDING FRAMING. RELOCATE AND / OR CAP-OFF EXISTING UTILITIES AS REQUIRED. PATCH AND REPAIR CEILING AS REQUIRED
7	REMOVE EXISTING DOOR AND FRAME
8	REMOVE EXISTING ROLL-UP DOOR AND ASSOCIATED HARDWARE AND ELECTRICAL COMPONENTS. PATCH AND REPAIR WALLS AS REQUIRED
9	REMOVE EXISTING FLOOR FINISH AND THRESHOLD. REMOVE EXISTING CEILING, SOFFIT AND ASSOCIATED ELECTRICAL AND LIGHTING FIXTURE. PATCH AND REPAIR AND LEVEL EXISTING CONCRETE FLOOR SLAB TO RECEIVE NEW FINISH SEALER AND COLOR.
10	REMOVE EXISTING MILLWORK (COUNTERTOP, BACKSPASHES, BASE AND UPPER CABINETS) AND ASSOCIATED ELECTRICAL AND PLUMBING FIXTURES. RELOCATE AND/OR CAP-OFF ALL EXISTING UTILITIES AS REQUIRED (SEE PLUMBING AND ELECTRICAL DRAWINGS) PATCH AND REPAIR FLOOR AND ADJACENT WALLS WHERE APPLICABLE IN ACCORDANCE WITH INSTALLATION OF NEW ITEMS, FIXTURES AND FINISHES.
11	REMOVE EXISTING DRINKING FOUNTAIN. CAP-OFF AND/OR RELOCATE PIPING AS REQUIRED (SEE PLUMBING DRAWINGS)
12	REMOVE EXISTING FLOOR MOUNTED MOP SINK AND ASSOCIATED FIXTURES. CAP-OFF AND/OR RELOCATE UTILITIES AS REQUIRED (SEE PLUMBING DRAWINGS)
13	REMOVE EXISTING CEILING LIGHTING AND EXHAUST AT JAN. CLOSET. CAP-OFF AND/OR RELOCATE UTILITIES AS REQUIRED (SEE MEP DRAWINGS)
14	NOT USED
15	REMOVE EXISTING EXTERIOR DOOR, FRAME AND THRESHOLD TO ALLOW INSTALLATION OF NEW DOOR. PATCH AND REPAIR EXTERIOR FINISHES/STUCCO AND PAINT TO MATCH EXISTING
16	REMOVE AND DISCONNECT TEMPORARILY EXISTING FIRE ALARM DEVICE TO ALLOW INSTALLATION OF NEW WALL SUBSTRATE AND FINISHES. CAP-OFF AND/OR RELOCATE UTILITIES AS REQUIRED. RE-INSTALL ALL REMOVED ITEMS UPON COMPLETION OF WORK (SEE ELECTRICAL DRAWINGS)
17	REMOVE PORTION OF EXISTING MASONRY WALL ABOVE CEILING. TO ALLOW INSTALLATION OF NEW MECHANICAL DUCTWORK. (SEE MECHANICAL DWGS.) SEE NEW OPENING DETAIL 4AA-107. COORDINATE EXACT LOCATION IN FIELD

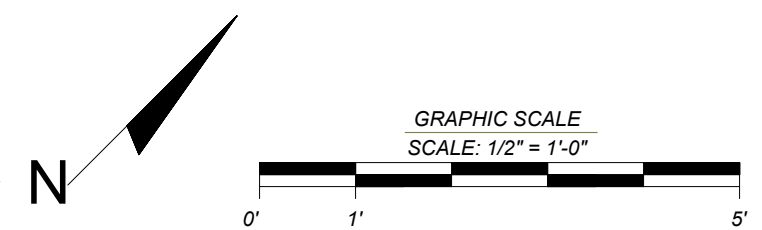
DEMOLITION GENERAL NOTES	
1.	CONTRACTOR TO REMOVE AND DEACTIVATE ALL ELECTRICAL OUTLETS IN PARTITIONS TO BE DEMOLISHED
2.	CONTRACTOR SHALL PROTECT EXISTING ADJACENT CONSTRUCTION AND OPERATIONS PRIOR TO STARTING DEMO WORK.
3.	DEMOLITION SERVICES AND TEMPORARY WORK PLANNED BY CONTRACTOR SHALL NOT IN ANY WAY INTERFERE WITH DAY-TO-DAY OPERATIONS WITHIN THE AFFECTED AND/OR ADJACENT AREAS. COORDINATE WORK WITH ALL TRADES.
4.	TEMPORARY WORK SHALL INCLUDE (BUT NOT BE LIMITED TO) THE FOLLOWING: A. TEMPORARY LIGHT AND POWER B. TEMPORARY WALLS AND / OR FLOORING C. BARRICADE PARTITIONS @ EGRESS CORRIDORS
5.	CONTRACTOR SHALL COORDINATE ALL DEMOLITION AND TEMPORARY WORK W/ OWNER AS REQUIRED. AND SHALL MAKE ARRANGEMENTS FOR REMOVAL OF DEBRIS AND HAULING FROM PREMISES WITH A MIN. OF DISTURBANCE ON A DAILY BASIS.
6.	CONTRACTOR TO PROVIDE 72 HOURS PRIOR NOTICE TO BUILDING OWNER FOR SHUTDOWNS OF ALL MEP & F.
7.	THE DRAWINGS DO NOT INTEND TO SHOW ALL OBJECTS EXISTING AT THE SITE. THE CONTRACTOR MUST VERIFY AT SITE ALL OBJECTS TO BE PRESERVED AND REPORT TO ARCHITECT IN WRITING ANY DISCREPANCIES OR QUESTIONABLE ITEMS
8.	USE ALL MEASURES NECESSARY TO PROTECT EXISTING OBJECTS DESIGNATED TO REMAIN, AND IN THE EVENT OF DAMAGE, IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENTS NECESSARY TO MEET THE APPROVAL OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST.
9.	PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL CAREFULLY INSPECT THE ENTIRE SITE OF ALL OBJECTS, UTILITIES AND STRUCTURES TO BE REMOVED AND/OR PRESERVED TO DETERMINE REQUIREMENTS FOR PROTECTION OR DISCONNECTION AND CAPPING OF WORK IN ACCORDANCE WITH REQUIREMENTS OF THE UTILITY COMPANY, OR GOVERNMENT AGENCIES INVOLVED.
10.	THE CONTRACTOR SHALL RE-ROUTE AND / OR CAP OFF ALL UNUSED UTILITIES COMING INTO THE SPACE AFTER CHECKING WITH THE ARCHITECT. ALL UTILITIES, IF NOT BEING RE-ROUTED SHALL BE CAPPED OFF AS REQUIRED BY CODE IN PARTITIONS, FLOORS AND CEILINGS. ALL ADJACENT AREAS TO REMAIN IN FULL OPERATION.
11.	CONTRACTOR SHALL NOTIFY OWNER SEVEN CALENDAR DAYS PRIOR TO COMMENCEMENT OF DEMOLITION WORK.
12.	ALL EXISTING WALL COVERINGS, LOOSE PAINT OR PLASTER TO BE REMOVED. PATCH EXIST. WALLS AS REQUIRED AND PREPARE WALLS TO RECEIVE NEW WALL TREATMENTS, PAINT ETC. AS SPECIFIED.
13.	PRIOR TO ANY DEMOLITION, THE CONTRACTOR SHALL NOTIFY THE LOCAL ENVIRONMENTAL PROTECTION DIVISION FOR DEMOLITION AND ASBESTOS REMOVAL NOTIFICATION REQUIREMENTS.
14.	CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
15.	PENETRATIONS THRU EXISTING STRUCTURAL COMPONENTS TO BE COORDINATED WITH MEP DRAWINGS PRIOR TO ANY CORING OR CUTTING THROUGH FLOOR SLAB. CONTRACTOR MUST LOCATE EXISTING UTILITIES AND/OR REINFORCING STRUCTURAL ELEMENTS.
16.	CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING STRUCTURAL COMPONENTS.
17.	ALL EGRESS ROUTES SHALL BE MAINTAINED, UNOBSTRUCTED DURING CONSTRUCTION.
18.	COORDINATE W/ MEP & STRUCTURAL FOR REQUIRED SLAB PENETRATIONS & OPENINGS.
19.	ALL CONSTRUCTION AND DEMOLITION WORK SHALL COMPLY WITH THE LATEST EDITION OF OSHA STANDARDS AND REGULATIONS.
20.	COORDINATE LOCATION OF ANY TEMPORARY PARTITIONS WITH ARCHITECT AND OWNER.

REVISIONS				ADOLFO J. COTILLA JR., AIA ARCHITECTURAL LICENSE No. AR 0008011 ACAI ASSOCIATES, INC. 2937 W. CYPRESS CREEK RD., SUITE 200 FT. LAUDERDALE, FLORIDA 33309	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - DEMOLITION PLAN	SHEET NO. DA-102
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
05/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		

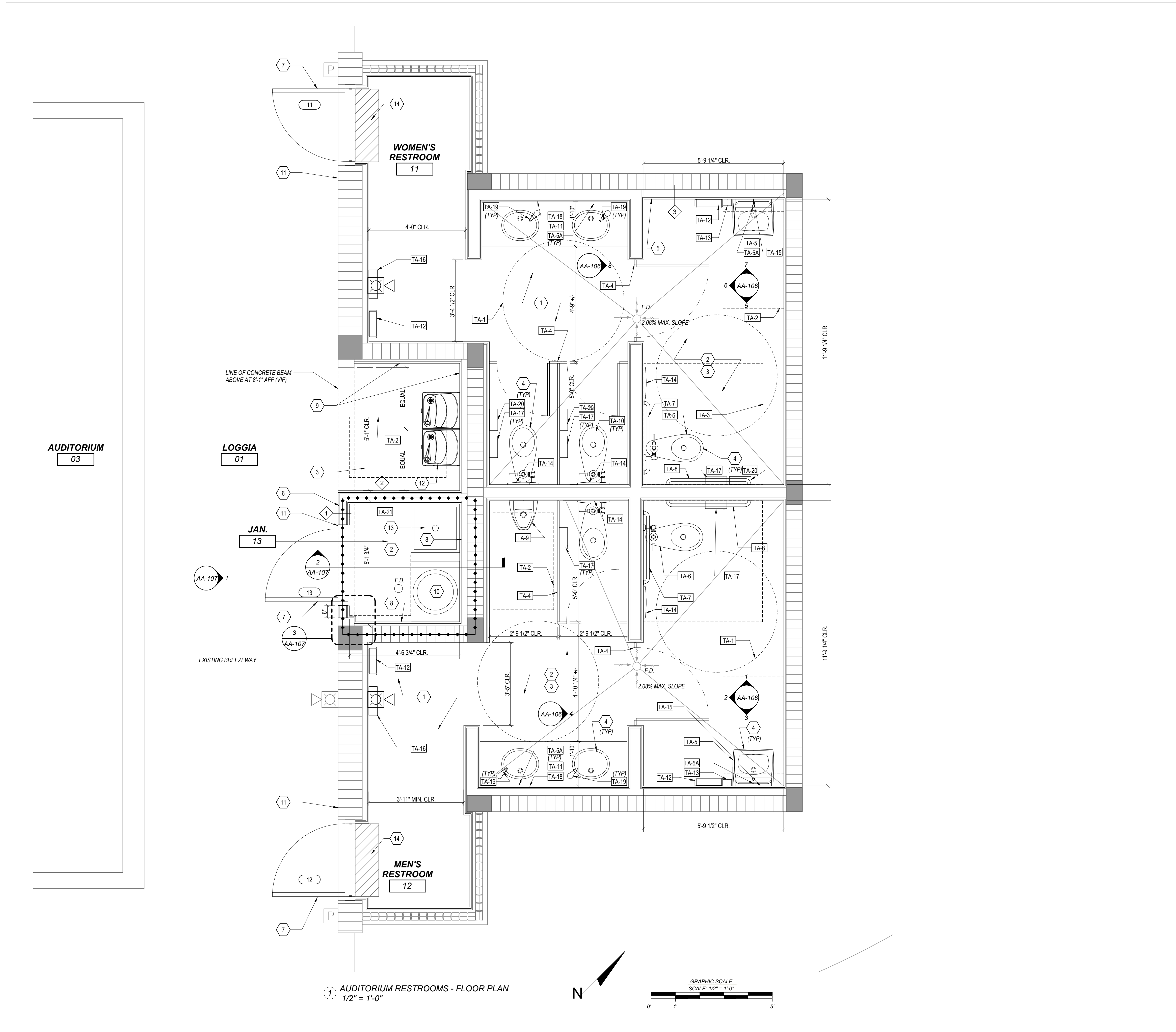


LEGEND	
	DENOTES EXISTING CONCRETE COLUMN TO REMAIN
	DENOTES EXISTING MASONRY WALL TO REMAIN
	DENOTES EXISTING PARTITION TO REMAIN
	DENOTES EXISTING GYPSUM BOARD CEILING OR STUCCO ON CONCRETE SLAB TO REMAIN (SEE RCP KEY NOTES)
	DENOTES EXISTING GYPSUM BOARD CEILING OR EXTERIOR STUCCO ON METAL FRAMING TO BE REMOVED (SEE RCP KEY NOTES)
	DENOTES EXISTING HVAC DIFFUSER TO REMAIN
	DENOTES EXISTING EXHAUST GRILLE TO REMAIN
	DENOTES EXISTING ACCESS PANEL TO REMAIN
	DENOTES EXISTING SMOKE DETECTOR TO REMAIN
	DENOTES EXISTING WALL MOUNTED EMERGENCY LIGHT TO REMAIN (REFER TO ELECTRICAL DRAWINGS)
	DENOTES EXISTING WALL MOUNTED EMERGENCY LIGHT TO BE REMOVED (REFER TO ELECTRICAL DRAWINGS)
	DENOTES EXISTING CONSTRUCTION AND COMPONENTS TO BE REMOVED. (SEE KEY DEMOLITION NOTES FOR DTL.)
DEMOLITION KEY NOTES	
①	REMOVE EXISTING SURFACE MOUNTED LIGHT FIXTURE, CONDUIT AND ALL WIRING TO IT SOURCE OR REPLACE EXISTING. REFER TO ELECTRICAL DRAWINGS. PATCH AND REPAIR EXISTING GYPSUM BOARD CEILING TO MATCH EXISTING AS REQUIRED.
②	REMOVE EXISTING EXHAUST GRILLE. RELOCATE/CAP-OFF AS REQUIRED. REFER TO MECHANICAL DRAWINGS.
③	REMOVE EXISTING GYPSUM BOARD CEILING (METAL FRAMING TO REMAIN). REMOVE TEMPORARILY ANY EXISTING HVAC, ELECTRICAL DEVICE OR ACCESS PANEL DURING CONSTRUCTION AS REQUIRED AND RE-INSTALL UPON COMPLETION OF CEILING WORK AT SAME LOCATION. RELOCATE/CAP-OFF ANY EXISTING UTILITIES AS REQUIRED.
④	REMOVE EXISTING RECESSED LIGHT FIXTURE, CONDUIT AND ALL WIRING TO IT SOURCE OR REPLACE EXISTING. REFER TO ELECTRICAL DRAWINGS.
⑤	REMOVE EXISTING ACOUSTICAL CEILING TILE AND GRID. RELOCATE/CAP-OFF ANY EXISTING UTILITIES AS REQUIRED.
⑥	REMOVE EXISTING EXTERIOR SOFFIT AND STUCCO CEILING INCLUDING METAL FRAMING. RELOCATE/CAP-OFF ANY EXISTING UTILITIES AS REQUIRED.
⑦	REMOVE EXISTING WALL MOUNTED EMERGENCY LIGHT. RELOCATE/CAP-OFF ANY EXISTING UTILITIES AS REQUIRED. (SEE ELECTRICAL DRAWINGS)
⑧	REMOVE PORTION OF EXISTING GYPSUM BOARD CEILING TO ALLOW INSTALLATION OF NEW PARTITION. PATCH AND REPAIR ADJACENT REMAINING CEILING AS REQUIRED.
⑨	REMOVE PORTION OF EXISTING MASONRY WALL ABOVE CEILING, TO ALLOW INSTALLATION OF NEW MECHANICAL DUCTWORK. (SEE MECHANICAL DWGS.) SEE NEW OPENING DETAIL 41AA-107. COORDINATE EXACT LOCATION IN FIELD

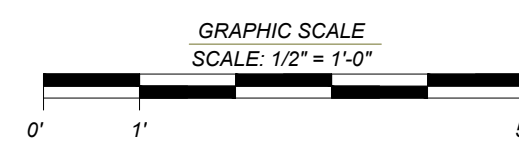
① AUDITORIUM RESTROOMS - DEMOLITION RCP
1/2" = 1'-0"



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DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
05/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		DA-103



1 AUDITORIUM RESTROOMS - FLOOR PLAN
1/2" = 1'-0"



LEGEND

- DENOTES EXISTING CONCRETE COLUMN TO REMAIN
- DENOTES EXISTING MASONRY WALL TO REMAIN
- DENOTES EXISTING PARTITION TO REMAIN
- DENOTES EXISTING GLASS BLOCK WALL TO REMAIN
- DENOTES EXISTING FIRE ALARM HORN / STROBE DEVICE TO REMAIN
- DENOTES EXISTING FIRE ALARM MANUAL PULL STATION TO REMAIN
- DENOTES NEW WALL/PARTITION (SEE KEY NOTES)
- DENOTES 1 HOUR FIRE RATED WALL/PARTITION
- DENOTES PARTITION TYPE. SEE SHEET AA-108

GENERAL NOTES

1. ALL AREAS AFFECTED BY CONSTRUCTION SHALL BE PATCHED/REPAIRED TO MATCH EXISTING OR NEW FINISHES.
2. SEAL ANY PENETRATIONS THROUGH EXISTING FIRE RATED PARTITIONS WITH CONTINUOUS FIRE CAULKING.
3. DOOR FRAMES SHALL BE LOCATED 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
4. PROVIDE 1'-6" MIN CLEAR ON PULL SIDE OF ALL DOORS. FOR DOORS WITH CLOSERS, PROVIDE 1'-0" MIN ON THE PUSH SIDE. TYPICAL FOR ALL DOORS.
5. ALL DIMENSIONS ARE TO THE FACE OF STUD, UNLESS OTHERWISE NOTED.
6. FIELD VERIFY ALL DIMENSIONS.
7. CONTRACTOR SHALL COORDINATE REQUIREMENTS OF EQUIPMENT OR ANY OTHER ITEM PROVIDED BY OWNER. COORDINATE LOCATION OF ASSOCIATED MEP WITH CUT-SHEETS.
8. COORDINATE ALL FLOOR OPENINGS AND PENETRATIONS WITH EXISTING STRUCTURE. PROVIDE 1HR FIRE RATED FIRESTOPPING UL SYSTEM AS REQUIRED.
9. PRIOR TO ERECTING PARTITIONS, THE GENERAL CONTRACTOR MUST VERIFY WITH THE VENDOR/SUPPLIER/ FABRICATOR OF MILLWORK/CASEWORK WHERE BLOCKING WILL BE REQUIRED AND MUST SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL BEFORE COMMENCEMENT OF PARTITIONS AND MILLWORK/CASEWORK CONSTRUCTION.
10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING STEEL BACKING AS REQUIRED FOR PLUMBING FIXTURES, WALL HUNG CABINETS, COUNTERTOPS, EQUIPMENT, ACCESSORIES, ETC. TO ENSURE ADEQUATE SUPPORT.
11. CONTRACTOR SHALL SUPPLY ACCESS PANELS AS REQUIRED BY PLUMBING, AIR CONDITIONING AND OTHER TRADES, AND AS REQUIRED BY CODE. LOCATIONS AND TYPE OF PANEL TO BE REVIEWED AND APPROVED BY ARCHITECT.
12. ALL NEW WALLS ARE TO BE TAPED AND SPACKLED AND ARE TO APPEAR HOMOGENEOUS WITH EXISTING CONSTRUCTION WHEN COMPLETED.
13. CONTRACTOR SHALL COORDINATE REQUIREMENTS OF SECURITY DEVICES, CARD READERS, SECURITY CAMERAS, DOOR HARDWARE, ETC. WITH OWNER'S REPRESENTATIVE.
14. CONTRACTOR TO COORDINATE AND VERIFY ALL EQUIPMENT AND ACCESSORIES REQUIREMENTS AND LOCATIONS WITH OWNER'S REPRESENTATIVE PRIOR TO COMMENCING UTILITIES ROUGH-IN.
15. CONTRACTOR TO COORDINATE ON-SITE RECEIPT AND STORAGE OF OWNER FURNISHED EQUIPMENT AND FURNISHINGS WITH OWNER'S REPRESENTATIVE AND ARCHITECT.
16. EQUIPMENT AND ACCESSORIES SHOWN ON DRAWINGS WERE USED AS BASIS OF DESIGN FOR THE CONSTRUCTION DOCUMENTS. FINAL SELECTION OF EQUIPMENT WILL BE MADE BY OWNER. CONTRACTOR TO COORDINATE FINAL EQUIPMENT SELECTION AND UTILITY REQUIREMENTS WITH OWNER AND ARCHITECT.

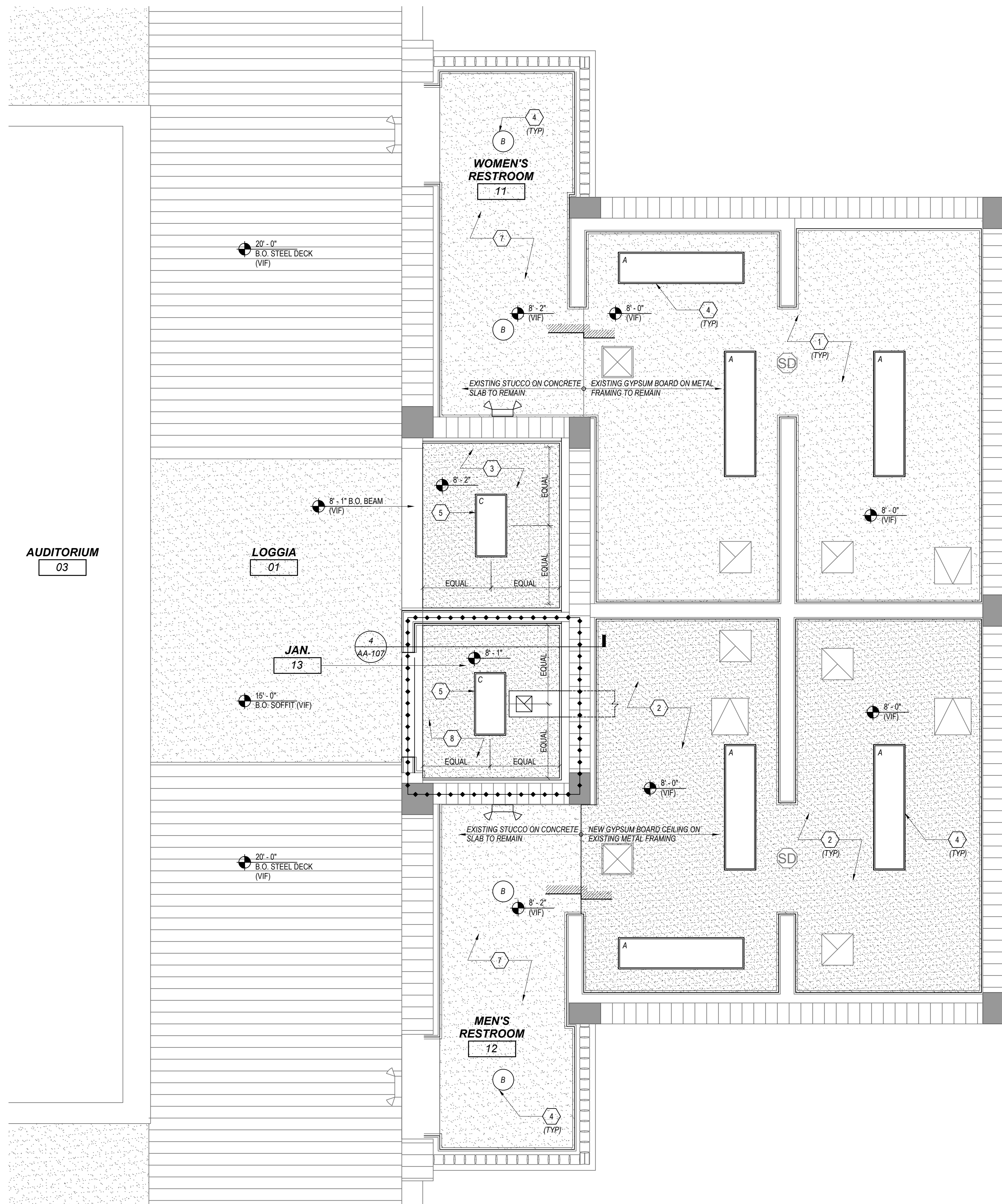
FLOOR PLAN KEY NOTES

1. PROVIDE NEW WALL TILE TO 5'-0" AFF AND WALL BASE ON NEW 5/8" TILE BACKER BOARD AND PROVIDE BACKING FOR WALL MOUNTED ITEMS/ACCESSORIES/FIXTURES AND BLOCKING FOR NEW TOILET PARTITIONS.
2. PROVIDE NEW CONCRETE SLAB ON GRADE WHERE TRENCHING AREA IS REQUIRED AND NEW FLOOR FINISH IN ENTIRE ROOM AS SCHEDULED.
3. PROVIDE NEW FLOOR FINISH IN ENTIRE ROOM/SPACE AS SCHEDULED. FLOOR SUBSTRATE TO BE LEVELLED AS REQUIRED (2.08% MAX. SLOPE).
4. NEW PLUMBING FIXTURES AND ACCESSORIES. PLUMBING FIXT. TO BE INSTALLED IN KIND IN THE EXACT SAME CONFIGURATION EXCEPT AT ADA STALL OR WHERE NOTED IN PLAN.
5. PROVIDE NEW PARTITION. SEE PARTITION TYPES.
6. PROVIDE NEW EXTERIOR WALL WITH STUCCO FINISH TO MATCH EXISTING. PAINT AND WALL TILE FINISH ON INTERIOR SIDE AS SCHEDULED. STUCCO FINISH TO ALIGN WITH EXISTING ADJACENT WALL. SEE PARTITION TYPES AND SECTION FOR MORE INFORMATION.
7. PROVIDE NEW IMPACT RATED STEEL DOOR TO COMPLY WITH REQUIREMENTS FOR HIGH WIND PRESSURES AND IMPACT RESISTANCE. SEE DOOR SCHEDULE FOR MORE INFORMATION. FIELD VERIFY EXISTING STRUCTURE AND OPENING SIZE. PATCH AND REPAIR EXISTING EXTERIOR FINISH TO MATCH EXISTING.
8. PROVIDE NEW WALL TILE (5'-0" H) AND WALL BASE ON NEW 5/8" TILE BACKER BOARD ON EXISTING FRAMING AND PROVIDE BACKING FOR WALL MOUNTED ITEMS/ACCESSORIES/FIXTURES. PAINT ALL WALLS ABOVE WALL TILE AND ENTIRE CEILING AS SCHEDULED.
9. PROVIDE NEW STUCCO FINISH ON METAL LATH AND WATER RESISTIVE BARRIER (TYVEK WRAP OR APPROVED EQUAL) ON EXTERIOR 6" FIBERGLASS MAT GYPSUM SHEATHING ON EXISTING STEEL FRAMING. CONTRACTOR TO VERIFY EXISTING CONDITIONS OF STEEL FRAMING. REPLACE FRAMING AS REQUIRED IN ACCORDANCE WITH SHEATHING MANUFACTURER'S REQUIREMENTS.
10. PROVIDE NEW ELECTRIC WATER HEATER AND GALVANIZED STEEL PAN ON HOUSEKEEPING PAD (SEE PLUMBING DRAWINGS).
11. PROVIDE NEW EXTERIOR SIGNAGE TO MATCH BUILDING STANDARD AND TO COMPLY WITH FBC AND FDOT STANDARDS. SEE SHEET AA-004 FOR MOUNTING AND LOCATION DETAILS.
12. PROVIDE NEW H/L/O WALL MOUNTED DRINKING FOUNTAIN WITH COOLING SYSTEM (SEE PLUMBING DRAWINGS).
13. PROVIDE NEW FLOOR MOUNTED MOP SINK (SEE PLUMBING DRAWINGS).
14. AT DOORS, GRIND DOWN PORTION OF EXISTING CONCRETE SLAB (EXTENT AS REQUIRED) TO ENSURE NEW FLOOR FINISH WILL BE LEVEL WITH THE ADJACENT BREEZEWAY FLOOR. RESULTING SLOPE INTO THE BATHROOM SHALL NOT EXCEED 2.08%.

RESTROOM KEY NOTES

- TA-1 60" CLR. ADA TURNING SPACE
 - TA-2 30" x48" CLEAR ADA FLOOR SPACE
 - TA-3 59"x60" CLEAR ADA FLOOR SPACE AT FLOOR MOUNTED WATER CLOSET
 - TA-4 NEW OVERHEAD BRACED COLOR-THRU PHENOLIC TOILET PARTITION - ASI; COLOR #3450C GRAY MIST. 3' DOORS TO ADA STALLS. OTHER DOORS AS REQ'D. PROVIDE ALTERNATE FOR NO-SIGHT PRIVACY STRIPS
 - TA-5 NEW WALL MOUNTED ADA SINK (SEE PLUMBING DRAWINGS)
 - TA-5A NEW ADA INSULATED PIPE COVER (SEE PLUMBING DRAWINGS)
 - TA-6 NEW ADA FLOOR MOUNTED WATER CLOSET (SEE PLUMBING DRAWINGS)
 - TA-7 NEW 36" HORIZONTAL GRAB BAR W/ CONCEALED FLANGES - BOBRICK B-6806
 - TA-8 NEW 42" HORIZONTAL GRAB BAR W/ CONCEALED FLANGES - BOBRICK B-6806
 - TA-9 NEW URINAL (MIN. 15" CLR. FROM SIDE WALL)
 - TA-10 NEW WATER CLOSET (MIN. 15" CLR. FROM SIDE WALL)
 - TA-11 NEW SOLID SURFACE COUNTERTOP (SEE FINISH SCHEDULE) AND UNDERMOUNTED SINKS (SEE PLUMBING DWGS.)
 - TA-12 NEW ELECTRIC SURFACE MOUNTED HAND DRYER - BOBRICK B-7128
 - TA-13 NEW SURFACE MOUNTED SOAP DISPENSER - BOBRICK B-2111
 - TA-14 NEW SURFACE MOUNTED SEAT COVER DISPENSER - BOBRICK B-221
 - TA-15 NEW 18"x30" ADA TILT MIRROR - BOBRICK B-293 1830
 - TA-16 NEW SURFACE MOUNTED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE - BOBRICK B-3699
 - TA-17 NEW DOUBLE-ROLL TOILET TISSUE DISPENSER - BOBRICK B-2740
 - TA-18 NEW 73"x36" CHANNEL FRAMED MIRROR (VERIFY IN FIELD AVAILABLE WIDTH) - BOBRICK B-290 7336
 - TA-19 NEW COUNTER MOUNTED MANUAL SOAP DISPENSER - BOBRICK B-8221
 - TA-20 NEW SURFACE MOUNTED SANITARY NAPKIN DISPOSAL - BOBRICK B-254
 - TA-21 NEW UTILITY SHELF WITH MOP/BROOM HOLDERS AND RAG HOOKS - BOBRICK B-239
- NOTES:
1. THE FOLLOWING MANUFACTURERS ARE ACCEPTED AS ALTERNATES TO THOSE LISTED ABOVE. PROPOSED ALTERNATE EQUIPMENT/ACCESSORIES SHALL BE SIMILAR IN STYLE, SIZE, MATERIAL AND QUALITY AS DETERMINED BY THE A.E.:
-BRADLEY
-ASI (AMERICAN SPECIALTIES, INC.)
-BOBRICK (FOR TOILET PARTITIONS)
-SCRANTON PRODUCTS (FOR TOILET PARTITIONS)
2. REFER TO SHEET AA-004 FOR TYPICAL MOUNTING HEIGHTS, LOCATIONS AND ADA CLEARANCES

REVISIONS		REVISIONS		ADOLFO J. COTILLA JR., AIA ARCHITECTURAL LICENSE No. AR 0008011 ACAI ASSOCIATES, INC. 2937 W. CYPRESS CREEK RD., SUITE 200 FT. LAUDERDALE, FLORIDA 33309	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - FLOOR PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
05/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		AA-104



LEGEND

	DENOTES EXISTING CONCRETE COLUMN TO REMAIN
	DENOTES EXISTING MASONRY WALL TO REMAIN
	DENOTES EXISTING PARTITION TO REMAIN
	DENOTES EXISTING GYPSUM BOARD CEILING OR STUCCO ON CONCRETE SLAB (SEE RCP)
	DENOTES EXISTING HVAC DIFFUSER TO REMAIN
	DENOTES EXISTING EXHAUST GRILLE TO REMAIN
	DENOTES EXISTING ACCESS PANEL TO REMAIN
	DENOTES EXISTING SMOKE DETECTOR TO REMAIN
	DENOTES EXISTING WALL MOUNTED EMERGENCY LIGHT TO REMAIN (REFER TO ELECTRICAL DRAWINGS)
	DENOTES NEW OR EXISTING RELOCATED WALL MOUNTED EMERGENCY LIGHT (REFER TO ELECTRICAL DRAWINGS)
	DENOTES NEW GYPSUM BOARD CEILING OR NEW STUCCO ON CONCRETE SLAB (SEE RCP AND KEY NOTES)
	DENOTES NEW EXHAUST GRILLE (REFER TO MECHANICAL DRAWINGS)
	DENOTES NEW WALL/PARTITION (SEE KEY NOTES)

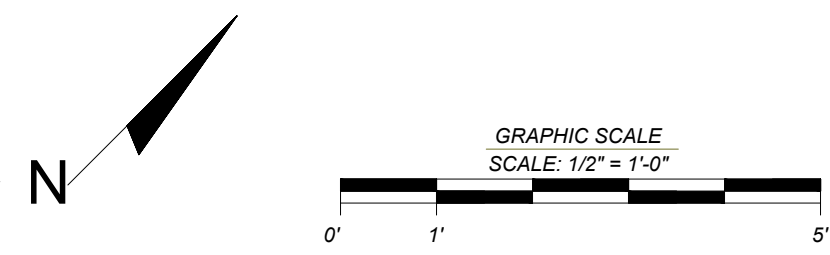
RCP KEY NOTES

①	EXISTING GYPSUM BOARD CEILING ON STEEL FRAMING TO REMAIN. PATCH AND REPAIR AS REQUIRED AND PAINT AS SCHEDULED. REPLACE ANY DAMAGED, DETERIORATED OR ANY CEILING PANEL WITH MOLD/MOISTURE AS REQUIRED.
②	NEW MOISTURE AND MOLD RESISTANT 5/8" GYPSUM BOARD CEILING ON NEW 3-5/8" 20GA STEEL FRAMING AT 16" O.C. MAX. PAINTED AS SCHEDULED. PROVIDE NEW STEEL FRAMING AT URINAL AREA AND AT JANITOR'S CLOSET.
③	NEW EXTERIOR CEILING: 1/2" TYPE DGG EXTERIOR FIBERGLASS MAT GYPSUM SHEATING (DENSGLASS FIREGUARD OR APPROVED EQUAL) ON 16 GA 3-5/8" (362S200-54) METAL STUDS AT 12" O.C. MAX. WITH STUCCO FINISH ON METAL LATH AND WATER RESISTIVE BARRIER (TYVEK WRAP OR APPROVED EQUAL).
④	NEW SURFACE MOUNTED LED LIGHT FIXTURE TO BE MOUNTED AT SAME LOCATION OF EXISTING REMOVED AND REPLACED LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
⑤	NEW SURFACE MOUNTED EXTERIOR LED LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
⑥	NEW EXPOSED MECHANICAL DUCTWORK BELOW CEILING. SEE MECHANICAL DRAWINGS. COORDINATE CEILING HEIGHT AS REQUIRED WITH NEW DUCTWORK AND EXISTING CONDITIONS.
⑦	EXISTING STUCCO FINISH ON CONCRETE SLAB TO REMAIN. PATCH AND REPAIR AS REQUIRED AND PAINT AS SCHEDULED.
⑧	NEW 1-HR FIRE RATED HORIZONTAL SHAFT TO ALIGN WITH EXISTING BEAM. SEE TYPICAL DETAIL 4AA-107

RCP GENERAL NOTES

- BUILDING SYSTEMS, FIXTURES, AND DEVICES SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS SUCH AS LIGHT FIXTURES, AIR DIFFUSERS, EXHAUST AND RETURN GRILLES ARE SHOWN TO DENOTE LOCATION AND LAYOUT PATTERN WHERE PLACEMENT IS CRITICAL. THE ARCHITECTURAL DRAWINGS DO NOT REPRESENT COMPLETE SYSTEMS THAT ARE SHOWN ON OTHER DRAWINGS.
- REFER TO MECHANICAL DRAWINGS FOR TYPES AND SIZES OF SUPPLY AND RETURN/EXHAUST GRILLES.
- LIGHT FIXTURES, ALARM DEVICES, AND EXIT SIGNS MAY BE SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLANS FOR LAYOUT CLARITY ONLY. SEE ELECTRICAL DRAWINGS FOR TOTAL QUANTITIES AND OTHER REQUIREMENTS.
- REFER TO ELECTRICAL DRAWINGS FOR LIGHTING SCHEDULE AND LIGHTING FIXTURES NOT SHOWN ON ARCHITECTURAL DRAWINGS.
- WHERE AN ITEM IS MOUNTED ON THE CEILING, IT SHALL BE CENTERED ON THE ELEMENT (CEILING TILE, GYPSUM BOARD BAND, ETC) IN WHICH IT IS PLACED, UNLESS INDICATED OTHERWISE.
- CEILING HEIGHTS ARE BASED ON DIMENSION ABOVE FINISH FLOOR. (TYPICAL)
- CONTRACTOR WILL BE RESPONSIBLE TO NOTIFY ARCHITECT IMMEDIATELY FOR ANY CONFLICTS WITHIN REFLECTED CEILING PLAN PRIOR TO INSTALLATION.
- CONTRACTOR TO VERIFY HEIGHT OF EXISTING STRUCTURE AND COORDINATE CEILING HEIGHTS WITH LIGHT FIXTURES, NEW DUCTWALLPIPING, ETC.
- CONTRACTOR TO SUBMIT SHOP DRAWINGS AND PHOTOMETRIC STUDY FOR EACH ROOM OF LIGHT FIXTURE PRIOR TO ORDER AND INSTALLATION.
- CONTRACTOR TO VERIFY HEIGHT OF EXISTING STRUCTURE PRIOR TO ORDER AND INSTALLATION OF NEW LIGHT FIXTURES AND CEILING DEVICES.
- REFER TO FINISH SCHEDULE FOR CEILING FINISH SPECS.

① AUDITORIUM RESTROOMS - RCP
1/2" = 1'-0"

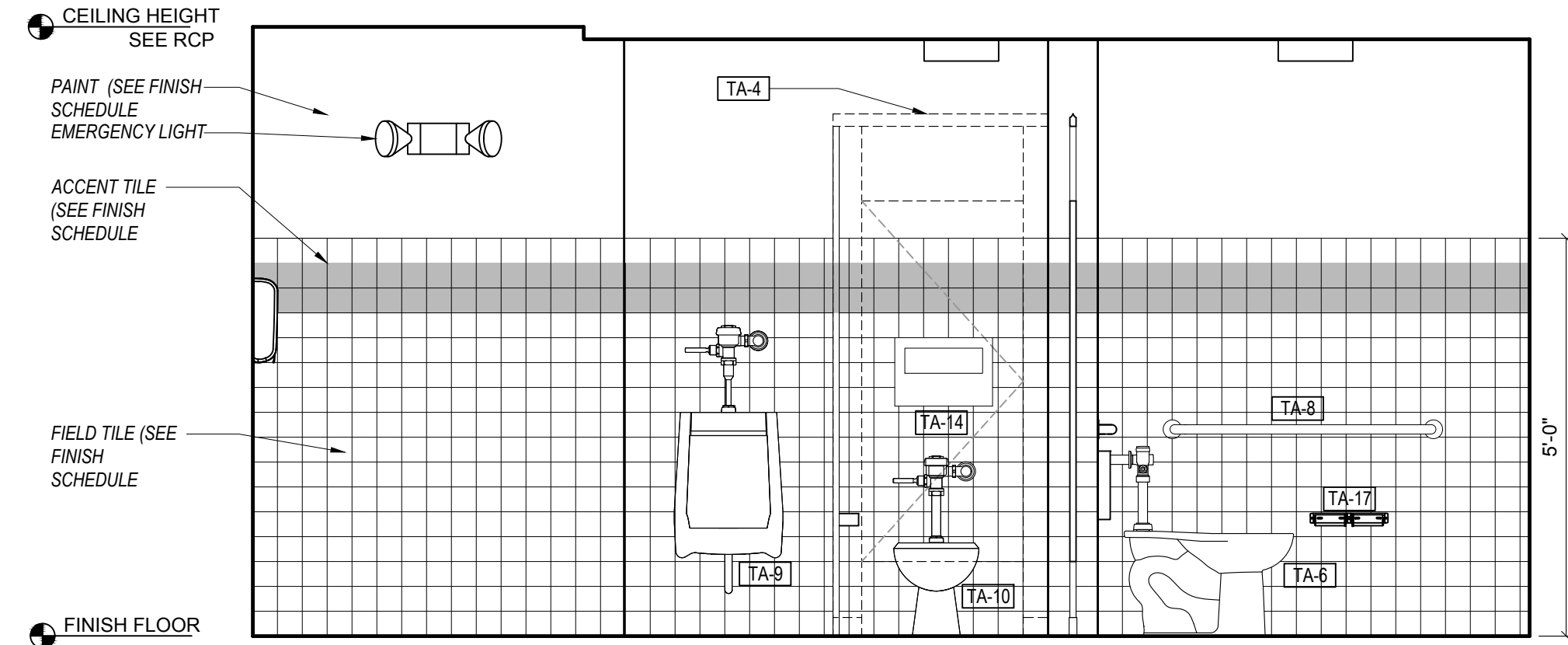


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
05/31/2019	100% CONSTRUCTION DOCUMENTS		

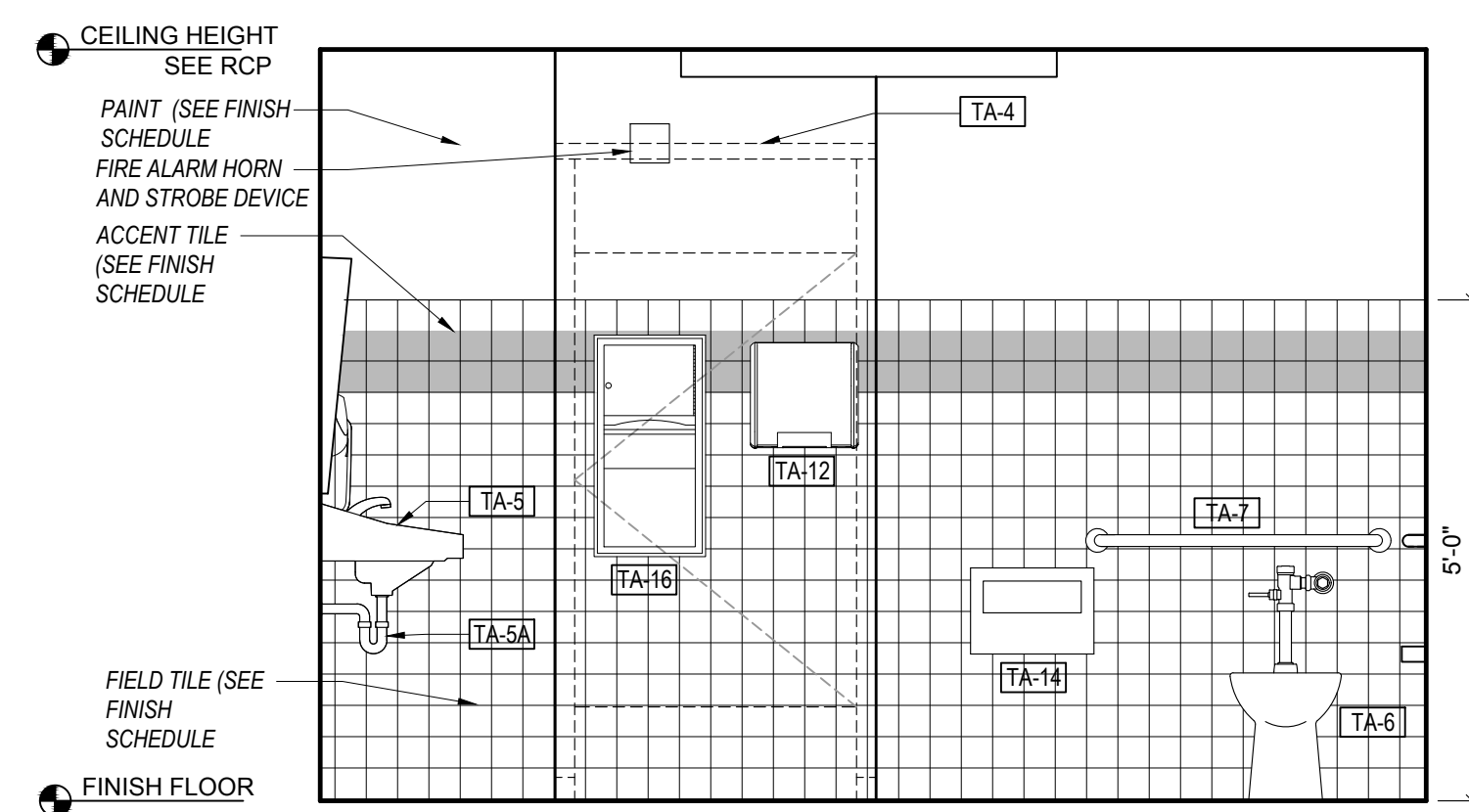
ADOLFO J. COTILLA JR., AIA
 ARCHITECTURAL LICENSE No. AR 0008011
 ACAI ASSOCIATES, INC.
 2937 W. CYPRESS CREEK RD., SUITE 200
 FT. LAUDERDALE, FLORIDA 33309

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ADDRESS	COUNTY	FINANCIAL PROJECT ID
1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01

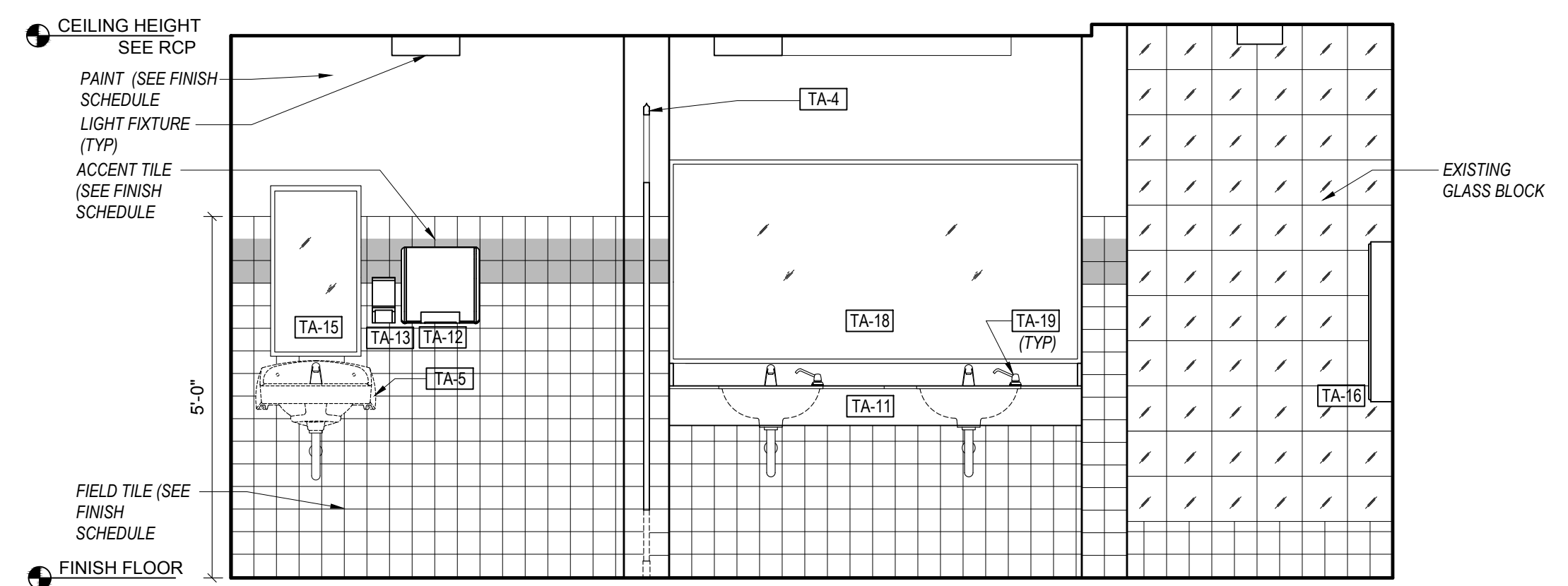
AUDITORIUM RESTROOMS - REFLECTED CEILING PLAN	SHEET NO. AA-105
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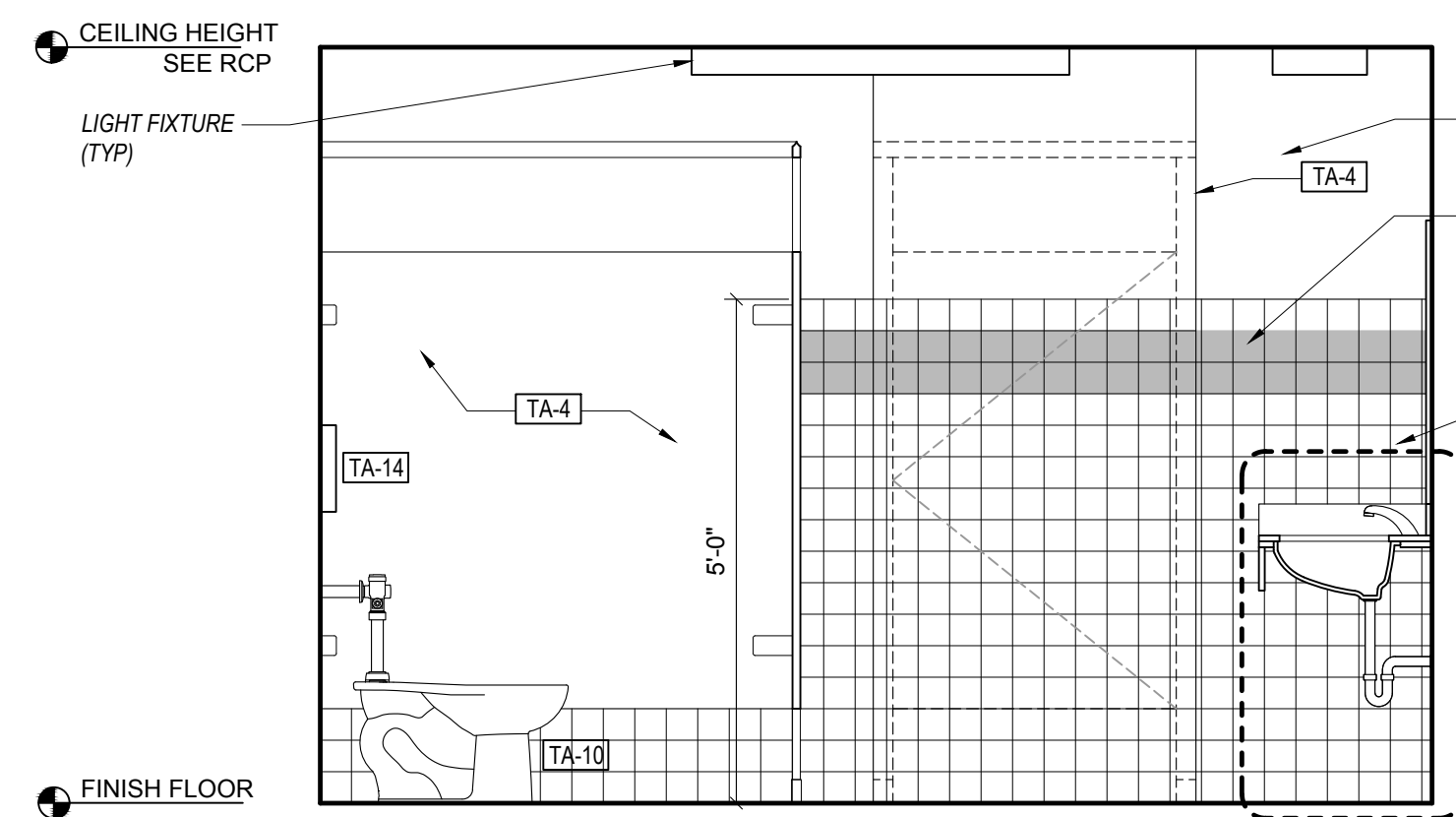
1 INTERIOR ELEVATION - MEN'S RR
1/2" = 1'-0"



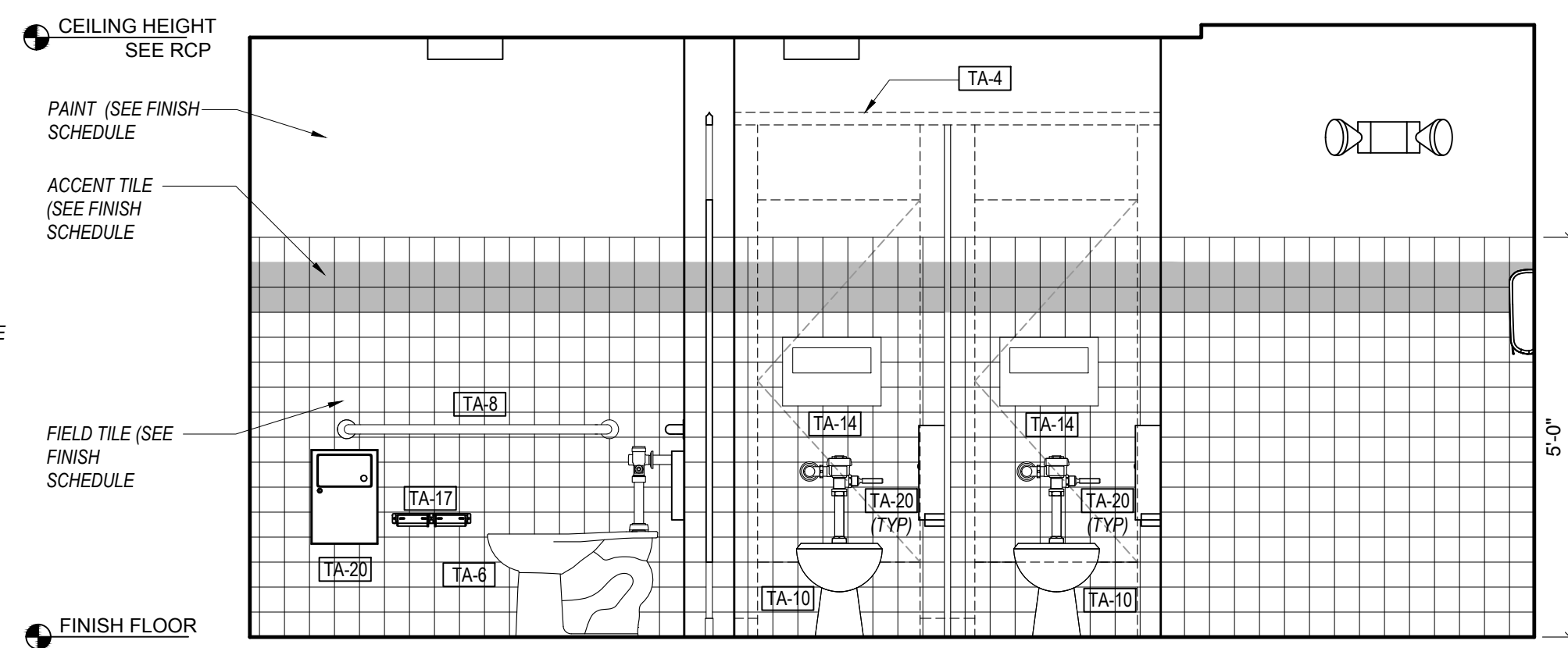
2 INTERIOR ELEVATION - MEN'S RR
1/2" = 1'-0"



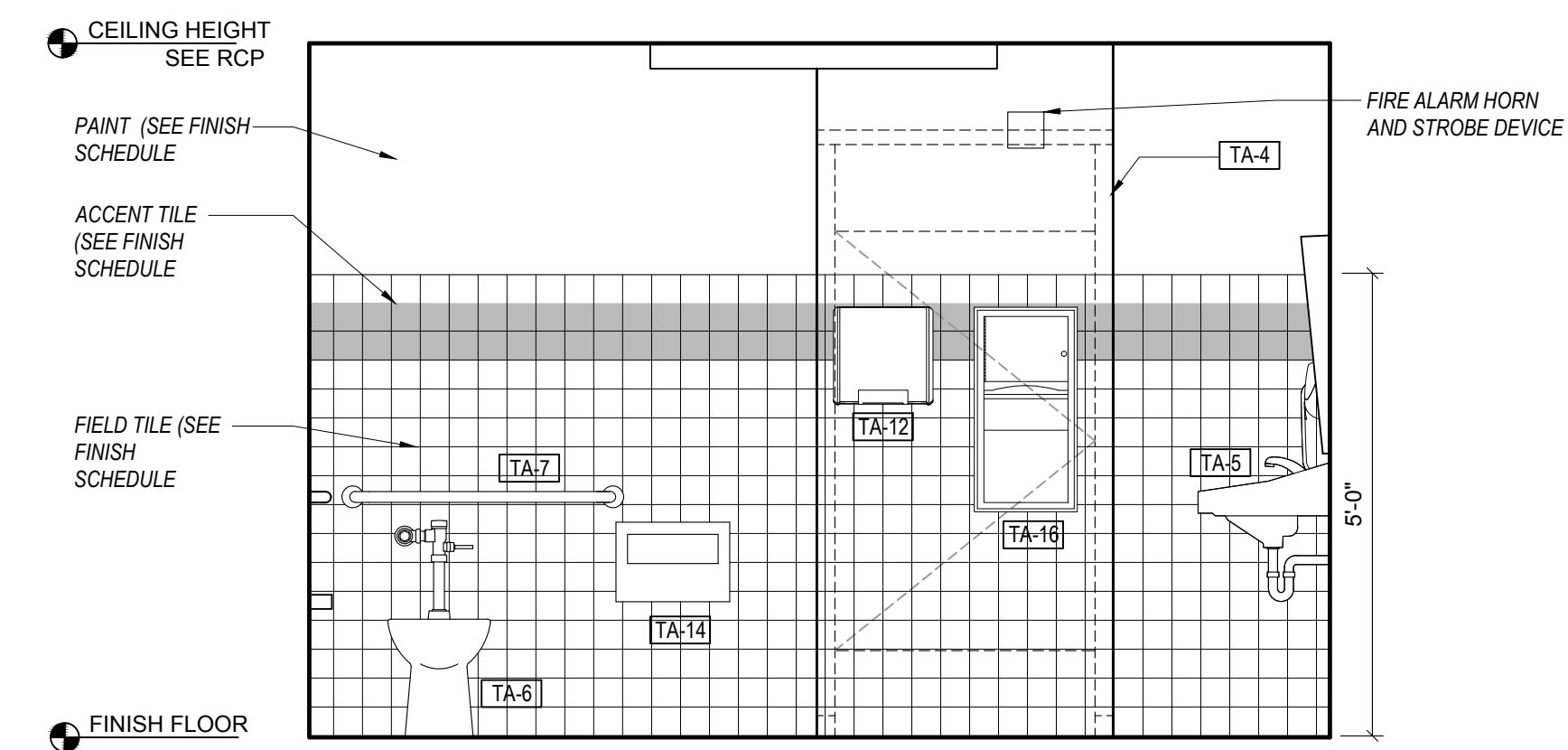
3 INTERIOR ELEVATION - MEN'S RR
1/2" = 1'-0"



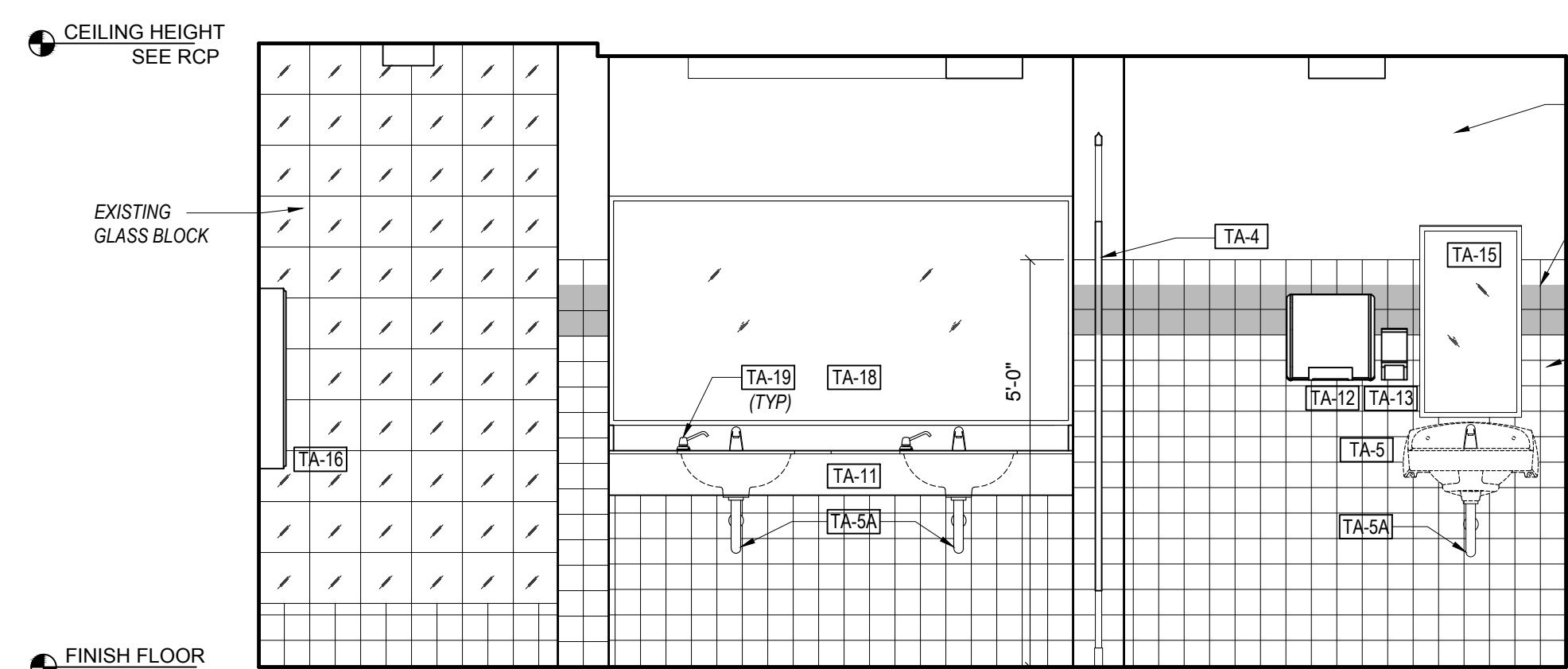
4 INTERIOR ELEVATION - MEN'S RR
1/2" = 1'-0"



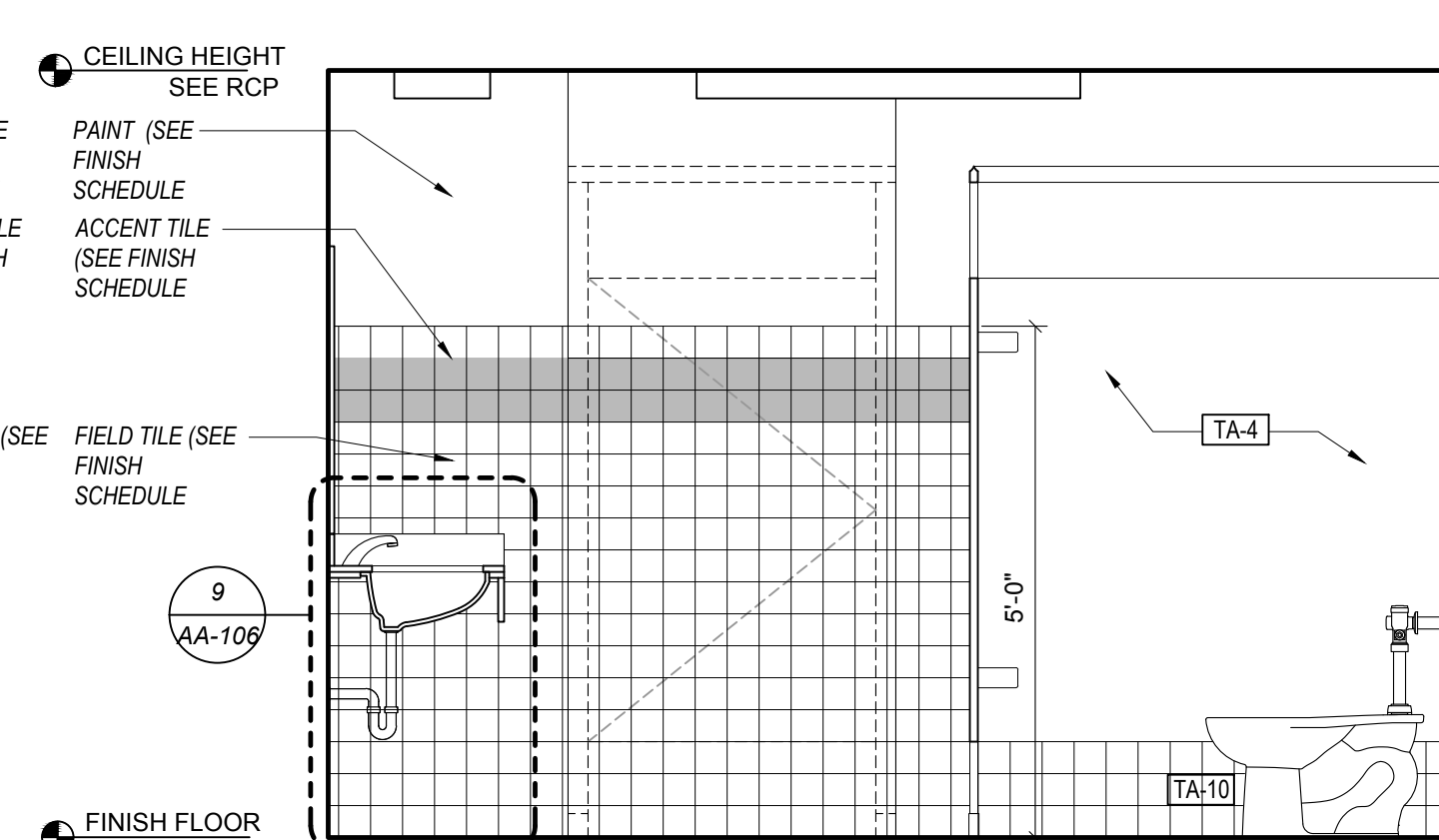
5 INTERIOR ELEVATION - WOMEN'S RR
1/2" = 1'-0"



6 INTERIOR ELEVATION - WOMEN'S RR
1/2" = 1'-0"

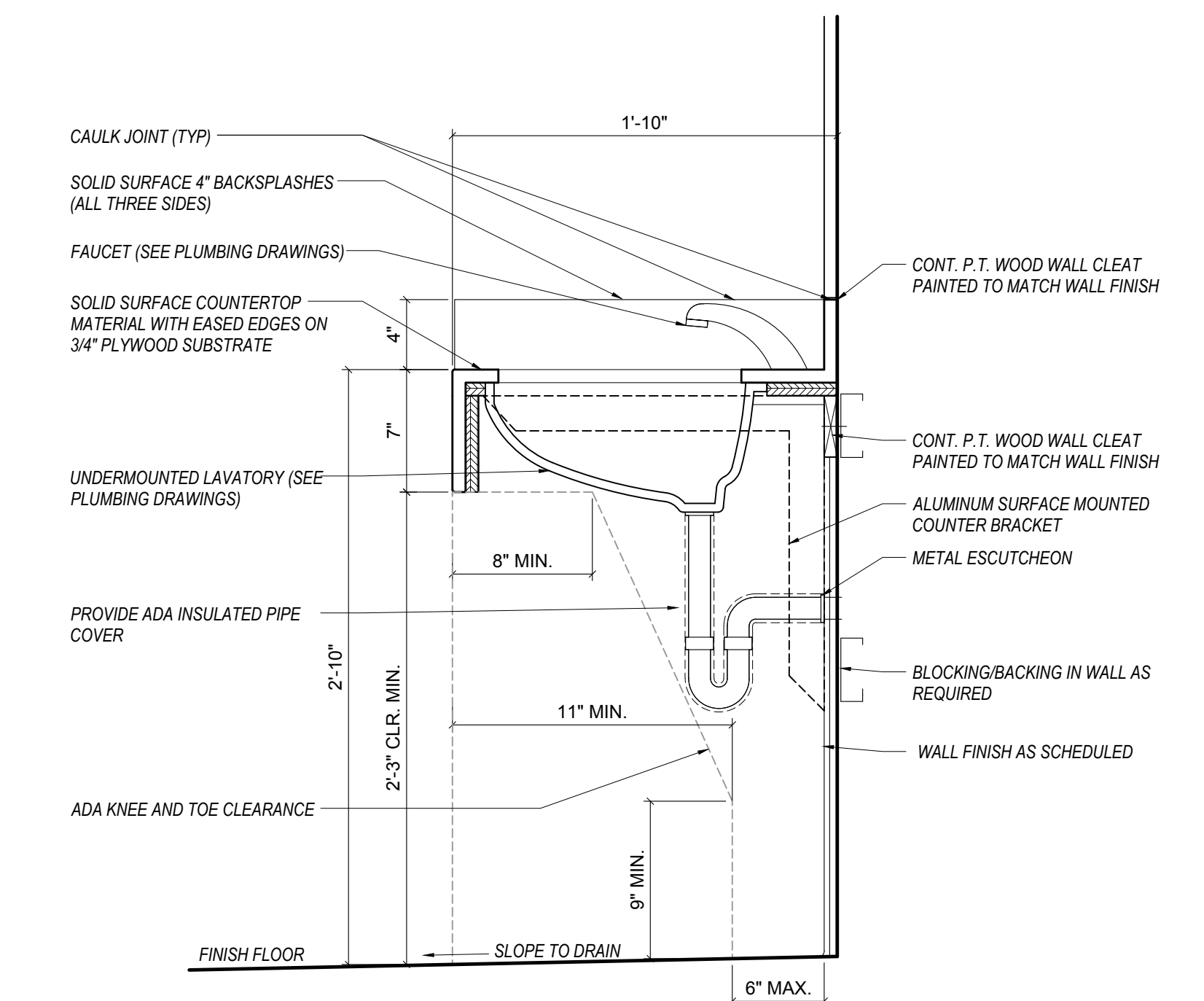


7 INTERIOR ELEVATION - WOMEN'S RR
1/2" = 1'-0"



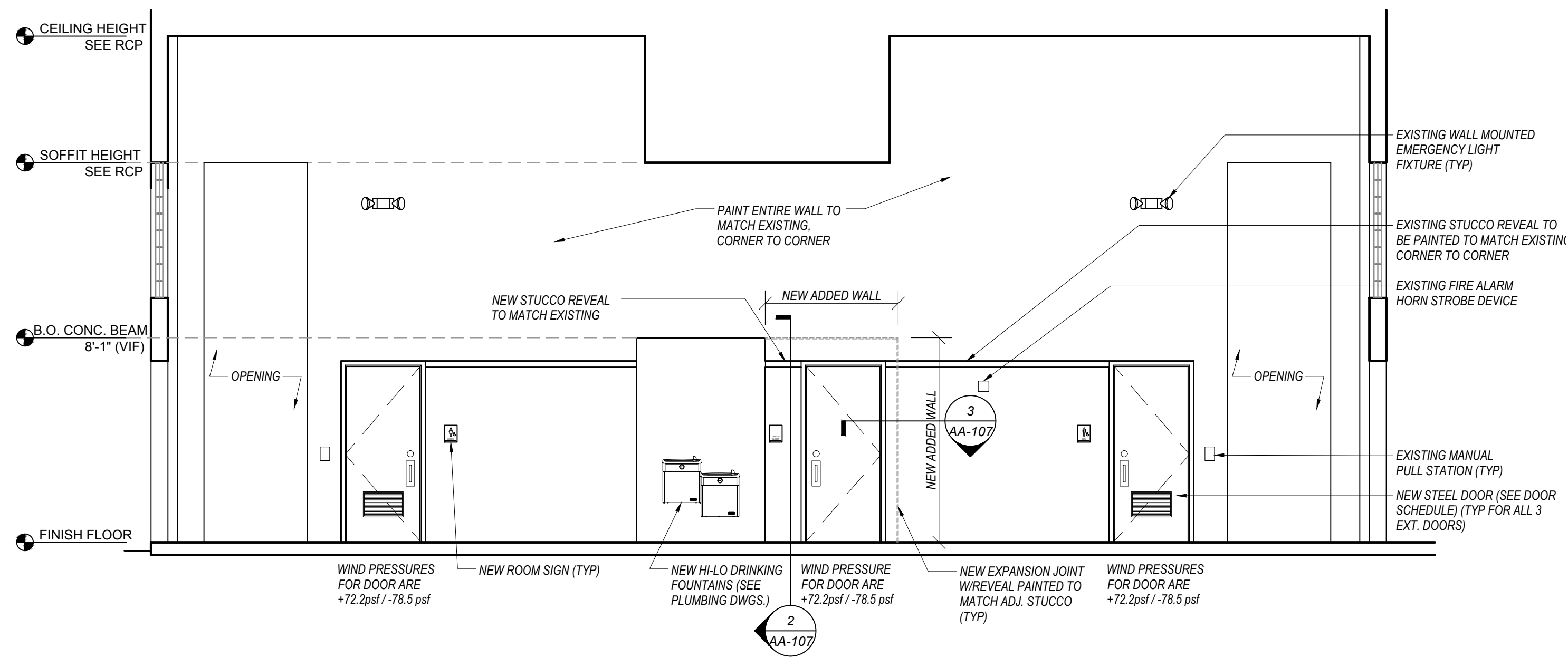
8 INTERIOR ELEVATION - WOMEN'S RR
1/2" = 1'-0"

NOTES:
1. REFER TO SHEET AA-103 FOR ACCESSORIES, EQUIPMENT AND FIXTURES LIST AND TAG
2. REFER TO SHEET AA-004 FOR TYPICAL MOUNTING HEIGHTS, LOCATIONS AND ADA CLEARANCES

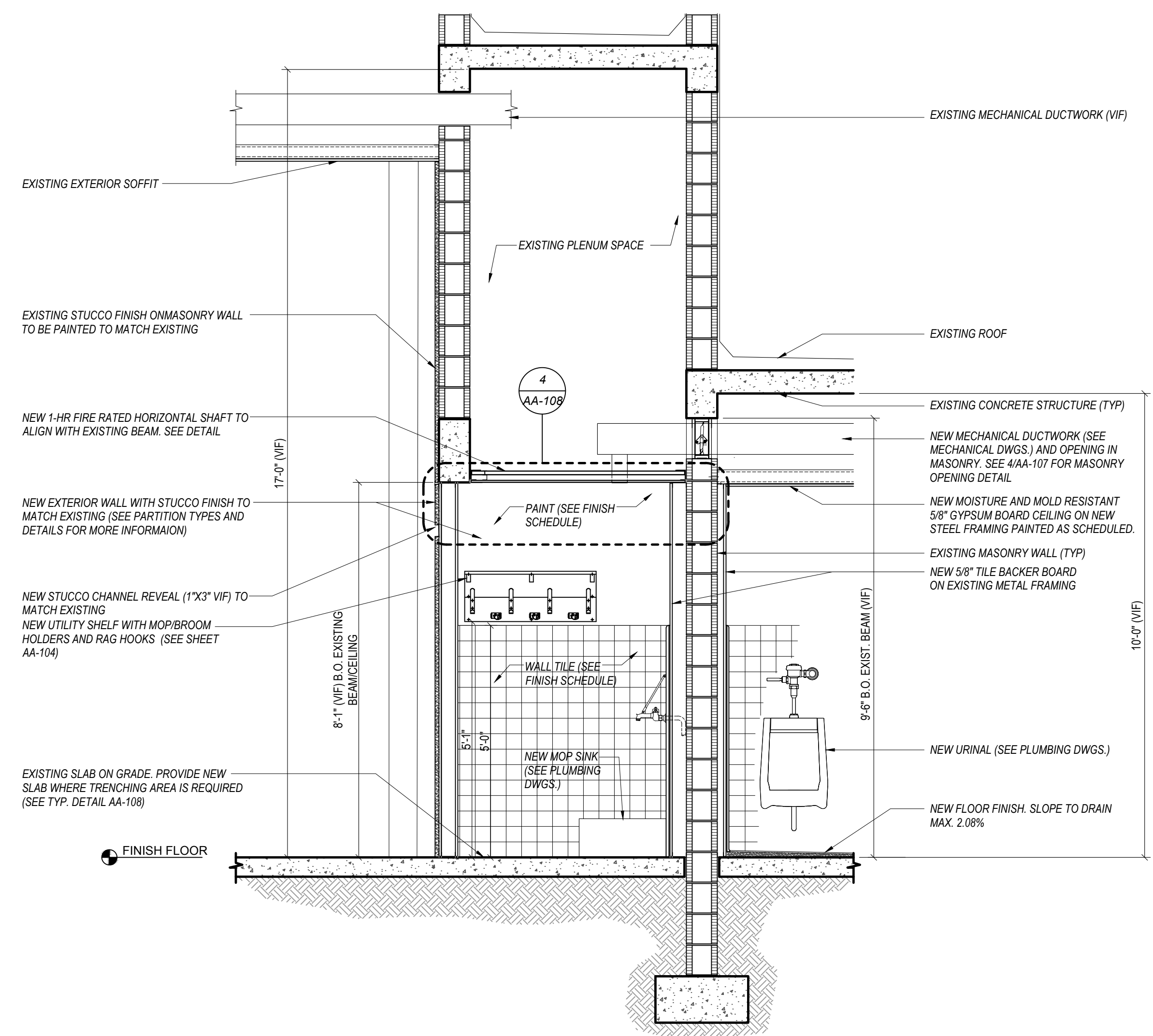


9 VANITY COUNTER SECTION
1 1/2" = 1'-0"

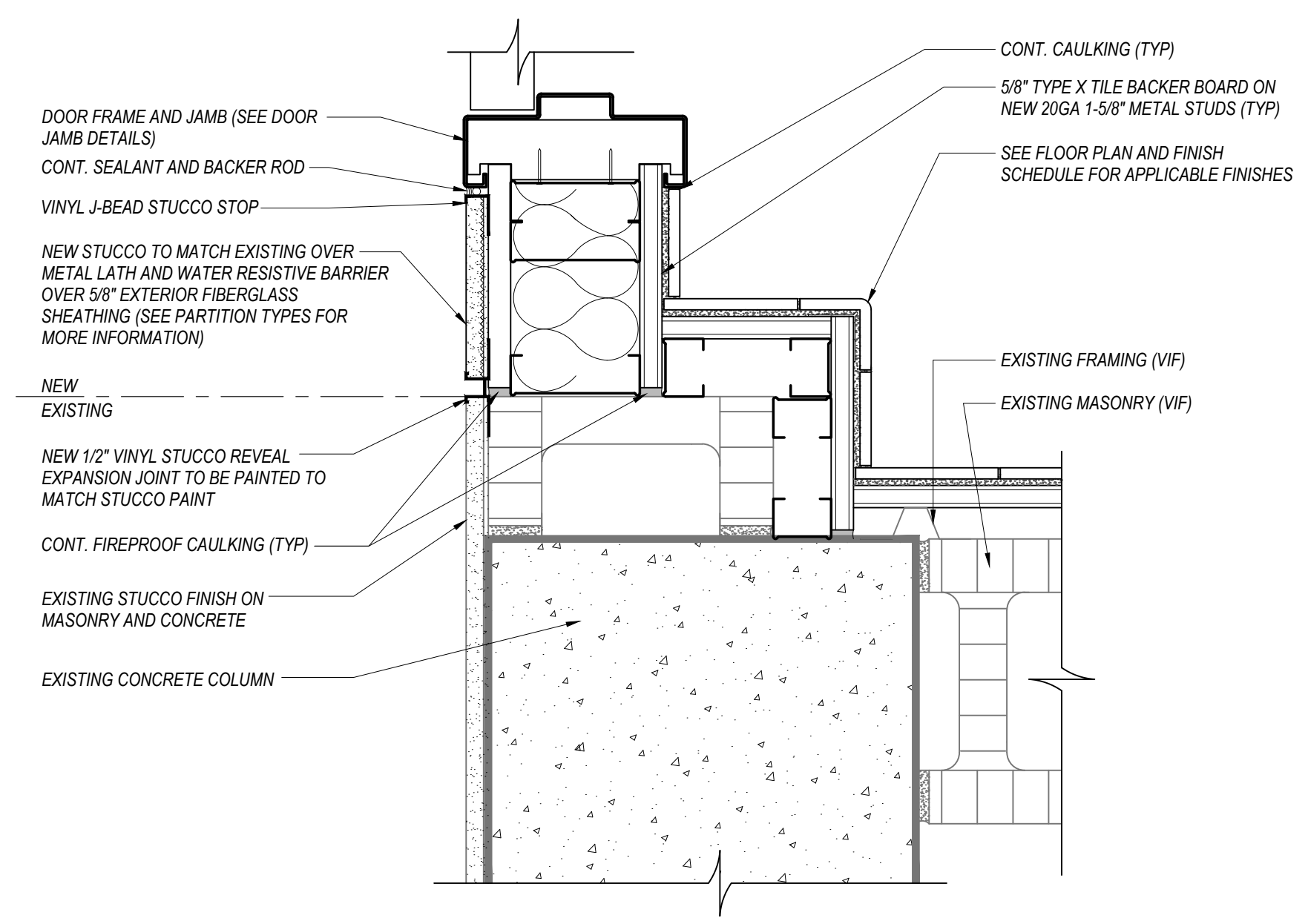
REVISIONS				ADOLFO J. COTILLA JR., AIA ARCHITECTURAL LICENSE No. AR 0008011 ACAI ASSOCIATES, INC. 2937 W. CYPRESS CREEK RD., SUITE 200 FT. LAUDERDALE, FLORIDA 33309	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - INTERIOR ELEVATIONS	SHEET NO. AA-106
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
05/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		



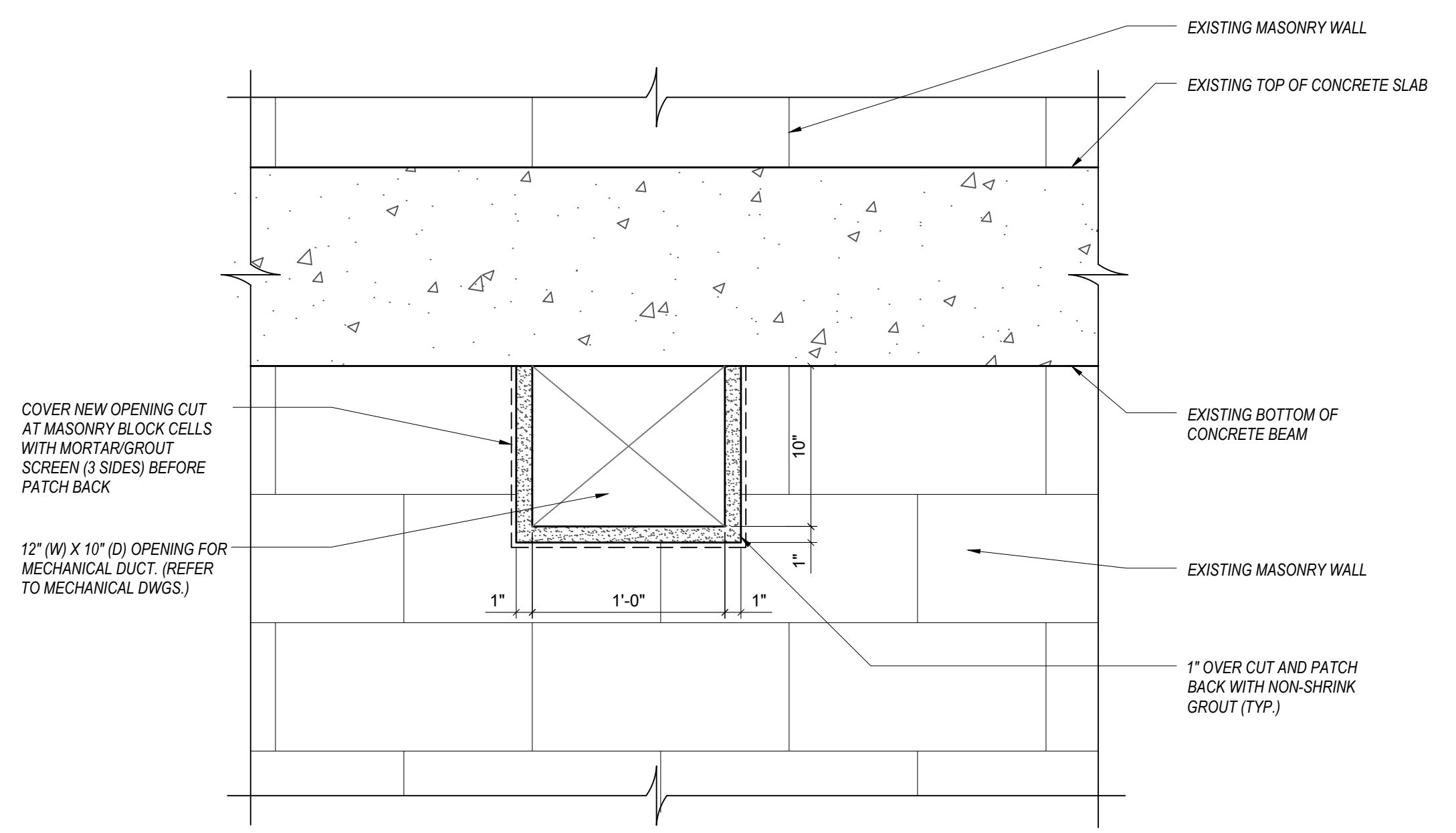
1 EXTERIOR ELEVATION
1/4" = 1'-0"



2 PARTIAL SECTION
1/2" = 1'-0"



3 EXPANSION JOINT/REVEAL DETAIL
3" = 1'-0"



4 NEW OPENING IN MASONRY DETAIL
1 1/2" = 1'-0"

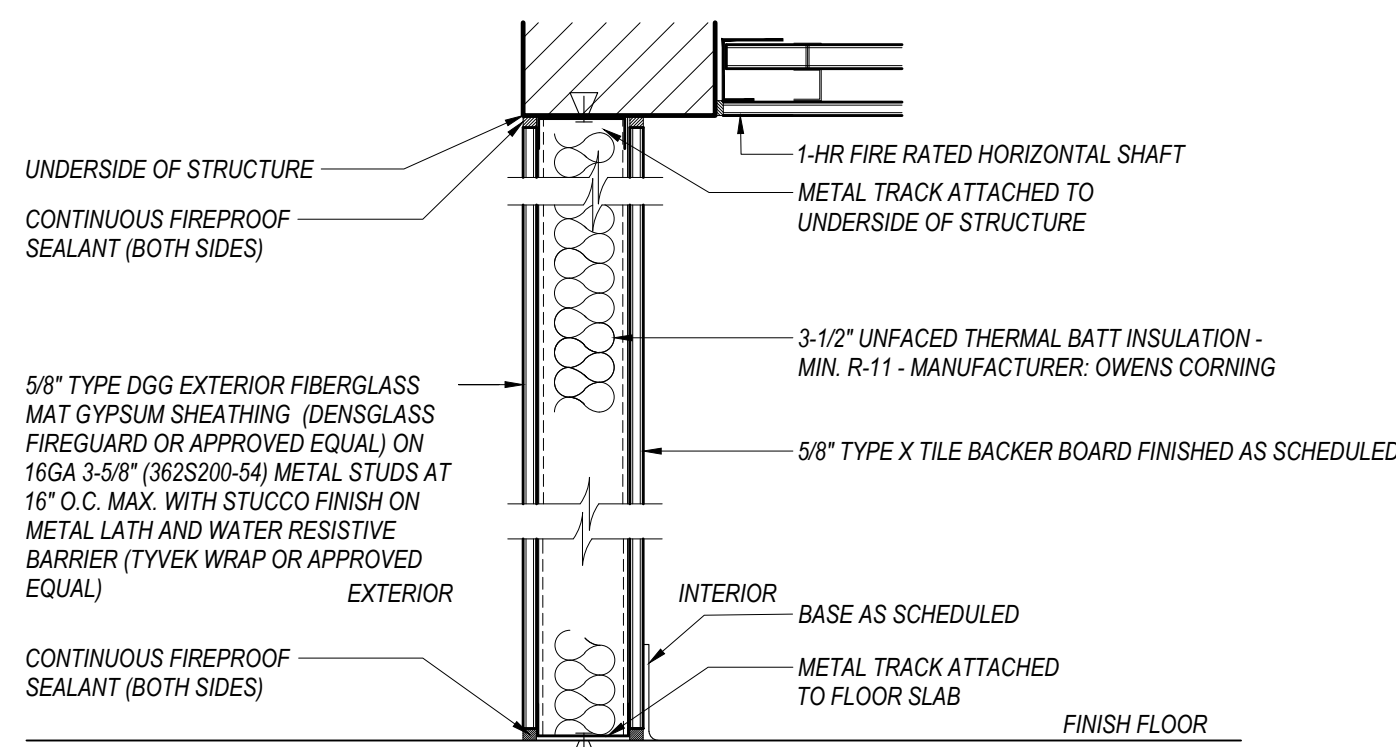
REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
05/31/2019	100% CONSTRUCTION DOCUMENTS		

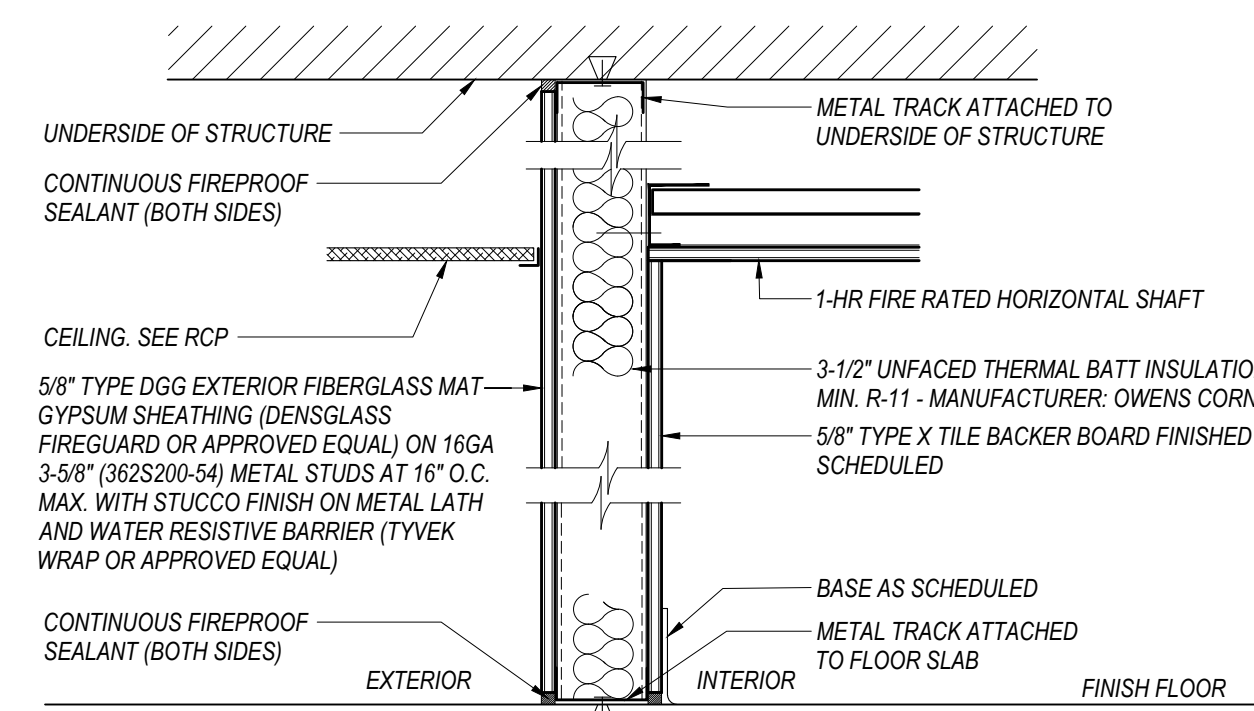
ADOLFO J. COTILLA JR., AIA
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01

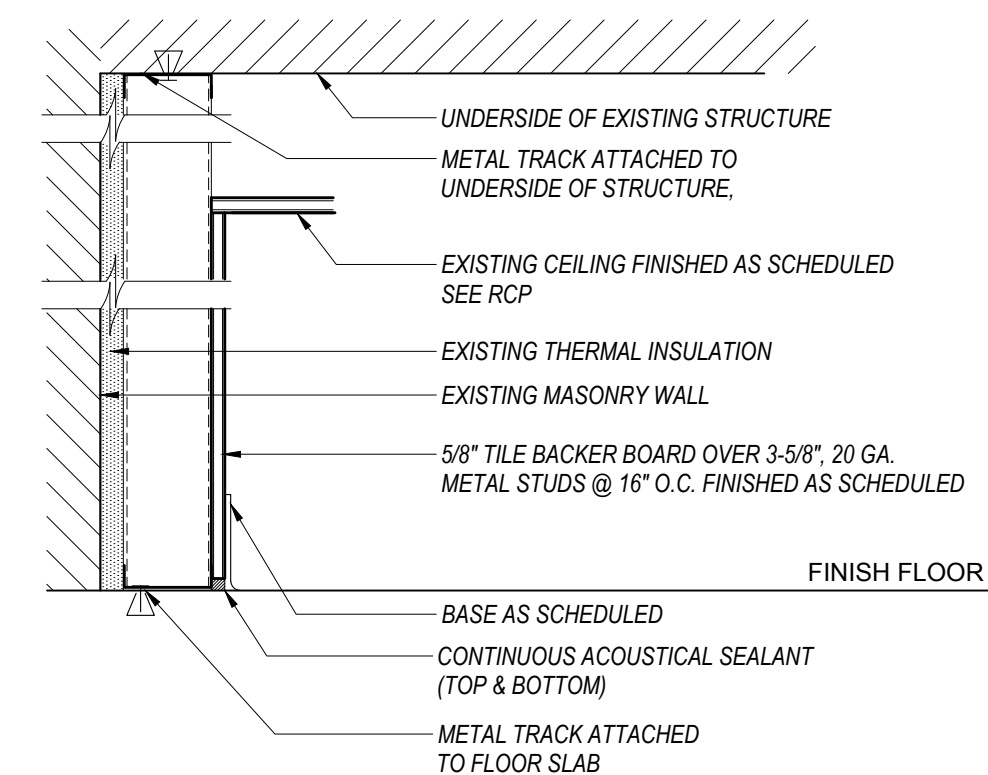
AUDITORIUM RESTROOMS - EXTERIOR ELEVATION, SECTION AND DETAILS		SHEET NO.
		AA-107



UL DESIGN: U465



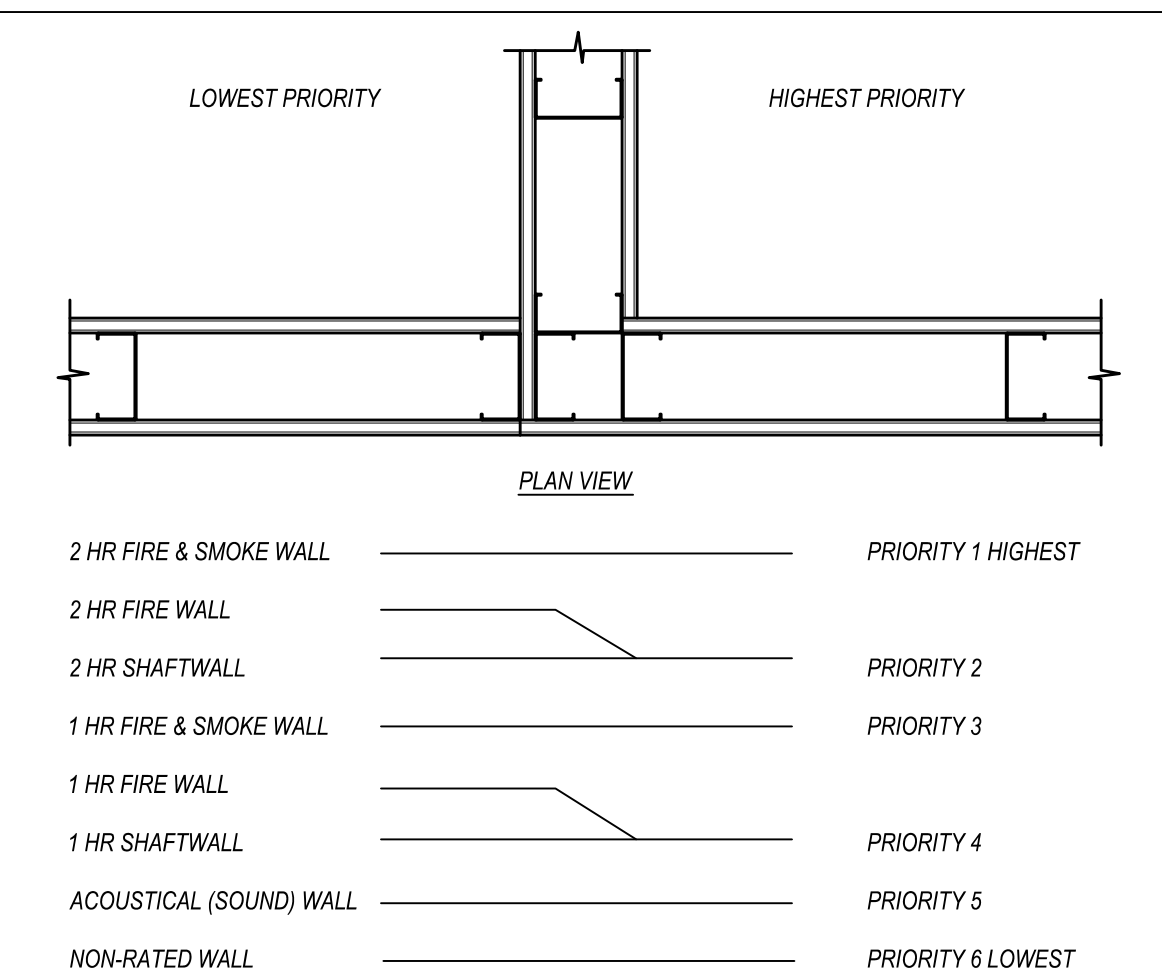
UL DESIGN: U465



PARTITION/ WALL GENERAL NOTES

- SEE INTERIOR ELEVATIONS FOR HEIGHT & TILE LOCATIONS.
- PROVIDE METAL BACKING AT ALL WALL MOUNTED FIXTURES, PROJECTION SCREENS, SHELVING, ACCESSORIES, ETC.
- ALL PENETRATIONS IN FIRE RATED PARTITION ASSEMBLIES. SHALL MAINTAIN THE INTEGRITY OF THE FIRE RATING. REFER TO FIRE PENETRATION DETAILS AND MEP DWGS.
- ALL THERMAL INSULATING MATERIAL PROVIDED ON THIS PROJECT SHALL COMPLY WITH F.B.C. 720
- INSULATING MATERIALS, WHERE CONCEALED AS INSTALLED, IN BUILDINGS OF ANY TYPE CONSTRUCTION, SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450 AS PER F.B.C. 720.2.
- CORRIDOR PARTITIONS, SMOKESTOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES, AND FIRE RATED WALLS REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUCH IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES. SUGGESTED WORDING: "FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS" PER F.B.C. 703.7
- INTERIOR PARTITIONS, PERMANENT, FULL-HEIGHT INTERIOR WALLS AND PARTITIONS SHALL BE DESIGNED TO RESIST A LATERAL LIVE LOAD NOT LESS THAN 5 POUNDS PER SQUARE FOOT (239 PA)
- ALL EXPOSED GYP. BOARD SHALL BE PAINTED UNLESS OTHERWISE NOTED. SEE FINISH SCHEDULE.
- DO NOT ALLOW GYP. BD. TO TOUCH STRUCTURE - STOP GYP BOARD 1/4" BEFORE STRUCTURE AND FILL THE JOINT WITH SEALANT. USE FIRE RETARDANT SEALANT WHEN PARTITION IS RATED.
- ALL DIMENSIONS ARE TAKEN FROM FACE OF STUD OR MASONRY WALL U.N.O.
- REFER TO WALL PRIORITY LEGEND IN THIS SHEET FOR WALL PRIORITIES.

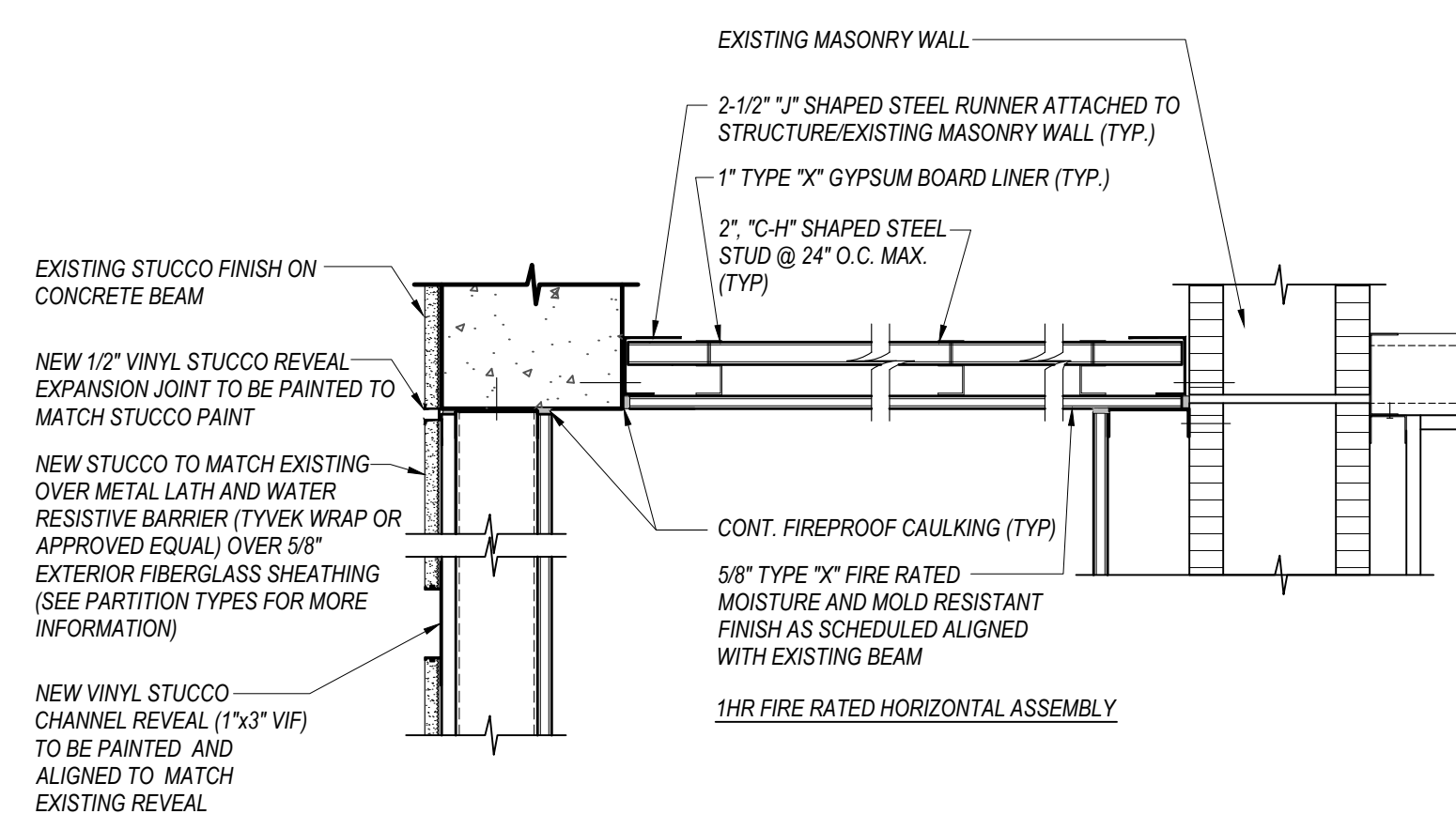
WALL PRIORITY LEGEND



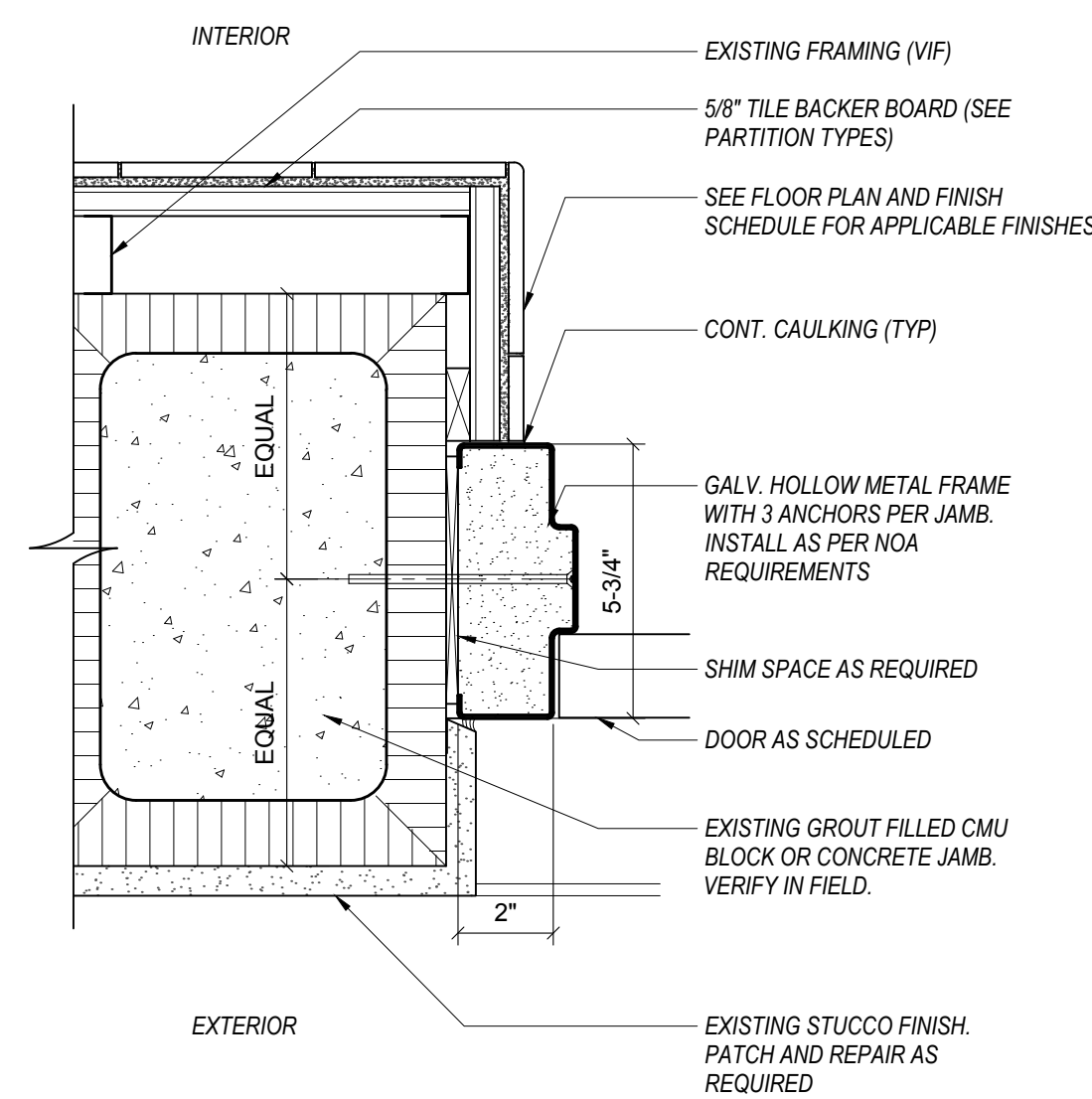
1 PARTITION TYPE 1
1 1/2" = 1'-0"

2 PARTITION TYPE 2
1 1/2" = 1'-0"

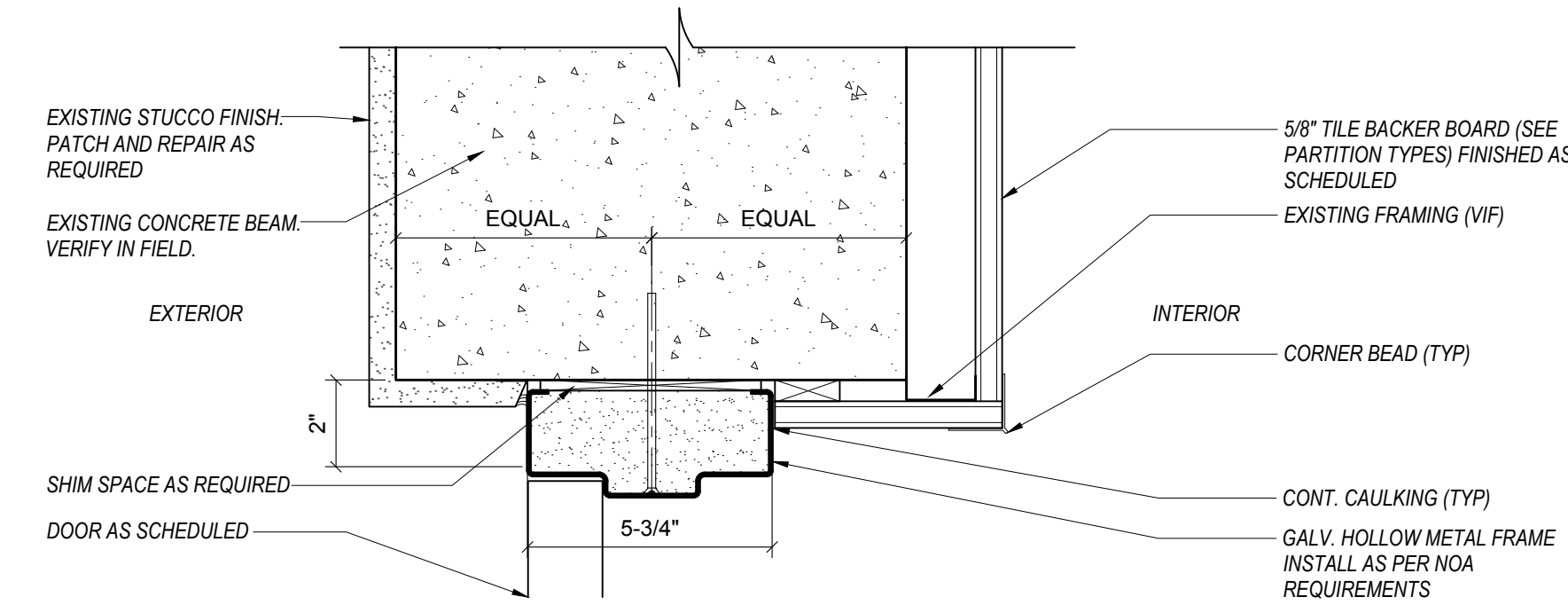
3 PARTITION TYPE 3
1 1/2" = 1'-0"



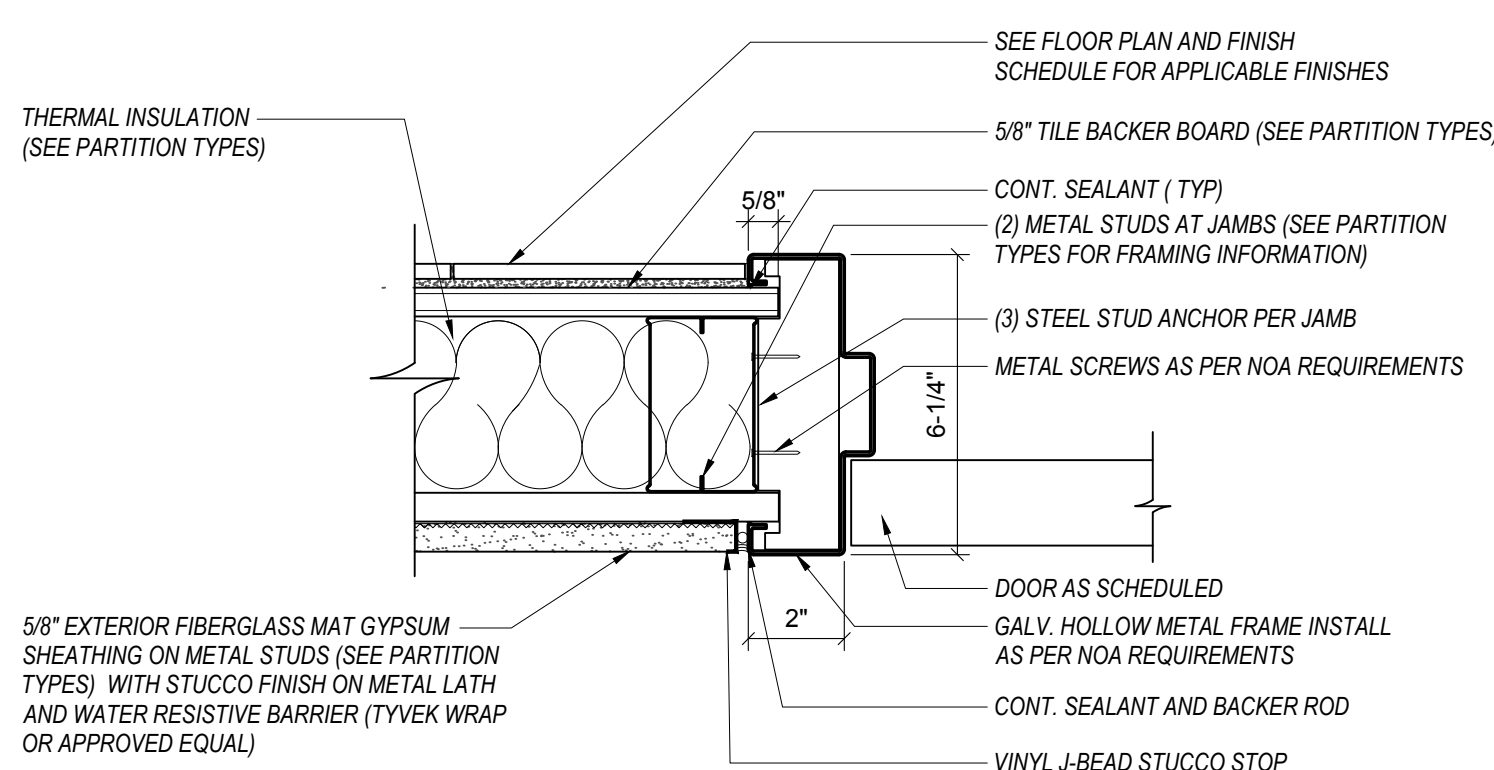
4 FIRE RATED HORIZONTAL SHAFT DETAIL
1 1/2" = 1'-0"



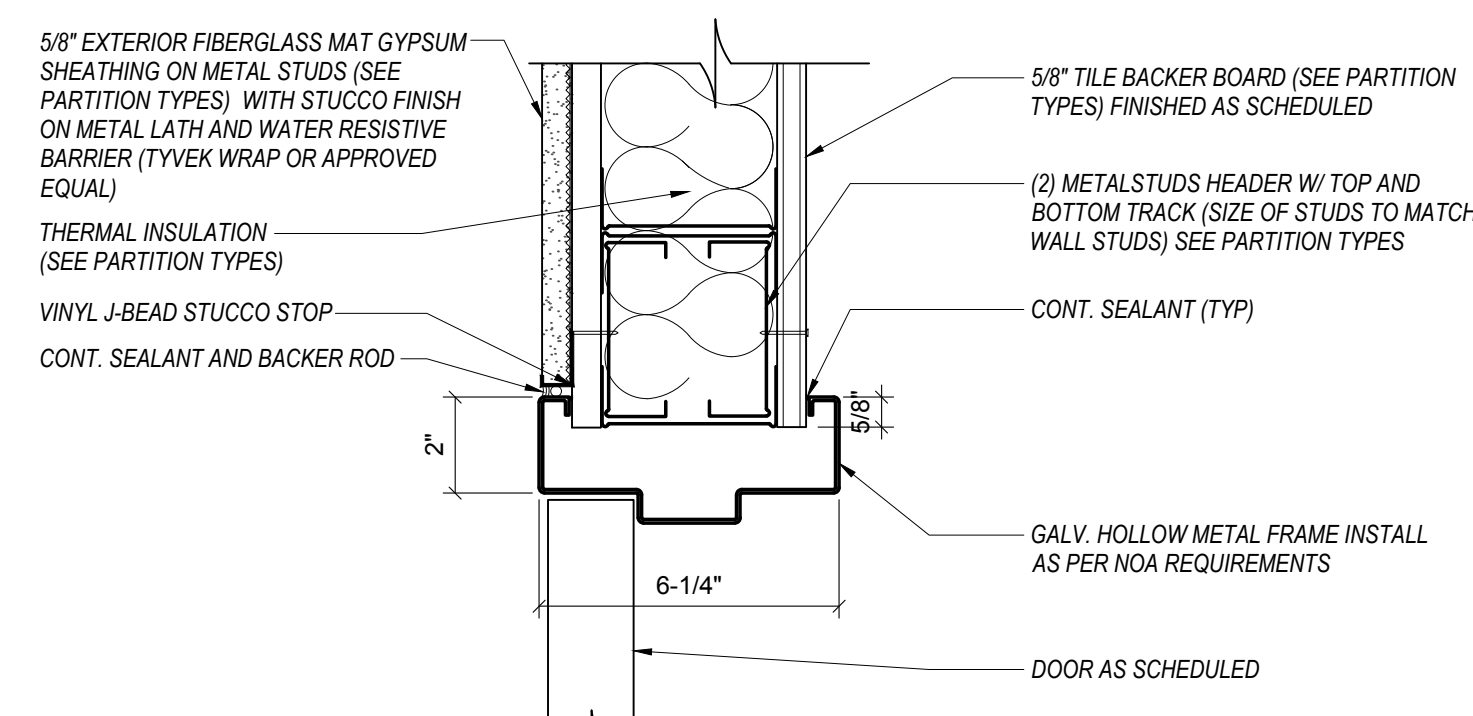
5 DOOR JAMB DETAIL
3" = 1'-0"



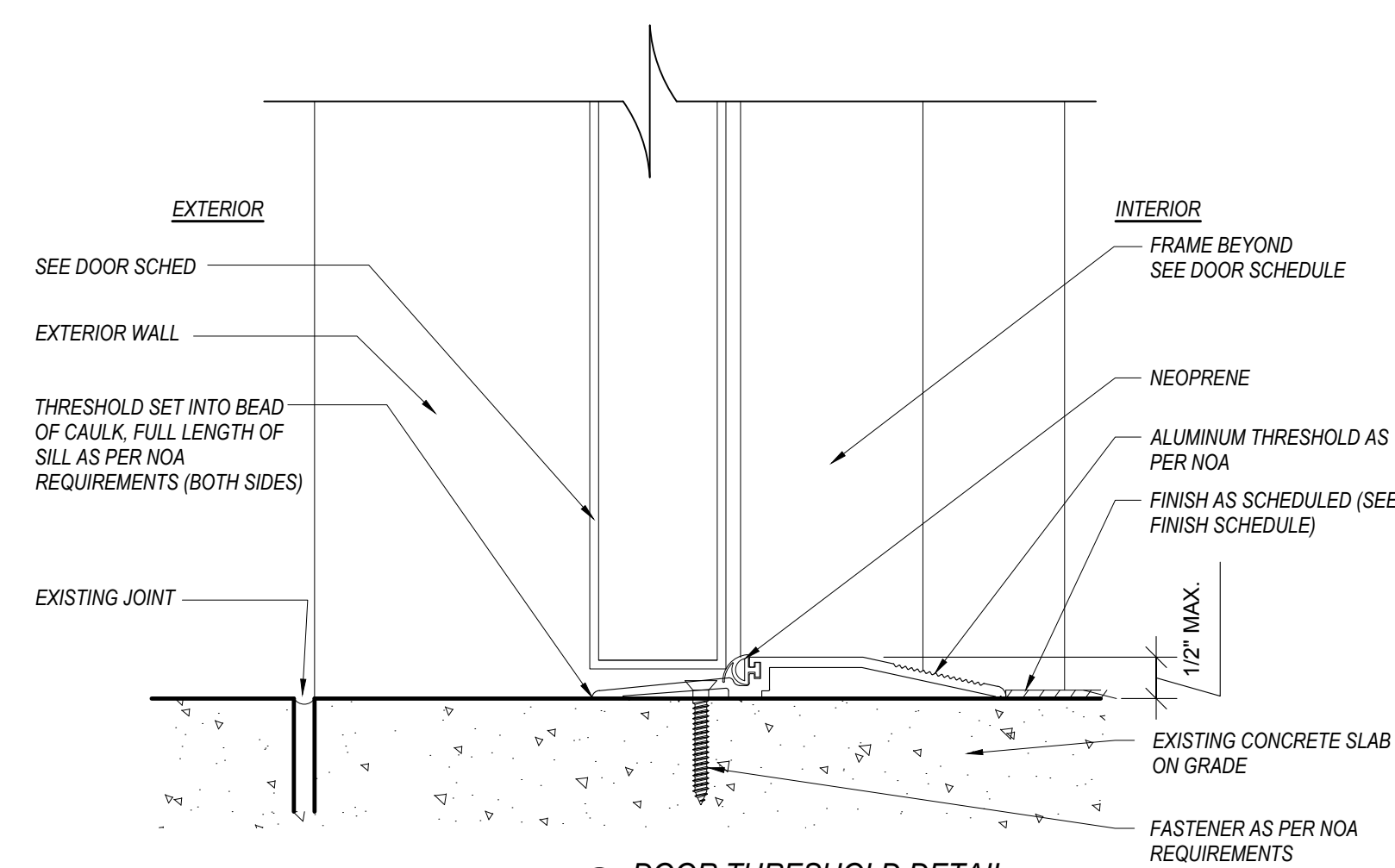
6 DOOR HEAD DETAIL
3" = 1'-0"



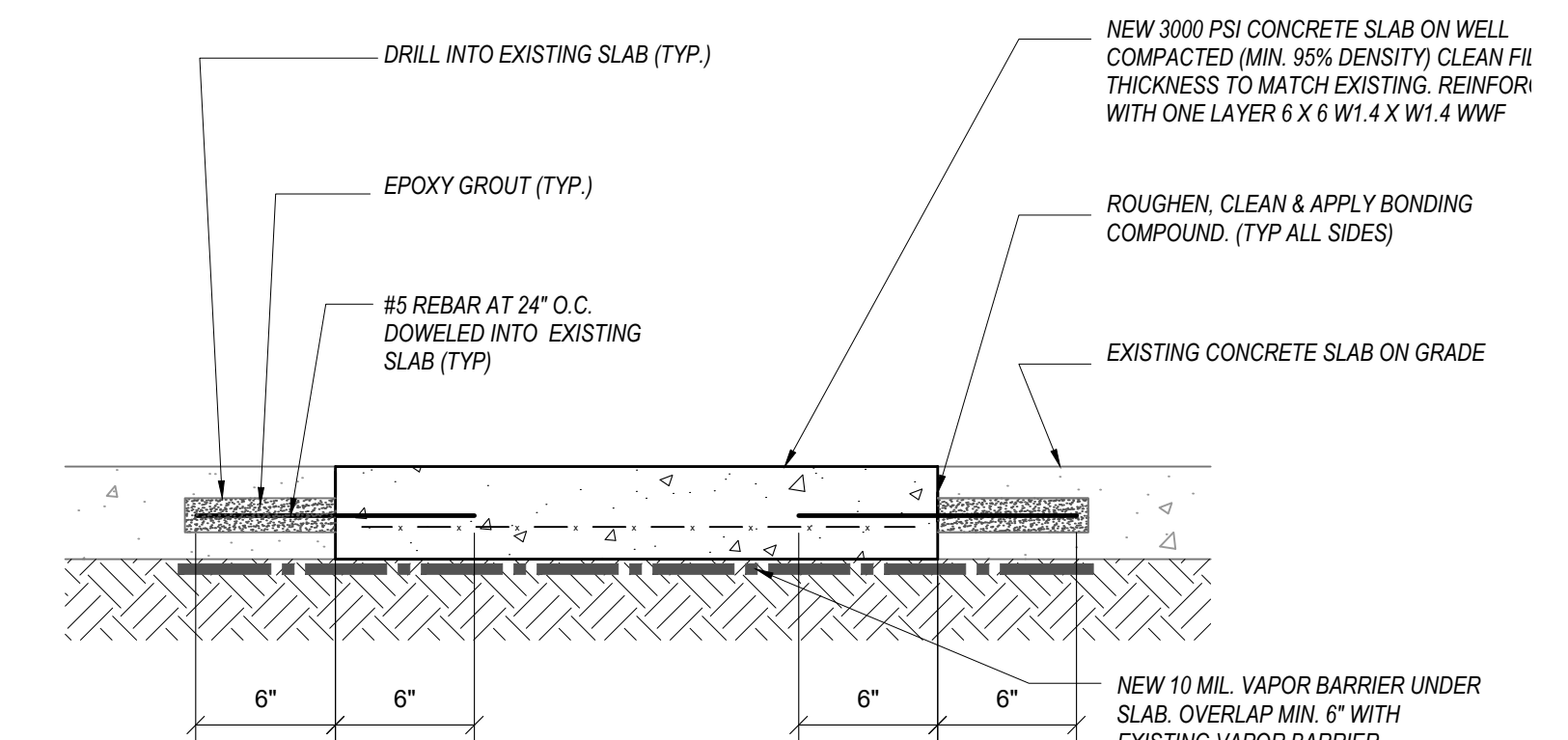
7 DOOR JAMB DETAIL
3" = 1'-0"



8 DOOR HEAD DETAIL
3" = 1'-0"



9 DOOR THRESHOLD DETAIL
6" = 1'-0"



10 NEW SLAB INFILL DETAIL AT TRENCH
1 1/2" = 1'-0"

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
05/31/2019	100% CONSTRUCTION DOCUMENTS		

ADOLFO J. COTILLA JR., AIA
ARCHITECTURAL LICENSE No. AR 0008011
ACAI ASSOCIATES, INC.
2937 W. GYPRESS CREEK RD., SUITE 200
FT. LAUDERDALE, FLORIDA 33309

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

ADDRESS	COUNTY	FINANCIAL PROJECT ID
1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01

AUDITORIUM RESTROOMS - PARTITION TYPES AND DETAILS

SHEET NO.

AA-108

DOOR SCHEDULE

DOOR TAG	TYPE	DOOR				FINISH	UNDERCUT	FIRE RATING	HDWR	TYPE	FRAME		SILL	COMMENTS
		WIDTH	HEIGHT	THICKNESS	MATERIAL						FINISH	JAMB		
11	B	3'-0"	7'-0"	1 3/4"	STEEL	PAINT	-	NR	1, 4, 5, 6, 7, 8, 9	1	HM	PAINT	5/AA-108 6/AA-108 9/AA-108	CONTRACTOR TO PROVIDE NOA THERMAL RATED DOOR R-2.85 MIN PAINT DOOR AND FRAME TO MATCH EXISTING
12	B	3'-0"	7'-0"	1 3/4"	STEEL	PAINT	-	45 MIN.	1, 4, 5, 6, 7, 8, 9	1	HM	PAINT	5/AA-108 6/AA-108 9/AA-108	CONTRACTOR TO PROVIDE NOA THERMAL RATED DOOR R-2.85 MIN PAINT DOOR AND FRAME TO MATCH EXISTING
13	A	3'-0"	7'-0"	1 3/4"	STEEL	PAINT	-	NR	2, 3, 5, 6, 7, 8, 9	1	HM	PAINT	7/AA-108 8/AA-108 9/AA-108	CONTRACTOR TO PROVIDE NOA THERMAL RATED DOOR R-2.85 MIN PAINT DOOR AND FRAME TO MATCH EXISTING. SELF-CLOSING & LATCHING PROVIDE 1" UNDERCUT

DOOR GENERAL NOTES

DOOR NOTES:

1. ALL EXTERIOR DOORS TO MEET IMPACT AND WIND LOAD REQUIREMENTS AND MIAMI DADE COUNTY APPROVALS.
2. ALL GLAZING SHALL COMPLY WITH 2017 FLORIDA BUILDING CODE AND ADA REQUIREMENTS.
3. ALL DOOR FRAMING IS DIMENSIONED AS 2" NOMINALLY, U.N.O.
4. SUBMIT SHOP DRAWINGS FOR FDOT APPROVAL.
5. FIELD MEASURE OPENINGS PRIOR TO FABRICATION. VERIFY EXISTING STRUCTURAL CONDITIONS AT JAMBS AND HEAD.
6. PROVIDE MAX. 1/4" P.T. SHIM SPACE ON ALL FRAMES AS NECESSARY.
7. PROVIDE SEALANT WITH PROPER SIZED BACKER ROD AT ALL EXTERIOR DOOR FRAMES.
8. ALL DOOR LOCKS ARE TO BE COORDINATED WITH FDOT. ALL NEW DOORS ARE TO HAVE SAME LOCKING FUNCTIONS AS THE EXISTING DOORS BEING REPLACED.
9. ALL DOORS BEING REPLACED ARE TO HAVE NEW THRESHOLDS.
10. EXTERIOR STEEL DOORS AND FRAMES TO BE 16 GA MIN. - FULL PROFILE WELDED.
11. EXPOSED FINISH FACTORY PRIME FOR FIELD FINISH
12. FIRE RATINGS SHALL APPLY TO DOOR ASSEMBLY, DOOR, FRAME, AND HARDWARE.

HARDWARE NOTES:

1. USE PASSAGE SETS AS A DEFAULT CONFIGURATION FOR ALL DOORS. PROVIDE GRADE 2 HARDWARE WITH LEVER HANDLES THAT DO NOT HAVE ROUGH EDGES OR CASTING IMPERFECTIONS.
2. USE A STANDARD UNIT-TYPE (NON-MORTISE) LOCK COUTOUT.
3. ALL DOORS OPENING TO OUTSIDE (E.G., EXIT DOORS) SHALL HAVE NON-REMOVABLE HINGE PINS. PROVIDE LATCH GUARDS AT EXTERIOR DOORS TO DETER UNAUTHORIZED ENTRY PROTECTION.
4. ALL HARDWARE SPECIFICATIONS, FINISHES AND SCHEDULES SHALL BE SUBMITTED FOR APPROVAL TO FDOT PRIOR TO FINALIZING BID DOCUMENTS.
5. LOCKS SHALL HAVE HEAVY WROUGHT STEEL CASES AND ARMORED FRONTS, ADJUSTABLE TO SUIT DOOR BEVEL.
6. LATCH BOLTS SHALL BE "TRUE" ANTI-FRICTION HINGED TYPE WITH MINIMUM THROW OF 3/4".
7. DEADBOLTS SHALL HAVE A MINIMUM THROW OF 1" AND BE EQUIPPED WITH HARDENED STEEL ROLLER INSERTS.
8. LOCKSETS/LATCHSETS LEVERS ON DOORS LEADING INTO HAZARDOUS AREAS SHALL HAVE A TACTILE WARNING FINISH.
9. INTERIOR AND EXTERIOR HARDWARE SHALL BE SATIN STAINLESS STEEL (S30320).
10. CYLINDERS, KEYS AND KEYING. COORDINATE WITH PROJECT MANAGER.
11. CYLINDERS SHALL BE KEYPED TO THE FDOT KEY SYSTEM, AND ARE SUBJECT TO THE GREAT GRAND MASTER (GGMK), GRAND MASTER (GMK), MASTER (MK) AND CHANGE (CK) KEY LOCKSET MUST ACCOMMODATE THE FDOT STANDARD CYLINDER.
12. CONSTRUCTION CYLINDERS SHALL BE "CONSTRUCTION MASTER KEYPED".
13. PERMANENT CYLINDERS SHALL BE FACTORY KEYPED AS DIRECTED BY FDOT.
14. KEYS SHALL BE STAMPED "STATE OF FLORIDA" - DO NOT DUPLICATE".
15. THE FOLLOWING KEYS AND EQUIPMENT SHALL BE FURNISHED:
 - 3 EACH GMK
 - 6 EACH MK
 - 3 PER LOCK CK
16. ONE LOCKABLE KEY CABINET TO SUIT JOB REQUIREMENTS WITH 100% EXPANSION
17. ALL HARDWARE SHALL COMPLY WITH NOA REQUIREMENTS
18. ALL HARDWARE SHALL COMPLY WITH ADA REQUIREMENTS
19. ALL HARDWARE SHALL BE HEAVY DUTY, COMMERCIAL GRADE

HARDWARE SCHEDULE (BALANCE OF HARDWARE SHALL BE PER NOA & UL REQUIREMENTS):

1. CLASSROOM LOCK
 2. STOREROOM LOCK
 3. LEVER (BOTH SIDES)
 4. PULL BAR
 5. CLOSER WITH HOLD-OPEN
 6. WEATHER STRIPPING
 7. SILENCERS
 8. PUSH PLATE
 9. KICK PLATE
- SEE HARDWARE NOTES.

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALL		CEILING	MILLWORK		COMMENTS
				FIELD	ACCENT		COUNTER	BACKSPLASH	
01	LOGGIA (DRINKING FOUNTAIN AREA)	CS-1		TO MATCH EXIST.		TO MATCH EXIST.	--	--	PAINT ON STUCCO ON CEILING AND WALLS TO MATCH EXISTING AT ADJACENT LOGGIA
11	WOMEN'S RESTROOM	FT-1		COVE BASE WT-3	WT-3/P-1	WT-1/WT-2	CP-1	CTR-1	CTR-1
12	MEN'S RESTROOM	FT-1		COVE BASE WT-3	WT-3/P-1	WT-2/WT-1	CP-1	CTR-1	CTR-1
13	JANITOR CLOSET	CS-1		WT-3/P-1			CP-1	--	--

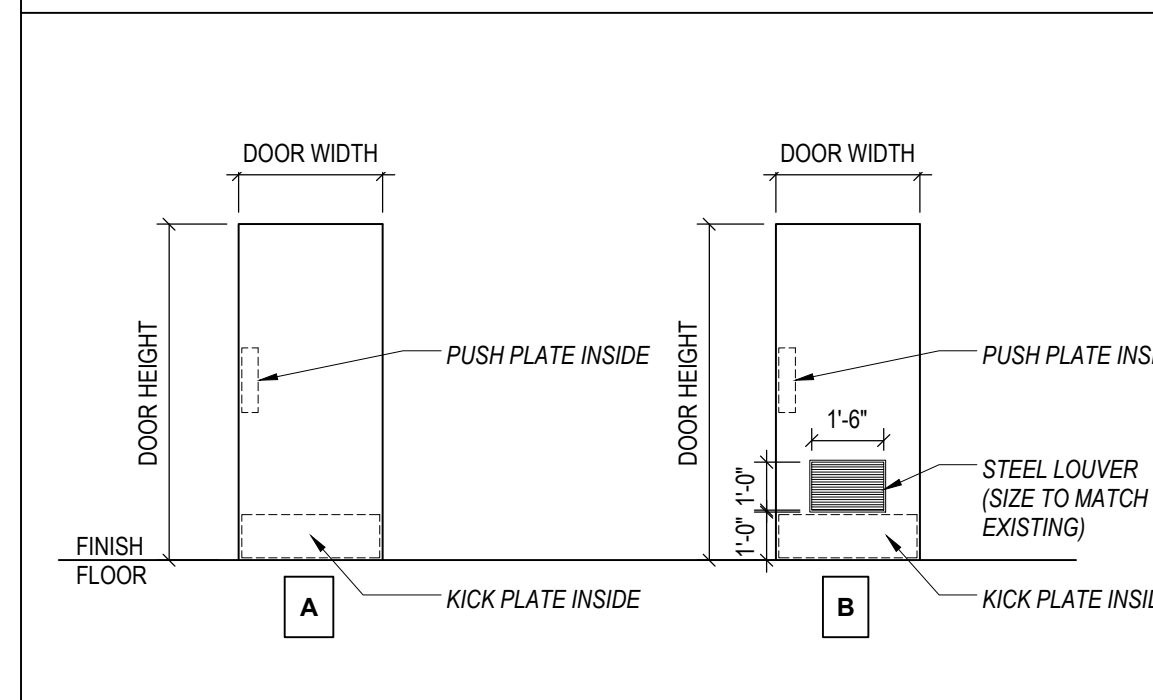
FINISHES LIST

SYMBOL	PRODUCT	MANUFACTURER	MODEL/STYLE	COLOR	FINISH/MATERIAL/SIZE	COMMENTS
EXTERIOR WALL FINISH						
STUCCO	PORTLAND CEMENT PLASTERING	TITAN AMERICAN		PAINT TO MATCH EXISTING	TEXTURE AND THICKNESS TO MATCH EXISTING (VIF)	INCLUDE VINYL ACCESSORIES
FLOORING						
CS-1	CONCRETE STAIN	SIKA	LITHOCHROME TINTURA STAIN	TO MATCH EXISTING	TO MATCH EXISTING	AFTER APPLICATION IT MUST BE SEALED
FT-1	FLOOR TILE - UNGLAZED	CROSSVILLE	BASALT	BEDROCK AV293	12"X12" COLOR-THRU PORCELAIN	INCLUDING COVE BASE AND CORNER TRIMS
WALL BASE						
SEE WALL TILE ABOVE						
WALL TILE						
WT-1	WALL TILE - GLAZED	CROSSVILLE	COLOR BY NUMBERS	OVERTURE - WT18	4"X8" CERAMIC GLOSS	INCLUDE CORNER TRIMS, BULLNOSE, ETC.
WT-2	WALL TILE - GLAZED	CROSSVILLE	COLOR BY NUMBERS	NINE LIVES - WT09	4"X8" CERAMIC GLOSS	INCLUDE CORNER TRIMS, BULLNOSE, ETC.
WT-3	WALL TILE - GLAZED	CROSSVILLE	COLOR BY NUMBERS	THREE HOUR TOUR - WT03	4"X12" CERAMIC GLOSS	INCLUDE COVE BASE(4"X8"), CORNER TRIMS, TOP, ETC.
PAINT						
P-1	EPOXY PAINT	SHERWIN WILLIAMS		NUANCE SW 7049		
CEILING						
CP-1	EPOXY PAINT	SHERWIN WILLIAMS		EXTRA WHITE SW7006		
MILLWORK						
CTR-1	SOLID SURFACE	CORIAN	SILVER BIRCH			

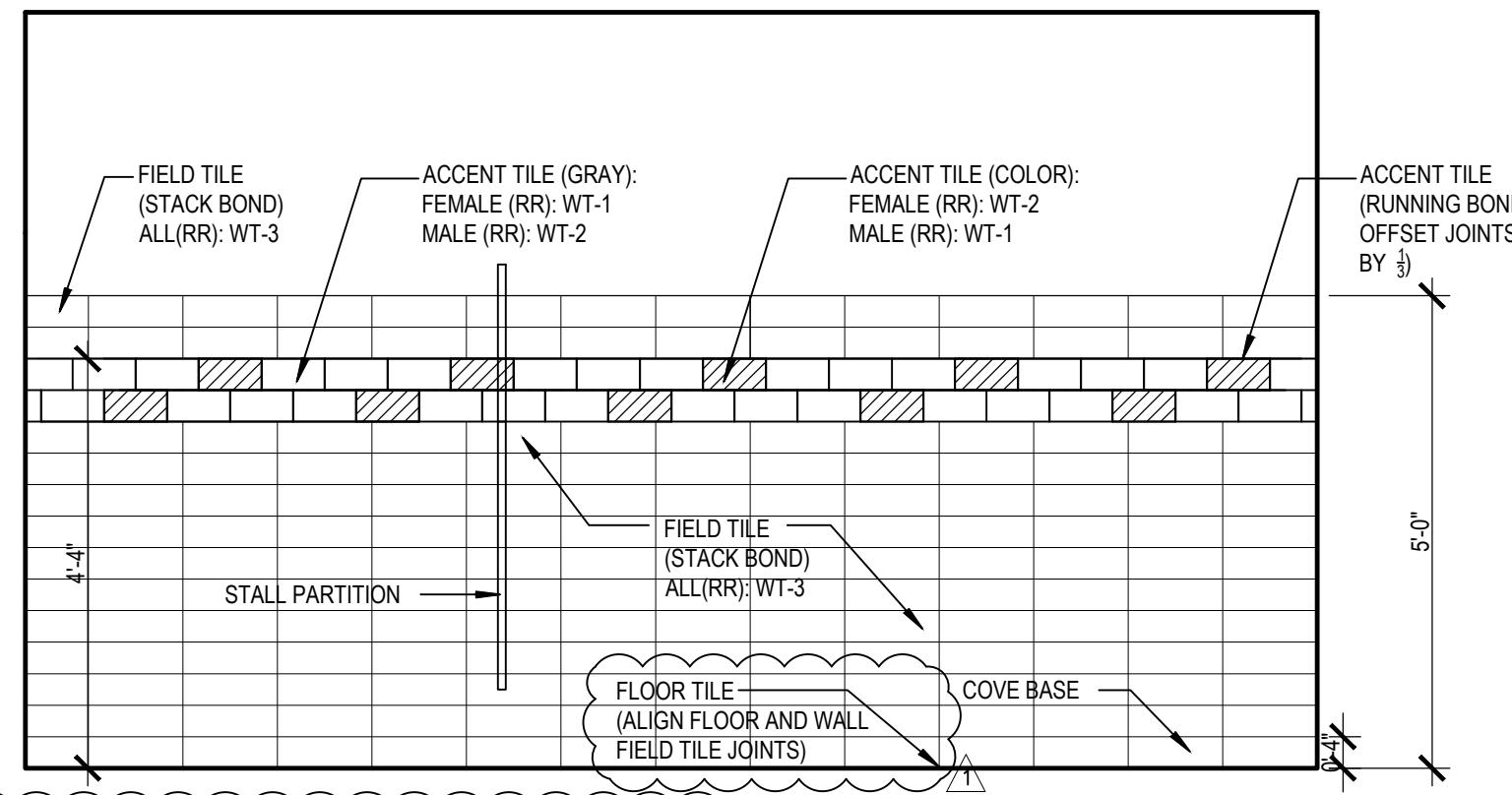
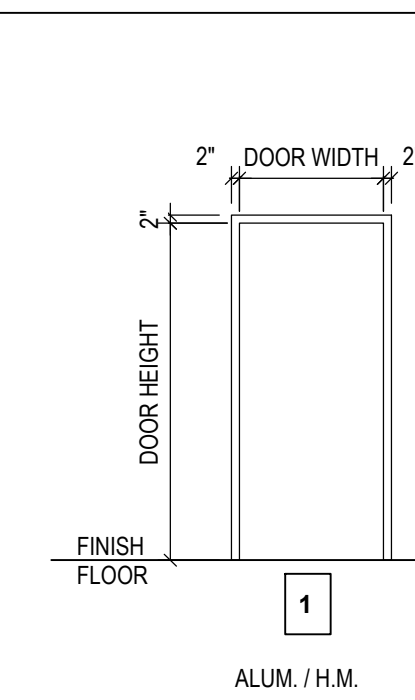
FINISH NOTES

1. ALL FINISHES SHALL COMPLY WITH FBC & NFPA CLASS FLAME SPREAD AND SMOKE DEVELOPED REQUIREMENTS. REFER TO SHEET AA-001.
2. VERIFY THAT FINISHES OF SUBSTRATES COMPLY WITH TOLERANCES AND OTHER REQUIREMENTS AND THAT SUBSTRATES ARE FREE OF CRACKS, RIDGES, DEPRESSIONS, SCALE, AND FOREIGN DEPOSITS THAT MIGHT INTERFERE WITH INSTALLATION.
3. PRIOR TO INSTALLATION OF ALLIANY FLOORING, THE MOISTURE CONTENT OF CONCRETE SLABS SHALL BE TESTED TO VERIFY MOISTURE LEVELS MEET THE MANUFACTURER RECOMMENDATIONS.
4. PRIOR TO INSTALLATION OF MILLWORK, AND ANY/ALL FINISHES, HUMIDITY LEVELS IN THE SPACE MUST COMPLY WITH MANUFACTURER RECOMMENDATIONS.
5. INSTALLATION OF ALLIANY INTERIOR FINISHES, FLOORING, MILLWORK, ETC., SHALL MEET MANUFACTURER RECOMMENDATIONS AND REQUIREMENTS.
6. PROVIDE SHOP DRAWINGS FOR ALL FINISHES. INCLUDE IN SHOP DRAWINGS SUBMITTAL, SAMPLES & MATERIAL DATA SHEETS OF ALL FINISHES FOR REVIEW AND APPROVAL BY OWNER REPRESENTATIVE AND ARCHITECT PRIOR TO ORDERING AND INSTALLATION.
7. MOISTURE TEST / HUMIDITY LEVELS MUST BE IN COMPLIANCE WITH MANUFACTURER RECOMMENDATIONS PRIOR TO INSTALLATION OF ALLIANY PRODUCTS.
8. TILE INSTALLATION SHALL BE PER TCNA STANDARDS.
9. ALL FINISHES SHALL BE REVIEWED AND APPROVED BY THE DEPARTMENT PRIOR TO PROCUREMENT.

DOOR TYPES



FRAME TYPES



1 TILE PATTERN ELEVATION - ALL RR
1/2" = 1'-0"

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
05/31/2019	100% CONSTRUCTION DOCUMENTS		
07/12/2019	OWNER'S REVISION		

ADOLFO J. COTILLA JR., AIA
ARCHITECTURAL LICENSE No. AR 0008011
ACAI ASSOCIATES, INC.
2937 W. CYPRESS CREEK RD., SUITE 200
FT. LAUDERDALE, FLORIDA 33309

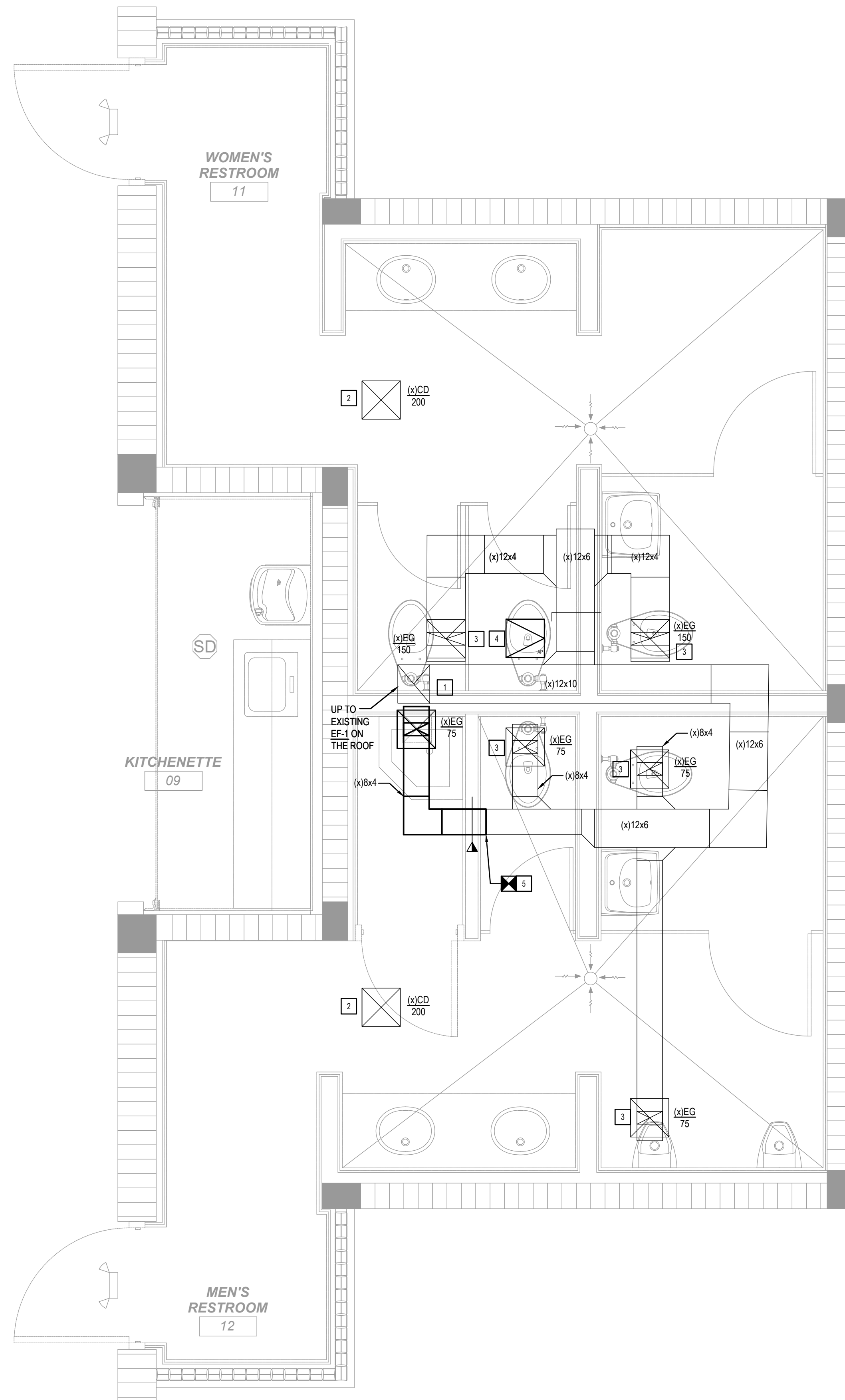
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ADDRESS	COUNTY	FINANCIAL PROJECT ID
1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01

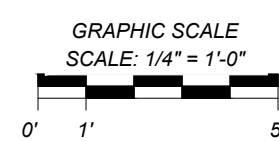
AUDITORIUM RESTROOMS - DOOR SCHEDULE, DOOR TYPES AND FINISH SCHEDULE

SHEET NO.

AA-109



① AUDITORIUM RESTROOMS - DEMOLITION PLAN
1/2" = 1'-0"

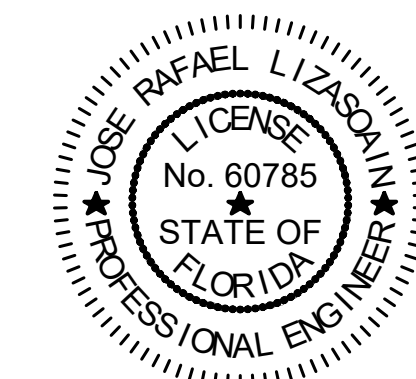


GENERAL NOTES:

- a. ALL WORK IS DIAGRAMATIC AND ONLY REPRESENT THE GENERAL SCOPE OF WORK. DO NOT SCALE FROM DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- b. ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND STANDARDS.
- c. PRIOR TO ANY UTILITY SHUT DOWN CONTRACTOR SHALL COORDINATE WITH OWNER. DO NOT SHUT DOWN ANY UTILITY WITHOUT OWNERS APPROVAL.
- d. ALL EQUIPMENT REMOVED SHALL REMAIN PROPERTY OF THE OWNER UNLESS OTHERWISE INSTRUCTED TO DISPOSE OF IT.

KEY NOTES:

1. EXISTING DUCT AND ASSOCIATED EQUIPMENT TO REMAIN.
2. EXISTING CEILING DIFFUSER TO REMAIN.
3. EXISTING EXHAUST GRILLE TO REMAIN.
4. EXISTING ACCESS PANEL TO REMAIN.
5. DEMOLISH DUCTWORK, AND DUCT ACCESSORIES FROM POINT OF DISCONNECT TO POINT OF DISCONNECT, AS SHOWN.



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REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #4270	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - MECHANICAL DEMOLITION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
5/31/2019	100% CONSTRUCTION DOCUMENTS					1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE		442729-1-32-01

MECHANICAL SYMBOLS AND ABBREVIATIONS

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS INDICATED HERE ARE USED IN THE DRAWINGS AND MAY NOT APPLY TO THIS PROJECT. ADDITIONAL SYMBOLS MAY BE INDICATED IN THE DRAWINGS.

MECHANICAL ABBREVIATIONS

<p>AD - ACCESS DOOR AFF - ABOVE FINISHED FLOOR AL - ALUMINUM ALT - ALTERNATE AP - ACCESS PANEL APD - AIR PRESSURE DROP APPROX - APPROXIMATE ARCH - ARCHITECTURAL AVG - AVERAGE BAS - BUILDING AUTOMATION SYSTEM BOB - BOTTOM OF BEAM BOD - BOTTOM OF DUCT BOP - BOTTOM OF PIPE BTU - BRITISH THERMAL UNITS BTUH - BRITISH THERMAL UNITS PER HOUR CAV - CONSTANT AIR VOLUME CFH - CUBIC FEET PER HOUR CFM - CUBIC FEET PER MINUTE CL - CENTERLINE CLG - CEILING COND - CONDENSATE CONTR - CONTRACTOR COP - COEFFICIENT OF PERFORMANCE CU - COPPER DAP - DUCT ACCESS PANEL DB - DRY BULB DDC - DIRECT DIGITAL CONTROL DEG - DEGREES DIA - DIAMETER DIM - DIMENSION DN - DOWN DWG - DRAWING DX - DIRECT EXPANSION EA - EXHAUST AIR EAT - ENTERING AIR TEMPERATURE EC - ELECTRICAL CONTRACTOR EDR - EQUIVALENT DIRECT RADIATION EFF - EFFICIENCY ELEC - ELECTRICAL ELEV - ELEVATION EM - EMERGENCY ESP - EXTERNAL STATIC PRESSURE ETR - EXISTING TO REMAIN EWT - ENTERING WATER TEMPERATURE EXH - EXHAUST EXP - EXPANSION EXIST - EXISTING F - FAHRENHEIT FC - FORWARD CURVED FLA - FULL LOAD AMPS FLR - FLOOR FM - FACTORY MUTUAL FPD - FLUID PRESSURE DROP FPI - FEET PER INCH FPM - FEET PER MINUTE FPS - FEET PER SECOND F&T - FLOAT AND THERMOSTATIC FT - FEET FTG - FOOTING GA - GAUGE GAL - GALLON GALV - GALVANIZED GBD - GRAVITY BACKDRAFT DAMPER GC - GENERAL CONTRACTOR GPM - GALLONS PER MINUTE GPH - GALLONS PER HOUR HP - HORSEPOWER ID - INSIDE DIAMETER IE - INVERT ELEVATION IN - INCHES LAT - LEAVING AIR TEMPERATURE LBHR - POUNDS PER HOUR LF - LINEAR FEET LTG - LIGHTING LWT - LEAVING WATER TEMPERATURE</p>	<p>MAX - MAXIMUM MBH - THOUSANDS OF BTU PER HOUR MC - MECHANICAL CONTRACTOR MCA - MINIMUM CIRCUIT AMPACITY MCC - MOTOR CONTROL CENTER MEP - MECHANICAL, ELECTRICAL AND PLUMBING MER - MECHANICAL EQUIPMENT ROOM MEZZ - MEZZANINE MFR - MANUFACTURER MIN - MINIMUM MISC - MISCELLANEOUS NA - NOT APPLICABLE NC - NORMALLY CLOSED NIC - NOT IN CONTRACT NO - NORMALLY OPEN NOS - NOMINAL PIPE SIZE NPSH - NET POSITIVE SUCTION HEAD NPT - NATIONAL PIPE THREAD NR - NEAR NTS - NOT TO SCALE OA - OUTSIDE AIR OC - ON CENTER OED - OPEN END DUCT OLP - OVERLOAD PROTECTION OV - OUTLET VELOCITY PC - PLUMBING CONTRACTOR PCF - POUNDS PER CUBIC FOOT PDC - PRESSURE DROP PH - PHASE PLB - PLUMBING POC - POINT OF CONNECTION PPH - POUNDS PER HOUR PRV - PRESSURE RELIEF VALVE PSF - POUNDS PER SQUARE FOOT PSI - POUNDS PER SQUARE INCH PSIA - POUNDS PER SQUARE INCH ABSOLUTE PSIG - POUNDS PER SQUARE INCH GAUGE PVC - POLYVINYL CHLORIDE RA - RETURN AIR REOD - REQUIRED RF - ROOF RH - RELATIVE HUMIDITY RPM - REVOLUTIONS PER MINUTE SA - SUPPLY AIR SCH - SCHEDULE SHT - SHEET SP - STATIC PRESSURE SPEC - SPECIFICATION SQ - SQUARE S/S - STAINLESS STEEL STD - STANDARD STRUCT - STRUCTURAL T&P - TEMPERATURE AND PRESSURE TA - TRANSFER AIR TBR - TO BE REMOVED TC - TEMPERATURE CONTROL TEMP - TEMPERATURE TOB - TOP OF BEAM TOD - TOP OF DUCT TOP - TOP OF PIPE TOS - TOP OF SLAB TSP - TOTAL STATIC PRESSURE T STAT - THERMOSTAT TYP - TYPICAL UC - UNDERCUT DOOR 1" (BY GENERAL CONTRACTOR) UNLESS OTHERWISE NOTED UNO - V - VOLTS VA - VALVE VAV - VARIABLE AIR VOLUME VEL - VELOCITY VP - VELOCITY PRESSURE VTR - VENT THRU ROOF W - WITH W/O - WITHOUT WB - WET BULB WC - WATER COLUMN WG - WATER GAUGE X - EXISTING</p>
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MECHANICAL EQUIPMENT ABBREVIATIONS

<p>AC - AIR CONDITIONING UNIT/AIR COMPRESSOR ACC - AIR COOLED CONDENSER ACCU - AIR COOLED CONDENSING UNIT ACU - AIR CONDITIONING UNIT AHU - AIR HANDLING UNIT AMD - AIR MIXING DEVICE ARU - AIR ROTATION UNIT AS - AIR SEPARATOR AT - AIR TERMINAL DEVICE B - BOILER BBS - BOILER BLOWDOWN SEPARATOR BC - BOOSTER COIL BFS - BOILER FEEDWATER SYSTEM C - CONVECTOR CC - COOLING COIL CH - CHILLER CP - CONDENSATE PUMP CRU - CONDENSATE RETURN UNIT CT - COOLING TOWER CUH - CABINET UNIT HEATER DC - DUST COLLECTOR DH - DEHUMIDIFIER EBB - ELECTRIC BASEBOARD EF - EXHAUST FAN EH - EXHAUST HOOD EJ - EXPANSION JOINT ET - EXPANSION TANK EUH - ELECTRIC UNIT HEATER F - FILTER FCU - FAN COIL UNIT FD - FLOOR DRAIN FOP - FUEL OIL PUMP FOT - FUEL OIL TANK FTR - FIN TUBE RADIATION</p>	<p>GF - GAS FURNACE GV - GRAVITY VENTILATOR H - HUMIDIFIER HC - HEATING COIL HP - HEAT PUMP HRC - HEAT RECOVERY COIL HRD - HEAT RECLAIM DEVICE HX - HEAT EXCHANGER IAH - INTAKE AIR HOOD IF - INLINE FAN IFH - INFRARED HEATER LP - LOUVERED PENTHOUSE MAU - MAKE-UP AIR UNIT MCC - MOTOR CONTROL CENTER MOD - MOTOR OPERATED DAMPER P - PUMP RAHU - ROOFTOP AIR HANDLING UNIT RCP - RADIANT CEILING PANEL REF - ROOF EXHAUST FAN RF - RETURN FAN RH - RELIEF HOOD RTU - ROOFTOP UNIT RV - ROOF VENTILATOR SA - SOUND ATTENUATOR SF - SUPPLY FAN SMD - SMOKE MOTORIZED DAMPER T - TANK TXV - THERMAL EXPANSION VALVE UH - UNIT HEATER UST - UNDERGROUND STORAGE TANK UV - UNIT VENTILATOR V - VALVE VFD - VARIABLE FREQUENCY DRIVE</p>
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PIPING SYSTEMS AND FITTINGS

<p>BD - BOILER BLOW DOWN BF - BOILER FEED BA - BREATHABLE AIR CHWS - CHILLED WATER SUPPLY CHR - CHILLED WATER RETURN CA - COMPRESSED AIR CWS - CONDENSER WATER SUPPLY CWR - CONDENSER WATER RETURN D - DRAIN LINE FOF - FUEL OIL FILL FOS - FUEL OIL SUPPLY FOR - FUEL OIL RETURN FOV - FUEL OIL VENT GCHWS - GLYCOL CHILLED WATER SUPPLY GCHR - GLYCOL CHILLED WATER RETURN HPWS - HEAT PUMP WATER SUPPLY HPR - HEAT PUMP WATER RETURN HPS - HIGH PRESSURE STEAM (100 PSIG) HPC - HIGH PRESSURE CONDENSATE HWS - HOT WATER SUPPLY HWR - HOT WATER RETURN H - HUMIDIFICATION LF - LIQUEFIED PETROLEUM GAS LPS - LOW PRESSURE STEAM (10 PSIG) LFC - LOW PRESSURE CONDENSATE MU - MAKE-UP WATER MFS - MEDIUM PRESSURE STEAM MPC - MEDIUM PRESSURE CONDENSATE NG - NATURAL GAS N - NITROGEN RL - RETURN AIR REOD - REQUIRED RF - ROOF RH - RELATIVE HUMIDITY RPM - REVOLUTIONS PER MINUTE SA - SUPPLY AIR SCH - SCHEDULE SHT - SHEET SP - STATIC PRESSURE SPEC - SPECIFICATION SQ - SQUARE S/S - STAINLESS STEEL STD - STANDARD STRUCT - STRUCTURAL T&P - TEMPERATURE AND PRESSURE TA - TRANSFER AIR TBR - TO BE REMOVED TC - TEMPERATURE CONTROL TEMP - TEMPERATURE TOB - TOP OF BEAM TOD - TOP OF DUCT TOP - TOP OF PIPE TOS - TOP OF SLAB TSP - TOTAL STATIC PRESSURE T STAT - THERMOSTAT TYP - TYPICAL UC - UNDERCUT DOOR 1" (BY GENERAL CONTRACTOR) UNLESS OTHERWISE NOTED UNO - V - VOLTS VA - VALVE VAV - VARIABLE AIR VOLUME VEL - VELOCITY VP - VELOCITY PRESSURE VTR - VENT THRU ROOF W - WITH W/O - WITHOUT WB - WET BULB WC - WATER COLUMN WG - WATER GAUGE X - EXISTING</p>	<p>FLANGE UNION ANCHOR PIPE GUIDE ECCENTRIC REDUCER CONCENTRIC REDUCER LINE CONTINUATION BREAK PIPELINE STRAINER ELBOW DOWN ELBOW UP TEE DOWN TEE UP PIPE CAP VALVE IN VERTICAL</p>
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PIPE VALVES AND SPECIALTIES

<p>ANGLE VALVE BALANCING VALVE (CIRCUIT SETTER) BALL VALVE BUTTERFLY VALVE BUTTERFLY VALVE WITH ACTUATOR CHECK VALVE (ARROW INDICATES FLOW DIRECTION) DIAPHRAGM VALVE DRAIN VALVE WITH CAPPED OUTLET FLOAT OPERATED VALVE GATE VALVE GLOBE VALVE PLUG VALVE PRESSURE REDUCING VALVE PRESSURE RELIEF VALVE SHUTOFF VALVE (SEE SPECIFICATION FOR TYPE) SOLENOID VALVE THERMAL EXPANSION VALVE TRIPLE DUTY VALVE 2-WAY CONTROL VALVE 3-WAY CONTROL VALVE</p>	<p>AUTOMATIC AIR VENT MANUAL AIR VENT BALL JOINT EXPANSION JOINT FLEXIBLE CONNECTION FLOW SWITCH FLOW METER PETE'S PLUG PRESSURE GAUGE PRESSURE SWITCH STEAM TRAP (INDICATE TYPE: T - THERMOSTATIC TRAP F&T - FLOAT AND THERMOSTATIC TRAP IB - INVERTED BUCKET TRAP) THERMOMETER DIRECTION OF FLOW DIRECTION OF PITCH RISE (R) OR DROP (D)</p>
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DUCTWORK FITTINGS

<p>SINGLE LINE DUCTWORK DOUBLE LINE DUCTWORK RECTANGULAR/ROUND BRANCH TAKE OFF (SA, RA, AND EA) 1/4 D BUT NOT LESS 6" 1/4 W BUT NOT LESS 6" TEE (FOR LOW PRESSURE SUPPLY AIR DUCTWORK ONLY) 15" MAX. FOR DIVERGING TRANSITION, 25" MAX. FOR CONVERGING TRANSITION - ECCENTRIC 15" MAX. FOR DIVERGING TRANSITION, 25" MAX. FOR CONVERGING TRANSITION - CONCENTRIC DUCT WITH FLOW DIRECTION ARROW LINE CONTINUATION BREAK (RECTANGULAR, ROUND) SUPPLY AIR (SA) OR OUTDOOR AIR (OA) DUCT UP SUPPLY AIR (SA) OR OUTDOOR AIR (OA) DUCT DOWN RETURN AIR (RA), RELIEF AIR OR TRANSFER AIR (TA) DUCT UP RETURN AIR (RA), RELIEF AIR OR TRANSFER AIR (TA) DUCT DOWN EXHAUST AIR (EA) DUCT UP EXHAUST AIR (EA) DUCT DOWN DUCT RISE/DROP W/ 90° ELBOWS (SUPPLY RECTANGULAR DUCT SHOWN) EITHER RADIUS OR SQUARE ELBOW (REFER TO SPECIFICATION FOR ADDITIONAL REQUIREMENTS) R=1.5W SQUARE ELBOW WITH TURNING VANES DUCT RISE (R) OR DROP (D) W/ 30° ELBOWS (RECTANGULAR DUCTS) THIS DUCT RUNS UNDERNEATH</p>	<p>MANUAL VOLUME DAMPER FIRE DAMPER SMOKE DAMPER COMBINATION FIRE/SMOKE DAMPER BACKDRAFT DAMPER MOTORIZED DAMPER AIR FLOW MEASURING STATION DUCT REHEAT COIL TEST HOLE ACCESS DOOR NEW TO EXISTING DUCT CONNECTION REMOVE EXISTING DUCTWORK FLEXIBLE DUCT POINT OF CHANGE IN DUCT CONSTRUCTION BY PRESSURE CLASS LINED DUCTWORK EQUIPMENT NAME AND NUMBER PLAN KEYED NOTE NUMBER REVISION NUMBER POINT OF CONNECTION (NEW TO EXISTING) POINT OF DISCONNECTION EXISTING PIPING, DUCTWORK, EQUIPMENT, DEVICES, ETC. TO BE DEMOLISHED EXISTING PIPING, DUCTWORK OR EQUIPMENT TO REMAIN NEW PIPING, DUCTWORK OR EQUIPMENT</p>
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DIFFUSER, GRILLE, AND REGISTER NOTATION

<p>DUCT SIZE IN INCHES (NET INSIDE DIMENSIONS) FIRST FIGURE: SIDE SHOWN SECOND FIGURE: SIDE NOT SHOWN (SEE SCHEDULE FOR NECK SIZE FOR CD'S) SUPPLY AIR DUCT (SA) EXHAUST AIR DUCT (EA) RETURN AIR DUCT (RA) TRANSFER AIR DUCT (TA) DIFFUSER AIR PATTERN 1 ARROW: 1 WAY 2 ARROWS: 2 WAY 3 ARROWS: 3 WAY NO ARROWS: 4 WAY 12" DIA. INDICATES ROUND DUCTWORK 12x12 DIA. INDICATES OVAL DUCTWORK</p>	<p>SQUARE/RECTANGULAR SUPPLY DIFFUSER, GRILLE OR REGISTER ROUND DIFFUSER RETURN REGISTER OR GRILLE (HORIZONTAL MOUNT) EXHAUST REGISTER OR GRILLE (HORIZONTAL MOUNT) SIDEWALL REGISTER OR GRILLE (DUCT MOUNT) SUPPLY REGISTER OR GRILLE (VERTICAL MOUNT) EXHAUST OR RETURN REGISTER OR GRILLE (VERTICAL MOUNT) DOOR TRANSFER GRILLE UNDERCUT DOOR</p>
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DAMPERS AND CONTROLS

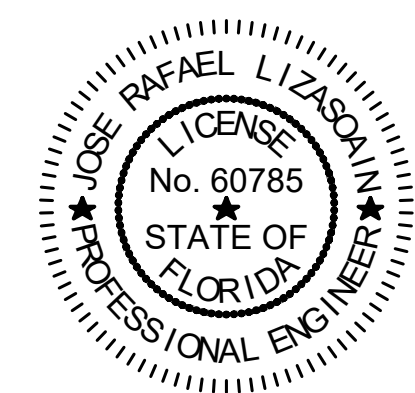
<p>MANUAL VOLUME DAMPER FIRE DAMPER SMOKE DAMPER COMBINATION FIRE/SMOKE DAMPER BACKDRAFT DAMPER MOTORIZED DAMPER</p>	<p>SPACE THERMOSTAT SPACE HUMIDISTAT NIGHT CYCLE CONTROL THERMOSTAT TEMPERATURE SENSOR HUMIDITY SENSOR PRESSURE SENSOR DUCT SMOKE DETECTOR STARTER SPEED SWITCH</p>
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DUCTWORK SPECIALTIES

<p>AIR FLOW MEASURING STATION DUCT REHEAT COIL TEST HOLE ACCESS DOOR NEW TO EXISTING DUCT CONNECTION REMOVE EXISTING DUCTWORK</p>	<p>FLEXIBLE DUCT POINT OF CHANGE IN DUCT CONSTRUCTION BY PRESSURE CLASS LINED DUCTWORK</p>
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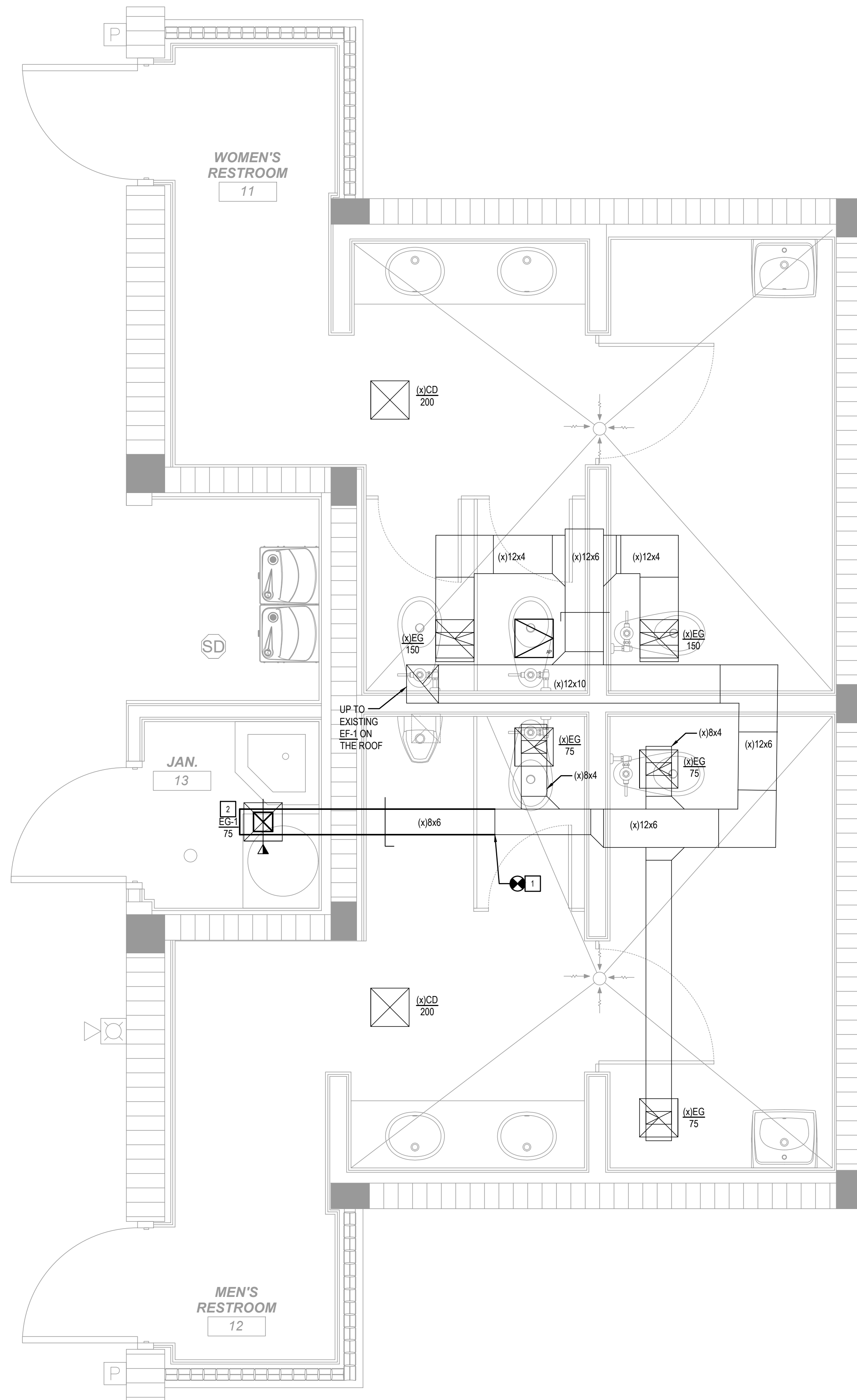
GENERAL SYMBOLS

<p>DETAIL REFERENCE TOP DESIGNATES DETAIL NUMBER BOTTOM DESIGNATES SHEET NUMBER SECTION REFERENCE TOP DESIGNATES SECTION NUMBER BOTTOM DESIGNATES SHEET NUMBER ELEVATION SYMBOL EXISTING PIPING, DUCTWORK, EQUIPMENT, DEVICES, ETC. TO BE DEMOLISHED EXISTING PIPING, DUCTWORK OR EQUIPMENT TO REMAIN NEW PIPING, DUCTWORK OR EQUIPMENT</p>	<p>EQUIPMENT NAME AND NUMBER PLAN KEYED NOTE NUMBER REVISION NUMBER POINT OF CONNECTION (NEW TO EXISTING) POINT OF DISCONNECTION EXISTING PIPING, DUCTWORK, EQUIPMENT, DEVICES, ETC. TO BE DEMOLISHED EXISTING PIPING, DUCTWORK OR EQUIPMENT TO REMAIN NEW PIPING, DUCTWORK OR EQUIPMENT</p>
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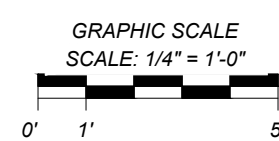


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REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #4270	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. AUDITORIUM RESTROOMS - MECHANICAL SYMBOL LEGEND, NOTES, ABBREVIATIONS, AND SCHEDULES AM-001
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID	
5/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE. MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01	



AUDITORIUM RESTROOMS -
MECHANICAL RENOVATION PLAN
1/2" = 1'-0"

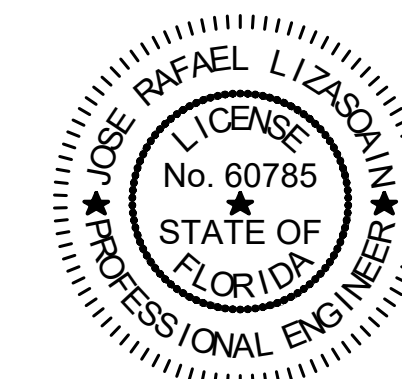


GENERAL NOTES:

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- b. ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND STANDARDS.
- c. PRIOR TO ANY UTILITY SHUT DOWN CONTRACTOR SHALL COORDINATE WITH OWNER. DO NOT SHUT DOWN ANY UTILITY WITHOUT OWNERS APPROVAL.
- d. ALL EQUIPMENT REMOVED SHALL REMAIN PROPERTY OF THE OWNER UNLESS OTHERWISE INSTRUCTED TO DISPOSE OF IT.
- e. NEW EXHAUST DUCTWORK SHALL BE ASTM 1527 G-90 26-GAUGE GALVANIZED SHEET METAL, CONSTRUCTED AND SUPPORTED PER SMACNA STANDARDS.
- f. PROVIDE TESTING AND BALANCING FOR EXISTING EXHAUST SYSTEM AND SUPPLY AIR SYSTEM AS SHOWN. CLEAN EXHAUST FAN AND PROVIDE NEW BELT.

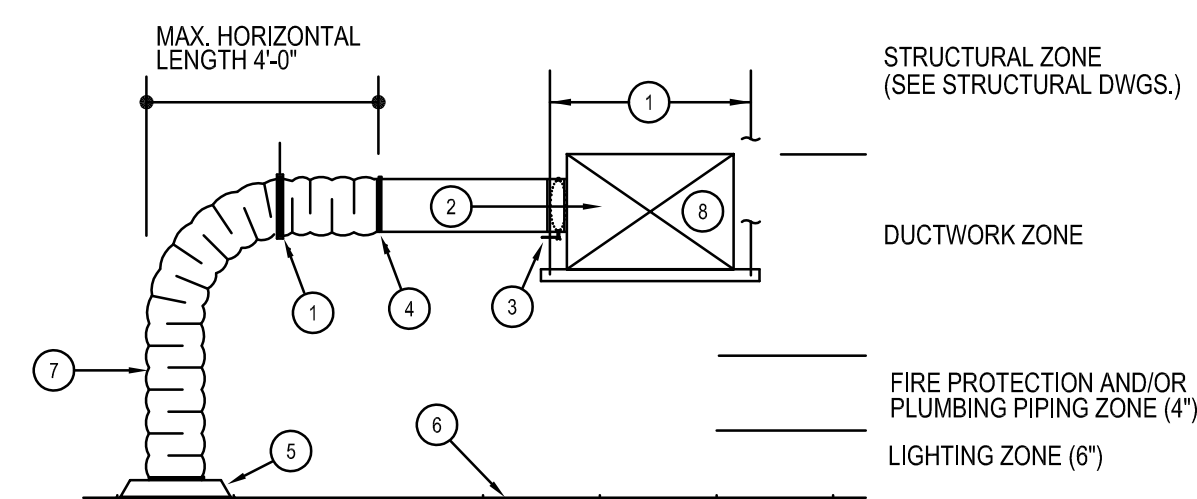
KEY NOTES:

1. EXTEND EXISTING DUCTWORK FROM THE POINT OF CONNECTION AS SHOWN.
2. PROVIDE NEW FIRE RATED EXHAUST GRILLE MODEL TITUS PAR (FR), OFF-WHITE, 6x6 NECK, ACCESSORIES FOR SURFACE MOUNT. COORDINATE WITH ARCHITECTURAL CEILING TYPE. PROVIDE CEILING RADIATION DAMPER WITH UL LISTING TO MEET OR EXCEED THE CEILING SYSTEM RATING. COORDINATE WITH CEILING TYPE. SEE ARCHITECTURAL PLANS FOR DETAILS. BALANCE TO AIRFLOW INDICATED.



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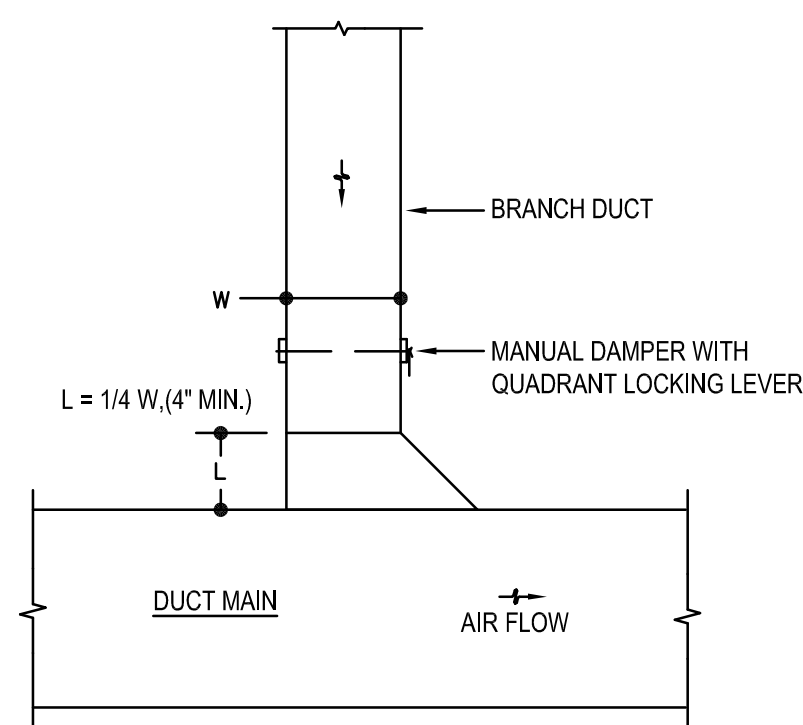
REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #4270	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - MECHANICAL RENOVATION PLAN	SHEET NO. AM-101
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
5/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		



- DUCT HANGERS TO BE SUPPORTED FROM STRUCTURE ABOVE. (SEE SPECIFICATIONS FOR METHODS AND MATERIALS)
- SUPPLY AIR DUCT (SEE SPECIFICATIONS FOR INSULATION & DUCT TYPES)
- SIDE TAKE-OFF WITH MANUAL VOLUME DAMPER.
- FLEXMASTER MODEL "STO". INSTALL NYLON DUCT CLAMPS ON BOTH INNER AND OUTER JACKETS (USE STEEL DUCT CLAMPS IF INSTALLED IN RETURN AIR PLENUM)
- SUPPLY AIR DIFFUSER (SEE AIR DISTRIBUTION SCHEDULE & PLANS FOR SIZE AND TYPE)
- CEILING (SEE ARCHITECTURAL PLANS FOR LAYOUT AND TYPE)
- UNINSULATED FLEXIBLE DUCT SHALL BE INSTALLED WITHOUT EXCESS SLACK (MAX. LENGTH OF FLEX DUCT SHALL NOT EXCEED 6" MORE THAN THE DISTANCE BETWEEN THE RIGID DUCT AND DIFFUSER)
- RIGID DUCT (SEE PLANS FOR SIZE)

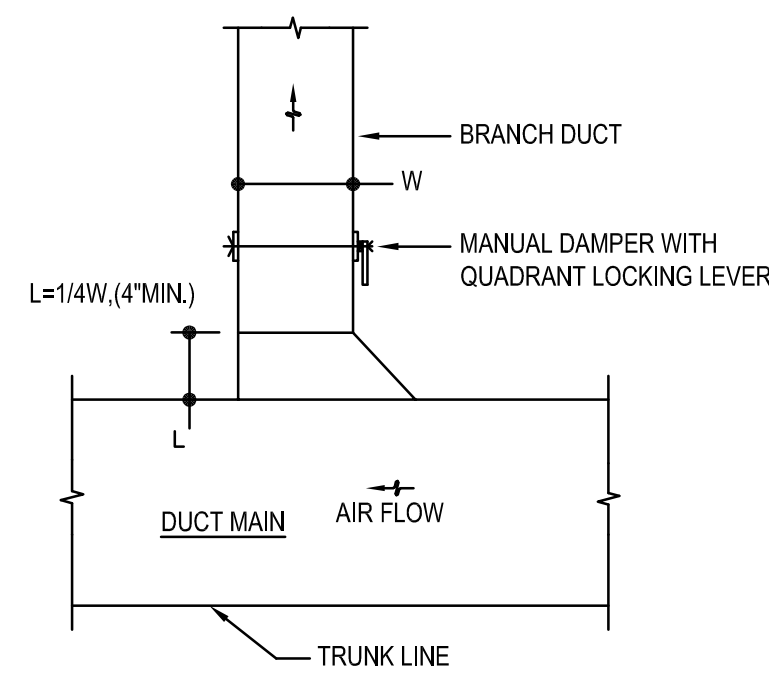
C1 FLEXIBLE DUCT CONNECTION

SCALE: N.T.S.



C2 DUCT RETURN/EXHAUST

SCALE: N.T.S.



C3 DUCT TAKEOFF

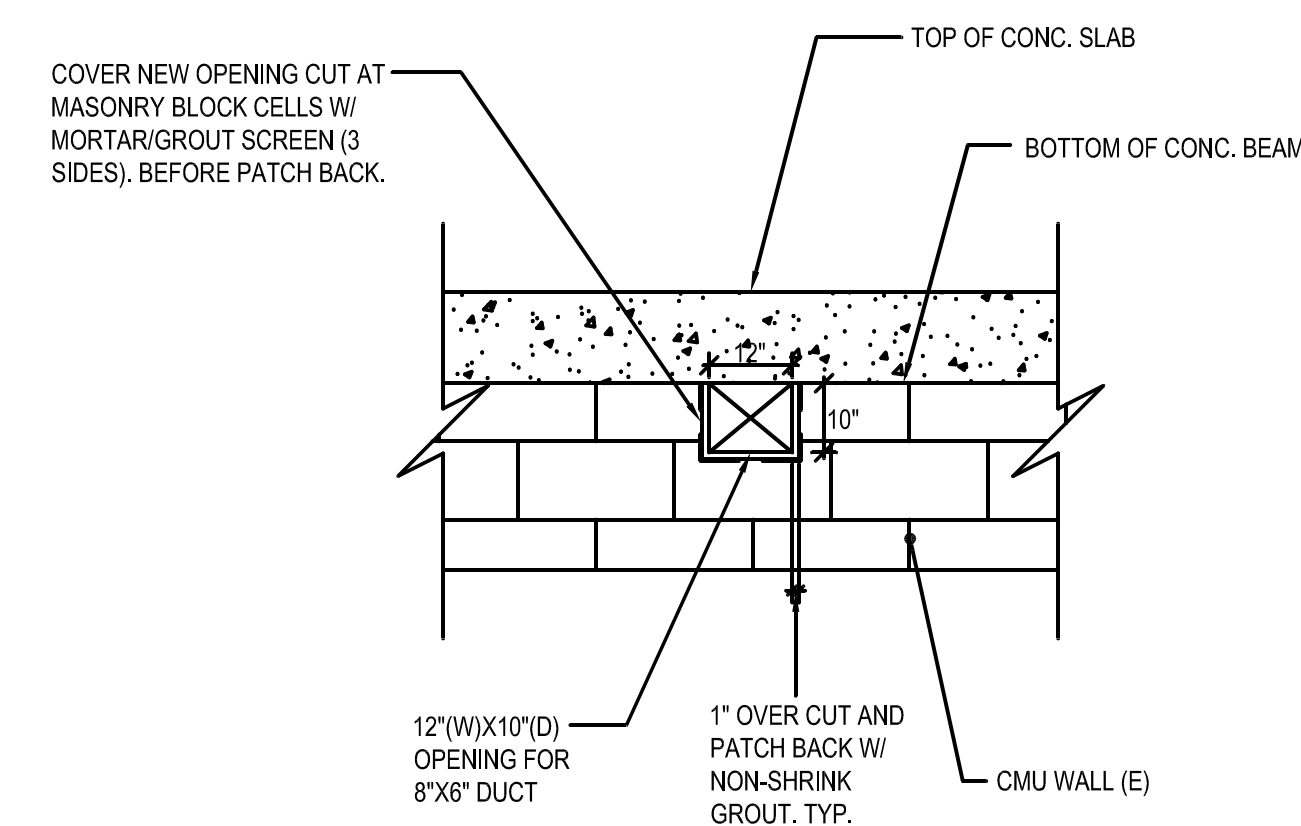
SCALE: N.T.S.

DUCTWORK NOTES

- ALL SUPPLY AIR DUCT BENDS FROM THE VERTICAL TO THE HORIZONTAL AND ANGLED TURNS OF DUCTWORK SHALL BE RADIUS ELBOWS. WHERE A RADIUS ELBOW WILL NOT FIT, ELBOW SHALL HAVE TURNING VANES INSTALLED.
- BEVELED TAKE-OFFS AND DAMPERS SHALL BE INSTALLED IN ALL BRANCH DUCTWORK LEADING FROM MAIN TRUNK LINES.
- DUCT SIZES SHOWN ARE MINIMUM INSIDE DIMENSIONS.
- EXHAUST FAN OUTLETS SHALL BE INSTALLED A MINIMUM OF 10'-0" FROM FRESH AIR INTAKES OF MECHANICAL EQUIPMENT.
- DUCT MOUNTED SMOKE DETECTORS SHALL BE FURNISHED AND POWERED BY DIV. 15 - ELECTRICAL AND MOUNTED IN DUCTWORK BY DIV. 15 - MECHANICAL.
- ANY SUPPLY AIR DUCT ON PLANS NOT INDICATED BY SIZE OR REQUIRING RESIZING DUE TO FIELD CONDITIONS SHALL BE SIZED BY CONTRACTOR PER THE TRANE 'DUCTULATOR' AT 0.06 INCHES STATIC PRESSURE. ANY RETURN, EXHAUST, VENTILATION OR TRANSFER AIR DUCT ON PLANS NOT INDICATED BY SIZE SHALL BE SIZED BY CONTRACTOR PER THE TRANE 'DUCTULATOR' AT 0.04 INCHES STATIC PRESSURE.
- ALL FIBROUS GLASS INSULATION JOINTS, SEAMS AND CONNECTIONS SHALL BE CONSTRUCTED WITH PRESSURE SENSITIVE TAPE, FAB AND STAPLES AND THEN SEALED WITH MASTIC. HEAT AND PRESSURE SENSITIVE TAPES ARE NOT ACCEPTABLE AS A FINAL CLOSURE.
- PROVIDE FIRE DAMPERS AT EACH FLOOR PENETRATION OF ALL SUPPLY, RETURN, EXHAUST AND VENTILATION DUCT RISERS.
- PROVIDE SMOKE DAMPERS AT EACH SMOKE WALL PENETRATION.
- PROVIDE RADIATION FIRE DAMPERS AT EACH SUPPLY, RETURN OR EXHAUST DROP THROUGH A FIRE RATED CEILING.
- DISCHARGE DUCT FROM IN-LINE EXHAUST FANS SHALL BE SEALED AIRTIGHT. SEAL WITH NON-HARDENING, NON-MIGRATING MASTIC OR LIQUID ELASTIC SEALANT DESIGNED FOR SEALING JOINTS AND SEAMS IN DUCTWORK.
- ACCESS DOORS IN WALLS, CEILINGS AND DUCTS SHALL BE PROVIDED FOR INSPECTION OF ALL FIRE, SMOKE AND FIRE/SMOKE DAMPERS. ACCESS DOORS SHALL BE OF A SIZE ADEQUATE FOR THE PURPOSE AND SHALL MAINTAIN ANY NECESSARY FIRE RATING.
- ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 3'-0" ABOVE GRADE AND ROOF DECK.
- MECHANICAL CONTRACTOR SHALL MAINTAIN 12" CLEAR BETWEEN DUCT AND FIRE AND SMOKE PARTITIONS.
- ALL PENETRATIONS, DUCT, PIPING AND CONTROL CONDUIT, IN FIRE AND SMOKE PARTITIONS SHALL BE PROPERLY SEALED AS PER DETAIL.
- ALL SUPPLY, RETURN AND EXHAUST DUCTWORK SHALL BE SHEETMETAL, EXTERNALLY WRAPPED, MIN. 26 GA., AND CONSTRUCTED IN STRICT ACCORDANCE WITH SMACNA STANDARDS.
- RADIATION, FIRE AND SMOKE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION AND NFPA. REFER TO ARCHITECTURAL DRAWINGS TO DETERMINE IF, AND WHERE FIRE AND/OR SMOKE SEPARATIONS ARE LOCATED.
- ALL DUCT PENETRATIONS THROUGH CORRIDOR WALLS AND FIRE RATED WALLS SHALL BE INSTALLED PER UL ASSEMBLY CAJ7051.

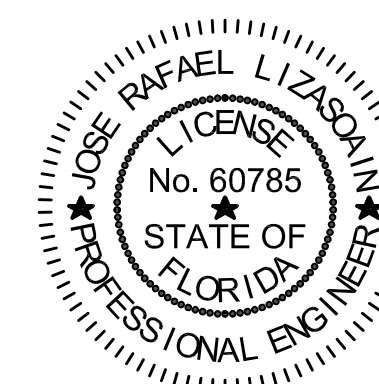
C5 DUCTWORK NOTES

SCALE: N.T.S.



B5 WALL OPENING DETAIL

SCALE: N.T.S.



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REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #4270	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - MECHANICAL DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
5/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		

ELECTRICAL SYMBOLS AND ABBREVIATIONS

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS INDICATED HERE ARE USED IN DRAWINGS AND MAY NOT APPLY TO CURRENT PROJECT. ADDITIONAL SYMBOLS MAY BE INDICATED ON DRAWINGS.

GENERAL ELECTRICAL NOTES:

- 1. IT IS THE INTENT OF THESE CONTRACT DRAWINGS TO PROVIDE A COMPLETE AND WORKABLE FACILITY.
2. DESIGN DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL OFFSETS, BENDS, ELBOWS, OR OTHER SPECIFIC ELEMENTS THAT MAY BE REQUIRED FOR PROPER INSTALLATION OF THE WORK. SUCH WORK SHALL BE VERIFIED AT THE SITE.
3. ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS:
3.1. FLORIDA BUILDING CODE 6TH EDITION - 2017
3.2. FLORIDA ENERGY CONSERVATION CODE 6TH EDITION - 2017
3.3. FLORIDA FIRE PREVENTION CODE 6TH EDITION
3.4. NATIONAL ELECTRICAL CODE - NFPA 70:2014
3.5. GENERAL ORDINANCE, CITY OF ORLANDO - CHAPTER 13, BUILDING CODE.
4. MATERIALS SHALL BE LISTED BY THE UNDERWRITER'S LABORATORIES, INC.
5. IN ACCORDANCE WITH NFPA 70, GROUND EXPOSED, NON CURRENT CARRYING METALLIC PARTS OF ELECTRICAL EQUIPMENT, METALLIC RACEWAY SYSTEMS, GROUNDING CONDUCTOR IN METALLIC RACEWAYS.
6. BONDING JUMPERS SHALL BE USED TO BOND CONDUIT TO ENCLOSURES, BOXES, AND EQUIPMENT WHERE CONCENTRIC OR ECCENTRIC KNOCKOUTS ARE USED.
7. THE INSTALLATION SHALL BE ACCOMPLISHED BY WORKERS SKILLED IN THIS TYPE OF WORK. THE INSTALLATION SHALL BE MADE SO THAT THERE IS NO DEGRADATION OF THE DESIGNED FIRE RATINGS.
8. THE CONTRACTOR SHALL INSTALL HIS WORK IN SUCH A MANNER AND AT SUCH A TIME AS WILL REQUIRE A MINIMUM OF CUTTING AND PATCHING OF THE BUILDING STRUCTURE.
9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING UTILITIES FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPAIR OR REPLACEMENT OF THE UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE COMPLETION OF THIS WORK.
10. ALL BOLTS, NUTS, WASHERS, ETC. USED FOR GROUNDING AND BONDING CONNECTIONS SHALL BE SILICON BRONZE. CONTRACTOR SHALL UTILIZE CONNECTORS TO PREVENT GALVANIC ACTION.
11. ALL EXPOSED ELECTRICAL CONDUIT VULNERABLE TO MECHANICAL DAMAGE SHALL BE RIGID GALVANIZED STEEL, UNLESS NOTED OTHERWISE. ALL OTHER CONDUIT INSIDE FACILITY SHALL BE ELECTRICAL METAL TUBE (EMT). CONDUITS SHALL BE SUPPORTED BY SUITABLE CLAMPS, HANGERS OR STRAPS TO PROVIDE A RIGID INSTALLATION.
12. CONDUIT SUPPORTS SHALL NOT BE FASTENED OR ATTACHED TO OTHER PIPES. PERFORATED STRAP HANGERS WILL NOT BE ALLOWED. EMPTY CONDUIT SHALL BE THOROUGHLY SWABBED OUT WITH DRY SWAB TO REMOVE MOISTURE AND DEBRIS BEFORE WIRE IS DRAWN IN. END OF CONDUIT SHALL BE TIGHTLY PLUGGED UNTIL WIRE IS PULLED. NO CONDUIT SHALL BE LOCATED TO IMPAIR THE STRENGTH OF STRUCTURAL MEMBERS. MAKE CHANGES IN DIRECTION OF RUNS WITH SYMMETRICAL BENDS. DO NOT INSTALL CRUSHED OR DEFORMED CONDUITS. AVOID TRAPPED CONDUITS. PREVENT FLASTER DIRT OR TRASH FROM LODGING IN CONDUIT, BOXES, FITTINGS. FREE CLOGGED CONDUITS OF OBSTRUCTIONS.
13. TRACE AND CONFIRM BRANCH CIRCUIT WIRE SIZE AND CIRCUIT BREAKER FEEDING EQUIPMENT AFFECTED BY THE SCOPE OF WORK.
14. ALL WORK SHALL COMPLY WITH CODES AND STANDARDS LISTED IN THE CONTRACT DOCUMENTS.
15. THE DRAWINGS ARE DIAGRAMMATIC AND THE OMISSION OF AN ITEM NECESSARY FOR THE PROPER FUNCTIONING OF THE SYSTEM DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING THAT ITEM.
16. NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS PRIOR TO PURCHASING EQUIPMENT AND PRIOR TO CUTTING OPENING.
17. PRIOR TO BID, COORDINATE ALL ELECTRICAL WORK WITH MECHANICAL WORK AND OTHER TRADES. SEE SCHEDULE.
18. CONTRACTOR SHALL NOT CONCEAL ANY WORK UNTIL INSPECTED BY ELECTRICAL INSPECTOR AND/OR ENGINEER. CONTRACTOR SHALL NOTIFY ENGINEER OF A SCHEDULED INSPECTION TIME WITHIN 72 HOURS. CONTRACTORS SHALL NOT CONCEAL WORK UNTIL APPROVED.
19. WHERE CROWDED LOCATIONS EXIST OR WHERE THERE IS A POSSIBILITY OF CONFLICT BETWEEN TRADES, CONTRACTOR SHALL MAKE COMPOSITE DRAWINGS SHOWING THE EXACT LOCATION OF DUCTS, CONDUIT AND EQUIPMENT. DRAWINGS SHALL BE BASED ON FIELD MEASUREMENTS AND, AFTER CONSULTATION AND AGREEMENT BETWEEN THE TRADES, SHALL BE APPROVED BY THE ENGINEER BEFORE INSTALLATION OF THE WORK.
20. ALL BARE METAL SURFACES SHALL BE PRIMED AND PAINTED TO PREVENT ANY RUST, INCLUDING BUT NOT LIMITED TO ANGLE FRAMING, EQUIPMENT SUPPORTS, MOUNTING HARDWARE, ETC.
21. ALL RACEWAYS SHALL HAVE A GREEN GROUNDING CONDUCTOR.
22. CONTRACTOR SHALL FIRESTOP ALL NEW AND EXISTING (WHERE APPLICABLE) ELECTRICAL PENETRATIONS IN FIRE RATED PARTITIONS (WALLS, FLOORS OR CEILINGS) WITH AN APPROVED FIRESTOP SYSTEM RATED FOR THE APPLICATION. FIRESTOP SYSTEM SHALL BE UL LISTED AND INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
23. VISIT AND CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDINGS AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSALS SO AS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL EFFECT EXECUTION OF THE WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.
24. CAREFULLY REVIEW MECHANICAL DRAWINGS TO IDENTIFY PROPOSED ROUTING OF HVAC WORK. THE ELECTRICAL CONTRACTOR SHALL INCLUDE IN HIS BID, THE RELOCATION OF ALL EXISTING ELECTRICAL CONDUITS, WIRING, AND BOXES AS REQUIRED TO ACCOMMODATE THE INSTALLATION OF HVAC WORK AND FIELD CONDITIONS. WHERE THE SPACE THROUGH WHICH HVAC WORK IS TO BE INSTALLED CONTAINS EXISTING CONDUIT, WIRE AND/OR BOXES THE EC SHALL RELOCATE BY INTERCEPTING AND EXTENDING THE EXISTING CONDUIT AND WIRE, AND RELOCATING JUNCTION BOXES SO THE REQUIRED NEC ACCESS AND CLEARANCE IS PROVIDED AFTER THE HVAC WORK HAS BEEN INSTALLED.
25. THE EXISTING CONDUIT SYSTEM MAY BE RETAINED FOR WORK SHOWN ON THESE DRAWINGS, WHERE EXISTING CONDUIT IS REUSED, ITS MATERIALS AND METHODS OF INSTALLATION WHEN THE PROJECT IS COMPLETE, SHALL CONFORM TO THE SPECIFICATIONS AS IF IT WERE NEW. ALL COUPLINGS AND CONDUCTORS SHALL BE TIGHTENED.
26. ALL DEBRIS SHALL BE REMOVED FROM THE SITE DAILY TO AN APPROVED DUMPING FACILITY WHICH MEETS FEDERAL AND LOCAL REQUIREMENTS, NO BURNING ON SITE WILL BE ALLOWED. OWNERS' DUMPSTERS SHALL NOT BE USED.
27. WHERE CUTTING CORING OR REMOVAL OF CONDUITS, BOXES OR ANY ELECTRICAL ITEM IS REQUIRED, THE FINISHED SURFACE SHALL BE PATCHED AND PAINTED SO THAT NO EVIDENCE OF THE FORMER INSTALLATION REMAINS.
28. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL ELECTRICAL EQUIPMENT AND DEVICES INDICATED ON THE CONTRACT DOCUMENTS TO BE REMOVED. ALL ITEMS NOT CLAIMED BY THE OWNER SHALL BE REMOVED FROM THE JOB SITE BY THIS CONTRACTOR AND PROPERLY DISPOSED OF.
29. ALL RACEWAY TERMINATIONS SHALL HAVE BUSHINGS AND BE GROUNDED WHERE RACEWAY IS METAL.
30. COORDINATE ALL MECHANICAL LOADS, VOLTAGES AND LOCATIONS WITH MECHANICAL CONTRACTOR.
31. ALL POWER AND FIRE ALARM WIRING SHALL BE CONCEALED WHERE PRACTICAL. SURFACE MOUNTED RACEWAY SHALL BE WIREMOLU (OR EQUIVALENT) METALLIC SURFACE RACEWAY. CONTRACTOR SHALL PROVIDE AND INSTALL ALL RACEWAY, BOXES, AND FITTINGS REQUIRED FOR A COMPLETE INSTALLATION. CABLING IN NON-PUBLIC AREAS MAY BE IN EMT.
32. ELECTRICAL OUTLETS OR BOXES SHALL NOT REDUCE THE FIRE RESISTANT RATING OF FIRE RESISTANT RATED WALL(S), AND SHALL COMPLY WITH 713.3.2, FBC 2010 REQUIREMENTS.
33. GFCI WEATHER PROOF RECEPTACLES SHALL HAVE ENCLOSURE THAT IS WEATHER PROOF WHILE IN USE.
34. COORDINATE WITH THE GENERAL CONTRACTOR SO THAT OCCUPIED BUILDINGS OR PORTIONS OF BUILDINGS ARE NEVER WITHOUT FIRE ALARM PROTECTION THROUGHOUT ALL PHASES OF CONSTRUCTION.
35. ALL WORK SHALL BE CONSTRUCTED TO MEET THE PHASING REQUIREMENTS OF THE PROJECT AS OUTLINED IN THE DRAWINGS, SPECIFICATIONS AND PER DIVISION 1 OF THE SPECIFICATIONS.
36. PRIOR TO BID, CHECK LEAD TIMES OF ALL EQUIPMENT IN THE PROJECT. IF NECESSARY TO MEET THE PROJECT SCHEDULE, BID SHALL INCLUDE THE COST OF QUICK SHIP PREMIUMS, ALLOW TIME FOR NORMAL SHOP DRAWING PREPARATION AND REVIEW.
37. VERIFY MOUNTING HEIGHTS OF ALL DEVICES PRIOR TO INSTALLATION. MOUNTING HEIGHTS NOT SHOWN ON THESE PLANS.
38. DUPLEX RECEPTACLES IN EVERY OFFICE SHALL COMPLY WITH ASHRAE 90.1-4.4.2. HALF OF ALL RECEPTACLES SHALL BE CONTROLLED BY RELAY IN OCCUPANCY SENSOR SWITCH AND SHALL BE TURNED OFF 30 MINUTES AFTER ROOM IS VACATED.
39. COLOR CODING:
A. BRANCH CIRCUIT AND FEEDERS:
PHASE A BLACK
PHASE B RED
PHASE C BLUE
NEUTRAL WHITE
GROUND GREEN
B. THE ABOVE COLORS SHALL BE USED UNLESS REQUIREMENTS OF CODE REQUIRE DIFFERENT COLORS.

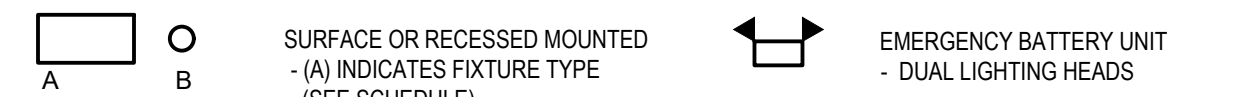
ELECTRICAL ABBREVIATIONS

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes items like 1P - ONE POLE, DWG - DRAWING, # - NUMBER, etc.

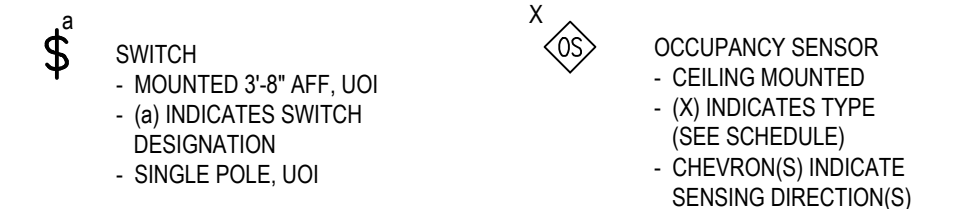
CONDUCTORS AND WIRING

Table showing symbols for overhead power conductor, underground power conductor, overhead lighting conductor, underground lighting conductor, overhead telecommunication cable, underground telecommunication cable, overhead fiber optic cable, and underground fiber optic cable.

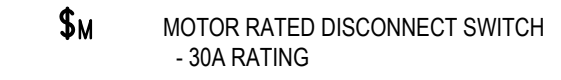
LIGHTING FIXTURES



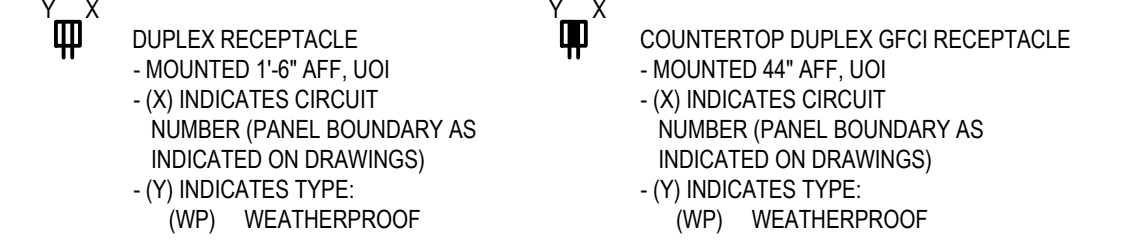
LIGHTING CONTROL



MOTOR STARTERS AND DISCONNECTS



WIRING DEVICES



FIRE ALARM



LINETYPE LEGEND

Table explaining different linetypes used in drawings: solid lines for existing, dashed for demolition, thick solid for proposed, and thin dashed for future.

FBCEC COMMISSIONING REQUIREMENTS

OPERATION AND MAINTENANCE MANUALS: PROVIDE MAINTENANCE MANUALS CONTAINING PRODUCT DATA, SHOP DRAWINGS, WIRING DIAGRAMS, INSTRUCTIONS, AND PARTS FOR MAINTAINING AND OPERATING ELECTRICAL SYSTEMS AND EQUIPMENT.
REQUIREMENTS OF FLORIDA BUILDING CODE ENERGY CODE:
C408.3 LIGHTING SYSTEM FUNCTIONAL TESTING: CONTROLS FOR AUTOMATIC LIGHTING SYSTEMS SHALL COMPLY WITH SECTION C408.3
C408.3.1 FUNCTIONAL TESTING
TESTING SHALL ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURERS INSTALLATION INSTRUCTIONS.

LIGHTING FIXTURE SCHEDULE

Table with columns: TYPE, DESCRIPTION, MANUFACTURER, MODEL NUMBER, MOUNTING, VOLTAGE, WATTAGE, LUMENS, LAMP. Includes items A, B, C, EM.

NOTE: LIGHTING FIXTURE TYPES SHALL BE FURNISHED AS SHOWN ABOVE. THE CATALOG NUMBERS ARE GIVEN AS A GUIDE TO THE DESIGN AND QUALITY OF FIXTURE DESIRED. EQUIVALENT DESIGNS AND EQUAL QUALITY FIXTURES OF OTHER MANUFACTURERS WILL BE ACCEPTABLE UPON WRITTEN APPROVAL BY THE ENGINEER.

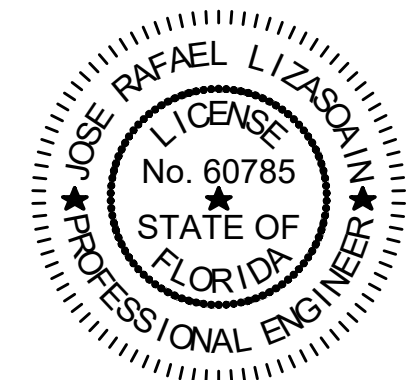
Complex table for electrical load calculations including section 1 circuit descriptions, load phases, circuit breakers, and a summary table for total connected and demand loads.

LOAD CALCULATIONS:

Table showing existing and final new load calculations in VA and AMPS.

ELECTRICAL DRAWING INDEX

Table with columns: SHEET, DESCRIPTION. Lists sheets AE-001, AE-101, AE-102.



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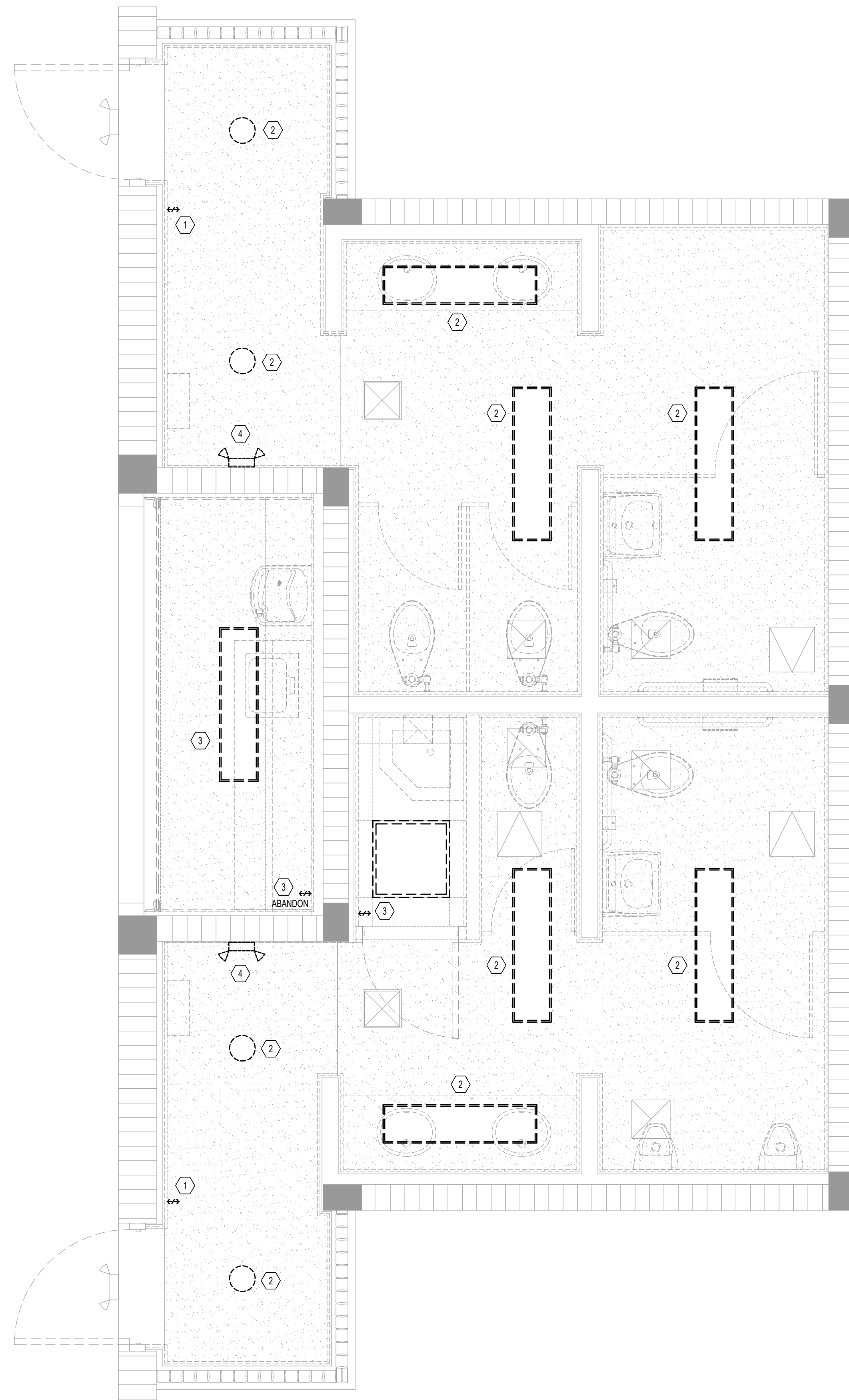
Project information table including date (5/31/2019), description (100% CONSTRUCTION DOCUMENTS), engineer (JOSE R. LIZASOAIN), address (1000 NW111 AVE., MIAMI, FL 33172), county (MIAMI-DADE), and sheet number (AE-001).

DEMO GENERAL NOTES:

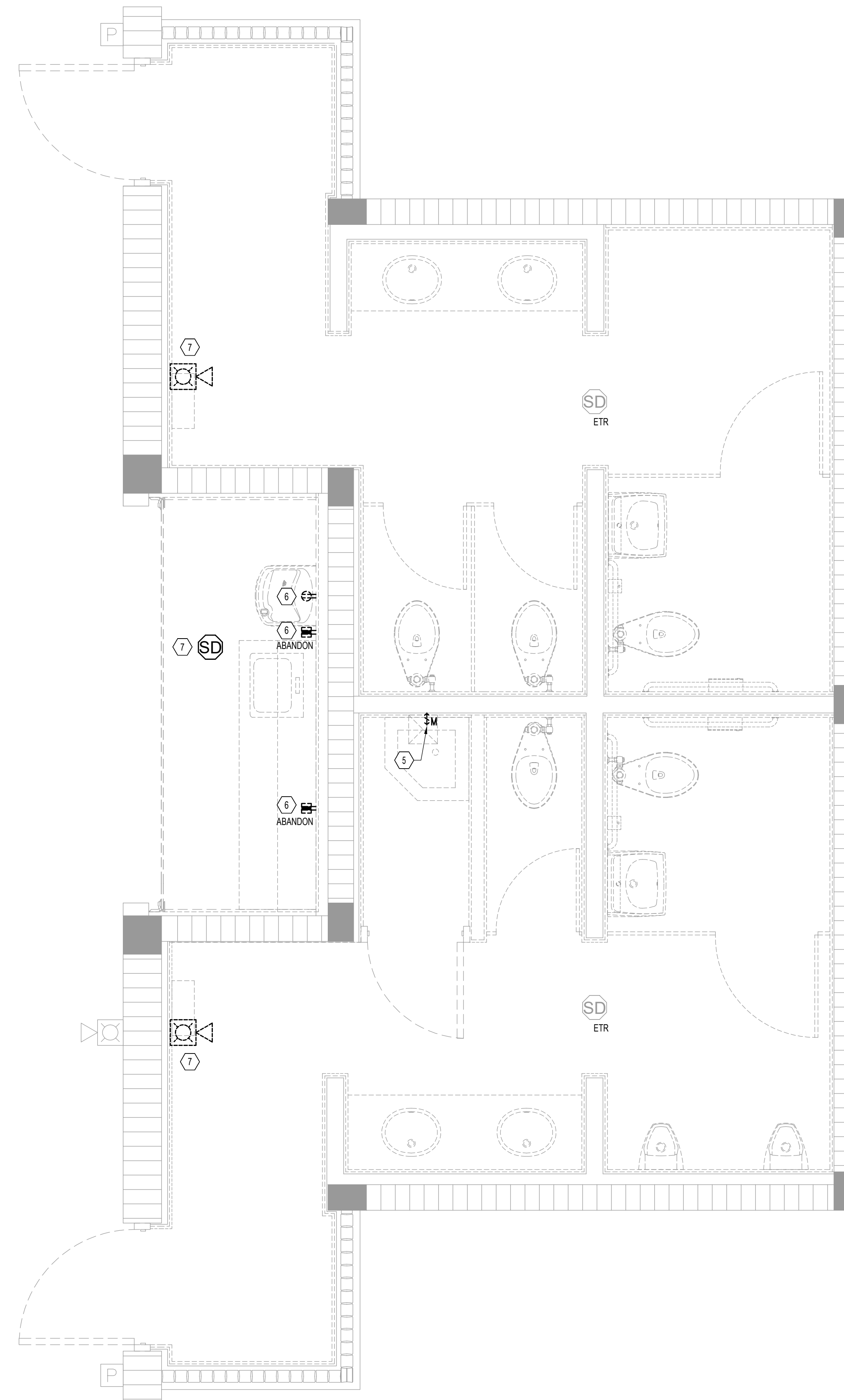
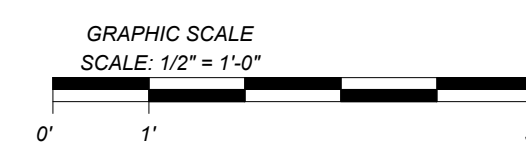
- ALL DEVICES SHOWN ON THE DEMO PLAN ARE EXISTING. REFER TO SYMBOL LEGEND FOR DEVICE DESCRIPTION.
- EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
- THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES WITHIN THE PROJECT AREA. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF THE EXISTING CONDITIONS WITHIN THE PROJECT AREA. ANY DISCREPANCIES OR CONDITIONS NOT SHOWN ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
- ALL CONDUITS SERVING OTHER SPACES OR FLOORS, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA ARE PROPERLY SUPPORTED AND PROVIDED W/ BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
- THIS CONTRACTOR SHALL PROVIDE ELECTRICAL FOR PHASING WORK AS REQUIRED OR DIRECTED BY THE ARCHITECT. REFER TO ARCHITECTURAL PHASING PLAN. TEMPORARY ELECTRICAL SERVICES (POWER, LIGHTING, FIRE ALARM, ETC.) SHALL BE PROVIDED WHEN NEW WORK AFFECTS SERVICES NEEDING TO REMAIN ACTIVE. IF FIRE ALARM SYSTEM CANNOT BE MAINTAINED IN THE CONSTRUCTION AREA, A FIRE WATCH SHALL BE PROVIDED.
- 'ETR' DENOTES EXISTING ELECTRICAL DEVICE TO REMAIN.

DEMO PLAN NOTES:

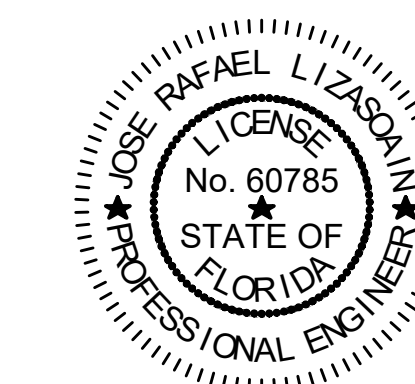
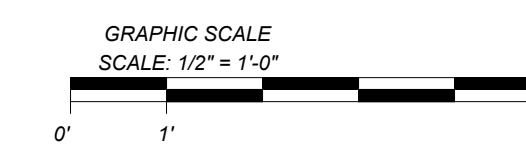
- REMOVE EXISTING SWITCH AND WIRING BACK TO NEAREST JUNCTION BOX TO REMAIN. DISCARD EXISTING SWITCH AND WIRING. EXISTING SWITCH LOCATION TO BE REUSED FOR NEW SWITCH TO BE INSTALLED DURING RENOVATION PHASE.
- REMOVE EXISTING LIGHTING FIXTURE FROM EXISTING CIRCUIT. DISCARD EXISTING LIGHT FIXTURE. EXISTING CIRCUIT AND LOCATION TO BE REUSED FOR NEW LIGHT FIXTURE TO BE INSTALLED DURING RENOVATION PHASE.
- REMOVE EXISTING LIGHTING FIXTURE, ASSOCIATING LIGHT FIXTURE, SWITCH, CONDUIT, AND WIRING FROM EXISTING CIRCUIT. DISCARD EXISTING LIGHT FIXTURE, SWITCH, CONDUIT, AND WIRING. ABANDON EXISTING SWITCH LOCATION. EXISTING CIRCUIT TO BE REUSED FOR NEW LIGHT FIXTURE TO BE INSTALLED DURING RENOVATION PHASE.
- REMOVE EXISTING EMERGENCY LIGHTING FIXTURE FROM EXISTING CIRCUIT. DISCARD EXISTING EMERGENCY LIGHT FIXTURE. EXISTING CIRCUIT AND LOCATION TO BE REUSED FOR NEW EMERGENCY LIGHT FIXTURE TO BE INSTALLED DURING RENOVATION PHASE.
- REMOVE EXISTING DISCONNECT SWITCH AND PROVIDE COVER FOR JUNCTION BOX. EXISTING CIRCUIT TO BE REUSED FOR NEW WATER HEATER TO BE INSTALLED DURING RENOVATION PHASE. REFER TO PLUMBING DRAWING AP-101.
- REMOVE EXISTING RECEPTACLE FROM EXISTING CIRCUIT. DISCARD EXISTING RECEPTACLE. EXISTING CIRCUIT TO BE REUSED FOR NEW RECEPTACLE TO BE INSTALLED DURING RENOVATION PHASE. PROVIDE COVER FOR JUNCTION BOX LOCATIONS SHOWN TO BE ABANDONED.
- REMOVE EXISTING FIRE ALARM DEVICE FROM EXISTING FIRE ALARM CIRCUIT. DISCARD EXISTING FIRE ALARM DEVICE. EXISTING FIRE ALARM CIRCUIT AND LOCATION TO BE REUSED FOR NEW FIRE ALARM DEVICE TO BE INSTALLED DURING RENOVATION PHASE.



① AUDITORIUM RESTROOMS - LIGHTING DEMOLITION PLAN
1/2" = 1'-0"

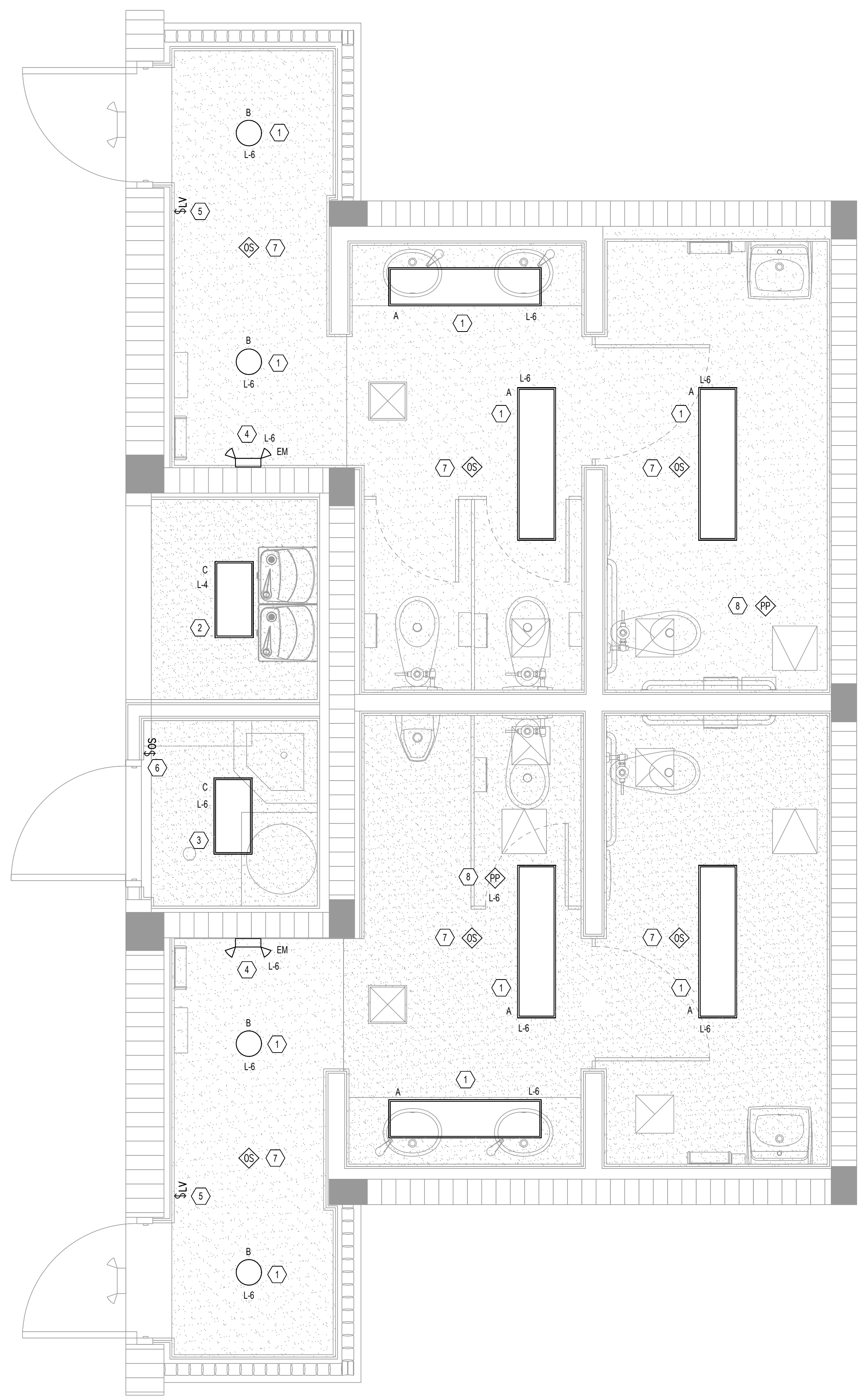


② AUDITORIUM RESTROOMS - POWER DEMOLITION PLAN
1/2" = 1'-0"

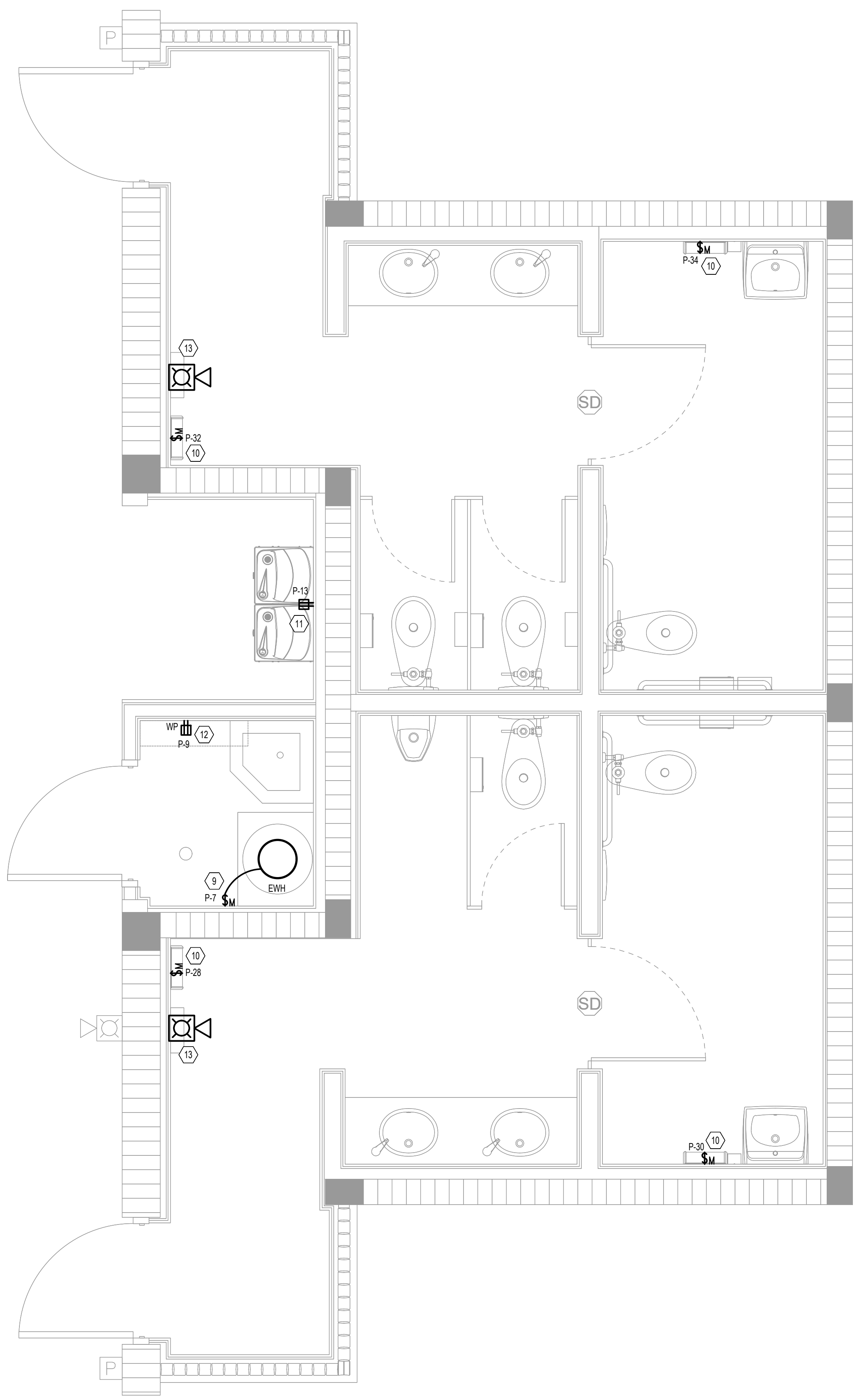


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REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #4270	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - ELECTRICAL DEMOLITION PLANS	SHEET NO. DE-101
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
5/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		



1 AUDITORIUM RESTROOMS - LIGHTING RENOVATION PLAN
1/2" = 1'-0"



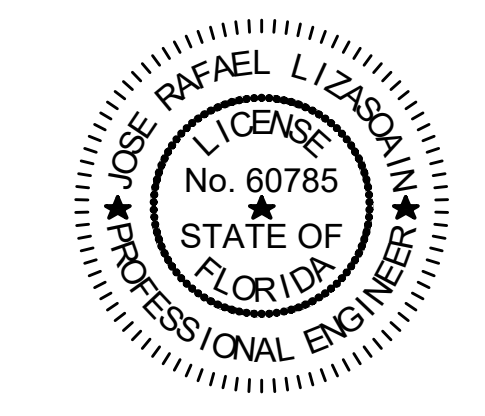
2 AUDITORIUM RESTROOMS - POWER RENOVATION PLAN
1/2" = 1'-0"

GENERAL NOTES:

1. THE ELECTRICAL INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2017 AND THE NATIONAL ELECTRIC CODE 2014.
2. ALL GROUNDING ELECTRODE SYSTEMS SHALL BE INTERCONNECTED PER NEC ARTICLE 250.52.
3. ALL WIRING SHALL BE IN CONDUIT. CONDUIT SIZE IS 3/4" MINIMUM UNLESS OTHERWISE NOTED. MC CABLE IS ALLOWED, HOWEVER ALL HOMERUNS SHALL BE IN CONDUIT. WHERE MC CABLE IS PROVIDED, THE CONDUIT SIZE IS IGNORED. ENT IS NOT PERMITTED. PVC IS ACCEPTABLE WHERE ALLOWED BY CODE. CONTRACTOR MAY USE EMT, GRS OR IMC AS ALLOWED BY CODE.
4. WIRE SIZE SHALL BE MINIMUM #12 AWG, THWN SOLID COPPER UNLESS OTHERWISE NOTED. PROVIDE GROUND WIRE IN ALL CIRCUITS.
5. VOLTAGE DROP IN ACCORDANCE WITH FLORIDA BUILDING CODE 6TH EDITION (2017) ENERGY CONSERVATION CODE CHAPTER 4, SECTION C405.6.3 HAS TAKEN IN ACCOUNT FOR THIS PROJECT. INCREASE WIRE SIZE TO COMPENSATE FOR VOLTAGE DROP WHERE TOTAL LENGTH OF ANY BRANCH EXCEEDS 100 FEET.
6. MULTIPLE BRANCH CIRCUITS SHALL NOT HAVE A SHARED NEUTRAL CONDUCTOR.
7. WORKING CLEARANCES SHALL BE MAINTAINED FOR ALL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC ARTICLE 110.26.
8. WHERE PENETRATING A FIRE RATED WALL ASSEMBLY FOR WIRING, UTILIZE A UL LISTED FIRE-RATED ASSEMBLY, SIZED FOR THE CONDUIT MAKING THE PENETRATION, RATED FOR THE TYPE OF MATERIAL PENETRATING THE ASSEMBLY AND THE MATERIAL BEING PENETRATED, AND POSSESSING THE FIRE RATING OF THE ORIGINAL WALL ASSEMBLY. PENETRATION SHALL BE BY USG OR APPROVED OTHER.
9. REFER TO HVAC WIRING DIAGRAMS AND SCHEDULES FOR CIRCUIT REQUIREMENTS OF HVAC EQUIPMENT.

PLAN NOTES:

1. INSTALL AND CONNECT NEW LIGHT FIXTURE AT EXISTING LOCATION AND TO EXISTING CIRCUIT WIRING VACATED DURING DEMOLITION PHASE. MODIFY WIRING TO ACCOMMODATE POWER PACK AS NECESSARY.
2. INSTALL NEW LIGHT FIXTURE AT LOCATION SHOWN. CONNECT TO EXISTING CORRIDOR LIGHTING CIRCUIT AND SWITCHING AS INDICATED. INTERCEPT AND EXTEND EXISTING CONDUIT AND WIRING AS NECESSARY.
3. INTERCEPT AND EXTEND CIRCUIT CONDUIT AND WIRING VACATED DURING DEMOLITION PHASE FROM LOCATION IN DEMOLISHED JANITOR'S CLOSET TO NEW LOCATION SHOWN. MATCH EXISTING CONDUIT AND WIRING SIZE AND TYPE.
4. INSTALL AND CONNECT NEW EMERGENCY LIGHT FIXTURE AT EXISTING LOCATION AND TO EXISTING CIRCUIT WIRING VACATED DURING DEMOLITION PHASE.
5. WALL MOUNTED LOW VOLTAGE (LV) SWITCHES SHALL BE TYPE P-00M, BY nLIGHT (ACUTY) OR APPROVED EQUAL. REFER TO MANUFACTURER'S WIRING DIAGRAM FOR CAT5e CABLE BETWEEN LOW VOLTAGE SWITCH AND ASSOCIATED POWER PACK. INTERCEPT AND EXTEND CONDUIT AS NECESSARY. PROVIDE ALL CAT5e CABLE AS REQUIRED FOR A COMPLETE INSTALLATION.
6. WALL MOUNTED OCCUPANCY SENSOR SWITCHES ("SSs") SHALL BE TYPE WSX PDT WH, 120/277VAC RATED, BY SENSOR SWITCH (ACUTY CONTROLS) OR APPROVED EQUAL. OPERATING MODE SHALL BE AUTO/ON/AUTO-OFF.
7. LOW VOLTAGE CEILING OCCUPANCY SENSORS ("OS") SHALL BE TYPE nCM PDT 9 RUB, BY nLIGHT (ACUTY) OR APPROVED EQUAL. REFER TO MANUFACTURER'S WIRING DIAGRAM FOR CAT5e CABLE BETWEEN LOW VOLTAGE COMPONENTS AND THE POWER PACK. PROVIDE ALL CAT5e CABLE AS REQUIRED FOR A COMPLETE INSTALLATION.
8. POWER PACK ("PP") FOR LOW VOLTAGE CEILING OCCUPANCY SENSORS SHALL BE TYPE nPP16, 120/277V RATED, BY nLIGHT (ACUTY) OR APPROVED EQUAL. MOUNT POWER PACK ABOVE ACCESSIBLE CEILING. PROVIDE TWO ADJACENT DEEP JUNCTION BOXES, ONE TO HOUSE THE POWER PACK, AND THE OTHER FOR THE WIRING TERMINATIONS. REFER TO MANUFACTURER'S WIRING DIAGRAM. INTERCEPT AND EXTEND CONDUIT AND WIRING AS NECESSARY. MATCH EXISTING CONDUIT AND WIRING. PROVIDE ALL CAT5e CABLE AND 0-10V WIRING BETWEEN LOW VOLTAGE COMPONENTS AS REQUIRED FOR A COMPLETE INSTALLATION.
9. PROVIDE A 30A 120V SINGLE POLE MOTOR-RATED SWITCH IN LOCKABLE NEMA 1 ENCLOSURE WALL MOUNTED NEXT TO THE WATER HEATER TO ACT AS A DISCONNECTING MEANS. USE FMC CONDUIT TO CONNECT DISCONNECT TO WATER HEATER. PROVIDE NAMEPLATE WITH LABEL "WATER HEATER DISCONNECT".
10. PROVIDE A 30A 120V SINGLE POLE MOTOR-RATED SWITCH IN LOCKABLE NEMA 1 ENCLOSURE WALL MOUNTED ABOVE THE HAND DRYER AT 6'-6" AFF (TO MIDDLE OF ENCLOSURE) TO ACT AS A DISCONNECTING MEANS. CONCEAL CONDUIT TO DISCONNECT AND FROM DISCONNECT TO HAND DRYER WITHIN THE WALL. PROVIDE NAMEPLATE WITH LABEL "HAND DRYER DISCONNECT".
11. PROVIDE NEW GFCI DUPLEX RECEPTACLE IN EXISTING RECEPTACLE LOCATION VACATED DURING DEMOLITION PHASE. CONNECT TO EXISTING CIRCUIT WIRING FOR ELECTRIC WATER COOLER.
12. PROVIDE NEW GFCI DUPLEX RECEPTACLE IN WATERPROOF IN-USE ENCLOSURE AT LOCATION SHOWN. CONNECT TO COUNTERTOP RECEPTACLE CIRCUIT VACATED DURING DEMOLITION PHASE.
13. PROVIDE NEW FIRE ALARM HORN/STROBE DEVICE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. MATCH EXISTING STROBE CANDELA RATING (75cd).



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REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #4270	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - ELECTRICAL RENOVATION PLANS	SHEET NO. AE-101
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
5/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		

PLUMBING SYMBOLS, ABBREVIATIONS, SCHEDULES & SHEET INDEX

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS INDICATED HERE ARE USED IN THE DRAWINGS AND MAY NOT APPLY TO THIS PROJECT. ADDITIONAL SYMBOLS MAY BE INDICATED IN THE DRAWINGS.

PLUMBING ABBREVIATIONS

AFF - ABOVE FINISHED FLOOR	MBH - THOUSANDS OF BTU PER HOUR	MC - MECHANICAL CONTRACTOR
AP - ACCESS PANEL	MEP - MECHANICAL, ELECTRICAL AND PIPING	MFR - MANUFACTURER
APPROX - APPROXIMATELY	MIN - MINIMUM	MISC - MISCELLANEOUS
ARCH - ARCHITECTURAL	MTD - MOUNTED	MTG - MOUNTING
AVG - AVERAGE	NA - NOT APPLICABLE	NIC - NOT IN CONTRACT
BLDG - BUILDING	NO - NUMBER	NPS - NOMINAL PIPE SIZE
BOT - BOTTOM	NTS - NOT TO SCALE	
BOP - BOTTOM OF PIPE		
BT - BATHTUB		
BTU - BRITISH THERMAL UNITS		
BTUH - BRITISH THERMAL UNITS PER HOUR		
BV - BALANCING VALVE		
CAP - CEILING ACCESS PANEL	OC - ON CENTER	OD - OUTSIDE DIAMETER
CFH - CUBIC FEET PER HOUR	OFPI - OWNER FURNISHED, CONTRACTOR INSTALLED	OFDI - OWNER FURNISHED, OWNER INSTALLED
CFM - CUBIC FEET PER MINUTE		
CLG - CEILING	PC - PLUMBING CONTRACTOR	PCF - POUNDS PER CUBIC FOOT
CO - CLEANOUT	PD - PRESSURE DROP	PH - PHASE
COND - CONDUCTOR	PLBG - PLUMBING	POC - POINT OF CONNECTION
CONT - CONTRACTOR	PP - POLYPROPYLENE	PPH - POUNDS PER HOUR
CTR - CENTER	PRV - PRESSURE RELIEF VALVE	PSF - POUNDS PER SQUARE FOOT
CU - COPPER	PSI - POUNDS PER SQUARE INCH	PSIA - POUNDS PER SQUARE INCH ABSOLUTE
CV - CHECK VALVE	PSIG - POUNDS PER SQUARE INCH GAUGE	PVC - POLYVINYL CHLORIDE
CW - COLD WATER		
CWFU - WATER FIXTURE UNITS		
DET - DETAIL	RD - ROOF DRAIN	REC - RECESSED
DFU - DRAINAGE FIXTURE UNITS	RF - ROOF	RI - ROUGH-IN
DIA - DIAMETER	RPZ - REDUCED PRESSURE ZONE VALVE	RV - RELIEF VALVE
DIM - DIMENSION	S - SLOPE	SCH - SCHEDULE
DN - DOWN	SH - SHOWER	SHT - SHEET
DWG - DRAWING	SOG - SLAB ON GRADE	SPEC - SPECIFICATION
E - EXISTING	SQL - SQUARE	SS - SERVICE SINK
ELEV - ELEVATION	SSS - STAINLESS STEEL	STD - STANDARD
EM - EMERGENCY	T&P - TEMPERATURE AND PRESSURE	TBR - TO BE REMOVED
EQUIP - EQUIPMENT	TD - TRENCH DRAIN	TDFU - TOTAL DRAIN FIXTURE UNITS
ET - EXPANSION TANK	TEMP - TEMPERATURE	TOP - TOP OF PIPE
ETR - EXISTING TO REMAIN	TOP - TOP OF PIPE	TOS - TOP OF SLAB
EW - ELECTRIC WATER HEATER	T STAT - THERMOSTAT	TW - TOTAL WATER FIXTURE UNITS
EXST - EXISTING	TWU - TOTAL WATER FIXTURE UNITS	TYP - TYPICAL
F - FUTURE	UNO - UNLESS OTHERWISE NOTED	
FCO - FLOOR CLEANOUT	V - VENT	
FD - FLOOR DRAIN	VB - VACUUM BREAKER	
FDD - FIRE DEPARTMENT CONNECTION	VTR - VENT THRU ROOF	
FFE - FINISHED FLOOR ELEVATION	W - WASTE	
FLR - FLOOR	W - WITH	
FP - FIREPROOF	W/O - WITHOUT	
FPM - FEET PER MINUTE	WHA - WATER HAMMER ARRESTOR	
FPS - FEET PER SECOND	WCO - WALL CLEANOUT	
FS - FLOOR SINK	WC - WATER CLOSET	
FT - FEET	WF - WASH FOUNTAIN	
FTG - FOOTING	WH - WATER HEATER	
FU - FIXTURE UNITS	WM - WASHING MACHINE	
G - GAS	WSFU - WATER SUPPLY FIXTURE UNITS	
GAL - GALLON	WG - WATER GAUGE	
GC - GENERAL CONTRACTOR	YCO - YARD CLEAN OUT	
GPM - GALLONS PER MINUTE		
GPH - GALLONS PER HOUR		
HB - HOSE BIBB		
HD - HUB DRAIN		
HVAC - HEATING, VENTILATING & AIR CONDITIONING		
HW - HOT WATER		
HWFU - HOT WATER FIXTURE UNITS		
HWR - HOT WATER RETURN		
ID - INSIDE DIAMETER		
IE - INVERT ELEVATION		
IN - INCHES		
KO - KNOCK-OUT		
L - LAVATORY		
LB - POUNDS		
LBHR - POUNDS PER HOUR		
MAX - MAXIMUM		
MB - MOP BASIN		

PIPING SYSTEM LABELS

WATER PIPING SYSTEMS: --- C --- COLD WATER --- H --- HOT WATER --- HR --- HOT WATER RETURN --- NP --- NON-POTABLE WATER --- F --- FIRE PROTECTION WASTE AND VENT SYSTEMS: ---- CWV ---- CLEARWATER VENT --- CW --- CLEARWATER WASTE --- OD --- OVERFLOW DRAIN LINE --- ST --- STORM --- SSD --- SUBSOIL DRAIN LINE --- U --- UNDERFLOOR FOR WASTE OR SOIL, SUBSOIL, STORM & FORCE MAIN --- SAN --- SANITARY WASTE --- W --- WASTE OR SOIL LINE	SITE PIPING SYSTEMS: --- SAN --- SANITARY SEWER --- ST --- STORM SEWER --- W --- WATER LINE MEDICAL GAS PIPING SYSTEMS: --- MA --- MEDICAL AIR --- V --- MEDICAL VACUUM --- O --- MEDICAL OXYGEN --- IA --- INSTRUMENT AIR --- CO --- MEDICAL CARBON DIOXIDE --- NO --- MEDICAL NITROUS OXIDE
--	---

DRAINS AND CLEANOUTS

	FLOOR DRAIN		FIXTURE WASTE TRAP
	FLOOR SINK		CLEANOUT
	ROOF DRAIN		FLOOR CLEANOUT
	HUB DRAIN		

PIPE VALVES AND SPECIALTIES

	ANGLE VALVE		BACKFLOW PREVENTER
	BALANCING VALVE		PRESSURE GAUGE
	BALL VALVE		THERMOMETER
	BUTTERFLY VALVE		HOSE BIBB AND WALL HYDRANT
	CHECK VALVE		WATER HAMMER ARRESTOR
	DRAIN VALVE		GAS SHUTOFF VALVE
	GATE VALVE		SOLENOID VALVE

REFERENCE SYMBOLS

	DETAIL REFERENCE		EQUIPMENT NAME AND NUMBER
	TOP DESIGNATES DETAIL NUMBER		PLAN NOTE NUMBER
	BOTTOM DESIGNATES SHEET NUMBER		REVISION NUMBER
	SECTION REFERENCE		POINT OF CONNECTION
	TOP DESIGNATES SECTION NUMBER		POINT OF DISCONNECTION
	BOTTOM DESIGNATES SHEET NUMBER		
	ELEVATION SYMBOL		

GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY FITTINGS AS REQUIRED BY ALL APPLICABLE CODES AND GOVERNING AUTHORITIES.
2. CONTRACTOR SHALL VERIFY AND CORRECT AS REQUIRED TO MEET ALL CODES AND REGULATIONS ANY POSSIBLE DISCREPANCIES BETWEEN TYPE AND SIZE OF CONNECTION SPECIFIED IN PLUMBING FIXTURE SCHEDULE AND FIXTURES ACTUALLY INSTALLED ON THE SITE.
3. VALVES AND FITTINGS SHALL BE OF SAME SIZE OF LINE ON WHICH THEY ARE LOCATED, UNLESS OTHERWISE INDICATED ON DRAWINGS.
4. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES.
5. ALL SANITARY PIPING SHALL HAVE A 1/8" PER FOOT SLOPE UNLESS OTHERWISE NOTED.
6. VENT PIPING SHOWN ON FLOOR PLANS IS ONLY INDICATIVE EXCEPT FOR VTR LOCATIONS.
7. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES.
8. CONTRACTOR SHALL FIELD VERIFY ALL GIVEN MEASUREMENTS PRIOR TO LAYING AND CONNECTING ALL SANITARY AND WASTE PIPING AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
9. AIR CHAMBERS SHALL NOT BE CONSIDERED AN EQUAL TO WATER ARRESTORS AS SPECIFIED.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FIRE RATING AND WEATHERPROOFING INTEGRITY OF ALL PIPING AND PENETRATIONS.
11. ALL WATER SUPPLY AND SANITARY LINES SHALL BE RUN AS CLOSE TO PLANS AS POSSIBLE WITH NO CHANGES IN SIZING.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SUPPORTING DEVICES FOR ALL FIXTURES INCLUDED IN CONTRACT OR HEREIN SPECIFIED OR OTHERWISE.
13. CONTRACTOR SHALL GIVE 24 HOURS NOTICE TO APPLICABLE UTILITY COMPANY PRIOR TO PERFORMING WORK INVOLVING UTILITIES.
14. CHANGES IN THE DIRECTION OF SANITARY AND STORM DRAIN PIPING SHALL NOT BE MADE WITH FITTINGS WHICH WILL CAUSE EXCESSIVE REDUCTION IN THE VELOCITY OF FLOW OR CREATE ANY OTHER ADVERSE EFFECT UNLESS PHYSICALLY IMPOSSIBLE (I.E. USE OF SANITARY TEE IN A HORIZONTAL CONNECTION, USE OF A DOUBLE SANITARY TEE IN A VERTICAL STACK, IN GENERAL, USE OF A SHORT-RADIUS FITTINGS FOR BRANCH TO HOUSE DRAIN OR STACK CONNECTION).
15. ALL SANITARY, STORM AND WATER SUPPLY LINES SHALL BE MARKED WITH THE SEAL OF APPROVAL OF THE NATIONAL SANITATION FOUNDATION.
16. WHERE SANITARY SEWER LINES CROSS UNDERGROUND WATER SUPPLY LINES WITH LESS THAN 8" MINIMUM VERTICAL CLEARANCE, THE SANITARY SEWER SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (10' EACH SIDE OF WATER MAIN) OR THE WATER LINES SHOULD BE MODIFIED TO PROVIDE 8" MINIMUM CLEARANCE.
17. ROUTE ALL PIPING CONCEALED ABOVE CEILING, WITHIN WALLS, OR IN CHASES EXCEPT AS SPECIFICALLY NOTED, OR IN MECHANICAL ROOMS.
18. PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CHASES OR ABOVE NON-ACCESSIBLE CEILING. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
19. ALL FLOOR DRAINS SHALL BE PROVIDED WITH DEEP SEAL TRAPS AND PRIMER FITTINGS UNLESS NOTED OTHERWISE.
20. INSTALL WATER HAMMER SHOCK ARRESTORS AT EACH FIXTURE OR BATTERY OF FIXTURES WHERE REQUIRED. ARRESTORS SHALL BE FACTORY FABRICATED. INSTALL ARRESTORS AND SIZE PER PLUMBING AND DRAINAGE INSTITUTE STANDARD P.D.I. WH-201. ACCEPTABLE MANUFACTURERS: SIOUX CHIEF OR PRECISION PLUMBING PRODUCTS.
21. FURNISH AND INSTALL HOSE BIBBS AND/OR WALL HYDRANTS 24" ABOVE FINISHED GRADE/FLOOR AND PROVIDE VACUUM BREAKERS.
22. SEE ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURE LOCATIONS, MOUNTING HEIGHTS, AND DIMENSIONS.
23. CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF SEWERS TO WHICH NEW SEWER LINES ARE TO BE CONNECTED BEFORE INSTALLATION OF NEW SEWER LINE.
24. ALL VENTS THROUGH ROOF SHALL BE MIN. 10'-0" FROM ANY AIR INTAKES.
25. CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.
26. CONTRACTOR SHALL ROUGH-IN ALL WASTES AND SUPPLIES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURERS SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALVED. INSTALL REDUCED PRESSURE BACKFLOW PREVENTERS, AS REQUIRED BY CODE.
27. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS (INCLUDING PIPE ROUTING AND EQUIPMENT LOCATIONS) TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO THE INSTALLATION OR PURCHASING OF ANY PIPING AND/OR EQUIPMENT.
28. PRESSURE REDUCING VALVES SHALL BE INSTALLED ON BRANCH LINES SERVING FIXTURES AND/OR EQUIPMENT, WHEN THE PRESSURE IN THE LINE EXCEEDS 60 P.S.I. IT IS REQUIRED THAT A VELOCITY BETWEEN 5 AND 8 FEET PER SECOND BE MAINTAINED FOR ALL DOMESTIC WATER SYSTEMS.
29. ALL WATER PIPING INSTALLED IN EXTERIOR WALLS SHALL BE PLACED ON THE INTERIOR SIDE OF THE WALL, SO THAT WALL INSULATION CAN BE PLACED ON THE EXTERIOR SIDE OF THE PIPING.
30. DO NOT PENETRATE WALL FOOTINGS WITH PIPING, COORDINATE WITH GENERAL CONTRACTOR TO DROP FOOTINGS AS REQUIRED TO CLEAR PLUMBING SERVICES WHERE ABSOLUTELY NECESSARY. ALL PIPING PENETRATING A BEARING WALL OR FOOTING MUST BE SLEEVED AND LOCATION APPROVED BY STRUCTURAL ENGINEER.
31. COORDINATE ALL PIPING WITH EXISTING ROOF DRAINS, LEADERS, AND OTHER EXISTING WORK. OFFSET AS REQUIRED TO AVOID INTERFERENCES. INDICATE INTERFERENCES AND MEANS TO OVERCOME IN THE SHOP DRAWINGS.
32. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING CONDITIONS AND COORDINATION WITH ALL OTHER TRADES, INCLUDING BUT NOT LIMITED TO STRUCTURAL, LIGHTING, ELECTRICAL, HVAC, AND OTHER EXISTING AND NEW WORK. VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO PURCHASING EQUIPMENT. ALL DISCREPANCIES OR POTENTIAL PROBLEMS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO BIDDING. PROVIDE ADDITIONAL MATERIALS AND LABOR TO RELOCATE OR REPLACE MECHANICAL WORK AS REQUIRED TO ALLOW SPACE FOR THE WORK OF ALL TRADES.
33. ALL SERVICES TO EXISTING BUILDINGS SHALL BE MAINTAINED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED.
34. THE WORK INCLUDES CONNECTION TO AN EXISTING PLUMBING SYSTEMS ON THE PROJECT. CONTRACTOR SHALL INCLUDE IN HIS BID PRICE ANY LABOR AND MATERIALS NECESSARY TO UNCOVER, TRACE, TEST, FIELD VERIFY, AND MEASURE ANY EXISTING SYSTEMS THAT ARE AFFECTED BY THE WORK UNDER THIS CONTRACT.
35. THE DRAWINGS INDICATE APPROXIMATE LOCATIONS BASED UPON INFORMATION OBTAINED. THEREFORE, THE CONTRACTOR SHALL INCLUDE IN THEIR BID CONTINGENCY COSTS TO ADDRESS CONFLICTS BETWEEN DESIGN AND EXISTING CONDITIONS. GENERAL NOTES:

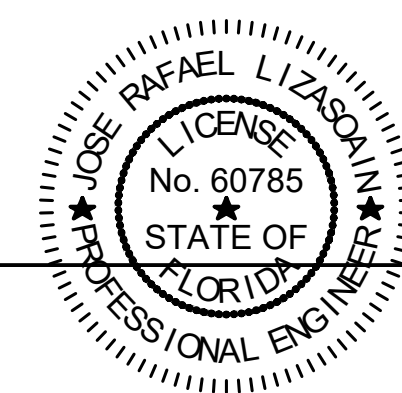
PLUMBING FIXTURES AND TRIM

Mark	Description	Fixture	Faucet	Drain	Accessories	Piping Connections				
						W or S	Trap	Vent	HW	CW
L-1	COUNTER-TOP LAVATORY	VITREOUS CHINA, DROP-IN, SELF-RIMMING WITH FAUCET LEDGE. FAUCET HOLES 4" O.C. AMERICAN STANDARD AQUALYN (0476.037)	0.5 GPM, SINGLE CONTROL CENTERSET METAL HANDLE. LESS DRAIN, POP-UP. 0.5 GPM PRESSURE COMPENSATING VANDAL RESISTANT SPRAY. COLONY PRO 7075.045	PERFORATED STRAINER WITH 1-1/4" TAILPIECE. 1-1/4" P-TRAP, SEMI-CAST BRASS WITH CLEANOUT, 17 GA. OULET. MCQUIRE 155-A		2"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
L-2	WALL HUNG LAVATORY	VITREOUS CHINA, WALL HUNG, FRONT-OVERFLOW, SELF-DRAINING DECK. FAUCET HOLES 4" O.C., 4" BACKSPASH, MOUNT TO ADA HEIGHT. AMERICAN STANDARD LICENT (0455.012)	0.5 GPM, SINGLE CONTROL CENTERSET METAL HANDLE. LESS DRAIN, POP-UP. 0.5 GPM PRESSURE COMPENSATING VANDAL RESISTANT SPRAY. COLONY PRO 7075.045	PERFORATED STRAINER WITH 1-1/4" TAILPIECE. 1-1/4" P-TRAP, SEMI-CAST BRASS WITH CLEANOUT, 17 GA. OULET. MCQUIRE 155-A	CONCEALED ARM CARRIER. ZURN ZR-1231. INSULATE DRAIN AND HW SUPPLY PER SPECIFICATIONS AND ANSI A117.1, 1980, SECTION 4.24.6.	2"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
WC-1	WATER CLOSET (1.28 GPF)	FLUSH VALVE, SIPHON JET, ELONGATED BOWL, 1000 MaP, FLOOR MOUNTED, LIP IS 15" A.F.F., HIGH EFFICIENCY, FIELD VERIFY ROUGH IN, 1-1/2" TOP SPUD, STANDARD HEIGHT. AMERICAN STANDARD MADERA 2855.128	N/A	INTEGRAL TRAP	FLUSHMETER: MANUAL, NON-HOLD OPEN, CHROME EPDM SEALS, AMERICAN STANDARD 6047.161 SEAT: WHITE, SOLID PLASTIC SEAT, OPEN FRONT WITHOUT COVER, SS CHECK HINGE. AMERICAN STANDARD 5901.100SS	3"	INT	2"	---	1"
WC-2	WATER CLOSET - ADA HEIGHT (1.28 GPF)	FLUSH VALVE, SIPHON JET, ELONGATED BOWL, 1000 MaP, FLOOR MOUNTED, ADA COMPLIANT LIP IS 16-1/2" A.F.F., FIELD VERIFY ROUGH IN, 1-1/2" TOP SPUD, ADA HEIGHT. AMERICAN STANDARD MADERA 2854.128	N/A	INTEGRAL TRAP	FLUSHMETER: MANUAL, NON-HOLD OPEN, CHROME EPDM SEALS, AMERICAN STANDARD 6047.161 SEAT: WHITE, SOLID PLASTIC SEAT, OPEN FRONT WITHOUT COVER, SS CHECK HINGE. AMERICAN STANDARD 5901.100SS	3"	INT	2"	---	1"
UR	URINAL (0.125 GPF)	ELONGATED RIM, WALL HUNG, VITREOUS CHINA, 3/4" INLET SPUD, EXTENDED SIDES, 2" OUTLET. AMERICAN STANDARD WASHBROOK 6590.503	MANUAL FLUSH VALVE NON HOLD-OPEN WITH WALL BRACKET VANDALPROOF ACCESSORIES AS AVAILABLE. EPDM SEAL. 6045.013	INTEGRAL TRAP	FLOOR MOUNTED CARRIER, MOUNT BEHIND 4" THICK WALL MAX. OR IN 12" BLOCK WALL SET ON SLAB ONLY. ZURN ZR-122	2	INT	1 1/2"	---	3/4"
DF-1	DRINKING FOUNTAIN	TWO-LEVEL, OUTDOOR, WALL HUNG HEAVY GAUGE STEEL, VANDAL RESISTANT CABINET AND PUSH BUTTON CONTROL, 8 GPH OF 50°F AT 70°F, 120/1. ELKAY VRC188C	VANDALPROOF, CHROME PLATED AND PUSHBUTTON CONTROL VALVE. HEAVY DUTY CHROME PLATED VANDAL RESISTANT ANTI-SQUIRT BUBBLER WITH SANITARY MOUTHGUARD, AND MOUNTING PLATE	1-1/4" P-TRAP		2"	1 1/4"	1 1/4"	---	1 1/2"
MS	MOP SINK	MOLD STONE, FLOOR MOUNTED 24" X 24" FIAT MSB-2424	CHROME PLATED SERVICE FAUCET, RENEWABLE SEATS, INTERGRAL SERVICE STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, 3/4" HOSE THREAD ON SPOUT. 832-AA (FIAT MSB-2424 ACCESSORY)	3" P-TRAP	#1453-BB FLAT STAINLESS STEEL STRAINER #889-CC-24 MOP HANGER #832-AA-30 HOSE AND BRACKET #MSG2424 STAINLESS STEEL WALL GUARD	3"	---	---	3/4"	3/4"

Notes:
 1 REFER TO ARCHITECTURE SECTIONS 220500 AND 224000 FOR ADDITIONAL INFORMATION, STANDARDS AND PROCEDURES.
 2 FIXTURE STOPS ARE TO BELONG KEY TYPE.
 3 COORDINATE MOUNTING OF FAUCET, AND BUBBLER LOCATIONS FOR SINKS WITH ARCHITECTURAL DRAWINGS.

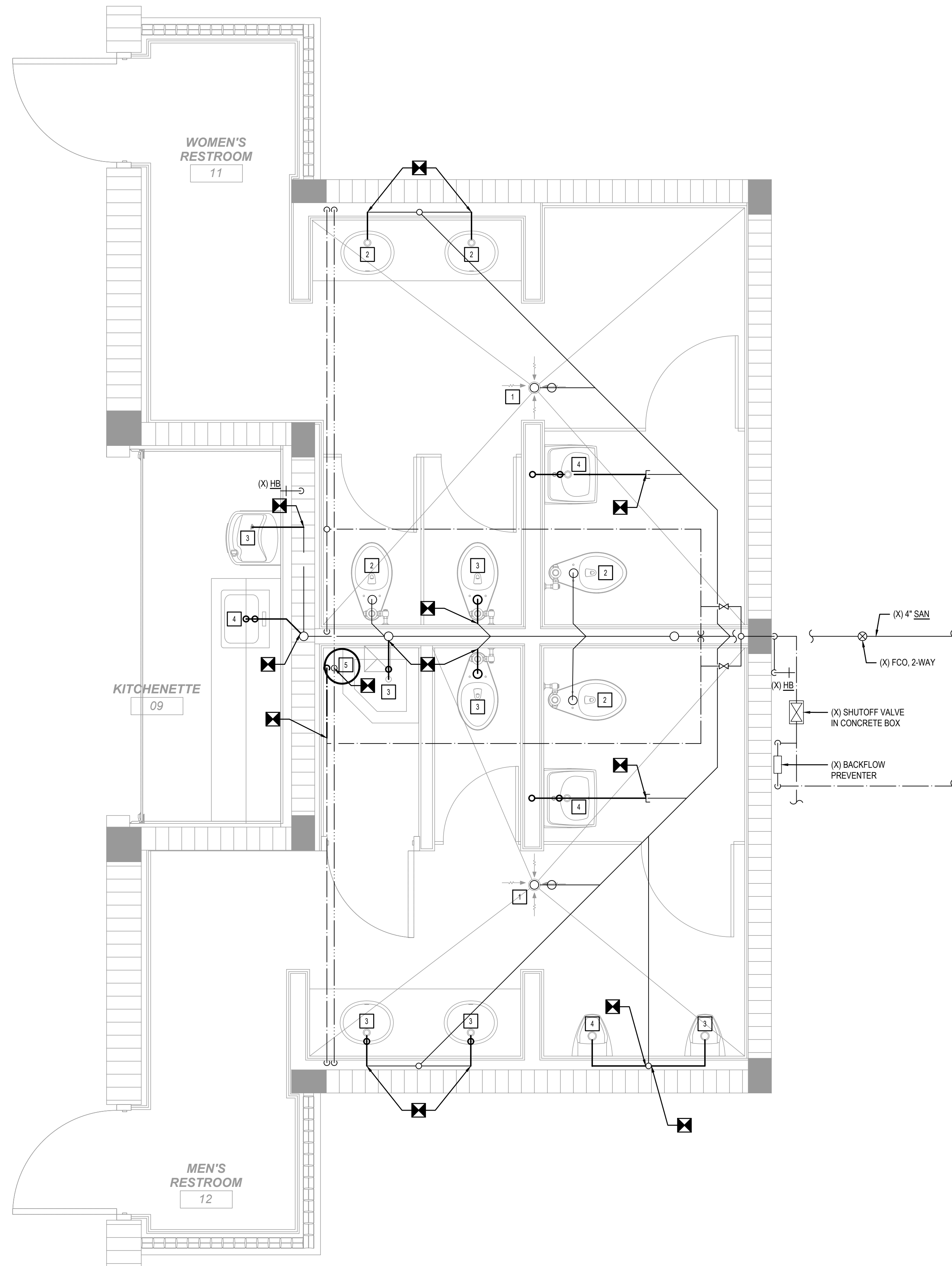
THE FOLLOWING MANUFACTURERS ARE ACCEPTED AS ALTERNATES TO THOSE LISTED ABOVE. PROPOSED ALTERNATE EQUIPMENT SHALL BE SIMILAR IN STYLE, SIZE, MATERIAL AND QUALITY AS DETERMINED BY THE A/E.

- 1 SINKS, LAVATORIES, WATER CLOSETS, URINALS: TOTO, KOHLER, ZURN, AND ELJER.
- 2 WASH FOUNTAINS: ACORN AND INTERSAN.
- 3 FLUSH VALVES: ZURN AND SLOAN.
- 4 SHOWER VALVES: SPEAKMAN, SYMMONS AND LEONARD.
- 5 DRINKING FOUNTAINS: SUNROC, HAWS, HALSEY TAYLOR AND ELKAY.
- 6 EMERGENCY EYE WASH AND SHOWERS: ENCON.
- 7 WATER CLOSET SEATS: CENTOCO AND OLSONITE.
- 8 FAUCETS: SPEAKMAN, ZURN AND T&S BRASS. AN ACCEPTABLE FIXTURE MANUFACTURER MAY ALSO BE THE ACCEPTABLE FAUCET MANUFACTURER.
- 9 FLOOR DRAINS, ROOF DRAINS AND FLOOR SINKS: JOSAM AND J.R. SMITH.



This item has been electronically signed and sealed by Jose Lizasoain, PE on 06/04/2019 using Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #42770	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - PLUMBING SYMBOL LEGEND, NOTES, ABBREVIATIONS, AND SCHEDULES	SHEET NO. AP-001
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
5/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE. MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		



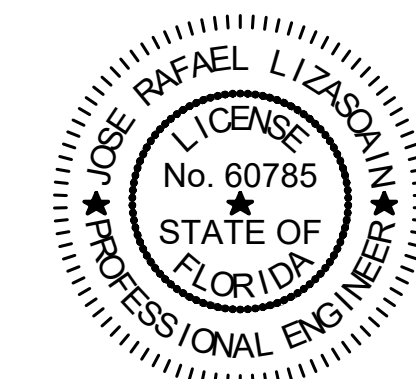
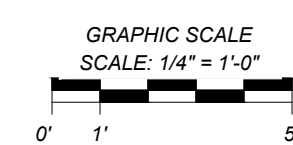
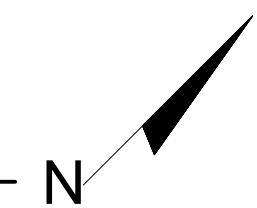
GENERAL NOTES:

- a. ALL WORK IS DIAGRAMATIC AND ONLY REPRESENT THE GENERAL SCOPE OF WORK. DO NOT SCALE FROM DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- b. ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND STANDARDS.
- c. PRIOR TO ANY UTILITY SHUT DOWN CONTRACTOR SHALL COORDINATE WITH OWNER. DO NOT SHUT DOWN ANY UTILITY WITHOUT OWNERS APPROVAL.
- d. ALL EQUIPMENT REMOVED SHALL REMAIN PROPERTY OF THE OWNER UNLESS OTHERWISE INSTRUCTED TO DISPOSE OF IT.
- e. ALL SAWCUT FLOORS SHALL BE RESTORED TO EXISTING CONDITION OR UPDATED BY OTHERS. SEE ARCHITECTURAL PLANS FOR FINISH DETAILS.

KEY NOTES:

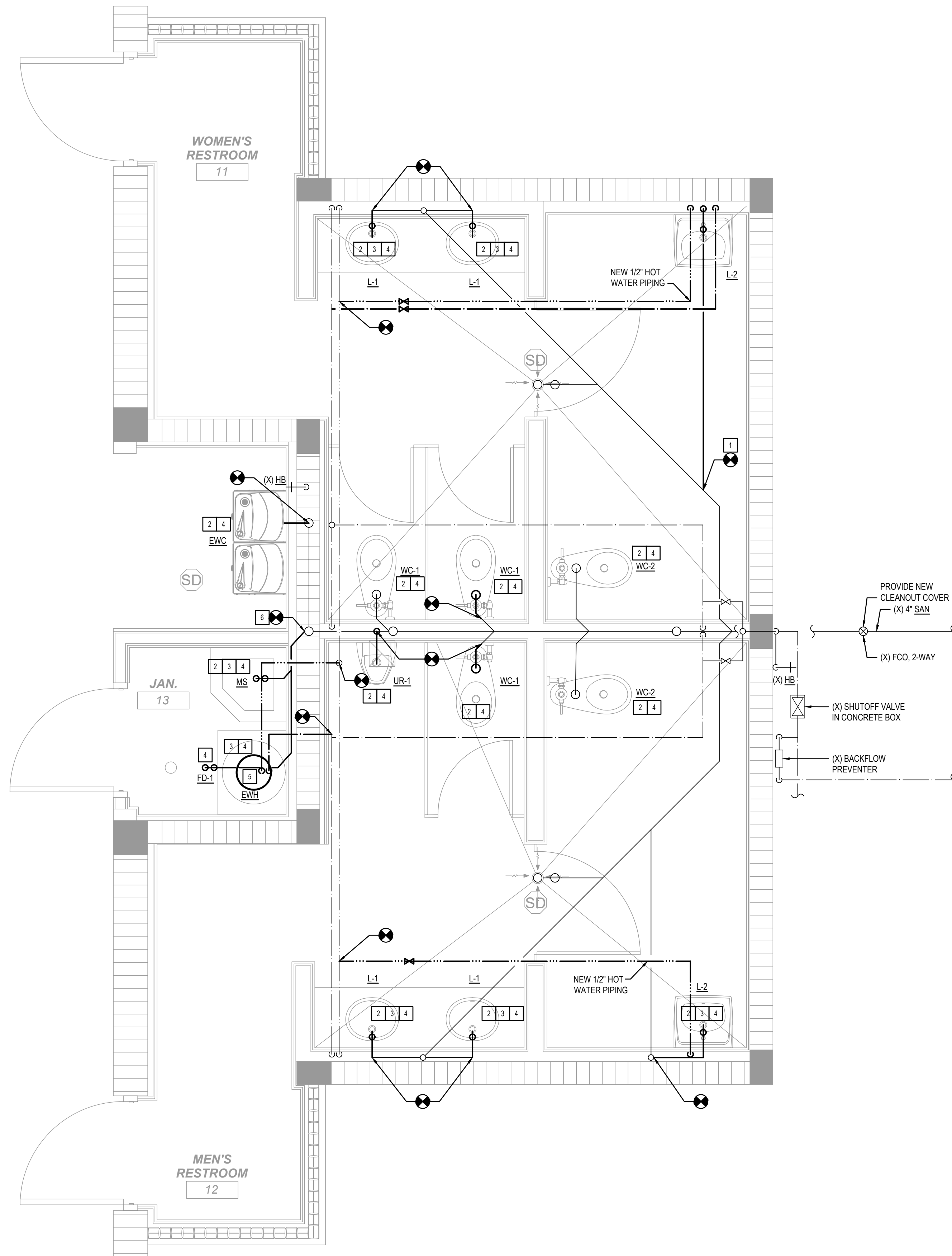
- 1. EXISTING FLOOR DRAIN TO REMAIN. VERIFY OPERATION OF TRAP PRIMER PRIOR TO DEMOLITION OF CONNECTED LAVATORY. IF TRAP PRIMER IS NOT OPERATIONAL NOTIFY ENGINEER.
- 2. DEMOLISH EXISTING FIXTURE AND REPLACE WITH NEW. SEE RENOVATION DRAWINGS FOR DETAILS.
- 3. DEMOLISH EXISTING FIXTURE AND SANITARY PIPING TO THE WALL AS SHOWN. DEMOLISH EXISTING DOMESTIC WATER FLEXIBLE CONNECTIONS; DOMESTIC WATER PIPING TO REMAIN.
- 4. DEMOLISH EXISTING FIXTURE. DEMOLISH AND CAP SANITARY PIPING TO THE CONNECTION AS SHOWN. DEMOLISH EXISTING DOMESTIC WATER FLEXIBLE CONNECTIONS. DEMOLISH DOMESTIC WATER PIPING TO THE WALL AND CAP AS SHOWN.
- 5. DEMOLISH EXISTING WATER HEATER, SUPPORT SHELF, VALVES, ACCESSORIES, AND DRAIN PIPING. DEMOLISH DOMESTIC COLD WATER PIPING AND CAP AS SHOWN. DEMOLISH DOMESTIC HOT WATER PIPING AT RISER CONNECTION TO RUNOUT PIPE AND PREPARE FOR CONNECTION TO NEW PIPING.

1 AUDITORIUM RESTROOMS - DEMOLITION PLAN
1/2" = 1'-0"



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REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #4270	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - DEMOLITION PLAN	SHEET NO. DP-101
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
5/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		

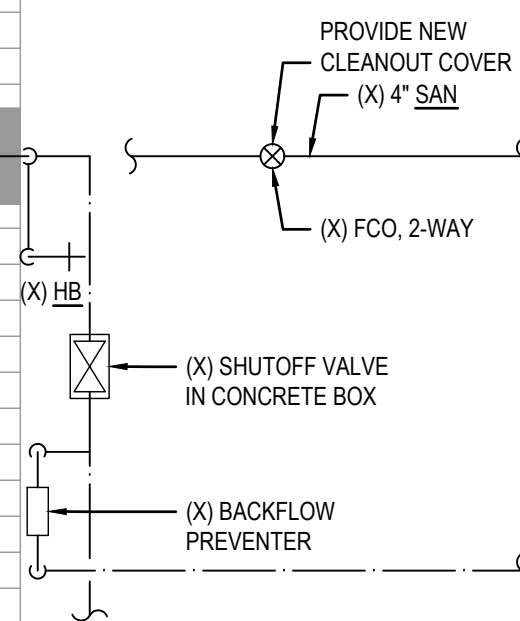


GENERAL NOTES:

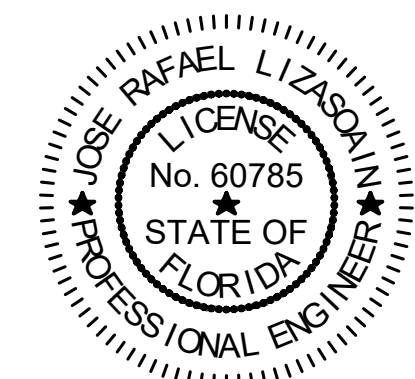
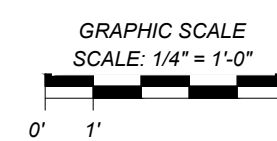
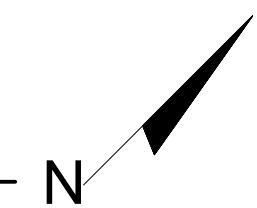
- a. ALL WORK IS DIAGRAMATIC AND ONLY REPRESENT THE GENERAL SCOPE OF WORK. DO NOT SCALE FROM DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
- b. ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND STANDARDS.
- c. PRIOR TO ANY UTILITY SHUT DOWN CONTRACTOR SHALL COORDINATE WITH OWNER. DO NOT SHUT DOWN ANY UTILITY WITHOUT OWNERS APPROVAL.
- d. ALL NEW DOMESTIC WATER PIPING TO BE COPPER TYPE 'K', WITH SOLDERED CONNECTIONS. PIPES CONVEYING FLUIDS 20°F OR MORE ABOVE OR BELOW AMBIENT TEMPERATURE SHALL BE INSULATED WITH MINIMUM 1 1/2" CELLULAR GLASS OR 2" MINERAL FIBER, WITH FSK AND SEALED JOINTS.
- e. ALL NEW ABOVE GROUND SANITARY AND VENT PIPING SHALL BE CAST IRON PIPE. MAKE ANY NEW CAST IRON PIPE CONNECTIONS WITH A NEOPRENE SLEEVE. SEE SHEET AP-401 FOR DETAILS.
- f. ALL NEW BELOW GROUND SANITARY PIPING SHALL BE PVC SCHEDULE 40. NEW CONNECTIONS SHALL BE MADE WITH A NEW FITTING.

KEY NOTES: □

1. EXTEND SANITARY FROM EXISTING 4" SANITARY FROM POINT OF CONNECTION TO NEW FIXTURES, AS SHOWN.
2. CONNECT NEW FIXTURE TO EXISTING DOMESTIC COLD WATER PIPING. PROVIDE NEW FLEXIBLE HOSE CONNECTION.
3. CONNECT NEW FIXTURE TO EXISTING DOMESTIC HOT WATER PIPING. PROVIDE NEW FLEXIBLE HOSE CONNECTION.
4. CONNECT NEW FIXTURE TO EXISTING SANITARY AND VENT PIPING. PROVIDE NEW P-TRAP AND TRAP PRIMER IF EXISTING.
5. NEW ELECTRIC WATER HEATER LOCHINVAR JRC020E 20 GALLON, 1.5 KW 120V. SET HOT WATER TEMPERATURE TO 110°F. PROVIDE NEW HOUSEKEEPING PAD. ROUTE T&P AND DRAIN PAN TO FLOOR DRAIN. SEE SHEET AP-401 FOR DETAILS.
6. CONNECT TO EXISTING 1 1/2" VENT THRU ROOF.



① AUDITORIUM RESTROOMS - FLOOR PLAN
1/2" = 1'-0"



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REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #4270	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - FLOOR PLAN	SHEET NO. AP-101
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
5/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE., MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		

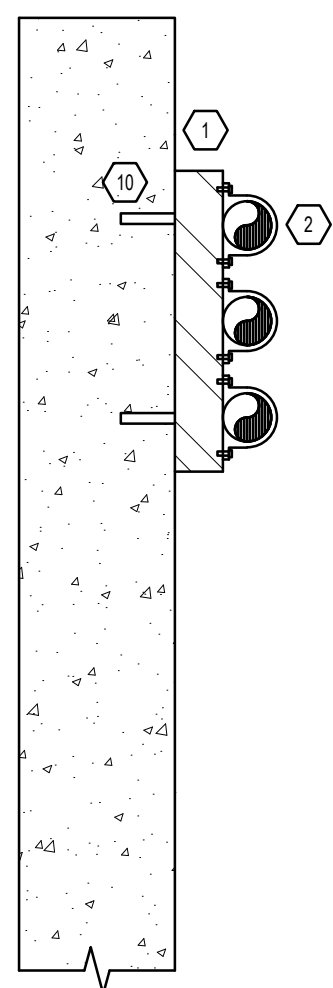
GENERAL NOTES:

- GLASS REINFORCED CHANNEL SHALL HAVE A SYNTHETIC SURFACING VEIL APPLIED ON EXTERIOR SURFACES TO IMPROVE WEATHERABILITY AND INHIBIT ULTRAVIOLET DEGRADATION. AN ULTRAVIOLET STABILIZER SHALL BE INCORPORATED IN THE RESIN FORMULATION TO FURTHER INHIBIT ULTRAVIOLET DEGRADATION.
- NON-METALLIC CHANNEL FRAMING SHALL BE FURNISHED AS A SYSTEM WHICH INCLUDES ALL THE NECESSARY FASTENERS, CHANNEL SPLICE PLATES, BRACKETS, SEALANTS, HANGERS, PIPE CLAMPS, ETC.
- NON-METALLIC FASTNERS SHALL BE MANUFACTURED FROM LONG GLASS FIBER REINFORCED POLYURETHANE TO ENSURE MAXIMUM STRENGTH AND CORROSION RESISTANCE.
- ALL COMPONENTS OF THE CHANNEL FRAMING SYSTEM SHALL BE NON-METALLIC EXCEPT WHERE 316 STAINLESS STEEL HARDWARE IS USED AS PART OF THE ASSEMBLY.

KEY NOTES:

NOTE: BASIS OF DESIGN IS AICKINSTRUT NON-METALLIC.

- STANDARD CHANNEL, HEAVY DUTY.
- TWO-HOLE FIBERGLASS PIPE STRAP.
- RIGID POLYURETHANE PIPE CLAMPS.
- POLYURETHANE CHANNEL FITTINGS.
- POLYURETHANE POST BASE.
- FRP POLYURETHANE THREADED ROD W/POLYURETHANE NUTS.
- FRP POLYURETHANE SADDLE CLIP AND NUT.
- FRP POLYURETHANE ROD COUPLER.
- FIBERGLASS PIPE HANGER.
- 316 STAINLESS STEEL ANCHOR AND BOLT (TYP.).
- VINYLESTER BEAM CLAMPS WITH POLYURETHANE OR 316 STAINLESS STEEL BOLTS.



C1 BRACKET PIPE SUPPORT

SCALE: N.T.S.

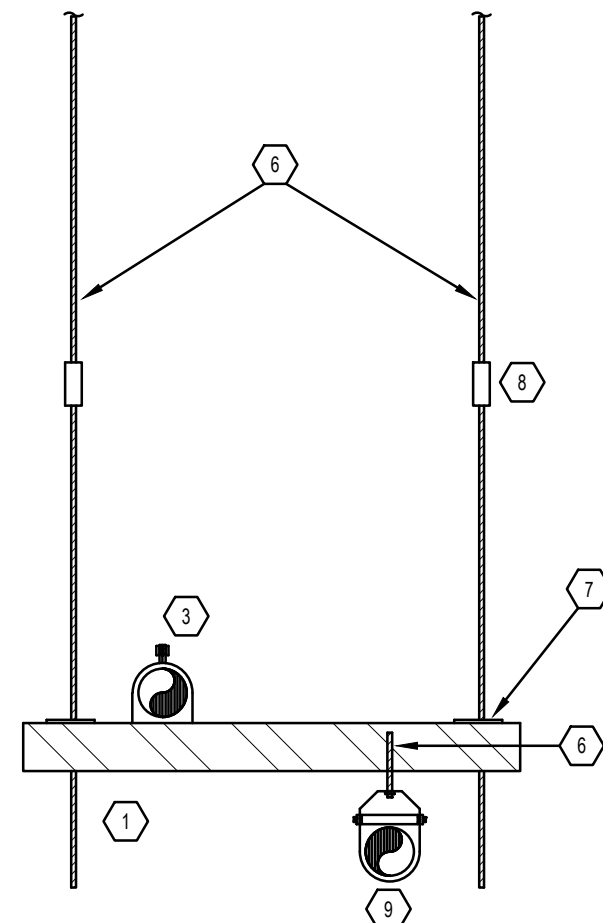
GENERAL NOTES:

- GLASS REINFORCED CHANNEL SHALL HAVE A SYNTHETIC SURFACING VEIL APPLIED ON EXTERIOR SURFACES TO IMPROVE WEATHERABILITY AND INHIBIT ULTRAVIOLET DEGRADATION. AN ULTRAVIOLET STABILIZER SHALL BE INCORPORATED IN THE RESIN FORMULATION TO FURTHER INHIBIT ULTRAVIOLET DEGRADATION.
- NON-METALLIC CHANNEL FRAMING SHALL BE FURNISHED AS A SYSTEM WHICH INCLUDES ALL THE NECESSARY FASTENERS, CHANNEL SPLICE PLATES, BRACKETS, SEALANTS, HANGERS, PIPE CLAMPS, ETC.
- NON-METALLIC FASTNERS SHALL BE MANUFACTURED FROM LONG GLASS FIBER REINFORCED POLYURETHANE TO ENSURE MAXIMUM STRENGTH AND CORROSION RESISTANCE.
- ALL COMPONENTS OF THE CHANNEL FRAMING SYSTEM SHALL BE NON-METALLIC EXCEPT WHERE 316 STAINLESS STEEL HARDWARE IS USED AS PART OF THE ASSEMBLY.

KEY NOTES:

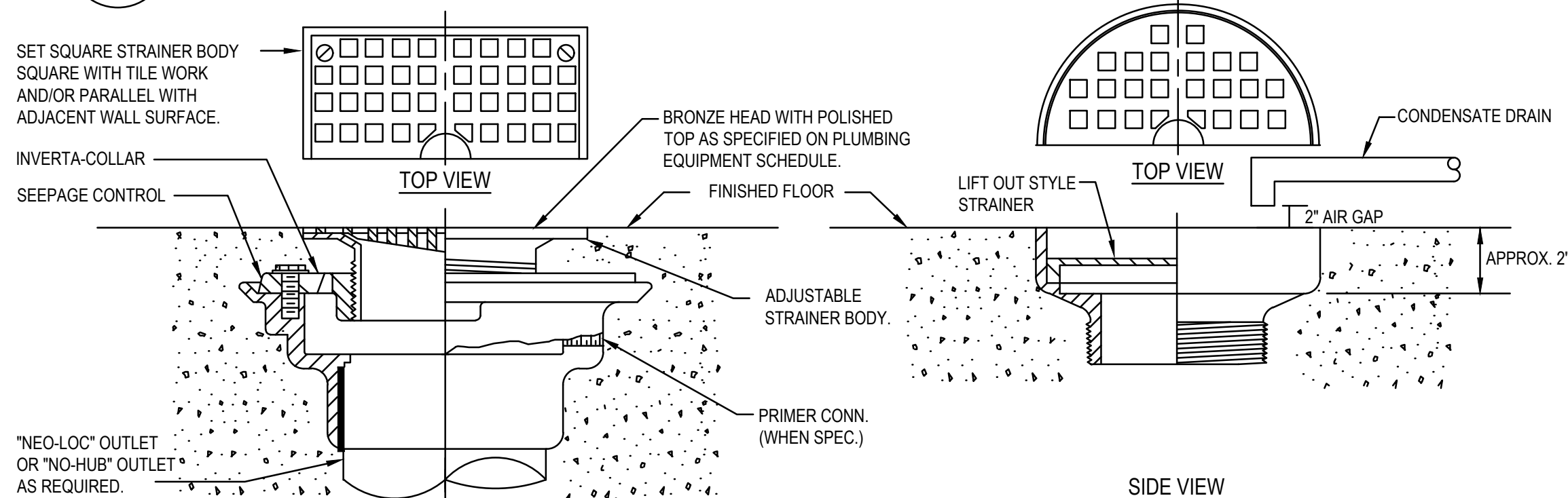
NOTE: BASIS OF DESIGN IS AICKINSTRUT NON-METALLIC.

- STANDARD CHANNEL, HEAVY DUTY.
- TWO-HOLE FIBERGLASS PIPE STRAP.
- RIGID POLYURETHANE PIPE CLAMPS.
- POLYURETHANE CHANNEL FITTINGS.
- POLYURETHANE POST BASE.
- FRP POLYURETHANE THREADED ROD W/POLYURETHANE NUTS.
- FRP POLYURETHANE SADDLE CLIP AND NUT.
- FRP POLYURETHANE ROD COUPLER.
- FIBERGLASS PIPE HANGER.
- 316 STAINLESS STEEL ANCHOR AND BOLT (TYP.).
- VINYLESTER BEAM CLAMPS WITH POLYURETHANE OR 316 STAINLESS STEEL BOLTS.



B1 TRAPEZE PIPE HANGER

SCALE: N.T.S.



NOTE: SEE FLOOR DRAIN NOTE DETAIL. BASIS OF DESIGN: ZURN ZB415-5X5S FLOOR DRAIN STYLE 'A'

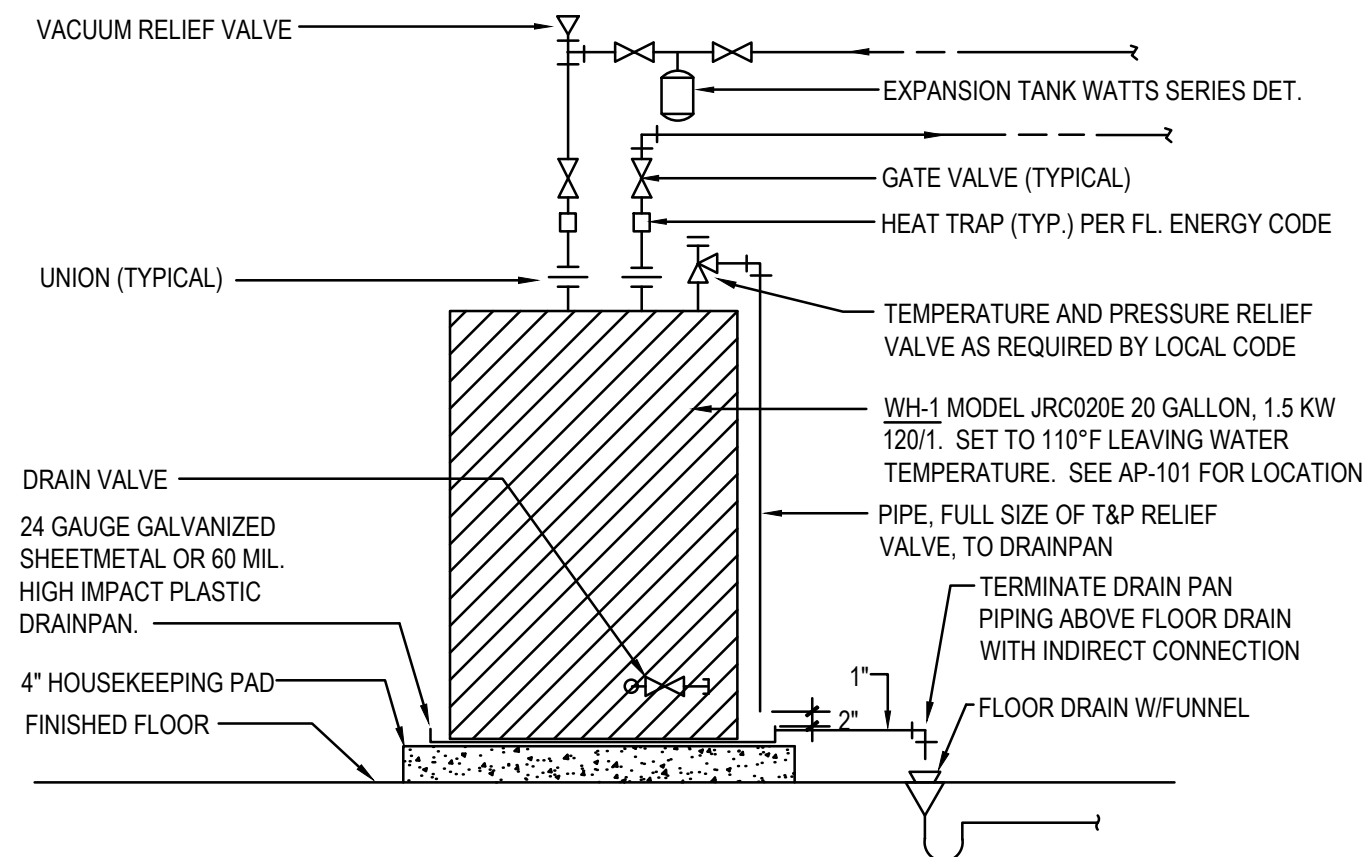
NOTE: SEE FLOOR DRAIN NOTE DETAIL. BASIS OF DESIGN: ZURN ZB415-7\"/>

A1 FLOOR DRAINS

SCALE: N.T.S.

C2 ELECTRIC TANK-TYPE WATER HEATER

SCALE: N.T.S.



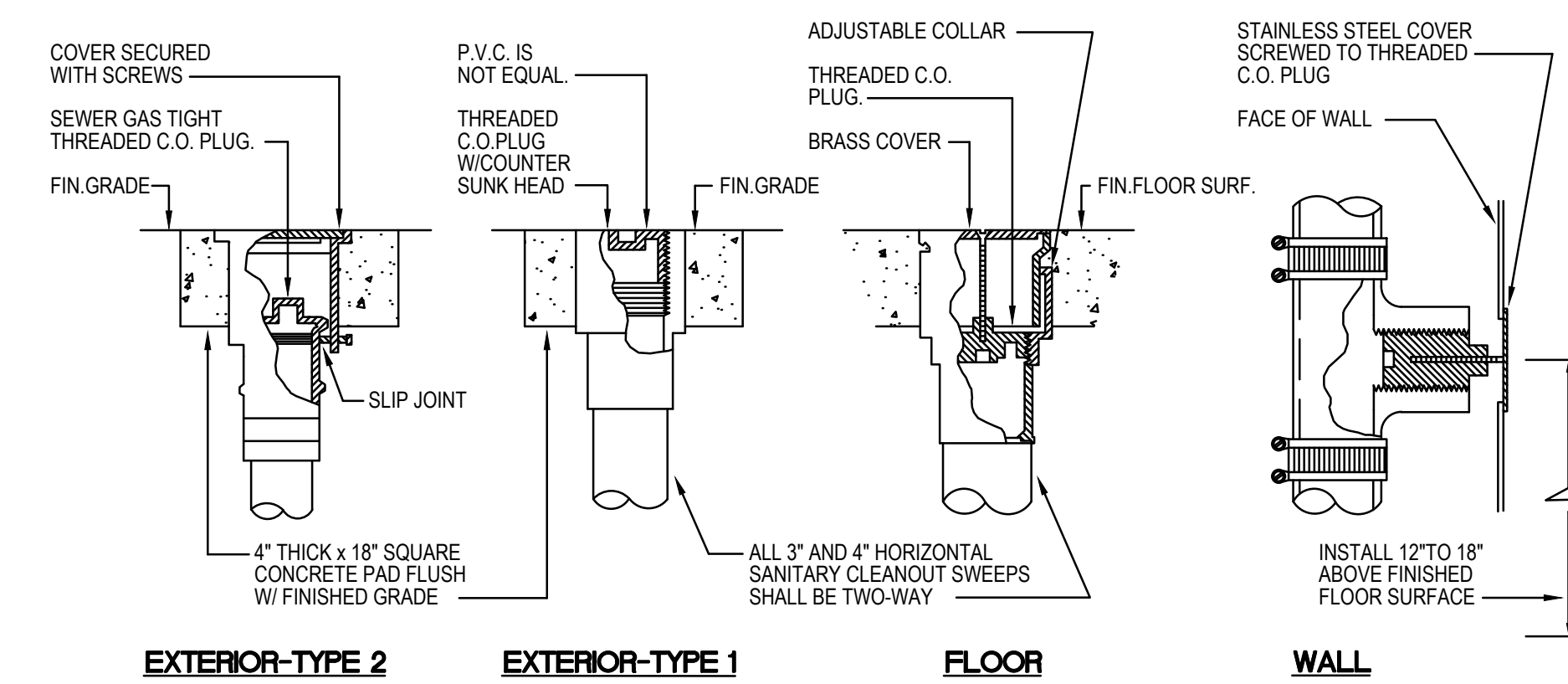
BASIS OF DESIGN:

ZURN Z1400-2A-HD

ZURN ZAB-1470A

ZURN ZN1400-2-NL

ZURN ZABN-1468



EXTERIOR-TYPE 2 PAVEMENT AREAS

EXTERIOR-TYPE 1 GRASS AREAS

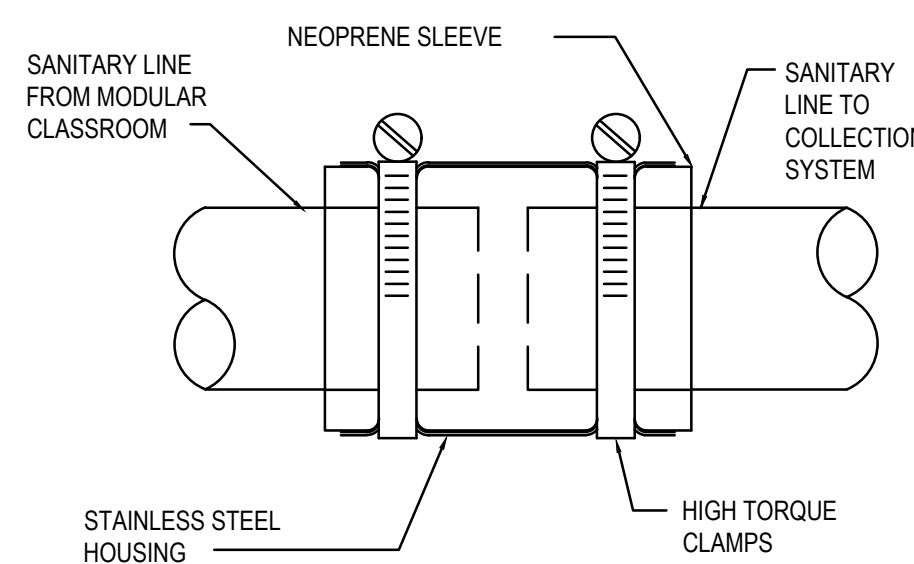
FLOOR

WALL

- NOTES:**
- P.V.C./I. CLEAN-OUT PLUGS ARE NOT APPROVED.
 - CONTRACTOR SHALL PROVIDE CARPET MARKERS WHEN ARCHITECTURAL FINISH SCHEDULE CALLS FOR CARPETED SURFACES.

B3 CLEANOUTS

SCALE: N.T.S.

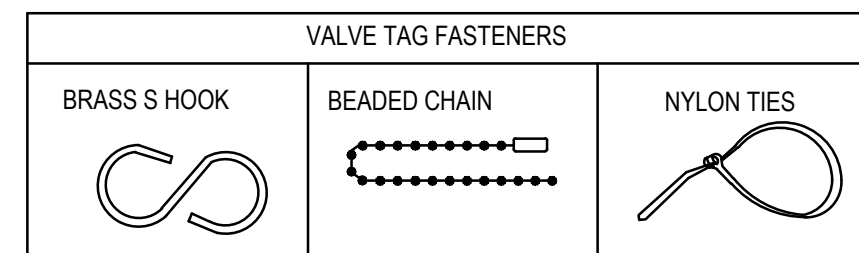


A3 PIPE LABEL LOCATION AND USE

SCALE: N.T.S.

C3 BRASS VALVE TAGS

SCALE: N.T.S.



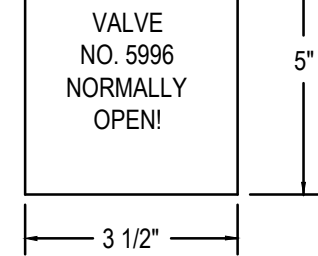
CUSTOM ENGRAVED VALVE TAGS ARE MADE TO YOUR SPECIFICATIONS. AVAILABLE IN EITHER SQUARE OR ROUND SHAPES. COLORS INCLUDE:

YELLOW BKND	BLACK LETTERS
GREEN BKND	WHITE LETTERS
RED BKND	WHITE LETTERS
BLUE BKND	WHITE LETTERS
BLACK BKND	WHITE LETTERS
WHITE BKND	BLACK LETTERS



CW.....COLD WATER
PLBG.....PLUMBING
GAS.....GAS
HW.....HOT WATER
HWR.....HOT WATER RETURN

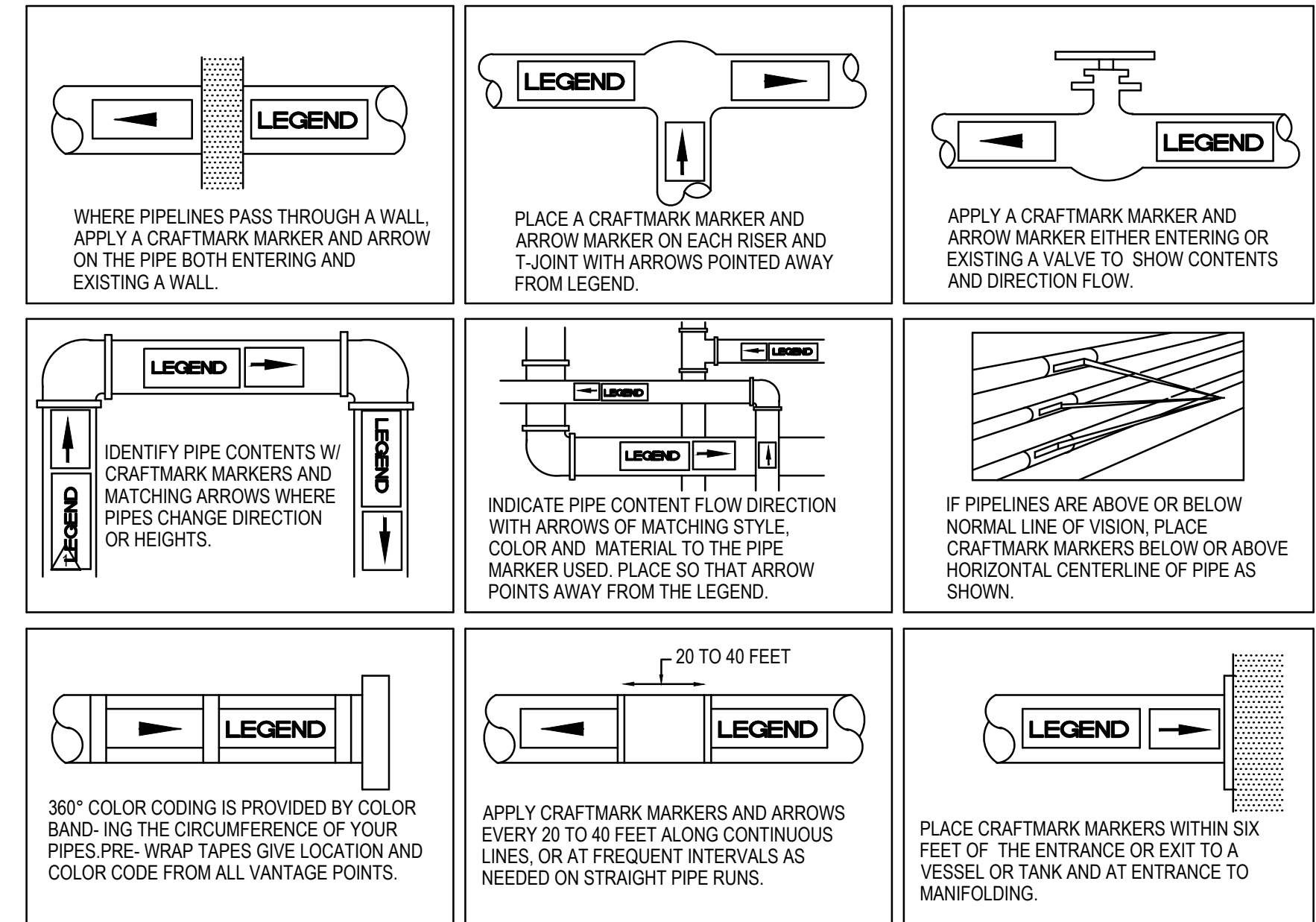
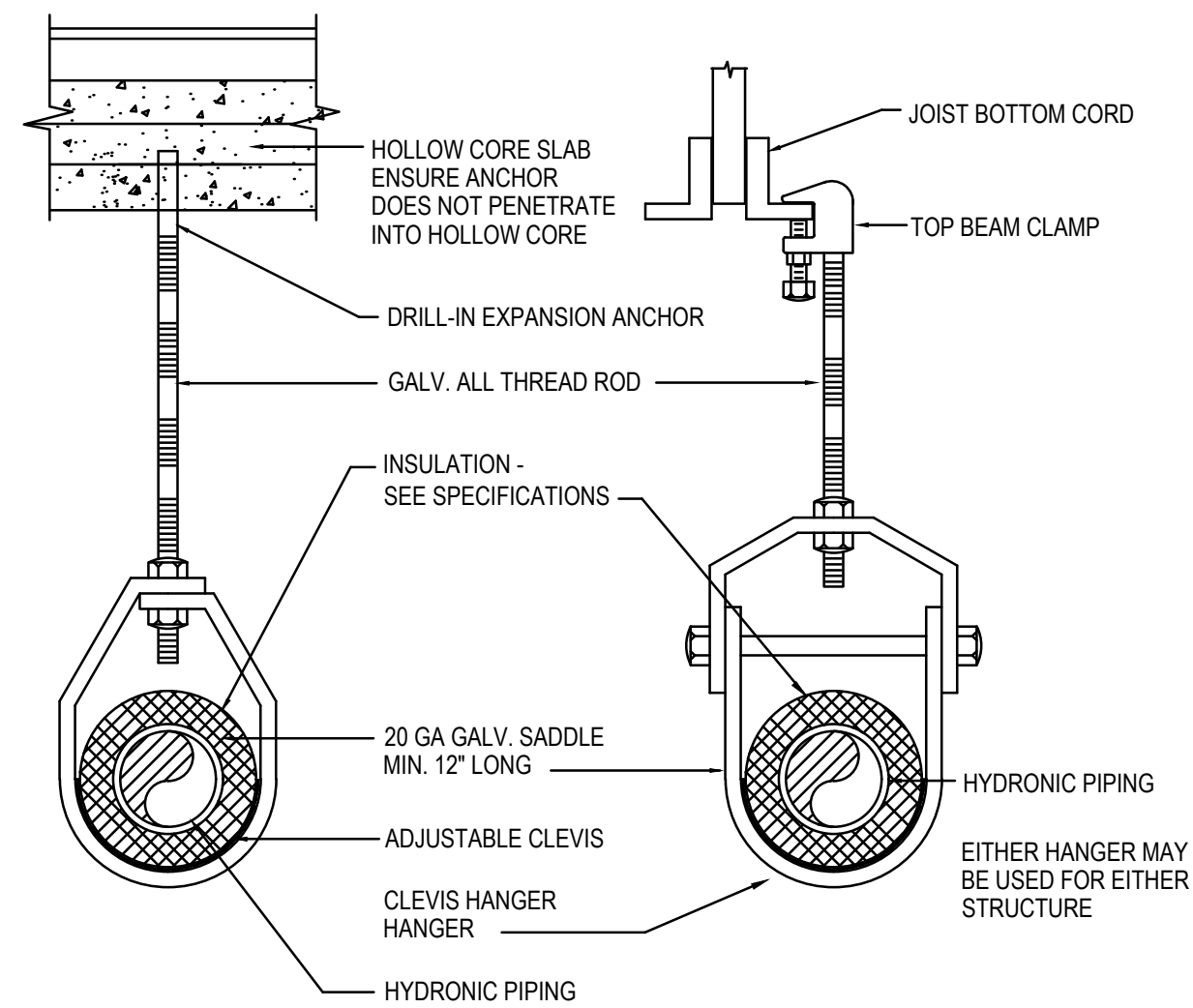
CRAFTMARK "ON THE SPOT" WRITE ON TAGS



C5 CLEVIS PIPE SUPPORT

C5 CLEVIS PIPE SUPPORT

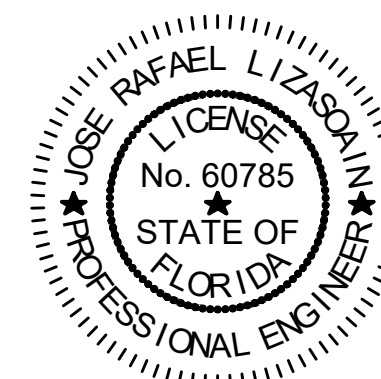
SCALE: N.T.S.



FOR PROPER PLACEMENT OF PIPE MARKERS, ETC., USE THE SIMPLIFIED LOCATION AND USAGE GUIDELINES ABOVE.

B5 PIPE LABEL LOCATION AND USE

SCALE: N.T.S.



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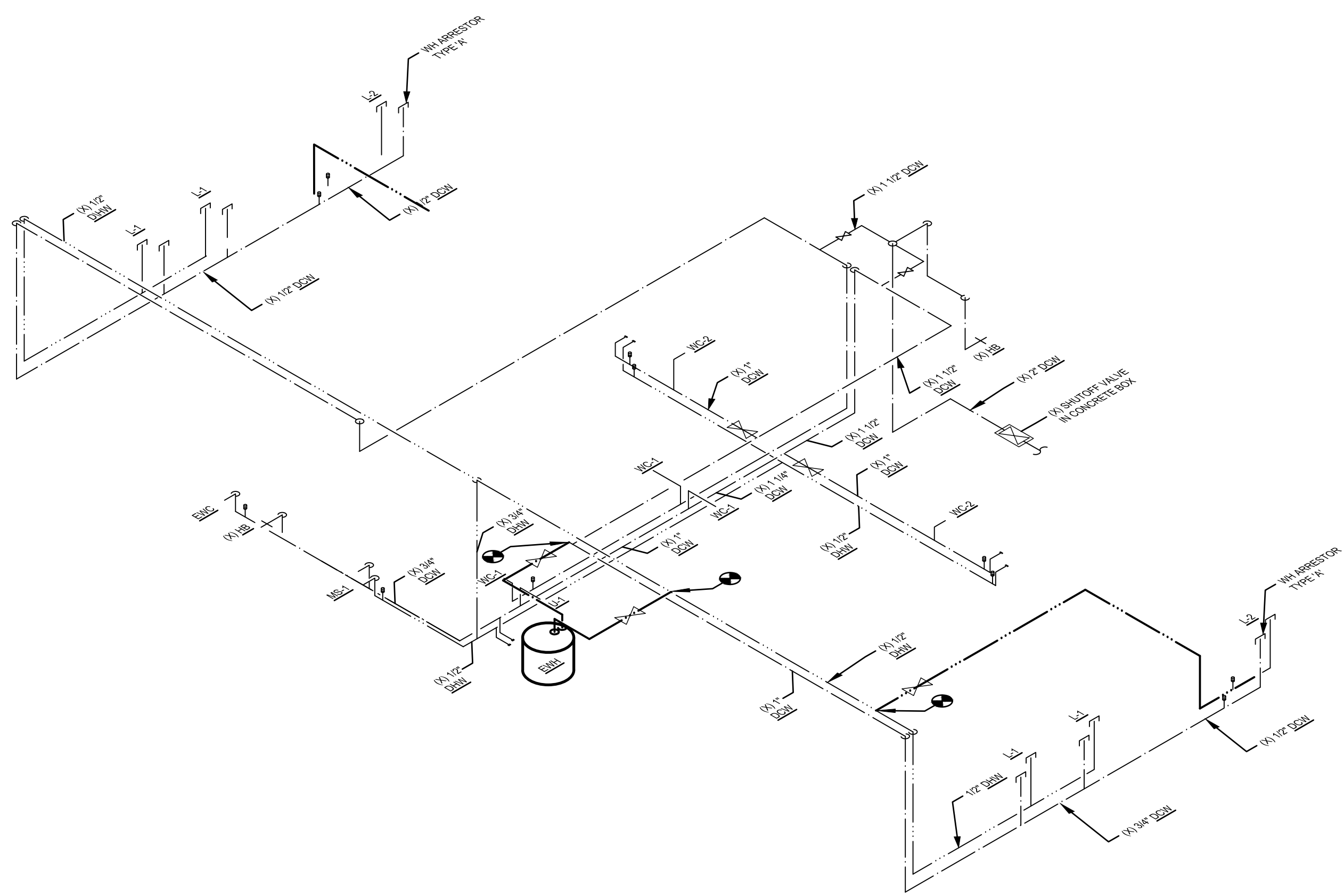
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
5/31/2019	100% CONSTRUCTION DOCUMENTS		

JOSE R. LIZASOAIN
FLORIDA PROFESSIONAL ENGINEER No. 60785
GRAEF
2300 MAITLAND CENTER PARKWAY, SUITE 210
MAITLAND, FLORIDA 32751
CERT. #4270

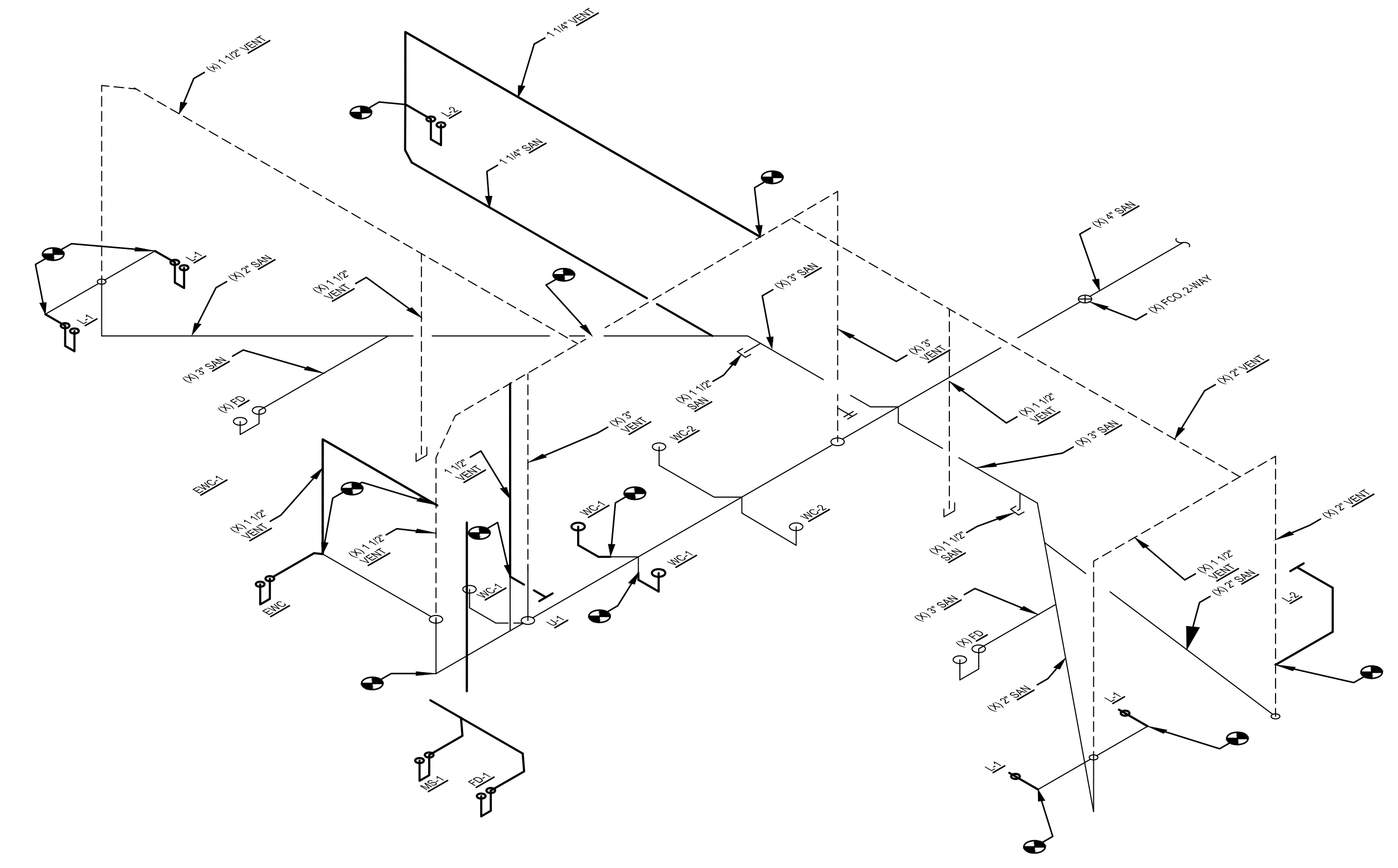
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ADDRESS	COUNTY	FINANCIAL PROJECT ID
1000 NW111 AVE. MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01

AUDITORIUM RESTROOMS - PLUMBING DETAILS

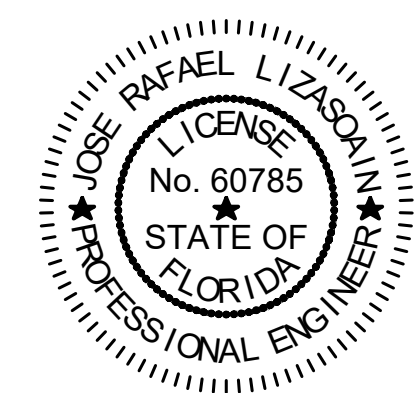
SHEET NO.
AP-401



1 AUDITORIUM RESTROOMS - DOMESTIC WATER RISER
N.T.S.



2 AUDITORIUM RESTROOMS - SANITARY AND VENT WATER RISER
N.T.S.



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REVISIONS				JOSE R. LIZASOAIN FLORIDA PROFESSIONAL ENGINEER No. 60785 GRAEF 2300 MAITLAND CENTER PARKWAY, SUITE 210 MAITLAND, FLORIDA 32751 CERT. #4270	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			AUDITORIUM RESTROOMS - ISOMETRIC PLANS	SHEET NO. AP-701
DATE	DESCRIPTION	DATE	DESCRIPTION		ADDRESS	COUNTY	FINANCIAL PROJECT ID		
5/31/2019	100% CONSTRUCTION DOCUMENTS				1000 NW111 AVE. MIAMI, FL 33172	MIAMI-DADE	442729-1-32-01		

State of Florida
Department of Transportation



EXHIBIT "B"
METHOD OF COMPENSATION

DISTRICT SIX AUDITORIUM RESTROOMS

RENOVATION PROJECT

PROJECT CONTRACT NUMBER: E-6M82
FINANCIAL PROJECT NUMBER: 442729-1-52-01/442729-2-52-01

**EXHIBIT "B"
METHOD OF COMPENSATION**

1.0 PURPOSE:

This Exhibit defines the limits and method of compensation to be made to the Vendor for the services set forth in Exhibit "A" and the method by which payments shall be made.

2.0 COMPENSATION:

For the satisfactory performance of services detailed in Exhibit "A", the Vendor shall be paid up to a Maximum Amount of \$_____. The Maximum Amount shall be made up of:

<u>Title</u>	<u>Section Total Amount</u>
Item 1 --- Section A	\$
Item 2 --- Section B	\$
Item 3 --- Section C	\$

The total Amount for each Item_(section, task, project, etc.) includes all related costs as per described in Exhibit "C" Bid sheet.

*****. The Department, based on need and availability of budget, may increase or decrease the Contract Maximum amount. Execution of this Agreement does not guarantee that the work will be authorized.

3.0 **PROGRESS PAYMENTS**

The Vendor shall submit an invoice (2 copies) upon completion of each (section, task, project, etc) in a format acceptable to the Department. Payment shall be made to the Vendor for the satisfactory completion of

each (section, task, project, etc) as approved by the Department.

Invoices shall be submitted to: Florida Department of Transportation

Attention:

Facilities Services
1000 NW 111th Ave.
Miami, Fl. 33172

The Department's Project Manager or Designee will, at intervals, make progress payments to the Contractor as follows:

PAYMENTS TO CONTRACTOR:

Thirty (30) calendar days shall be allowed for the Department's Project Manager or Designee's inspection and approval of the goods and services for which any application for payment is made. Based upon application for payment submitted to the Department's Project Manager or Designee shall make progress payments to the Contractor against the account of the contract sum in accordance with the following:

- A. Within thirty (30) calendar days from the Department's Project Manager or Designee's receipt and acceptance of a certificate of payment, the Department's Project Manager or Designee shall pay, or cause to be paid to the Contractor, ninety percent (90%) of the portion of the contract sum properly allocable to labor, materials, and equipment incorporated into the work, and ninety percent (90%) of that portion of the contract sum properly allocable to materials and equipment suitably stored at the site or at some other locations agreed upon in writing by the parties, less the aggregate of previous payments.
- B. Neither the Department's Project Manager or Designee nor the Architect-Engineer shall have any obligation to pay or to see to the payment of any monies to any subcontractor except as may otherwise be required by law.

- C. The Contractor shall request such compensation by submitting:
1. A properly completed and notarized Certificate of Partial Payment,
 2. A Schedule of Contract Values, and
 3. Minority Business Enterprises (MBE) Payment Certification

The Contractor shall, within ten (10) calendar days from date of the contract, submit to the Project Manager or Designee for approval two (2) copies of a Schedule of Contract Values which will reflect the estimated cost of each subdivision of work of each specification section. The value of each item shall include a true proportionate amount of the Contractor's overhead and profit. The sum of all such scheduled values shall equal the contract sum.

The approved Schedule of Contract Values will accompany and support the Contractor's periodic Applications for Payment and shall indicate the value of suitably stored material as well as labor performed and materials incorporated into the work for each subdivision of the schedule during the period for which the requisition is prepared.

The Schedule of Contract Values will be utilized to present this and other pertinent information that will facilitate the checking and processing by the Department's Project Manager or Designee's representatives of the Contractor's application for payment.

4.0 FINAL PAYMENT

Within thirty (30) calendar days from the date of Contract Completion, the Department's Project Manager or Designee shall pay or cause to be paid to the Contractor the entire unpaid balance of the then Contract Sum, less the amount of any sums which continue to be retained to satisfy the cost of performing any change in the work which is the subject of any claim or dispute and which has not yet been satisfactorily performed by the Contractor, provided that the parties have not

otherwise stipulated in the Certificate of Substantial Completion, and provided further that the work has been satisfactorily completed, the Contractor's obligations under the contract have been fully performed, and a final Certificate for Payment has been issued by the Department's Project Manager or Designee.

The Contractor shall submit all required documents along with final invoice to the Department's Project Manager or Designee no later than 120 days after the project is completed and final acceptance of work is issued by the Department's Project Manager or Designee

The Contractor's application for FINAL PAYMENT shall be accompanied with the following:

- A. Department's Project Manager or Designee's Certificate of Partial Payment marked "Final Payment" - (4 copies with original signatures and original seals).
- B. Final Schedule of Contract Values.
- C. Contractor's Affidavit of Contract Completion.
 1. Page 1 completed by the General Contractor (Original + 1 copy).
- D. Notice of Release of Lien from each sub-contractor, worker or supplier, who has filed Notices to Department's Project Manager or Designee.
- E. Contractor's Guarantee of Construction for one (1) year from the date of Final Completion.
- F. Copy of the Approval by the Department's Project Manager or Designee and the Transmittal to the Department's Project Manager or Designee of Manuals,

Shop Drawings, As-Built (2 sets of Prints), Brochures, Warranties, and List of Subcontractors, with telephone numbers and addresses.

- G. Other special warranties as required by specifications, in the name of the Department's Project Manager or Designee, and
- H. Fully executed Contractor's Certification of No Asbestos-Containing Materials.

5.0 FINANCIAL CONSEQUENCES

Payment will not be made to the Vendor until the products have been delivered and/or the specified services have been satisfactorily performed and accepted by the Department.

6.0 AUTHORIZATIONS:

The Department will provide written authorization for the project. The Vendor shall not provide services until receipt of the written authorization.

7.0 TANGIBLE PERSONAL PROPERTY:

This contract does not involve the purchase of Tangible Personal Property, as defined in Chapter 273, F.S.

State of Florida
Department of Transportation



EXHIBIT "C"
PRICE PROPOSAL

DISTRICT SIX AUDITORIUM RESTROOMS

RENOVATION PROJECT

PROJECT CONTRACT NUMBER: E-6M82
FINANCIAL PROJECT NUMBER: 442729-1-52-01/442729-2-52-01

Exhibit "C" Bid Price Proposal

FIXED CAPITAL OUTLAY INVITATION TO BID FOR DISTRICT AUDITORIUM RESTROOMS RENOVATION
PROJECT OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) 1000 NW 111 AVENUE

PROPOSERS NAME:	
FEID NUMBER:	
BASE BID ITEMS	AMOUNT
SECTION 1. COST FOR DEMOLITION AND DISPOSAL OF EXISTING TWO BATHROOMS (labor and materials): INCLUDES ALL WALL DEMOLITION, ELECTRICAL WIRING, PIPING AND ANY OTHER MATERIALS NEEDED TO BE DISCONNECTED IN ORDER TO REMOVE THE EXISTING UNITS.	
SECTION 2. COST FOR THE RENOVATION OF TWO BATHROOMS (labor and materials): INCLUDES ANY AND ALL INTERNAL AND EXTERNAL ALTERATIONS,MODIFICATIONS,MOBILIZATION ,MISCELLANEOUS SUPPLIES AND OTHER SERVICES AS INDICATED THROUGHOUT THE SCOPE OF SERVICES.	
SECTION 3. COST FOR PERMITTING: INCLUDES ALL REQUIREMENTS NEEDED BY ALL PERMITTING AGENCIES HAVING JURISDICTION OVER THE SITE SUCH AS BUT NOT LIMITED TO ENGINEERING, DRAWINGS, FEES AND INSPECTION/S REQUIREMENTS.	
TOTAL BASE BID AMOUNT PROPOSED FOR ALL SECTIONS 1 THRU 3.	

AUTHORIZED SIGNATURE / DATE: _____

PRINT NAME & TITLE: _____

State of Florida
Department of Transportation



FCO- NON-TECHNICAL
SPECIFICATIONS

DISTRICT SIX AUDITORIUM RESTROOMS

RENOVATION PROJECT

PROJECT CONTRACT NUMBER: E-6M82

FINANCIAL PROJECT NUMBER: 442729-1-52-01

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

(Facilities & Grounds)

FIXED CAPITAL OUTLAY

* * * * *

**NON-TECHNICAL
SPECIFICATIONS**

- FOR -

**BUILDING CONSTRUCTION
CONTRACTS**

* * * * *

- ~~LEVEL 1: \$35,000 or less~~
- ~~LEVEL 2: \$35,000.01; not exceeding \$65,000~~
- ~~LEVEL 3: \$65,000.01; not exceeding \$200,000~~
- ~~LEVEL 4: \$200,000.01; not exceeding \$500,000~~
- ~~LEVEL 5: Exceeding \$500,000~~

Effective Date: February 22, 2016
(All previous versions are obsolete)

State of Florida

DEPARTMENT OF TRANSPORTATION

Financial Project Number: 442729-1-52-01 / 442729-2-52-01

Project Name: DISTRICT SIX AUDITORIUM RESTROOMS
RENOVATION PROJECT

Project Address: 1000 NW 111th AVE. MIAMI, FL. 33172

County: MIAMI-DADE

**NON-TECHNICAL SPECIFICATION
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**SECTION A
INSTRUCTIONS TO BIDDERS**

A-1 DEFINITIONS

The following terms, when used in the Non-Technical Specifications, have the following meaning:

ADDENDA:

Any additions or revisions to the Non-Technical Specifications, Technical Specifications, or Bidding Documents issued prior to bid opening.

ADVERTISEMENT:

The public announcement, inviting bids for work to be performed or materials to be furnished, usually issued as an "Invitation to Bid".

AGREEMENT:

The written contract between OWNER and CONTRACTOR covering the work; other Contract Documents are attached to or referred in the Agreement. All such documents shall be deemed to be a part of the Agreement for all purposes.

ARCHITECT-ENGINEER:

The Design Professional registered in the State of Florida, who develops criteria and concept for the project, performs the analysis, and is responsible for the preparation of the contract plans and specifications. The Architect-Engineer may be an employee of the Owner or a consultant retained by the Owner.

ASBESTOS:

Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.

AWARDS (SELECTION) COMMITTEE:

The Awards Committee shall be appointed by the Assistant Secretary or designee for Central Office Projects, and by the District Secretary or designee for District Projects, and will consist of at least three voting members, of which at least two are equivalent to a Director's level.

BID:

The offer of a bidder, on the prescribed form, to perform the work and to furnish the labor and materials at the prices quoted.

BID BLANK:

The form attached to the front of an awarded contract which identifies the bidder, financial project number, calendar days, contract number, total contract sum, date of execution, etc.

BIDDER:

An individual, firm, partnership, or corporation submitting a bid proposal for proposed work.

BID GUARANTY:

The security furnished by the bidder as guaranty that the bidder will enter into the contract for the work if the Owner accepts the proposal.

BID PROPOSAL:

The offer of a bidder to perform work and furnish the labor and

materials at the prices quoted using the Owner's prescribed form.

BONDS (Performance Bonds and Materials & Labor Bonds):

The security furnished by the Contractor and the surety as a guaranty that the Contractor will fulfill the terms of the contract in accordance with the plans, specifications, and other contract documents, and pay all legal debts pertaining to the construction of the project.

BUILDING OFFICIAL:

Permitting Office Official from Local Building Authorities.

CALENDAR DAY:

Every day shown on the calendar, ending or beginning at midnight.

CHANGE ORDER:

The Contractor or Owner shall respectively be entitled to an increase or decrease in the contract sum when conditions of the work described in the contract are changed, resulting in greater or less cost or time.

CONTRACT AGREEMENT:

Contract Agreement is the document executed by both the Contractor and the Owner.

CONTRACT DOCUMENTS:

The written agreement between the Owner and Contractor setting forth the obligations of the parties thereto, including, but not limited to, the performance of the work, the furnishing of labor and materials, and the basis of payment. The Contract Documents shall include the advertisement, proposal, non-technical and technical specifications, plans, contract agreement, contract bond, Notice to Proceed to mobilize on site and to proceed with construction, incorporated portions of A1A Document A-201, addenda, any change orders required, and if necessary, technical and non-technical special provisions, to complete the project in an acceptable manner.

CONTRACT LEVELS (Increments of contract dollar value based on estimated cost of the contract):

- LEVEL 1-Contract Sum Agreement of \$35,000.01 or less
- LEVEL 2-Contract Sum Agreement of \$35,000.01-\$65,000
- LEVEL 3-Contract Sum Agreement of \$65,000.01-\$200,000
- LEVEL 4-Contract Sum Agreement of \$200,000.01-500,000
- LEVEL 5: Contract Sum Agreement exceeding \$500,000

CONTRACT LETTING:

The date the Owner opens the bid proposals.

CONTRACT TIME:

The number of calendar days allowed for completion of the contract work, including authorized time extensions. When a calendar date of completion is stipulated in lieu of a number calendar days, the contract shall be completed by such calendar date.

CONTRACTOR:

The bidder awarded and executed a contract to perform work or to furnish materials for the Owner.

DESIGN PACKAGE:

The drawings and specifications and/or other graphic or written materials, criteria and information concerning Owner's

requirements for the Project, such as design objectives and constraints, scope of services, specifications, space, capacity and performance requirements, flexibility and expandability, which show or describe the character and scope of, or relate to, the Work to be performed or furnished as which have been prepared by the Owner.

HOLIDAYS:

Days designated in Section 110.117, Florida Statutes, which include, but are not limited to: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and the following Friday, and Christmas Day.

LAWS and REGULATIONS:

Any and all applicable laws, rules, regulations, ordinances, codes and orders of any and all governmental bodies, agencies, authorities and courts having jurisdiction.

MAINTENANCE:

The upkeep, preservation of condition, or the sustaining of operation of a facility, building, portion of building, utility, parking lot, structure, or real property.

NON-TECHNICAL SPECIFICATIONS:

Non-Technical Specifications is the document titled "Building Construction Contract, Non-Technical Specifications" complete with all exhibit attachments thereto, and incorporated Articles from the AIA Document A201 entitled "General Conditions of the Contract for Construction" -1997 Edition, as modified herein.

NOTICE TO PROCEED:

A written notice given by Owner's Project Manager to the Contractor authorizing the Work to begin and fixing the date on which the Contract Time will commence to run.

OWNER:

Florida Department of Transportation

OWNER'S PROJECT MANAGER:

The Owner's authorized representative identified as project manager throughout the Contract Document.

PLANS:

The approved plans, including reproduction thereof, showing the location, character, dimensions, and details of the work to be done.

PROHIBITED HAZARDOUS MATERIALS:

Prohibited hazardous materials include asbestos-containing materials, lead, cadmium, beryllium or other Federal or State prohibited hazardous materials.

PROJECT:

Any facility, building, portion of building, utility, parking lot, structure, or other improvement to real property requiring construction, renovation, repair, modification, or demolition.

REPAIRS:

Restoration to an acceptable original state of a decayed, broken, deteriorated, or demolished facility, building, portion of building, utility, parking lot, structure, or other real property.

RESPONSIVE BIDDER:

Contractor who has submitted a bid proposal conforming to all materials in respect to the invitation to bid or request for

proposal.

RESPONSIBLE BIDDER:

Contractor with the capability in all respects to fully perform the contract requirements, and the integrity and reliability to assure good faith performance.

SPECIAL INSPECTOR (Threshold Buildings)

Inspectors registered and licensed by the Department of Business Professional Regulation to perform inspections on Threshold Buildings. These services are required by the Florida Building Code.

SPECIAL PROVISIONS:

Any additions or revisions setting forth additional or varying conditions from the Non-Technical / Technical Specifications for a specific project.

STATE:

State of Florida.

SUBSTANTIAL COMPLETION:

The term "Substantial Completion" shall mean the project under the contract is sufficiently completed in accordance with the Contract Documents, with all life safety and code items connected and operating correctly, so the Owner can occupy or utilize the work or designated portions thereof for the use for which it is intended, as expressed in the Contract Documents. The term "Substantial Completion" shall not mean the inclusion of such minor alterations and patching as the Final Inspection shall disclose.

SURETY:

The corporate body which is bound by the contract bond and for the Contractor and which agrees to be responsible for acceptable performance of the work for which the contract has been made and for payment of all debts pertaining thereto.

TECHNICAL REVIEW COMMITTEE (TRC):

TRC consists of the Contracts Administrator, FCO Coordinator, and Project Manager, who shall review the bids and determine the lowest responsive bidder. The TRC shall forward its recommendation to the Awards (Selection) Committee for making a determination in award or non-award of the FCO Project.

TECHNICAL SPECIFICATIONS:

Technical Specifications for a specific project are prepared, signed and sealed by the Architect-Engineer and then included in the contract documents.

THRESHOLD BUILDING:

Threshold Building means any building which is greater than three stories or 50 feet in height, or which has an assembly occupancy classification that exceeds 5,000 square feet in area and an occupant content of greater than 500 persons.

VALID BID:

A bid submitted by a qualified responsible bidder in response to the bid documents. Owner determines validity of the bid.

WORK:

All labor, materials, and incidentals required for the design and construction of the improvement for which the contract is made, including superintendence, use of equipment and

tools, and all services and responsibilities prescribed or implied, which are necessary for the complete performance by the Contractor of its obligations under the contract. Unless otherwise specified herein or in the contract, all costs of liability and performing the work shall be at the Contractor's expense.

WORKING DAYS:

All weekdays that state offices are open for business, unless specified otherwise in a non-technical special provision.

A-2 BIDDER QUALIFICATION REQUIREMENTS

NOTE: Prequalification requirements for submitting a bid and contract award are identified below (see Section A-1 for definition of "Contract Level"). Failure of the Bidder to strictly meet and follow these qualification requirements may result in bid rejection or disqualification of contract award.

There are two steps in qualifying to perform construction of State projects, one of which is prequalification for submitting a bid, and the second is prequalification for contract award:

Prequalification for submitting a bid (all Contract Levels, regardless of dollar amount):

- A. Current state contractor license certification or registration as required under Florida Statutes.
- B. Current corporate charter registration - if the potential Bidder is a domestic (Florida) corporation, or has authority to transact business in Florida, if the potential Bidder is a foreign (non-Florida) corporation, as may be required by Florida law.
- C. On projects requiring a Contractor with specific expertise and experience, the Owner may include additional prequalification requirements relative to demonstrated performance of similar work, similar size and complexity, and possession or availability of facilities or equipment needed to performance of the work identified for the project.
- D. For bids exceeding \$100,000, a bid proposal guarantee of 5% of the bid amount must accompany the bid proposal, or the bid shall be deemed non-responsive and rejected. Bid proposal guarantee may be in the form of a certified check, cashier's check, treasurer's check, bank draft, or bid bond. No bid proposal guarantee is required for bids less than \$100,000.

Bids are to be accepted only from potential Bidders who have prequalified in accordance with above items A, B, C, and D, as applicable, and as set forth in the Invitation to Bid. To participate in the bid process, each potential Bidder shall be prequalified by the Owner for the specific field or area of construction based on the Bidder's experience, financial resources and area of license or certification as identified in the Invitation to Bid.

Each potential Bidder will be notified by the Owner to which it applied for prequalification of its eligibility or ineligibility to submit bids. Any Bidder or potential Bidder that is determined to be ineligible because of failure to provide evidence of the minimum requirements will not be qualified to submit a bid.

Each potential Bidder notified of its eligibility may submit a bid at the time and place designated in the bidding documents as long as the Bidder is qualified and eligible to perform the work required by the bidding documents.

Prequalification for contract award:

All Contract Levels, regardless of the dollar amount, require:

- A. Satisfactory compliance with bid prequalification criteria, as applicable (see above).
- B. Bidder shall provide prior to the Owner's execution of the construction contract, evidence of insurance in effect that is equal to or exceeds the limits and types of coverage required by the bidding document.
- C. If specific expertise and experience are required (as mentioned earlier in this section and also identified in the Invitation to Bid), the Bidder must provide documentation of the specific expertise and experience its staff possesses to perform a project requiring unique or specialized capabilities.

Additional requirements for award of projects with bids exceeding \$100,000 are:

- A. On projects where the bid exceeds \$100,000, unless such requirement has been waived by the Owner and identified in the Invitation to Bid, the Bidder must provide within two (2) working days of being notified it is the lowest responsive qualified Bidder, evidence of ability to provide the necessary performance and payment bonds for the project by providing a letter of intent to provide a 100 percent (100%) Performance Bond and a 100 percent (100%) Labor and Material Payment Bond from a surety company authorized to do business in the State of Florida by the Department of Insurance, and meeting the financial and performance rating required by the bid documents. For contract amounts not exceeding \$500,000, the provisions of Section 287.0935, Florida Statutes, shall govern.
- B. ~~On projects exceeding \$200,000 the lowest responsive Bidder must provide within seven (7) working days of being notified it is the lowest responsive qualified bidder, a completed "Experience Questionnaire and Contractor's Financial Statement". The Contractor's financial condition must demonstrate that adequate liquid assets and equipment are available to properly perform this project as follows: The value of liquid assets must be no less than one-twentieth (1/20) of the amount of the base bid. Liquid assets shall include cash, stocks, bonds, pre-paid expenses, and receivables, but shall not include the value of equipment.~~
- C. ~~Familiarity with local conditions — On projects exceeding \$200,000, unless waived by the Owner for good cause, the Contractor must agree to establish or have an active office, or an ongoing project located within 300 road miles of the project site.~~
- D. ~~Work Force — On projects exceeding \$500,000, the Contractor must agree to perform not less than fifteen~~

~~percent (15%) of the project management and construction work utilizing its own employees.~~

~~E. Firm Experience — On projects exceeding \$500,000, the Contractor must have successfully completed not less than two projects of similar size and complexity within the last three years, unless otherwise identified in the Invitation to Bid (ITB).~~

~~F. Supervisor — On projects exceeding \$500,000, the Contractor must agree to provide field (on-site) supervision (through a named superintendent for each of the general, concrete forming and placement, masonry, mechanical, plumbing, electrical, and roofing trades, either through the use of its employees, or in the instance of mechanical, plumbing, electrical, and roofing trades, through the use of employees of the subcontractor. In addition, the Contractor shall assign and name a qualified employee to provide scheduling direction to the entire project. Supervisory employees (including field superintendents, foremen, and schedulers at all levels) must have been employed in a supervisory (leadership) capacity of a substantially equivalent level on a similar project for at least two years within the last five years unless otherwise identified in the Invitation to Bid (ITB). The Contractor shall include a resume of experience for each of those employees identified to supervise each trade, and for scheduling, with its submittal of the "Experience Questionnaire and Contractor's Financial Statement".~~

The firm determined by the Owner to have submitted the lowest responsive bid must complete and submit the above required qualification data, as applicable. The Owner will evaluate all data submitted within fourteen (14) days of receipt and determine whether or not the firm is a qualified Bidder. Should the Bidder be judged unqualified, the bid will be rejected and the next lowest responsive bid will be given seven (7) working days to submit its qualification data.

A-3 FAMILIARITY WITH LAWS

The Contractor is required to be familiar with and shall comply with all federal, state, and local laws, ordinances, rules, and regulations that in any manner affect the work. Ignorance on the part of the Contractor will in no way relieve the Contractor of this responsibility.

A-4 FLORIDA PRODUCTS AND LABOR

The Contractor shall comply with Section 255.04, Florida Statutes, which requires that Florida products and labor shall be used on public building contracts where price & quality are equal.

A-5 IN-STATE PREFERENCE

The Contractor is required to give preference to the employment of state residents in the performance of the work on the project if state residents have substantially equal qualifications to those of nonresidents. The term "substantially equal qualifications" means the qualifications of two or more persons among whom the employer cannot make a reasonable determination that the qualifications held by one person are better suited for the position than the qualifications held by the other person or persons. The Contractor must contact the Agency for Workforce Innovation to post the Contractor's employment needs in the state's job bank

system. No contract shall be let to any person refusing to execute an agreement containing the aforementioned provisions, in accordance with Chapter 2010-147, Florida Law. The Design/Build firm shall utilize their own employees for 15% of Management and Work.

A-6 TAXES

Although the Owner is not subject to the Florida Sales and Use Tax, any Contractor who purchases materials or services to be used in the construction of state owned buildings will not be exempt from tax on these materials and services as required by Section 212.08(6), Florida Statutes:

There are also exempt from the tax imposed by this chapter sales made to the United States Government, a state, or any county, municipality or political subdivision of a state when payment is made directly to the dealer by the governmental entity.....This exemption does not include sales of tangible personal property made to contractors employed either directly or as agents of any government or political subdivision thereof when such tangible personal property goes into or becomes a part of public works owned by such government or political subdivision.

The Contractor is liable for all taxes assessed against it with regard to the work done or materials furnished pursuant to the Contract Documents. The Owner is not subject to:

- A. Federal Excise Taxes on materials or appliances that are incorporated into and become a part of the completed improvement.
- B. Federal Tax on transportation of property.

The Owner will furnish the Contractor the necessary Federal Excise Tax Exemption Certificate upon receipt of a copy of the supplier's invoice showing the item or items, the net price, and Federal Excise Tax separately for purchased materials that will be incorporated into the contracted work.

The Bidder shall take these factors into consideration in preparing its proposal, including therein the cost of the State Sales Tax and Use Tax on materials, but excluding the cost of those taxes not applicable.

A-7 ALTERNATES

If the Owner wishes to know the relative or additional construction cost of an alternative method of construction, an alternative use or type of material, or an increase or decrease in scope of the project, these items will be defined as alternates and will be specifically described by the Contract Documents. Alternates will be listed in the Proposal Form in such a manner that the Bidder shall be able to clearly indicate what sums the Bidder will add to, or deduct from its Base Bid.

A-8 ADDENDA

When the Owner and/or Architect-Engineer finds it necessary to supplement, modify, or interpret any portion of the Bid Documents during the bidding period, such procedure will be accomplished by the issuance of written Addenda to the Bid Documents which will then be mailed, transmit electronically or faxed to all prospective Bidders.

A-9 INTERPRETATION OF BID DOCUMENTS

No interpretation of the meaning of the Drawings, Specifications, or other Bid Documents and no correction of any apparent ambiguity, inconsistency, or error therein will be made to any Bidder orally. Every request for such interpretation or correction shall be submitted, in writing, and addressed to the Project Manager. All such interpretations and supplemental instructions will be in the form of written Addenda to the Bid Documents.

Only the interpretation or correction so given by the Owner in writing shall be binding, and prospective Bidders are advised that no other source is authorized to give information concerning, or to explain or interpret, the Bid Documents.

A-10 EXAMINATION OF BID DOCUMENTS AND WORKSITE

Bidders are required, before submitting their proposals, to visit the proposed worksite during the period established by the owner and completely familiarize themselves with the nature and extent of the work and any local conditions that may in any manner affect the work to be performed and the equipment, materials, and labor required.

Bidders are also required to examine carefully any Drawings, Specifications, and other Bid Documents to inform regarding any and all conditions themselves thoroughly and requirements that may in any manner affect the work.

A-11 BASIS FOR BIDDING - TRADE NAMES

For clarity of description and as a standard of comparison, certain equipment, materials, etc., are specified by at least two trade names or manufacturers. To ensure a uniform basis for bidding, the Bidder shall base its Proposal on the particular system, equipment, or material specified. After the contract is let, other equipment, materials, etc., manufactured by other manufacturers may be accepted only if, in the opinion of the Owner, same is equivalent in quality and workmanship and will perform its intended purpose satisfactorily and approval is obtained in writing.

A-12 PREPARATION / SUBMISSION OF BIDS

Each Bidder shall complete the Proposal Form indicating the bid prices thereon in the appropriate spaces for the Base Bid and alternates on which bids are being made. Any erasure or other correction in the proposal may be explained or noted over the signature of the Bidder.

The Contractor's Proposal submittal shall identify with specificity any and all forms of intellectual property rights that either the Contractor or any officer, shareholder, employee, consultant, or affiliate, of the Contractor, or any other entity who contributed in any measure to the substance of the Contractor's Proposal development, have or may have that are in whole or in part implicated in the Proposal. Such required intellectual property rights notice includes, but is not limited to, disclosure of any: issued patents, copyrights, or licenses; pending patent, copyright or license applications; and any intellectual property rights that though not yet issued, applied for or intended to be pursued, could nevertheless otherwise be subsequently the subject of patent, copyright or license protection by the Contractor or others in the future.

This notice requirement does not extend to intellectual property rights as to stand-alone or integral components of the Proposal that are already on the Department's Approved Product List (APL) or Design Standard Indexes, or are otherwise generally known in the industry as being subject to patent or copyright protection.

Proposals containing any conditions, omissions, unexplained erasures, alterations, items not called for, or irregularities of any kind may be rejected by the Owner.

Each bid must give the full business address of the Bidder and state whether it is a sole proprietorship, corporation, partnership, or other specified business entity. The bid must be submitted in a sealed envelope, clearly marked on its face: "SEALED BID - FINANCIAL PROJECT # 442729-1-52-01."

The bid shall be submitted only prior to the time and the place specified in the Invitation to Bid or in accordance with any Addendum issued subsequently to the advertisement. Sealed bid envelopes submitted by mail or by delivery service must be delivered within a separate mail or delivery envelope, also marked "SEALED BID". Bids not delivered in sealed envelopes shall be returned to the Bidder.

A-13 NOTICE OF INTELLECTUAL PROPERTY INTERESTS

The Contractor's Proposal submittal shall identify with specificity any and all forms of intellectual property rights that either the Contractor or any officer, shareholder, employee, consultant, or affiliate, of the Contractor, or any other entity who contributed in any measure to the substance of the Contractor's Proposal development, have or may have that are in whole or in part implicated in the Proposal. Such required intellectual property rights notice includes, but is not limited to, disclosure of any: issued patents, copyrights, or licenses; pending patent, copyright or license applications; and any intellectual property rights that though not yet issued, applied for or intended to be pursued, could nevertheless otherwise be subsequently the subject of patent, copyright or license protection by the Contractor or others in the future. This notice requirement does not extend to intellectual property rights as to stand-alone or integral components of the Proposal that are already on the Department's Approved Product List (APL) or Design Standard Indexes, or are otherwise generally known in the industry as being subject to patent or copyright protection.

A-14 LIST OF SUBCONTRACTORS

NOTE: ~~For contracts exceeding \$200,000, the List of Subcontractors Form shall be required. However, the Owner's Project Manager shall also have the option to require the List of Subcontractor Form on projects below \$200,000, if deemed to be in the best interest of the State. (See Section A-1 for "Contract Level" definition.)~~

In order that the Owner may be assured only qualified and competent subcontractors will be employed on the project, each Bidder shall submit with its bid proposal a complete list of subcontractors who will perform the work for each Division of the Specifications by utilizing the List of Subcontractors Form. On this form, the Contractor, is responsible for identifying, if applicable, whether the subcontractor is a

certified or non-certified Minority Business Enterprise (MBE) contractor. However, whether or not the subcontractor is an MBE shall in no way influence the bid selection, order of acceptance, or cause rejection of a bid. The Bidder shall have determined to its complete satisfaction that a listed subcontractor has been successfully engaged in the particular type of business for a reasonable length of time, has successfully completed installations comparable to that which is required by this Contract Agreement and is qualified both technically and financially to perform that pertinent phase of this work for which he/she is listed. Only one subcontractor shall be listed for each phase of the work.

Any Bidder who lists a subcontractor not certified and/or registered by the State to perform the work of the required trade, if such certification or registration is required for the trade by Florida law, will be rejected as non-responsive. No change shall be made in the list of subcontractors, before or after the award of a contract, unless agreed to in writing by the Owner.

A-15 WITHDRAWAL OF BIDS

Any time prior to bid opening, bids may be withdrawn by the Bidder submitting a written or fax request to do so. However, negligence on the part of the Bidder in preparing the bid confers no right for withdrawal of the bid after it has been opened.

A-16 DISQUALIFICATION OF BIDDERS

More than one bid from an individual, firm, partnership, corporation, or association under the same or different names will not be considered. Reasonable grounds for believing that a Bidder is interested in more than one proposal for the same work will cause the rejection of all proposals in which such Bidders are believed to be interested.

A-17 RECEIPT AND OPENING OF BIDS

NOTE: *Level 1 contracts require verbal quotes from at least 2 business entities. Level 2 and 3 contracts require that at least 3 business entities are requested to submit a bid and the bids to be publicly opened and read aloud. There are no statutory requirements to advertise Contract Levels 1, 2, or 3. However, advertisement is authorized if the Owner's Project Manager determines it to be in the best interest of the State. Statutory requirements for advertising Contract Levels 4 and 5 contracts are as follows: ~~Level 4 contracts require advertisement in the Florida Administrative Weekly at least 21 days before letting, and Level 5 contracts require advertisement in the Florida Administrative Weekly at least 30 days before letting, as well as, advertisement in a local newspaper at least 30 days once before letting and 5 days before, if applicable, the pre-bid meeting. Both Levels 4 and 5 require sealed proposals be requested, publicly opened, and the bids read aloud. (See Section A-1 for "Contract Level" definition.)~~*

Bids that require public bid opening shall be read aloud (see above note) at the time and place stated in the Bid Documents. The person whose duty it is to open bids will decide when the specified time has arrived and that no bids

received thereafter will be considered. No responsibility will be attached to the Owner or any person for the premature opening of a bid not properly addressed and identified. **No fax bids will be accepted. Each bid must carry the original signature of the individual authorized to sign the bid on behalf of the firm submitting the bid.**

A-18 DISQUALIFICATION OF BIDS

Any or all proposals will be rejected if there is reason to believe that collusion exists among the Bidders and no participants in such collusion will be considered in future proposals for the same work. Falsification of any entry made on the Contractor's bid proposal will be deemed a material bid deviation and will be grounds for rejection.

A-19 REJECTION OF BIDS

The Owner reserves the right to reject any and all bids under any of the circumstances prescribed in Rule 60D-5.0071, Florida Administrative Code, and to negotiate the contract in accordance with Rules 60D-5.008 and 60D-5.0091, Florida Administrative Code, if the lowest qualified bid exceeds the project construction budget.

A-20 NOTICE AND PROTEST PROCEDURES

NOTIFICATION:

- A. Bid Solicitation: The Owner shall provide notice of its decision or intended decision concerning a bid solicitation by advertising for bids and distribution of bid documents.
- B. Contract Award: The notice of a decision or intended decision on contract award or bid rejection shall be given by posting the Bid Tabulation at the location identified in the advertisement. In the event the Notice of Intent cannot be posted in this manner, all bidders will be notified.

PROTEST:

- A. Any person who is adversely affected by the Owner's decision or intended decision shall file with the Department of Transportation, Clerk of Agency Proceedings, Office of General Counsel, 605 Suwannee Street, MS 58, Tallahassee, Florida 32399-0450, a notice of protest in writing within 72 hours, excluding Saturday, Sunday, and State holidays, after receipt of the bid documents if the protest is directed toward the bid documents, or after the notice of the Owner's decision or intended decision on contract award or bid rejection if the protest is directed toward contract award or bid rejection.
- B. Thereafter, a formal written protest by petition in compliance with Sections 120.569 and 120.57, Florida Statutes, and Rule Chapter 28-110, Florida Administrative Code, must be filed with the Department of Transportation, Clerk of Agency Proceedings, Office of General Counsel, 605 Suwannee Street, MS 58, Tallahassee, Florida 32399-0450, within ten (10) days after the date the notice of protest was filed.
- C. Failure to file a timely notice of protest or failure to

file a timely formal written protest petition shall constitute a waiver of protest proceedings. Any protest filed prior to posting of the bid tabulation or receipt of the notice of the Owner's decision or intended decision will be considered abandoned unless renewed within the time limit provided for protests.

evaluation of the bids based on first cost and life cycle cost and performance criteria, the lowest bid will be the bid by the firm whose bid products are determined to yield the lowest total cost in accordance with the criteria set forth in the Bid Documents.

OWNER ACTION

- A. Upon receipt of a notice of protest that has been timely filed, the Owner shall delay the contract award process until the subject of the protest is resolved by mutual agreement between the parties or by final Owner action, unless the Owner sets forth in writing particular facts and circumstances which require the continuation of the bid solicitation process or the contract award process without delay to avoid an immediate and serious danger to public health, safety, or welfare. If the petition is not filed within the time stated above, the contract award process may continue as if the notice of protest had not been filed.
- B. Upon receipt of the formal written protest petition which has been timely filed, the Owner shall attempt to resolve the protest by mutual agreement between the parties within seven (7) days, excluding Saturday, Sunday, and State holidays.
- C. If the protest is not resolved by mutual agreement within said seven (7) days, and if no disputed issue of material fact is involved, the Owner shall schedule an informal proceeding pursuant to Section 120.57(2), Florida Statutes, and Rule Chapter 28-110, Florida Administrative Code.
- D. If there is a disputed issue of material fact, the protest shall be referred to the Division of Administrative Hearings of the Department of Administration, State of Florida, for a formal proceeding pursuant to Sections 120.57(1) and 120.569, Florida Statutes.

A-22 NOTICE TO PROCEED, SECURE AND PAY FOR UTILITY CONNECTIONS; AND TIME OF COMPLETION (SUBSTANTIAL AND FINAL)

The contract will be issued to the Contractor after it is signed. At that time, the Contractor will be given a Notice to Proceed. **The contract time will begin the day the Notice to Proceed is sent to contractor.**

The Contractor is allowed thirty (30) calendar days from the time of this notice to secure and pay for those required permits and utility connections, if such connection fees are required before construction can start. Special permits such as tree removal, Water Management District, Dept. of Environmental Regulation, septic tank, demolition, etc., may be necessary before construction can start. These special permits may be obtained by the contractor prior to the issuance of the building permit. Work under specialty permits may begin when the specialty permit is obtained by the contractor. Work on the building cannot begin until the building permit has been obtained except as permitted under a specialty permit. If additional time is required, the Contractor will request approval of a time extension for good cause for the purpose of obtaining any permit required prior to commencing construction on the site.

The work to be performed under this contract shall be commenced within ten (10) calendar days after date of Notice to Proceed shall be substantially completed within 180 calendar days after the date of this Notice to Proceed, and shall be finally completed within 30 calendar days after the date of substantial completion. Time is of the essence as to each and every obligation under this contract.

A-21 DETERMINATION OF SUCCESSFUL BIDDER

All projects except where competitive bidding is waived under the provisions of Rule 60D-5.008, Florida Administrative Code, will be publicly bid in accordance with the provisions herein. An award of contract will be made to the responsive Bidder, determined to be qualified in accordance with the provisions herein and meeting the requirements of the bidding documents, that submits the lowest valid bid for the work. The lowest responsive bid will be determined as follows:

- A. The lowest bid will be the bid from the responsive Bidder that has submitted the lowest price for the base bid, or if applicable, the base bid plus the additive alternates or less the deductive alternates selected by the Owner to be included in or excluded from the proposed contract, taken in numerical order listed in the bid documents. The Owner may select the order of alternates in any sequence so long as such acceptance out of order does not alter the designation of the low Bidder.
- B. On projects whose Bid Documents provide for

A-23 LIQUIDATED DAMAGES

Inasmuch as failure to complete the project within the specified timeframe will result in substantial injury to the Owner, and as damages arising from such failure cannot be calculated with any degree of certainty, it is hereby agreed that if the project is not substantially completed within the specified time indicated in Section A-21, the Contractor shall pay to the Owner as liquidated damages for such delay, and not as a penalty, \$676.00 for each and every calendar day elapsing between the date fixed for substantial completion and the date such substantial completion shall have been fully accomplished. It is also hereby agreed that if this project is not finally completed, in accordance with the requirements of the Contract Documents, the Contractor shall pay to the Owner as liquidated damages for such delay, and not as a penalty, as indicated below. Said liquidated damages shall be payable in addition to any excess expenses or costs payable by the Contractor to the Owner, and shall not exclude the recovery of damages by the Owner under other provisions of the Contract Document. This provision of liquidated damages for delay shall in no manner affect the Owner's right to terminate the contract. The Owner's exercise of the right to terminate shall not release the Contractor from its obligation to pay said liquidated damages as follows:

Original Contract Amount-Daily Charge Per Calendar Day

\$50,000 and under	\$554
Over \$50,000, but less than \$250,000	\$676
\$250,000, but less than \$500,000	\$994
\$500,000, but less than \$2,500,000	\$1216
\$2,500,000, but less than \$5,000,000	\$2406
\$5,000,000, but less than \$10,000,000	\$3218
\$10,000,000, but less than \$15,000,000	\$3182
\$15,000,000, but less than \$20,000,000	\$7614
\$20,000,000 and over	\$7614, plus 0.00027% for any amount over \$20 million

The Owner is entitled to completion of the project within the time specified in Section A-21, or within such further time, if any, as may be allowed in accordance with the provisions of the contract. In the event of termination of the contract by the Owner for cause prior to completion, the Contractor shall be liable to the Owner for the expenses for additional managerial and administrative services and also for the per diem liquidated damages agreed above: 1) for each day the Contractor is in arrears in its work at the time of said termination as determined by the Architect-Engineer, or Owner, and 2) for each day of thirty (30) additional calendar days hereby stipulated and agreed to be the time it will require the Owner to effect another contract for completion of the project and for resumption of work thereon. Provided, however, that the sum of 1 and 2 above shall not exceed the number of days beyond the original agreed completion date, or any extension thereof as herein provided, reasonably required for completion of the project. It is further agreed that the Owner may deduct from the balance retained by the Owner, the liquidated damages stipulated therein for delay or termination, as the case may be, or such portions thereof as the said retained balance will cover.

A-24 PERMITS

The Contractor is obligated to obtain and pay for all required building permits including site and environmental from state and local authorities having jurisdiction for construction of this project including State Fire Marshal.

In the case of plumbing, electrical, other internal system permits and connection permits, the Contractor is obligated to obtain such permits and pay such fees. The Contractor shall determine the permits and fees required by any entity having jurisdiction over any part of the project and shall include the cost of all such permits in its bid proposal. Unless otherwise agreed to in writing by the Owner and Contractor, the Notice to Proceed will be issued to Mobilize and to proceed with Construction as provided in Section A-21.

A-25 BID GUARANTY

NOTE: *If the bid amount is less than \$100,000, no bid guaranty is required, however, if the bid amount exceeds \$100,000, a 5% bid guaranty of the bid amount must accompany the bid proposal, or the bid shall be deemed non-responsive and rejected.*

On projects where the base bid, and the sum of all additive alternates exceed \$100,000, a five percent (5%) bid guaranty shall accompany the bid proposal. The bid guaranty shall be in the form of a certified check, cashier's check, treasurer's check, bank draft, or bid bond made payable to the Owner.

Such check or bid bond shall be submitted with the understanding that it shall guaranty the Bidder will not withdraw the bid for a period of forty (40) days after the scheduled closing time for the receipt of bids; and that if the bid is accepted, the bidder will enter into a written contract with the Owner in accordance with the form of agreement included as a part of the Contract Documents, and that the required performance bond and labor and material payment bond will be given; and that failure to execute the Contract Agreement and give said bonds within ten (10) calendar days after the Bidder received notice of acceptance of its bid, the Bidder shall be liable to the Owner for the full amount of the bid guaranty as representing the damage to the Owner on account of the default of the Bidder in any particular hereof.

Bid guaranties shall be returned to all except the two apparent lowest qualified Bidders after the formal opening of bids. The remaining bid guaranties will be returned to the two lowest Bidders after the Owner and the accepted Bidder have executed the Contract Agreement and the performance bond and labor and material payment bond have been approved by the Owner. If the required Contract Agreement and bonds have not been executed within forty (40) calendar days after the date of the bid opening, the bid guaranty of any Bidder will be returned upon request, provided the Bidder has not been notified of the acceptance of its bid prior to the date of such request.

A-26 SURETY COMPANIES ACCEPTABLE TO STATE

NOTE: *If the bid amount is less than \$100,000, no bid guaranty is required. If the bid amount exceeds \$100,000, a bid guaranty of 5% of the bid amount must accompany the bid proposal, or the bid shall be deemed non-responsive and rejected. If the total contract sum is \$100,000 or less, no Performance Bond or Materials and Labor Bond is required. If the contract sum exceeds \$100,000, a Performance Bond of 100% and Labor and Materials Bond of 100% shall be required. If increases are made to the original contract sum, the Contractor shall also furnish the Owner with additional bonding equivalent to the increases.*

To be acceptable to the State as Surety for Bid Bonds, Performance Bonds, and Labor and Material Payment Bonds, a Surety Company shall comply with the following provisions:

- A. The Surety Company shall have a currently valid Certificate of Authority, issued by the State of Florida, Department of Insurance, authorizing it to write surety bonds in the State of Florida.
- B. The Surety Company shall have currently valid Certificate of Authority issued by the United States Department of Treasury under Sections 9304 to 9308 of Title 31 of the United States Code.
- C. The Surety Company shall be in full compliance with the provisions of the Florida Insurance Code.
- D. The Surety Company shall have at least twice the minimum surplus and capital required by the Florida Insurance Code at the time the invitation to bid is

issued.

listed subcontractors.

E. ~~If the contract sum exceeds \$500,000, the Surety Company shall also comply with the following provisions:~~

~~1. The Surety Company shall have at least the following minimum ratings in the latest issue of Best's Key Rating Guide.~~

Contract Amount	Policy Holder's Rating	Required Financial Rating
Up to 1,000,000	A	CLASS I
1,000,000-2,000,000	A	CLASS II
2,000,000-5,000,000	A	CLASS III
5,000,000-10,000,000	A	CLASS IV
10,000,000-25,000,000	A	CLASS V
25,000,000-50,000,000	A	CLASS VI
50,000,000-100,000,000	A	CLASS VII

~~2. The Surety Company shall not expose itself to any loss on any one risk in an amount exceeding 10 percent (10%) of its surplus to policyholders, provided:~~

~~a. Any risk or portion of any risk being reinsured shall be deducted in determining the limitation of the risk as prescribed in this section. These minimum requirements shall apply to the reinsuring carrier providing authorization or approval by the State of Florida, Department of Insurance to do business in this state has been met.~~

~~b. In the case of the surety insurance company, in addition to the deduction for reinsurance, the amount assumed by any co-surety, the value of any security deposited, pledged, or held subject to the consent of the surety and for the protection of the surety shall be deducted.~~

A-27 SUBCONTRACTOR DATA

NOTE: The List of Subcontractors Form shall be required on all Contract Levels 4 and 5. However, the Owner's Project Manager may also require this form on Contract Levels 1, 2, or 3, if deemed in the best interest of the State. (See Section A-1 for "Contract Level" definition).

Within two (2) working days after bid opening, the apparent low Bidder shall submit to the Owner's Project Manager the following for each subcontractor.

- A. Corporate Charter Number, (If applicable),
- B. License Number,
- C. Name of record license holder, and
- D. Complete name, address, and phone number for

A-28 MINORITY BUSINESS ENTERPRISES (MBE) UTILIZATION

The Owner encourages the recruitment and utilization of certified and non-certified minority businesses. The Owner, its contractors, suppliers, and consultants should take all necessary and reasonable steps to ensure that minority businesses have an opportunity to compete for and perform contract work for the Owner in a nondiscriminatory environment. Each invoice for contracts with a MBE subcontractor, supplier, or sub-consultant must be accompanied by a MBE Payment Certification, Form No. 375-030-31. The Owner's Project Manager will reject any invoice for agreements with MBE subcontractor, supplier, or sub-consultant participation if the MBE Payment Certification (Form No. 375-030-31) is not included. This form is required for each invoice submitted, even if there is no MBE participation during the invoice period. For each invoice submitted, the Owner's Project Manager is responsible for forwarding a copy of the MBE Payment Certification to the Central Procurement Office.

Additionally, the Contractor is also responsible for identifying on the List of Subcontractors Form, if applicable, whether or not the subcontractor is a certified or non-certified MBE.

A-29 SCRUTINIZED COMPANIES / E-VERIFY

The Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require all subcontractors performing work or providing services pursuant to the contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract period.

**SECTION B
CONDITIONS OF THE CONTRACT**

B-1 ORDER OF DOCUMENTS

All exhibits attached hereto are made a part of the Contract Documents. In cases of conflict in the Contract Documents, the governing order shall be as follows:

- A. Non-Technical Special Provisions (addenda to the Non-Technical Specifications)
- B. Non-Technical Specifications
- C. AIA Document A-201
- D. Technical Special Provisions (modifying the Technical Specifications)
- E. Technical Specifications and addenda
- F. Plans and addenda

The Owner delegates authority to the Architect-Engineer where Contract Documents reference Architect-Engineer approval. However, the Owner reserves the right of final approval on all issues contained in the Contract Documents.

B-2 EXECUTION OF BID PROPOSAL, CONTRACT AGREEMENT AND BONDS

SOLE PROPRIETOR:

If the Contractor is a firm or company owned by an individual, the Contract Agreement shall be executed in the name of the firm or company by the manual signature of the Owner or sole proprietor.

PARTNERSHIP:

If the Contractor is a partnership, the Contract Agreement shall be executed in the name of the partnership by the manual signature of one or more general partner(s), as provided in the partnership agreement.

CORPORATION:

If the Contractor is a corporation, the Contract Agreement shall be executed in the name of the corporation and shall bear the corporate seal, if applicable, and is to be signed by the President or the Chief Executive Officer. Other signors need to attach written proof of authority from the corporation.

LIMITED LIABILITY COMPANY:

If the Contractor is a limited liability company, the Contract Agreement shall be executed by an individual with apparent authority, such as manager, managing member, or if the manager or managing member is another business entity, the president or general partner of the identified entity.

JOINT VENTURE:

If the Contractor is a joint venture, the Contract Agreement shall be executed by the designated individual or all individuals required by the joint venture agreement with proof of authority attached.

CONTRACT AGREEMENT BETWEEN OWNER AND CONTRACTOR:

The Contractor shall execute all required forms of the Contract Agreement duly attested or notarized and return within ten (10) calendar days of their receipt. Failure to return all forms

correctly executed within ten (10) calendar days of receipt, without written extension by the Owner, shall constitute an irregularity and deemed grounds, at the Owner's option, for rejection and forfeiture of the Bid Guaranty or at the Owner's option, for the deduction on a day-for-day basis from the time allotted for completion of the work.

PERFORMANCE BOND AND LABOR AND MATERIAL PAYMENT BOND:

These bonds shall be executed on behalf of the Contractor in the same manner and by the same person who executed the Contract Agreement.

B-3 CONTRACTOR'S INSURANCE

The Contractor shall not commence any work in connection with this Contract until the Contractor has obtained all of the following types of insurance and such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work on the subcontract until all similar insurance required of the subcontractor has been obtained and approved by the Contractor. All insurance policies shall be with insurers qualified and doing business in Florida through an authorized Florida Licensed Agent.

WORKERS COMPENSATION INSURANCE:

The Contractor shall obtain and maintain during the life of this Contract Agreement, Workers Compensation Insurance for all employees connected with the work of this project and in any work sublet, the Contractor shall require the subcontractor similarly to provide Workers Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor. Such insurance shall comply fully with the Florida Workers compensation law. In case any class of employees engaged in hazardous work under this contract at the site of the project is not protected under the Workers Compensation statute, the Contractor shall provide, and cause each subcontractor to provide, adequate insurance, satisfactory to the Owner, for the protection of employees not otherwise protected.

CONTRACTOR'S PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE:

The Contractor shall obtain and maintain during the life of this contract COMPREHENSIVE GENERAL LIABILITY AND COMPREHENSIVE AUTOMOBILE LIABILITY INSURANCE sufficient to protect it from claims for damage for personal injury, including accidental death, as well as claims for property damages which may arise from operating under this contract whether such operations are by the Contractor or by anyone directly or indirectly employed by the Contractor, and the amount of such insurance shall be the minimum limits as follows:

- A. **Contractors Comprehensive General Liability Coverage - Bodily Injury & Property Damage = \$300,000.00 Each Occurrence, Combined Single Limit**
- B. **Automobile Liability Coverage - Bodily Injury & Property Damage = \$100,000.00 Each Occurrence, Combined Single Limit**

Insuring clause for both BODILY INJURY AND PROPERTY DAMAGE shall be amended to provide coverage on an OCCURRENCE BASIS.

SUBCONTRACTOR'S PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE:

The Contractor shall require each subcontractor to procure and maintain during the life of this subcontract, the above type of specified insurance or insure the subcontractors activities in the Contractor's policy, as specified above.

OWNER'S AND CONTRACTOR'S PROTECTIVE LIABILITY INSURANCE:

The Contractor shall procure and furnish an Owner's and Contractor's Protective Liability Insurance Policy with the following minimum limits:

- A. Bodily Injury & Property Damage Liability = \$300,000.00 Each Occurrence, Combined Single Limit

"XCU" (EXPLOSION, COLLAPSE, UNDERGROUND DAMAGE):

The Contractor's Liability Policy shall provide "XCU" coverage for those classifications in which they are applicable.

BROAD FORM PROPERTY DAMAGE COVERAGE, PRODUCTS, AND COMPLETED OPERATIONS COVERAGE:

The Contractors Liability Policy shall include Broad Form Property Damage Coverage, Products, and Completed Operations Coverage.

CONTRACTUAL LIABILITY-WORK CONTRACTS:

The Contractor's Liability Policy shall include Contractual Liability Coverage designed to protect the Contractor for contractual liabilities assumed by the Contractor in the performance of this contract.

INDEMNIFICATION:

The Contractor's Liability Policy shall provide a "Hold Harmless" rider as noted on the Owner's Certificate of Insurance Form.

BUILDER'S RISK COVERAGE:

The Contractor shall secure and maintain during the life of this contract, a "Builder's Risk Policy", all Risks Form, and issued on a completed valued basis. Installation Floaters and other inland Marine Forms may be utilized where applicable and are in the best interest of the State.

ASBESTOS-ABATEMENT CONTRACTORS LIABILITY INSURANCE POLLUTION ENFORCEMENT:

The asbestos-abatement Contractor shall procure a pollution endorsement to its public liability insurance, against claim or claims expenses arising from the abatement project, as required by Section 255.56, Florida Statutes. The coverage by the endorsement may be of the claims-made type.

LOSS DEDUCTIBLE CLAUSE:

The State shall be exempt from and in no way be liable for, any sums of money which may represent a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Contractor and/or subcontractor providing such insurance.

CERTIFICATE OF INSURANCE:

The Contractor shall provide the Owner with proof of insurance coverage as specified on the Certificate of Insurance. The Owner's Certificate of Insurance form shall be

completed, signed by the authorized Florida Licensed Agent and returned to the Owner. These certificates shall be dated and show:

- A. The name of the insured Contractor, the specific project by name and job number, the name of the insurer, the number of its effective date, and termination date of the policy, and
- B. A statement that the insured will mail notice to the Owner's Project Manager, and a copy to the Architect-Engineer, at least thirty (30) calendar days prior to any material changes in provisions or cancellation of the policy.

The Contractor is responsible for maintaining the insurance coverage specified on the Certificate of Insurance during the life of the project.

B-4 VERIFICATION OF OWNER'S SURVEY DATA

Prior to commencing any excavation or grading, the Contractor shall satisfy itself as to the accuracy of all survey data as indicated in the plans and specifications and/or as provided by the Owner. Should the Contractor discover any inaccuracies, errors, or omissions in the survey data, the Contractor shall immediately notify the Architect-Engineer in order that proper adjustments can be anticipated and ordered. Commencement by the Contractor of any excavation or grading shall be held as an acceptance of the survey data by the Contractor after which time the Contractor has no claim against the Owner resulting from alleged errors, omissions, or inaccuracies of the said survey data.

B-5 CONSTRUCTION FACILITIES

SANITARY PROVISIONS:

The Contractor shall provide and maintain in a neat and sanitary condition such accommodations for the use of its employees, subcontractors, and agents as may be necessary to comply with regulations of the County or the Department of Health and Rehabilitative Services. No nuisance will be permitted.

TEMPORARY WIRING:

The Contractor shall meet all safety requirements of the National Electric Code, Florida Department of Commerce, Bureau of Workers Compensation, or local requirements. In addition, all wire shall be so sized that it is not over loaded according to the National Electric Code, and any wire used shall be fused to adequately protect that wire according to the National Electric Code.

The Contractor shall have available an adequate number of outlets and each outlet shall be properly and clearly labeled with the maximum voltage and fuse protection. Where temporary lighting is used, outlets shall consist of weatherproof sockets insulated and provided with a locking type wire guard. All devices shall be properly grounded.

STORAGE AND WORK AREAS:

At the start of the operations the Contractor shall make arrangements with the Architect-Engineer's field representative and the Owner's representative for the assignment of storage and work areas. During construction the Contractor shall maintain the areas in a neat condition.

CONTRACTOR FIELD OFFICES:

Trailers may be used for field offices, but their use as living quarters for personnel shall be limited to one staff member such as a night watchman or a superintendent.

UNDERGROUND UTILITIES:

The Contractor shall meet all requirements of the United States Department of Labor Occupational Safety and Health Administration (OSHA) in the performance of work related to excavations for underground utilities, foundations and other subsurface work. The Contractor shall conduct thorough training on OSHA standards and requirements on a continuing and regular basis throughout the execution of such work.

Additional instructions regarding Construction Facilities are set forth in Section C entitled "Special Conditions."

B-6 PROJECT DRAWINGS - COPIES FURNISHED TO CONTRACTOR

The Owner will provide the Contractor with four (4) set of signed and sealed drawings (11"x17" format) and specifications in electronic format or printed as needed for permitting and one set of signed and sealed plans and specifications in electronic format upon contract award.

B-7 PROJECT DRAWING – CHANGES

The Contractor shall immediately indicate plainly and conspicuously on the field set of drawings and at appropriate paragraphs in the specifications, all changes or corrections made by Addenda and Change Orders as they are issued.

B-8 INSPECTIONS - ALL PROJECTS

In addition to any special structural inspections of threshold buildings, all projects will require detailed code compliance inspections by the local authorities with jurisdiction over the area in which the project is located. The disciplines normally include, but are not necessarily limited to, structural, mechanical, electrical, plumbing and general building. The Contractor shall make all permits, drawings, specifications, previous inspection reports, and change documents available to code inspectors.

The contractor shall provide a copy of each inspection report to the Architect-Engineer in a timely fashion.

OTHER INSPECTIONS:

- A. Department of Business and Professional Regulation has responsibility for elevator inspections.
- B. State Fire Marshal has responsibility for inspecting facilities in accordance with the Uniform Fire Safety Standards.
- C. Architect-Engineer may have responsibilities, relative to inspections.
- D. Owner representatives may also perform inspections.
- E. There may be other inspections required as specified elsewhere.

The Contractor has responsibilities relative to all types of inspections and is responsible for contacting all of the inspecting entities to determine its responsibilities. All of these inspecting entities have unique and separate responsibilities. One inspection from an entity will not substitute for an

inspection from another entity.

B-9 SHOP DRAWINGS

Shop drawings shall be submitted for manufactured or fabricated materials as called for in the separate specification sections. Drawings shall be fully identified by project name, location, suppliers' name, date, drawing number, specifications section reference, etc. The Contractor shall submit electronically, with such promptness as to cause no delay in the work, or in the work of any other Contractor, One (1) copy of all shop drawings, and schedules, required for the work of the various trades, to the Owner for distribution and approval. The Contractor shall make no deviation from the approved drawings, and the changes made thereto by the Architect-Engineer, if any.

It is the responsibility of the Contractor to properly schedule the submission of shop drawings for approval to allow adequate time for checking drawings, manufacture, and shipment of items to job site in sufficient time to prevent delay in Progress Schedule.

It is also the responsibility of the Contractor to coordinate the preparation of shop drawings of items which will be furnished by more than one manufacturer but are designed to interface when installed.

Shop drawings submitted to the Owner for approval shall first be checked and approved by the Contractor, the prima facie evidence of which shall be a "checked" stamp marked "Approved" or "Approved as Noted" on each copy of each shop drawing, placed thereon by the Contractor. Shop drawings received without the Contractor's "checked" stamp will be cause for immediate return without further action. Each drawing correctly submitted will be checked and marked by the Architect-Engineer in one of the following ways:

- A. Approved as drawn.
- B. Approved as noted.
- C. Returned for correction.
- D. Not approved.

SUBMISSION / APPROVAL OF SHOP DRAWING AND SAMPLE SCHEDULE:

If and when required by the Architect-Engineer, the Contractor shall prepare and submit in triplicate to the Architect-Engineer a complete itemized Schedule of Shop Drawings, brochures, and other descriptive literature, listing each and all such items as required under these specifications, which schedule shall indicate for each required item:

- A. Identification as to pertinent Specification Division.
- B. Item(s) involved.
- C. Name of pertinent subcontractor or supplier and the name of pertinent manufacturer.
- D. Schedule delivery dates of pertinent items to the project.

The subcontractors for all phases of the Contract shall submit through the Contractor complete brochures covering all

materials and/or equipment proposed for use in the execution of the work as required by their respective Divisions of the Specifications. These brochures shall be indexed and properly cross referenced to the plans and specifications for easy identification.

All shop drawings, setting drawings, material brochures, samples, and/or color selection materials which are required and are not included in the foregoing shall be submitted via the Contractor. Insofar as is possible or practical, all shop drawings or descriptive literature of equipment for the mechanical or electrical trades shall be submitted in a complete brochure for each trade as soon as possible after Notice to Proceed is executed.

The Owner will not grant a time extension based on delays due to improper scheduling of work, and the Owner at its discretion, may withhold progress payments until such time as these requirements are fully satisfied.

B-10 REFERENCE TO A.S.T.M. OR FEDERAL SPECIFICATIONS

Where reference is made to the Standard Specifications of the American Society for Testing and Materials (A.S.T.M.): "United States Government Federal Specifications, or to other standard specifications of Associated Manufacturer's Organizations, or trades, in connection with the required quality of materials, methods, etc., then the applicable specifications shall be of the latest revised edition effective as of the date bids are opened by the Owner, unless otherwise expressly provided in the Contract Documents".

B-11 MANUFACTURER'S SPECIFICATIONS

Where the name of a concern or manufacturer is mentioned on drawings or in specifications in reference to this required service or product, and no qualifications or specification of such is included, then the material gauges, details of manufacture, finish, etc., shall be in accordance with the standard practice, direction, or specifications. The Contractor shall be responsible for any infringement of patents, royalties, or copyrights, which may be incurred thereby.

B-12 APPROVAL OF MATERIALS

A list of all materials, equipment, etc., together with manufacturers' drawings and catalog information shall be submitted to the Architect-Engineer for approval prior to ordering material or equipment but not later than forty-five (45) calendar days after receipt of Notice to Proceed. Information submitted shall show the capacity, operating conditions, and all engineering data and descriptive information necessary for comparison and to enable the Architect-Engineer to determine whether same meets specifications. The Architect-Engineer's approval will not relieve the Contractor of the responsibility for performance of any terms of the Contract Documents.

If the submittals reflect any changes from the plans or specifications, these changes should be clearly indicated by the Contractor. If no such indication is given, then the submittal is assumed to correspond with the Contract Documents.

B-13 SUBSTITUTIONS

Substitutions for a specified system, product, or material may be requested of the Architect-Engineer and the Architect-Engineer's written approval must be obtained before

substitutions will be allowed. All requests for substitutions should be submitted within forty-five (45) days after award of the contract. Substitutions requested after this date may receive no consideration.

In making requests for substitutions the Contractor shall list the particular system, product, or material it wishes to substitute, the justification for such a request, and the amount to be added or deducted from the contract sum if the substitution is authorized by the Owner and approved by the Architect-Engineer.

If no addition or deduction to the contract sum is allowed by the Contractor for such substitution, it shall be so stated on the request. All requests submitted shall include any and all adjustments and any other work affected thereby.

B-14 CONSTRUCTION CLIMATE CONTROL

It shall be the responsibility of the Contractor to provide at its own expense, the power, fuel, and equipment necessary to maintain climatic conditions and humidity when specified, required for work in progress, or required to protect materials, finishes, equipment, or systems installed until the final acceptance of the project by the Owner.

B-15 AS-BUILT DRAWINGS

During the progress of the work, the Contractor shall require the plumbing, air conditioning, heating, ventilating, elevator, and electrical subcontractors to record on their field sets of drawings the exact locations, as installed, of all conduits, pipe, and duct lines whether concealed or exposed which were not installed exactly as shown on the contract drawings. The Contractor shall also record all drawing revisions that have been authorized by change order that effect wall or partition locations, door and window locations, and other template changes. The exact routing of conduit runs shall be shown on these drawings.

Upon completion of the work, this data shall be recorded to scale, utilizing a computer-aided design and drafting application (CADD). Two (2) sets of disk files, and two (2) prints of the Contract Documents will be furnished to the Contractor by the Architect-Engineer, but cost shall be borne by Contractor. Each drawing shall be noted "As-Built" and shall bear the date and name of the subcontractors that performed the work. Where the work was installed exactly as shown on the contract drawings the sheets shall not be disturbed except as noted above. The CADD record set of drawings shall be prepared and delivered to the Owner in the Department's current adopted standard of AutoCAD Software format for compatibility statewide to allow updates as future changes/renovations occur.

In showing the changes the same legend shall be used to identify piping etc., as used on the contract drawings. A separate set of drawings shall be prepared for electrical, plumbing, heating, air conditioning, elevator, and ventilating work unless two or more divisions are shown on the same sheets of the contract drawings, in which case the various subcontractors shall also show their changes on the same sheets. Each sheet shall bear the date and the name of the subcontractors submitting the drawings.

The Contractor shall review the completed as-built drawings and ascertain that all data furnished on the drawings are accurate and truly represent the work as actually installed.

When manholes, boxes, underground conduits, plumbing, hot or chilled water lines, inverts, etc., are involved as part of the work, the Contractor shall furnish true elevations and locations, all properly referenced by using the original benchmark used for the institution or for this project. The disks including those unchanged and changed shall be submitted to the Owner when completed, together with two sets of 11"X17" black-line prints for certification, and submitted to the Owner, at the time of final completion.

B-16 GUARANTEES & OPERATING INSTRUCTIONS

The Contractor shall provide full cooperation to the Owner in the production of videotape instructions for the operation and maintenance of all HVAC, fire alarm and sprinkler, irrigation, computer, and other systems essential to efficient utilization of the building grounds. Owner personnel or its agents shall perform the actual taping, editing, and production of such instructional tapes. Cooperation of the on-site representative of the Contractor shall be the responsibility of the Contractor, whose representatives are to coordinate instructional activities with the Owner and its personnel or agents.

All work performed by the Contractor in completing the subject project shall be guaranteed by the Contractor against all defects resulting from the use of materials, equipment, and workmanship for a period of one year from the date of Final Completion of the project.

If, within any guarantee period, repairs, or changes are required in connection with the guarantee work, which in the opinion of the Architect-Engineer is rendered necessary as a result of the use of materials, equipment, or workmanship which are defective or inferior or not in accordance with the terms of the contract, the Contractor shall, promptly upon receipt of notice from the Owner and without expense to the Owner, proceed to:

- A. Place in satisfactory condition in every particular all of such guaranteed work, correct all defects therein; and
- B. Make good all damages to the structure or site or equipment or contents thereof, which, in the opinion of the Architect-Engineer, is the result of the use of materials, equipment, or workmanship which is inferior, defective, or not in accordance with the terms of the contract; and
- C. Make good any work or materials or the equipment and contents of structures or site disturbed in fulfilling any such guarantee.

If the Contractor, after receipt of any such written notice, fails within seventy-two (72) hours to commence at the job site with performance of the work necessary to remedy all defects in the work described in such notice so as to provide the Owner with the subject project completed in accordance with all requirements of the Contract Documents, or fails to complete the performance of such remedial work within a reasonable time after commencing same, the Owner shall be entitled to have such defective work remedied on the account of the Contractor and the Surety, in which event, the Contractor and the Surety shall be fully liable for all costs and expenses reasonably incurred by the Owner in having such defective work remedied.

The Contractor shall be responsible for collecting, identifying, indexing, and collating the following materials from the subcontractor, and will deliver four copies of the finished document to the Architect-Engineer for checking of correctness.

Complete equipment diagrams, operating instructions, maintenance manuals, parts list, wiring diagrams, pneumatic and/or electrical control diagrams, test and balance reports, inspection reports, guarantees, and warranties addressed to the Owner, as applicable, for each and every piece of fixed equipment furnished under this contract to be supplied in a ring binder, hardcover book, properly indexed for ready reference. Specific information regarding manufacturers' names and addresses, nearest distributor and service representatives' name, address, office and home phone numbers, make and model numbers, operating design and characteristics, etc., are also required. All information submitted shall be updated to reflect existing conditions.

Subsequent to the time of Substantial Completion and receipt of As-Builts, Operations and Maintenance Books but prior to the date of Final Acceptance, the Contractor and/or subcontractor shall provide a competent and experienced person (or persons) thoroughly familiar with the work to instruct the Owner's personnel in operation and maintenance of the equipment and control systems for a reasonable period of time.

This instruction will include normal start-up, run, stop, and emergency operations, location, and operation of all controls, alarms, and alarm systems, etc. The instruction will include tracing the system in the field and on the diagrams in the instruction booklets so that operating personnel will be thoroughly familiar with both the system and the data supplied.

B-17 CLEANING

The Contractor shall provide Final Cleaning of the Work, immediately prior to Final Acceptance, consisting of cleaning each surface or unit of work to normal "clean" condition expected for a first-class building cleaning and maintenance program. All cleaning must comply with manufacturer instructions for cleaning operations.

The following are examples, but not by way of limitation, of cleaning levels required:

- A. Remove labels which are not required as permanent labels, including all gum residue.
- B. Clean transparent materials, including mirrors, window and door glass, to a polished condition, removing substances, which are noticeable as vision-obscuring materials. Replace broken glass and damaged transparent materials.
- C. Clean exposed exterior and interior hard-surface finishes, to a dirt-free condition, free of dust, stains, films, and similar noticeable distracting substances. Except as otherwise indicated, avoid disturbance of natural weathering of exterior surfaces. Restore reflective surfaces to original reflective condition. Buff out scratches and marks on exposed metal surfaces.

- D. Wipe surfaces of mechanical and electrical equipment clean, including elevator equipment and similar equipment; remove excess lubrication and other substances.
- E. Remove debris and surface dust from limited-access spaces including roofs, plenums, shafts, trenches, manholes, and similar spaces. Clean tops of ductwork and horizontal surfaces of structural members in exposed areas.
- F. Clean concrete floors in unoccupied spaces broom clean. Remove noticeable paint marks and construction stains.
- G. Vacuum carpeted surfaces and similar soft surfaces. Inspect for stains and clean.
- H. Clean plumbing fixtures to a sanitary condition, free of stains including those resulting from water exposure. Clean excess sealant from toilet fixtures and accessories.
- I. Clean light fixtures and lamps so as to function at full efficiency. Replace any damaged lens.
- J. Clean Project Site, including landscape development areas, of litter and foreign substances. Sweep paved areas to a broom-clean condition; remove stains, petrochemical spills, and other foreign deposits. Rake grounds which are neither planted nor paved, to a smooth, even-textured surface, breaking up or removing clumps of material.

B-18 PUBLIC NOTICE

Immediately following receipt of Notice to Proceed, the Contractor shall post a notice in the following form in a conspicuous place on the project site:

- A. "Notice is hereby made to all those concerned and affected that (Contractor's Name) is performing (Project Number, Name, and Location)".
- B. "All parties furnishing labor, materials and/or equipment to said project are to provide notice of such in writing by certified mail to the Owner at the (Owner's Address) within twenty (20) calendar days of first providing such labor, materials and/or equipment."

B-19 MODIFICATIONS TO AIA DOCUMENT A-201, 1997 EDITION

The General Conditions of the Contract for Construction, American Institute of Architects Document A-201, 1997 Edition, as modified below, hereinafter referred to as "General Conditions", to the extent not inconsistent with other provisions in the Contract Document, is made a part of the Contract Documents:

ARTICLE 1, GENERAL PROVISIONS

Article 1.1.1 - Delete in its entirety.

ARTICLE 2, OWNER

Article 2.1.2 - Delete in its entirety.

Article 2.2.1 - Delete in its entirety.

ARTICLE 3, CONTRACTOR

Article 3.3.2 - Add the following: "Should the Architect-Engineer find any person(s) employed on the project incompetent, unfit or otherwise objectionable for his duties and so certify the facts to the Contractor, the Contractor shall immediately cause the employee to be dismissed and said employee shall not be re-employed on this project without written consent of the Architect-Engineer."

Article 3.8.1 - Add the following: "If directed by the Architect-Engineer the Contractor shall solicit not less than three bids for the item(s), the cost of which is provided for by a specified allowance sum. The Contractor shall purchase the item(s) from one of the three Bidders as directed by the Architect-Engineer."

Article 3.10.1 - Delete in its entirety and substitute: See construction scheduling section of these Non-Technical Specifications.

Article 3.14.1 - Add the following: "All cutting and patching work shall blend in and be plumb and square. The quality of materials used shall be the same or surpass those used in the adjacent existing construction."

ARTICLE 4, ADMINISTRATION OF THE CONTRACT

Article 4.1.1 - Delete in its entirety and add the following: "The Architect-Engineer is the design professional identified in the Contract Documents. The term Architect and Architect-Engineer mean the Architect-Engineer or their authorized representative."

Article 4.2.5 - Add the following: "The authorized representatives and agents of the Architect-Engineer, Owner, and the United States Federal Agencies providing monies in the form of grant-funds or loans and such other persons as the Owner may designate shall have access to and be permitted to inspect all work, materials, payrolls, records of personnel, invoices of materials, and other relevant data and records wherever they are in preparation and progress. The Contractor shall provide proper facilities for such access, inspections and, when required, exact duplicate copies of the aforementioned data shall be furnished."

Article 4.2.10 - Delete last sentence and add the following: "The duties, responsibilities, and limitations of authority of any such Project Representative shall be as set forth in the Contract Documents."

Article 4.2.12 - Delete end of last sentence: "and will not be liable for the result of any interpretation or decision rendered in good faith."

Articles 4.3 through 4.6.6 - Delete in their entirety.

ARTICLE 5, SUBCONTRACTORS

Article 5.2.1 - Add the following: "The Contractor shall not remove or replace subcontractors listed in the bid, subsequent to the lists being made public at the bid opening,

except upon good cause shown and only when approved in writing by the Owner."

ARTICLE 7, CHANGES IN THE WORK

Article 7.1.1 - Delete "Construction Change Directive"

Article 7.1.2 - Delete "a Construction Change Directive Requires agreement by the Owner and Architect and may or may not be agreed to by the Contractor;"

Article 7.1.3 - Delete "Construction Change Directive"

Article 7.3 - Delete in its entirety.

ARTICLE 8, TIME

Article 8.1.2 - Change the first sentence of the paragraph to read "The date of commencement of the work, and on which the Contract Time begins to run is the start date established by the Notice to Proceed to Mobilize on Site and to Proceed with Construction, which shall be the same date".

Article 8.1.3 - Delete ". . . in accordance with Paragraph 9.8." and the add ". . . as expressed in the Contract Documents."

Article 8.3.1 - Delete the words "or by delay authorized by the Owner pending arbitration."

Article 8.3.2 - Change the paragraph to read "Claims relating to time shall be made in accordance with applicable provisions of the Changes in the Work, Delays, Extensions of Time and Claims Section of the Non-Technical Specifications."

Article 8.3.3 - Delete in its entirety.

ARTICLE 9, PAYMENTS AND COMPLETION

Article 9.3.1.1 - Delete in its entirety.

Article 9.7.1 - Fourth line, delete the following: "...or awarded by arbitration." Delete the last sentence in its entirety.

ARTICLE 11, INSURANCE

Articles 11.2 through 11.4 - Delete in their entirety and insert in their place:

Article 11.2.1 - Owner's Liability Insurance - The Contractor shall be responsible for purchasing and maintaining an Owner's Protective Liability Insurance Policy with minimum limits as described in the "Instructions to Contractors."

Article 11.3.1 - Property Insurance - The Contractor shall purchase and maintain property insurance upon the entire work at the site of the full insurable value thereof.

Article 11.3.2 - Any insured loss is to be adjusted with the Owner and made payable to the Owner as trustee for the Insured, as their interests may appear.

Article 11.3.3 - If the Contractor requests in writing that insurance for special hazards be included in the property insurance policy, the Owner shall permit the Contractor to purchase such insurance, but the cost thereof shall be paid

for by the Contractor.

Article 11.3.4 - The Owner and Contractor waive all rights against each other for damages caused by fire or other perils to the extent covered by insurance provided under Article 11.3.1, except such rights as they may have to the proceeds of such insurance held by the Contractor as trustee. The Contractor shall require similar waivers by subcontractors and sub-subcontractors.

Article 11.3.5 - If required in writing by any party in interest, the Contractor, as trustee shall, upon the occurrence of an insured loss, give bond for the proper performance of its duties. The Contractor shall deposit in a separate account any money so received, and shall distribute it in accordance with such agreement as the parties in interest may reach. If after such loss no special agreement is made, replacement of damaged work shall be covered by an appropriate change order.

Article 11.3.6 - The Owner as trustee shall have power to adjust and settle any loss with the insurers.

Article 11.3.7 - If the Owner finds it necessary to occupy or use a portion or portions of the work prior to Substantial Completion thereof, such occupancy shall not commence prior to a time mutually agreed to by the Owner and Contractor and to which the insurance company or companies providing the property insurance once have consented by endorsement to the policy or policies. This insurance shall not be canceled or lapse on account of such partial occupancy. Consent of the Contractor and the insurance company or companies to such occupancy or use shall not be unreasonably withheld.

Article 11.4.1 - Loss of Use Insurance - The Owner, at its option, may purchase and maintain such insurance against loss of use of its property due to fire or other hazards, however caused.

ARTICLE 13, MISCELLANEOUS PROVISION

Article 13.5.1 - Delete last sentence: "The Owner shall bear cost of tests, inspections, or approvals which do not become requirements until after bids are received or negotiations concluded," and add: "The Architect-Engineer shall designate the tests which shall be made, and the Contractor shall not obligate the Owner for tests without the Architect-Engineer approval."

Testing Costs paid for by the Contractor:
Certain tests of materials, equipment, and systems are required as part of the contract and shall be paid for by the Contractor. These are specifically named in the technical specifications and the types of tests are as follows:

- A. Where tests are required by the technical specifications for materials, equipment, or systems the Contractor shall pay the cost of initial tests to prove qualities and determine conformance with specification requirements, e.g., mill tests on cement and steel; load testing of piling; sieve analysis and calorimetric tests on sand; strength tests for determining proportions of materials or concrete, moisture content and sound transmission tests of concrete blocks; etc.;

- B. If substitute materials or equipment are proposed by the Contractor, they shall pay the cost of all tests which may be necessary to satisfy the Architect-Engineer that specification requirements are satisfied;
- C. If materials or workmanship are used which fail to meet specification requirements the Contractor shall pay the costs of all coring or other tests deemed necessary by the Architect-Engineer to determine the safety or suitability of the material or element;
- D. The Contractor shall pay for all testing costs, including, but not limited to: power, fuel, equipment, and systems for proper operation such as plumbing, heating ventilation, air conditioning, electrical, elevator, dumbwaiters, and conveyors, etc.

Testing Costs Paid by the Owner:

All other tests performed at the direction of the Architect-Engineer or the Owner shall be paid for by the Owner, except to the extent the cost of performing such tests are otherwise chargeable to the Contractor under provisions of the Contract Documents.

Article 13.6.1 - Delete in its entirety. (See Interest Provisions Section of the Non-Technical Specifications).

Article 13.7.1 - Delete in its entirety.

B-20 CHANGES IN THE WORK, DELAYS, TIME EXTENSIONS, AND CLAIMS

During the course of the Contractor's performance of the work, certain events may occur which have the effect of changing the conditions under which the work is to be performed as specified and described in the Contract Documents, and/or the nature and extent of the work as specified and described in the Contract Documents. The occurrence of such events may cause the Contractor to incur greater or less cost and expense to perform the work than planned to be incurred in the Contractor's successful bid, in which event the Contractor or the Owner shall respectively be entitled to either an increase or decrease in the contract sum, whichever is the case, to the extent such greater or less cost and expense results, and in which event the party entitled to the benefit of any such adjustment to the contract sum shall, within twenty-one (21) calendar days from the first occurrence of such event(s), present written request on the other party by using the Construction Contract Change Order Form.

When the Contractor deems that extra compensation is due for work or materials not clearly covered in the contract or not ordered by the Owner, the Contractor shall notify the Owner in writing of the intention to make claim for the extra compensation, before beginning the claimed work. If the Contractor does not give such notification and does not afford the Owner proper opportunity for keeping strict account of actual costs, then the Contractor shall be deemed to have waived the claim for such extra compensation, and shall be estopped from asserting said claim in any and all judicial and administrative proceedings arising out of said project. The Contractor's notice and the Owner's account of the cost does not establish the validity of the claim or the method for computing any compensation of such claim. If the Owner

determines that the claim is valid, the Department will pay for it as an extra as provided herein.

The Owner's failure to resolve a claim within ninety (90) days after submission of the claim constitutes a denial of the claim.

However, no court proceedings on such claim may be filed until the Owner accepts the project.

If the Owner, upon considering any such claim, determines the contract sum should be increased or decreased, the determination of the amount of any such increase or decrease in the contract sum shall be governed and controlled by strict adherence to the following described guidelines and limitations, and neither the Contractor nor the Owner shall be entitled to receive any monetary consideration, beyond that which is authorized herein below.

All adjustments to the contract sum resulting from a change in the work shall be determined by the measure of actual or estimated, as the case may be, out-of-pocket costs and expenses incurred or spared by the Contractor for labor, materials, equipment, and equipment rental, plus overhead and profit thereon, for performing the changed work.

A. Labor costs shall include of all direct job site cost for estimation, laying out, mechanics' wages and laborers' wages, together with all payroll taxes, payroll assessments, and insurance premiums paid for such labor.

B. All material costs, equipment costs, and equipment rental costs shall be at trade discount rates, plus State Sales Tax, where applicable.

C. Overhead and profit shall be inclusive of all project management, project administration, superintendence, project coordination, project scheduling, and other administrative support functions and services, whether performed on the job site or off the job site and general support equipment. Overhead and profit shall be determined as follows:

1. Overhead and profit shall be calculated at the rate of 15 percent (15%) of the Contractor's labor, material, equipment, and equipment rental costs, incurred or spared, as measured under the preceding paragraphs for changes in the work performed by the officers, employees or subsidiaries of the Contractor.

2. Overhead and profit shall be calculated at the rate of 7.5 percent (7.5%) of the Contractor's subcontractors actual labor, material, equipment, and equipment rental costs, incurred or spared, as measured under the preceding paragraphs, plus 15 percent (15%) of all such costs, as overhead and profit to the Contractor's subcontractors, for all changes in the work performed by the officers, employees, or subsidiaries of the Contractor's subcontractor.

D. In addition to the foregoing, all adjustments to the contract sum resulting from a change in the work shall include all out-of-pocket expenses, incurred or spared, in performing the changes in the work for:

1. Paying the required premiums to obtain Performance Bonds and Labor and Material Payment Bonds called for by the Contract Documents;
2. Paying the fee(s) required for licenses or permits called for by changes in the work;
3. Paying for delivery of materials or equipment to the job site;
4. Paying for storage of materials or equipment before use thereof in performing changes in the work, and
5. Paying for testing required by the changes in the work.

E. In the event the Contractor demands an adjustment in the contract sum, such demand shall be accompanied by paid receipts or other such written evidence satisfactory to the Owner itemizing the costs and expenses incurred as a result of the event(s) constituting the changes in the work.

DELAYS:

The Contractor's remedies for delays in the progress of the work, or for changes in the work, shall be limited to those provided in the Contract Documents. The Contractor's exclusive remedy for delays in performance of the contract caused by events beyond its control shall be a claim for equitable adjustment in the contract time; provided, however, inasmuch as the parties expressly agree that overhead costs incurred by Contractor for delays in performing the work cannot be determined with any degree of certainty, it is hereby agreed that in the event the Contractor is delayed in the progress of the work after Notice to Proceed for causes beyond its control and attributable only to acts or omissions of Owner, Contractor shall be entitled to compensation for overhead and profit costs either (a) as a fixed percentage of the actual cost of the change in the work, if the delay results from a change in the work, as calculated in this section, or (b) if the delay results from other than a change in the work, at an amount for each day of delay calculated by dividing an amount equal to a percentage of the original contract sum determined by the number of calendar days of the original contract time.

In the event of a change in the work, the Contractor's claim for adjustments in contract sum are limited exclusively to its actual costs for such changes plus fixed percentages for overhead, additional profit, and bond costs, as specified herein.

The foregoing remedies for delays and changes in the work are to the exclusion of, and thus eliminate, the total cost concept (that is, computing Contractor's additional costs for changes in work or the costs of a delay in the progress of the work by comparing Contractor's total actual costs with its original estimate, see *McDevitt & Street Co. v. Department of General Services*, 377 So. 2d 191 (Fla. 1st DCA 1979), as the method of determining Contractor's costs associated with a

change in the work or with delay in the progress of the work.

No provision of this contract shall be construed as a waiver of sovereign immunity by the Owner.

CLAIMS AND DISPUTES:

A claim is a demand or assertion by one of the parties seeking, as a matter of right, an adjustment or interpretation of contract terms, payment of money, extension of time, or other relief with respect to the terms of the contract. The term "claim" also includes other disputes and matters in question between the Owner and Contractor arising out of or relating to the contract. Claims must be made by written notice. The responsibility to substantiate claims shall rest with the party making the claim.

No provision of the Contract Documents makes or is intended to make provision for recovery by the Contractor of damages for delay or for breach of contract. All claims, disputes, or controversies with the exception of a claim for breach of contract shall be determined and settled in accordance with the Claims and Dispute Resolutions of these Non-Technical Specifications.

TIME LIMITS ON CLAIMS:

Claims by either party must be made within twenty-one (21) days after occurrence of the event giving rise to such claim or within twenty-one (21) days after the claimant first recognizes the condition giving rise to the claim, whichever is later. Claims must be made in writing. An additional claim made after the initial claim has been implemented by a Construction Contract Change Order will not be considered unless submitted in a timely manner.

CONTINUING CONTRACT PERFORMANCE:

Pending final resolution of a claim unless otherwise agreed in writing, the Contractor shall proceed diligently with performance of the Contract and the Owner shall continue to make payments in accordance with the Contract Documents.

B-21 PROGRESS PAYMENTS

The Owner will, at intervals, make progress payments to the Contractor as follows:

PAYMENTS TO CONTRACTOR:

Thirty (30) calendar days shall be allowed for the Owner's inspection and approval of the goods and services for which any application for payment is made. Based upon application for payment submitted to the Architect-Engineer by the Contractor and certificates of payment issued by the Architect-Engineer and accepted by the Owner, the Owner shall make progress payments to the Contractor against the account of the contract sum in accordance with the following:

- A. Within thirty (30) calendar days from the Owner's receipt and acceptance of a certificate of payment, the Owner shall pay, or cause to be paid to the Contractor, ninety percent (90%) of the portion of the contract sum properly allocable to labor, materials, and equipment incorporated into the work, and ninety percent (90%) of that portion of the contract sum properly allocable to materials and equipment suitably stored at the site or at some other locations agreed upon in writing by the parties, less the aggregate of previous payments.

NOTE: For projects with contract sums exceeding, \$65,000 (see Section A-1 for definition of "Contract Level"), at the time work is fifty percent (50%) complete or thereafter, if the manner of completion of the work and its progress are and remain satisfactory to the Architect-Engineer and the Owner, the Owner may authorize a five percent (5%) retainage on future progress payments. The full ten percent (10%) retainage may be reinstated if the manner of completion of the work and its progress do not remain satisfactory to the Architect-Engineer and the Owner or for other good and sufficient reasons.

- B. The Contractor shall promptly pay each subcontractor in accordance with Section 287.0585, Florida Statutes, upon receipt of payment from the Owner out of the amount paid to the Contractor on account of such subcontractor's work, the amount to which said subcontractor is entitled, reflecting the percentage actually retained, if any, from payments to the Contractor on account of such subcontractor's work.
- C. The Architect-Engineer may, on request, at its discretion, furnish to a subcontractor, if practical, information regarding the percentages of completion of the amount applied for by the Contractor and the action taken thereon by the Architect-Engineer on account of work done by such subcontractor.
- D. Neither the Owner nor the Architect-Engineer shall have any obligation to pay or to see to the payment of any monies to any subcontractor except as may otherwise be required by law.
- E. No Certificate for a progress payment, nor any progress payment, nor any partial or entire use of occupancy of the project by the Owner, shall constitute an acceptance of any work not in accordance with the Contract Documents.
- F. The Contractor shall request such compensation by submitting:
 - 1. A properly completed and signed Contractor's Invoice.
 - 2. A properly completed and signed AIA Document G702 1992 Application and Certificate of Payment.
 - 3. A properly completed and signed AIA Document G703 – 1992 Continuation Sheet (Schedule of Values), and
 - 4. A properly completed and signed Minority Business Enterprises (MBE) Payment Certification, Form 375-030-31.

The Contractor shall, within ten (10) calendar days from date of the contract, submit to the Architect-Engineer for approval one (1) copy of an AIA Document G703 – 1992 Continuation Sheet (Schedule of Values) which will reflect the estimated cost of each subdivision of work of each specification section,

further detailed by subcontractor item, and utilizing the Construction Specification's Institute "Masterformat Broadscope Section Numbers." The value of each item shall include a true proportionate amount of the Contractor's overhead and profit. The sum of all such scheduled values shall equal the contract sum.

The approved AIA Document G703 – 1992 Continuation Sheet (Schedule of Values) will accompany and support the Contractor's periodic Applications for Payment and shall indicate the value of suitably stored material as well as labor performed and materials incorporated into the work for each subdivision of the schedule during the period for which the requisition is prepared.

The AIA Document G703 – 1992 Continuation Sheet (Schedule of Values) will be utilized to present this and other pertinent information that will facilitate the checking and processing by the Owner's representatives of the Contractor's application for payment.

B-22 FINAL PAYMENT

Within thirty (30) calendar days from the date of Contract Completion, the Owner shall pay or cause to be paid to the Contractor the entire unpaid balance of the then Contract Sum, less the amount of any sums which continue to be retained to satisfy the cost of performing any change in the work which is the subject of any claim or dispute and which has not yet been satisfactorily performed by the Contractor, provided that the parties have not otherwise stipulated in the Certificate of Substantial Completion, and provided further that the work has been satisfactorily completed, the Contractor's obligations under the contract have been fully performed, and a final Certificate for Payment has been issued by the Architect-Engineer.

The Contractor shall submit all required documents along with final invoice to the Owner no later than 120 days after the project is completed and final acceptance of work is issued by the Owner. Invoices submitted after the 120-day time period will not be paid.

The Contractor's application for FINAL PAYMENT shall be accompanied with the following:

- A. Owner's Certificate of Partial Payment marked "Final Payment.
- B. Final Contractor's Invoice
- C. Final AIA Document G702 – 1992 Application and Certificate of Payment.
- D. Final AIA Document G703 – 1992 Continuation Sheet (Schedule of Values).
- E. Final Minority Business Enterprise (MBE) Payment Certification, Form 375-030-31.
- F. For Contracts exceeding \$100,000, the Consent of Surety to make Final Payment – Signed and Sealed.
- G. For Contracts exceeding \$100,000, the Power of Attorney from Surety for Release of Final Payment - Signed, Sealed, and dated the same as Consent of Surety.
- H. Contractor's Affidavit of Contract Completion.

- 1. Page 1 completed by the General Contractor.
- 2. Page 2 completed by Architect/Engineer.
- I. Certificate of Occupancy from the authority having jurisdiction.
- J. Notice of Release of Lien from each sub-contractor, worker or supplier, who has filed Notices to Owner.
- K. Contractor's Guarantee of Construction for one (1) year from the date of Final Completion.
- L. Copy of the Approval by the Architect-Engineer and the Transmittal to the Owner of Manuals, Shop Drawings, As-Builts (2 sets in the Department's current adopted standard of AutoCAD and 2 sets of Prints), Brochures, Warranties, and List of Subcontractors, with telephone numbers and addresses.
- M. Verification that Owner's personnel have been trained in the operation of the new installed equipment for each System, i.e., HVAC, Controls, Fire Alarm, etc. and submit to the Owner a list of personnel that attended such training.
- N. Fully executed Roof Warranty, if applicable, in the name of the Owner.
- O. Other special warranties as required by specifications, in the name of the Owner, and
- P. Fully Executed Contractor's Certification of No Hazardous Materials.

B-23 EXCLUSION OF OWNER FROM LIABILITY - INDEMNITY

INDEMNITY:

The Contractor shall indemnify and hold harmless the Owner, its officers and employees from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the Contractor and persons employed or utilized by the Contractor in the performance of this contract.

It is specifically agreed between the parties executing this contract that it is not intended by any of the provisions of any part of the contract to create in the public or any member thereof, a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

PAYMENT FOR CLAIMS:

The Contractor guarantees the payment for all just claims for materials, supplies, tools, or labor and other just claims against the Contractor or any subcontractor, in connection with this Contract. The Department's final acceptance and payment does not release the Contractor's bond until all such claims are paid or released.

B-24 PROHIBITED MATERIALS

Per Section 255.40, Florida Statutes, the use of asbestos or asbestos-based fiber materials is prohibited in any buildings, construction of which commenced after September 30, 1983, which is financed with public funds or is constructed for the express purpose of being leased to any governmental entity. As part of construction or renovation projects, architect/engineers and contractors will certify asbestos-containing materials, lead, cadmium, beryllium or other Federal or State prohibited hazardous materials were not specified or installed as part of the projects (See Contractor's Certification of No Prohibited Hazardous Materials Exhibit).

B-25 USE OF MATERIALS AND COMMODITIES PRODUCED BY PRISON INDUSTRIES – PRIDE

Per Section 945.515(2), Florida Statutes, no similar article of comparable price and quality found necessary for use by any state agency may be purchased from any other source when the Prison Rehabilitative Industries and Diversified Enterprises (PRIDE) certifies that the same is available and can be furnished by PRIDE. The purchasing authority of any such state agency shall have the power to make reasonable determinations of need, price, and quality with reference to articles available for sale by such correctional work programs. The Contractor, or its subcontractor, shall procure materials and commodities, where available from PRIDE, in the same manner and under the same procedures as required for the Owner under Section 946.515(2), Florida Statutes.

B-26 CLAIMS AND DISPUTES

Under the terms of this contract, the Contractor shall not have any right to compensation other than, or in addition to, that provided by this contract, to satisfy any claim for costs, liabilities, or debts of any kind whatever resulting from any act or omission attributable to the Owner unless the Contractor has provided notice and unless a timely claim is delivered to the Owner. All such claims shall be set forth in a petition stating:

- A. Name and business address of the claimant,
- B. A concise statement of the ultimate facts, including the statement of all disputed issues of material fact, upon which the claim is based,
- C. A concise statement of the provisions of the contract together with any federal, state, local laws, ordinances, or code requirements, or customary practices and usages in the industry asserted to be applicable to the questions presented by the claim and a demand for the specific relief believed to be due the claimant, and
- D. The date of occurrence of the event giving rise to the claim and date and manner of the Contractor's compliance with notice requirements. Within thirty (30) calendar days from the date any such claim is received, the Owner shall deliver to the Contractor its written determination on the claim.

Should the Contractor and Owner be unable to settle and dispose of such demand within thirty (30) days from the date any such claim is presented, upon terms and conditions mutually agreeable to the Contractor and the Owner, then such demand shall be referred to the Owner (Secretary of the Florida Department Transportation or designee) for determination, which shall be final and binding upon the

Contractor unless appealed in accordance with applicable provisions of the Contract Documents.

119, Florida Statutes. The Contractor shall not copyright any material and products or patent any invention developed under this Agreement. The Department shall have the right to visit the site for inspection of the work products of the Contractor at any time.

B-27 HARMONY

Contractor is advised and hereby agrees to exert every reasonable and diligent effort to assure that all labor employed by Contractor and subcontractors on the project shall work in harmony with and be compatible with all other labor being used by building and construction contractors now or hereafter on the site of the project.

B-30 CONTRACTOR'S PAYMENT RIGHTS

Contractors providing goods and services to the Owner should be aware of the following time frames. Upon invoice receipt, the Owner has thirty (30) days to inspect and approve the goods and services. The Owner has twenty (20) days to deliver a request for payment (voucher) to the Department of Banking and Finance. The twenty (20) days are measured from the latter of the date the pay request is received or the goods or services are received, inspected, and approved. If payment is not available to the Owner for transmittal to the Contractor within forty (40) days, a separate interest penalty will be due and payable in addition to the invoice amount, pursuant to Section 215.422(3)(b), Florida Statutes. The forty (40) day period is measured from the date the invoice is received, or the date the goods or services are received, inspected, and approved whichever is the latter. Interest penalties of less than one (\$1.00) dollar will not be enforced unless the Contractor requests payment. Invoices returned to the Contractor because of preparation errors will result in a payment delay. Invoice payment requirements do not start until a properly completed Invoice is provided to the Owner.

Contractor further agrees that this provision will be included in all subcontracts of the subcontractor as well as in the Contractor's own contract; provided, however, that this provision shall not be interpreted or enforced so as to deny or abridge, on account of membership or non-membership in any labor union or labor organization, the right of any person to work as guaranteed by Article 1, Section 6 of the Florida Constitution.

B-28 TERMINATION FOR CAUSE OR MUTUAL AGREEMENT

This contract may be terminated by either party upon seven (7) days written notice, if such termination is by mutual agreement, or should one party fail substantially to perform in accordance with its terms through no fault of the other. Also, this contract may be unilaterally terminated by the Owner for refusal by the Contractor to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the Contractor in conjunction with this contract. In the event of termination for cause, the Contractor shall pay the Owner liquidated damages and costs as described in Section A-22 above. If termination is due to the fault of others than the Contractor, the Contractor shall be paid for services performed to termination date, including reimbursements then due plus terminal expense.

Bills for fees or other compensation for services or expenses will be submitted to the Department in detail sufficient to conduct a proper preaudit and post audit thereof.

A Vendor Ombudsman, has been established within the Department of Banking and Finance and the duties include acting as an advocate for vendors who may be experiencing problems in obtaining timely payment(s) from a state agency. They may be contacted at (850) 413-5516 or by calling the Division of Consumer Services at 1-877-693-5236.

B-29 TERMINATION FOR CONVENIENCE

The performance of work under this contract may be terminated by the Owner in accordance with this clause in whole, or from time to time in part, whenever the Owner shall determine that such termination is in the best interest of the State. If Contract is terminated prior to completion, all work to-date will be delivered to the Department. Upon termination, the Contractor shall be entitled to payment and profit for work completed to the time of termination, only. The percentage of completion shall be determined by the Architect/Engineer, based upon the approved AIA Document G703 – 1992 Continuation Sheet (Schedule of Values).

Per Section 339.135(6)(a), Florida Statutes, the Owner, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure, during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Project Manager shall obtain a written statement (approved encumbrance) from the Office of Comptroller that funds are available prior to the Owner entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding 1 year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the Owner which are for an amount in excess of \$65,000 and which have a term for a period of more than 1 year.

If the contractor fails to provide the services or is no longer providing services, then all tracings, plans, specifications, maps, computer files, and reports prepared or obtained under this Agreement, as well as all data collected, together with summaries and charts derived therefrom, shall be the exclusive property of the Department without restriction or limitation on their use and shall be made available, upon request, to the Department at any time during the performance of such services and/or upon completion or termination of this Agreement. Upon delivery to the Department of said document(s), the Department shall become the custodian thereof in accordance with Chapter

Per Section 255.2502, Florida Statutes, the State of Florida's performance and obligation to pay under this contract is contingent upon an annual appropriation by the Legislature.

B-31 PUBLIC ENTITY CRIME INFORMATION STATEMENT

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may

not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, in Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

B-32 ASSIGNMENT

The Contractor shall not sublet, sell, transfer, assign, or otherwise dispose of the Contract or any portion thereof, or of its right, title, or interest therein without written approval by the Owner.

B-33 DISCRIMINATION CLAUSE

An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity, per Section 287.134(3)(a), Florida Statutes.

B-34 UNAUTHORIZED ALIENS

The Owner shall consider the employment by any Contractor of unauthorized aliens a violation of Section 274(e) of the Immigration and Nationality Act. Such violation shall be cause for unilateral cancellation of this contract.

B-35 PERFORMANCE BOND AND LABOR AND MATERIALS PAYMENT BOND

NOTE: If the contract sum is less than \$100,000, no Performance Bond or Labor and Materials Payment Bond is required. If the contract sum exceeds \$100,000, the Contractor must furnish a Performance Bond of 100% and Labor and Materials Payment Bond of 100%. If increases are made to the original contract sum, the Contractor shall also furnish the Owner with additional bonding equivalent to the increases.

On projects where the contract sum exceeds \$100,000, the Contractor shall furnish the Owner with a 100 percent (100%) Performance Bond and a 100 percent (100%) Labor and Materials Payment Bond written by a Surety Company acceptable to the Owner and authorized to do business in the State of Florida and signed by a Florida Licensed Agent. Contractor is required to furnish replacement bonds in the event of cancellation of the original Performance Bond and Labor and Materials Payment Bond.

The cost of all Performance Bonds and Labor and Materials Payment Bonds shall be borne by the Contractor. Each bond shall be accompanied by a duly authenticated or certified document such as a Power of Attorney, evidencing that the person executing the bonds on behalf of the Surety had the authority to do so on the date the bonds were executed on

behalf of the Surety Company. The date on the document, submitted in duplicate, will be the same date in which the bonds were executed for the Surety.

The Contractor shall furnish the Owner with additional bonding equivalent to any increases in the original contract sum. It is a specific requirement that the surety bond shall continue to be acceptable to the Owner throughout the life of the contract and, in the event that the surety executing the bond, although acceptable to the Owner at the time of execution of the contract, subsequently becomes insolvent or bankrupt, or becomes unreliable or otherwise unsatisfactory due to any cause which becomes apparent after the Owner's initial approval of the company, then the Owner may require that the Contractor immediately replace the surety bond with a similar bond drawn on a surety company authorized to do business in the State of Florida. In such event, all costs of the premium for the new bond, after deducting any amounts which might be returned to the Contractor from his payment of the premium on the defaulting bond, will be borne by the Contractor.

B-36 CONSTRUCTION SCHEDULE

NOTE: ~~All projects exceeding \$200,000 (Contract Levels 4 & 5) require a construction schedule as described below. Should the Owner's Project Manager determine it to be in the best interest of the State, a schedule may also be required on other Contract Levels. (See Section A-1 for definition of "Contract Level".)~~

FOR A CONTRACT OF \$2M OR LESS – The Contractor shall prepare and submit a construction schedule within twenty (20) days after the Owner has issued the Notice to Proceed.

~~FOR A CONTRACT SUM EXCEEDING \$2M – The Contractor shall prepare and submit a construction schedule within thirty (30) days after the Owner has issued the Notice to Proceed~~

The construction schedule shall be submitted to the Architect-Engineer in quadruplicate graphically depicting the various activities necessary to complete the project. The schedule shall reflect the sequence of work in which the Contractor proposes each activity to occur, as well as, the duration (beginning and ending dates) of each activity. Since there are various scheduling systems available, it must be one that the Contractor, Architect-Engineer and the Owner all agree to. Examples of such systems include, but are not limited to: Timeline, Primavera, Project Workbench, Superproject, etc. The Architect-Engineer is responsible for determining whether or not the schedule submitted by the Contractor meets project requirements and such determination shall be binding on the Contractor.

The Architect-Engineer shall on a regular basis review the construction schedule to determine whether or not it continues to meet all requirements, as well as, if the progress of work complies with the schedule. The Contractor is responsible for providing, in duplicate, an updated schedule with each pay request (partial and final), as well as, upon request from the Architect-Engineer and/or Owner.

Failure of the Contractor to develop and submit a construction schedule(s) as aforesaid shall be sufficient grounds for the

Architect-Engineer to find the Contractor in substantial default, and certify to the Owner that sufficient cause exists to terminate the contract or withhold any payment.

B-37 DUTIES OF THE ARCHITECT-ENGINEER'S REPRESENTATIVE

A. If an Architect-Engineer's Representative is authorized by the Owner, his/her duties shall include, but are not limited to, the following:

1. Assist the Contractor in obtaining interpretation of the Contract Documents from the Architect-Engineer.
2. Conduct daily on-site observations for determining conformance to the Contract Documents in regard to work, materials, equipment, etc.
3. Request additional details and/or information from the Architect-Engineer when needed by the Contractor.
4. Evaluate suggestions and/or modifications submitted by the Contractor and transmit the Architect-Engineer with recommendations.
5. Anticipate problems that could create delays and problems in construction and report them to the Contractor and Architect-Engineer for solution.
6. Maintain official relationship only with the General Contractor Job Superintendent(s) and communicate problems to him/her regardless of which subcontractor(s) work is involved.
7. Attend all required construction conferences and participate actively in discussions of the project.
8. When authorized by the Architect-Engineer, conduct tests and inspections as required by the Contract Documents and record results of such tests and inspections.
9. Maintain a daily log of project activity including, but not limited to: hours on the job site, weather conditions, daily construction activity, number of men in each trade on the site, general observations, written and verbal directives to Contractor, and visits of governmental officials.
10. If, upon inspections or observations, work is found not to be in accordance with Contract Documents, advise the Architect-Engineer verbally and in writing. Consult with the Architect-Engineer for further directions if the Contractor does not correct work as directed by the Architect-Engineer.

11. Check that tests and inspections to be performed by others, other than those performed by Architect-Engineer's Representatives and/or the Architect-Engineer, are actually performed in accordance with the Contract Documents.
12. When requested, accompany all state and federal officials on inspections of construction and record the inspection in the log.
13. Cooperate with the Owner's Project Manager or Inspectors and provide them with all requested information about the project.
14. Maintain in an orderly manner, files of correspondence, reports of job conferences, shop drawings and samples, copies of contract documents, change orders, addenda, supplementary drawings, and job log.
15. Review requisitions for payment submitted by Contractor and transmit to the Architect-Engineer with recommendations.
16. Participate in the inspections of construction with the Architect-Engineer and Owner's Project Manager at regular intervals and at Substantial Completion and provide Architect-Engineer with information as to work which is not complete, defective, or not in accordance with Contract Documents.
17. Refer all communications from other agencies, authorities, etc. to the Owner's Project Manager and Architect-Engineer.
18. Copy the Owner's Project Manager on all correspondence related to the project.
19. Review plans, specifications, and shop drawings on a regular basis. Be alert to errors and omissions on the Contract Documents and construction problems before they occur and advise the Architect-Engineer when discovered.
20. Advise Contractor and Architect-Engineer of work being performed with unapproved shop drawings or without shop drawings when such shop drawings are required by specifications.
21. Check materials and equipment delivered to the job site against specifications, approved samples, shop drawings, and related correspondence. If in conflict, advise Contractor and Architect-Engineer.

- 22. Check that the Contractor is maintaining record notable drawings of As-Built conditions, when As-Built drawings are specified to be provided.
- B.** The Architect-Engineer's Representative is not authorized to do the following:
- 1. Authorize minor deviations from the Contract Documents (unless preapproved in writing by Architect-Engineer).
 - 2. Expedite the work for the Contractor(s).
 - 3. Advise the Contractor on building techniques or scheduling.
 - 4. Approve shop drawings.
 - 5. Issue certificates for payment.
 - 6. Approve substitutions.
 - 7. Interpret Contract Documents for others.
- C.** The Architect-Engineer's Representative shall not:
- 1. Get involved in disputes or problems between the Contractor and subcontractors.
 - 3. Offer gratuitous advice to the Contractor or subcontractors on how to perform the work whether solicited or not.
 - 4. Make vague and unclear log entries as to the acceptability of the Contractor's work. If unacceptable and not corrected properly and in a timely manner, the condition should be entered into the job log clearly as a statement made with follow-up written communication to the Architect-Engineer.
 - 5. Order a work stoppage except in extreme emergencies and except under conditions authorized only by the Architect-Engineer.

B-38 CONTRACTOR'S REPRESENTATION (EXPERIENCE QUESTIONNAIRE & FINANCIAL STATEMENT)

NOTE: ~~For all Contract sums exceeding \$200,000, the Contractor shall submit a Contractor's Experience Questionnaire and Financial Statement (see Section A-1 for definition of "Contract Level").~~

~~The Contractor represents and warrants the information provided on the "Experience Questionnaire and Contractor's Financial Statement" which was submitted by the Contractor to qualify for award of this contract, and is hereby made a part~~

~~of this Contract by reference, is true, accurate, and correct. The Contractor understands and agrees that materially inaccurate information may result in termination of this contract at the Owner's option.~~

B-39 CONTRACTOR'S WORK FORCE

NOTE: ~~For contract sums exceeding \$200,000, the Contractor shall agree to perform no less than 15% of project instruction work utilizing its own employees (see Section A-1 for definition of "Contract Level").~~

~~The Contractor agrees to perform no less than fifteen percent (15%) of the project construction work utilizing its own employees. The percentage shall be calculated on the basis of the cost of materials and labor utilized by the prime Contractor's own forces in relation to the original contract sum.~~

B-40 CONTRACTOR'S PROJECT SUPERVISION

NOTE: ~~For contract sums exceeding \$200,000, the Contractor must provide field supervision as described below (see Section A-1 for definition of "Contract Level").~~

~~The Contractor must provide, as a minimum, field (on-site) supervision (through a named superintendent) of each of the general, concrete forming and placement, masonry, mechanical, plumbing, electrical, and roofing trades, either through the use of their employees, or in the instance of mechanical, plumbing, and electrical trades through the use of employees of the subcontractor as shown on the Contractor's Experience Questionnaire and Financial Statement. The Contractor shall not change or deviate from these principal and supervisory personnel without written consent of the Owner.~~

B-41 DRUG-FREE WORKPLACE

Each construction contractor regulated under Part I of Chapter 489, and electrical contractor or alarm system contractor regulated under Part II of Chapter 489, who contracts to perform construction work under a state contract for public property or publicly owned buildings governed by Chapter 255 must implement a drug-free workplace program as required by Section 440.102(15), Florida Statutes. The Contractor represents, covenants, and warrants that it has implemented a drug-free workplace program in accordance with the standards and procedures established in Section 440.102, Florida Statutes. This requirement applies to contracts entered into on or after October 1, 2002.

B-42 COMPLIANCE WITH LAWS

Upon execution of the Contract, the Department reserves the right to conduct an audit of the Contractor's Records pertaining to this project. The Department or its representatives may conduct an audit, or audits, at any time prior to final payment or thereafter. The Department may also require submittal of the records from either the prime contractor, the subcontractor, or both. As the Department deems necessary, records include all books of accounting, supporting documents, and papers pertaining to the cost of performance of the project work.

The Contractor shall allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the Contractor in conjunction with this Agreement. Specifically, if the Contractor is acting on behalf of a public agency the Contractor shall:

- (1) Keep and maintain public records that ordinarily and necessarily would be required by the Department in order to perform the services being performed by the Contractor.
- (2) Provide the public with access to public records on the same terms and conditions that the Department would provide the records and at a cost that does not exceed the cost provided in chapter 119, Florida Statutes, or as otherwise provided by law.
- (3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law.
- (4) Meet all requirements for retaining public records and transfer, at no cost, to the Department all public records in possession of the Contractor upon termination of the Agreement and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the Department in a format that is compatible with the information technology systems of the Department.

Failure by the Contractor to grant such public access shall be grounds for immediate unilateral cancellation of this Agreement by the Department. The Contractor shall promptly provide the Department with a copy of any request to inspect or copy public records in possession of the Contractor and shall promptly provide the Department a copy of the Contractor's response to each such request.

~~B-43 Scrutinized Companies.~~

~~For Contracts \$1,000,000 and greater, if the Department determines the Contractor submitted a false certification under Section 287.135(5) of the Florida Statutes, or if the Contractor has been placed on the Scrutinized Companies with Activities in the Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, the Department shall either terminate the Contract after it has given the Contractor notice and an opportunity to demonstrate the Department's determination of false certification was in error pursuant to Section 287.135(5)(a) of the Florida Statutes, or maintain the Contract if the conditions of Section 287.135(4) of the Florida Statutes are met.~~

**SECTION C
SPECIAL CONDITIONS**

C-1 WATER

~~The Contractor shall furnish and pay for all water necessary for construction of the building and testing its plumbing and mechanical systems. The Contractor shall make all connections, install a meter, take out and pay for all permits necessary, do all piping, and clear away all evidence of the same after the job is completed.~~

C-2 ELECTRICITY

~~The Contractor shall provide and pay for electricity for light and power necessary for the construction of the building and testing of its electrical and mechanical systems. The Contractor shall make all necessary arrangements for this service and perform the work required.~~

C-3 INITIAL CONSTRUCTION CONFERENCE

Immediately prior to starting construction, the Owner's Project Manager will arrange a meeting with the Architect-Engineer, Contractor, subcontractors, and other interested parties. The purpose of this meeting shall be to discuss requirements and responsibilities of the various parties involved with the objective of expeditious handling of the contract. The Owner's Project Manager will chair this meeting.

C-4 SITE SECURITY

~~The Contractor shall pay for and be responsible for securing the site and the project against theft, vandalism, and fire, and to ensure public safety at all times (twenty-four (24) hours per day) from the issuance of the Notice to Proceed until Substantial Completion.~~

C-5 ARCHITECT-ENGINEER'S FIELD OFFICE

~~**NOTE:** For contract sums exceeding \$200,000, the Contractor shall provide a field office (see Section A-1 for definition of "Contract Level").~~

The Contractor shall provide and maintain a watertight office at the project for the exclusive use of the Architect-Engineer and representatives, not less than 12'x12' in size, one room with at least one window in each exterior wall and an independent outside entrance door fitted with hardware and lock, artificial light, a bench with one drawer, a blueprint rack, a heater, and a window air conditioner. Upon completion of the contract, this office and equipment shall become the property of the Contractor, who shall be responsible for removal and disposal of the office and equipment.

C-6 TELEPHONE

~~**NOTE:** For contract sums exceeding \$200,000 (see Section A-1 for definition of "Contract Level", the Contractor shall furnish a phone in the field office.~~

A telephone shall be installed and remain activated in the Architect-Engineer's office until project is fully completed. Charges for long distance calls shall be paid by the person making the calls, and all other charges in connection with the telephone shall be paid by the Contractor.

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(Exhibit 1)
State of Florida
DEPARTMENT OF TRANSPORTATION
INVITATION TO BID

Sealed bids will be received and publicly opened and read aloud by the Florida Department of Transportation (hereinafter referred to as Owner) at the following date, location, and local time: Tuesday, October 22, 2019 – 1000 NW 111th Avenue, Room 6204A Miami, FL 33172 @ 10:00 A.M.

FINANCIAL PROJECT NO.: 442729-1-52-01/ 442729-2-52-01 **CONTRACT NO.:** E-6M82

PROJECT NAME: DISTRICT SIX AUDITORIUM RESTROOMS RENOVATION PROJECT

PROJECT LOCATION: 1000 NW 111th AVENUE, MIAMI FL, 33172

PROJECT DESCRIPTION: TO PERFORM DEMOLITION AND RENOVATION OF THE TWO EXISTING RESTROOMS IN DISTRICT SIX AUDITORIUM

PRE-BID MEETING (check appropriately) **Mandatory**, *Non-Mandatory*, or *Not Applicable*

If a pre-bid meeting is scheduled (mandatory "or" non-mandatory) it will be held at the following location, date and local time: _____
1000 NW 111th Avenue, Room 6204A Miami, FL 33172 – Wednesday, September 25, 2019 at 10:00 A.M.

Owner representatives will be present to discuss plans, specifications, and conditions of the project. The Owner's Project Manager is: Ruel Umbay and may be reached at: (305) 470-5455.

NOTE: Any contractor who fails to attend a mandatory pre-bid meeting will not be eligible to bid on the project.

PLANS AND SPECIFICATIONS: Plans and Specifications may be purchased for payment of the printing and handling cost at the rate of \$_____per set. Checks should be made payable to the "Florida Department of Transportation". No refunds will be made. Bid Proposal documents will not be issued after (date and local time): _____

MINORITY BUSINESS ENTERPRISES (MBE) UTILIZATION: The Owner encourages the recruitment and utilization of certified and non-certified minority businesses. The Owner, its contractors, suppliers, and consultants should take all necessary and reasonable steps to ensure that minority businesses have an opportunity to compete for and perform contract work for the Owner in a nondiscriminatory environment.

BID PROPOSAL: Bids must be submitted in full accordance with the requirements of the Drawings, Specifications, Bidding Conditions, and Contractual Conditions, which may be examined and obtained from: (who, when, where, and phone) Sally Dobson Wednesday, September 25, 2019 @ 10:00 A.M. 1000 NW 111th Avenue, Room 6204A Miami FL 33172 (305) 470-5134.

INSURANCE: The awarded Bidder is responsible for maintaining the insurance coverage specified in the Non-Technical Specifications for the duration of this project.

=====
(Exhibit 1)
INVITATION TO BID

PREQUALIFICATION: Each bidder shall submit a current license issued by the State of Florida (specify type license required for the work) and, if a Florida Corporation, a copy of the Corporate Charter as prequalification of their eligibility with the bid document to the Department of Transportation, Contracts Administration Office:

(Project specific location) 1000 NW 111th Avenue Miami, FL 33172

The bid will be rejected if a copy of the Contractor's License is not included either with the bid or provided to the Owner prior to the Letting. After the bid opening, the lowest responsive bidder shall qualify in accordance with this contract document.

BID BOND: If the bid amount exceeds \$100,000, the bidder must provide with the bid, a Bid Guaranty of five percent (5%) of the actual total bid in the form of a certified check, cashier's check, treasurer's check, bank draft of any national or state bank, or a surety Bid Bond made payable to the Department of Transportation. A Bid Guaranty in an amount less than five percent (5%) of the actual bid will invalidate the bid. Bid Bonds shall conform to the Departments Bid/Proposal Bond Form furnished with the proposal package.

PERFORMANCE BOND and LABOR AND MATERIALS PAYMENT BOND: If the contract award amount exceeds \$100,000, both a Performance Bond and a Labor and Material Payment Bond of 100% each of the contract sum are required at the time of award.

BID POSTING / CONTRACT AWARD: The Bid Tabulation and Notice of Award Recommendation will be posted at the following location, date and local time:

1000 NW 111th Avenue Miami, FL 33172 Tuesday, October 29, 2019 @ 10:00 A.M.

In the event the Bid Tabulation and Notice of Award Recommendation cannot be posted in this manner, all bidders will be notified by certified United States Mail, return receipt requested, express or fax delivery, receipt requested. If no protest is filed the Owner will award the contract to the qualified, responsive low bidder. The Owner reserves the right to reject any or all bids.

BID SOLICITATION/AWARD/NON-AWARD PROTEST RIGHTS: Any person adversely affected by this Bid Solicitation shall file a notice of protest within 72 hours of receipt of the bid documents in accordance with Section 120.57(3), Florida Statutes and Rule Chapter 28-110, Florida Administrative Code. Any person adversely affected by the intended decision of the Owner to award a contract or to reject all bids shall file a notice of protest within 72 hours after the posting of the Summary of Bids (bid tabulation). If notice of intended decision is given by certified mail, express or fax delivery, the adversely affected person must file the notice of protest within 72 hours after receipt of the notice of intent.

A formal written protest must be filed within 10 days after filing the notice of protest. The formal written protest shall state with particularity the facts and law upon which the protest is based. All protests must be submitted in accordance with Section 120.569 and 120.57, Florida Statutes. The required notice of protest and formal protest must each be timely filed with the Clerk of Agency Proceedings, Office of General Counsel, 605 Suwannee Street, Room 550, MS-58, Tallahassee, Florida, 32399-0450. Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

DISCRIMINATION CLAUSE: An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity, per Section 287.134(3)(a), Florida Statutes.

PUBLIC ENTITY CRIME INFORMATION STATEMENT: A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for Category Two for a period of 36 months for the date of being placed on the convicted vendor list.

STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION



Contract Administrator,
Contracts Administration Office

(Exhibit 2)
BID PROPOSAL

Bidder's Firm Name: _____

FEID #: _____ Telephone #: () _____ Fax #: () _____

for construction or renovation of the following building project:

Financial Project Number: 442729-1-52-01 / 442729-2-52-01

Project Name: DISTRICT SIX AUDITORIUM RESTROOMS RENOVATION PROJECT

Project Location: 1000 NW 111th AVENUE, MIAMI FL. 33172

County: MIAMI-DADE Date Submitted: Yr. _____

TO THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION:

The Bidder hereby declares that no person or persons, firm, or corporation, other than the Bidder, is interested in this proposal, as principals, and that this Proposal is made without collusion with any person, firm, or corporation, and have carefully and to our full satisfaction examined the drawings, specifications (Technical and Non-Technical), and all other related contract documents, made a full examination of the location of the proposed work and the sources of supply of materials, agree to furnish all necessary labor, equipment, and materials, fully understanding that the quantities shown herewith are approximate only, and that we will fully complete all necessary work in accordance with Plans and Specifications, and all requirements of the Owner, within the time limit specified in contract documents.

I (We) hereby acknowledge receipt of the following Addenda issued during the bidding period.

Addendum No.	Dated	Initial	Addendum No.	Dated	Initial

Base Bid: _____ (Dollars), \$ _____

With foregoing as a Base Bid, the following costs of alternate proposals, if any, are submitted in accordance with the drawings and specifications.

Alternate #	Description of Alternate	Indicate: ADD or DELETE	Amount (\$)

=====

(Exhibit 2)
BID PROPOSAL

The Bidder hereby agrees to perform all necessary work, as provided for in the Contract Documents, and if awarded the contract to execute the Contract Agreement within _____ calendar days after the date on which the notice of award has been given, and to fully complete all necessary work under the same within not more than _____ calendar days. It is understood and agreed that the date on which calendar days will begin to be charged to the project shall be either (1) the _____ calendar day from the date of issuance of the initial notice to begin work or (2) the date on which the Contractor actually begins work, whichever date is earlier.

The Bidder further agrees to bear the full cost of maintaining all work until final acceptance, as provided in the contract.

If the total amount of this bid exceeds \$100,000 a bid guaranty of five percent (5%) of the bid, payable to the Owner, must accompany this proposal. The said guaranty is to be returned to the Bidder upon delivery of a satisfactory bond. Owner officials and employees are prohibited by law from soliciting and accepting funds or gifts from any person who has, maintains, or seeks business relations with the Owner pursuant to Section 334.195, Florida Statutes.

In the event the contract is awarded to this Bidder, the Bidder will enter into a formal written agreement with the Owner in accordance with the accepted bid within ten (10) calendar days after said contract is submitted to the Bidder. If the contract sum exceeds \$100,000 the Bidder will also furnish the Owner a Contract Performance Bond and a Labor and Materials Payment Bond with sufficient sureties, satisfactory to the Owner, in the amount of 100% of the accepted bid. The Bidder further agrees that in the event of the Bidders default or breach of any of the terms of this proposal, the said bid deposit shall be forfeited as liquidated damages. Base bids plus the sum of all additive alternates, if any, on contracts \$100,000 or less are not required to have a Bid Guaranty, Performance Bond, or a Labor and Materials Payment Bond.

The Bidder, hereby certifies this proposal has been carefully examined after completion, and has verified each item placed thereon. The Bidder agrees to indemnify, defend, and save harmless, the Owner against any cost, damage, or expense which it may incur or be caused by any error in the Bidders preparation of same. By signing the submitting this proposal, the Bidder certifies that no principal (which include officers, directors, and executives) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

The Bidder hereby certifies that if electronic bidding has been used, that the substituted unit price sheets attached hereto have been prepared by the Bidder and the substituted are accurate reproductions generated from the latest diskette provided by the Owner for this project. If any errors have been made by the Bidder in repairing the substituted sheets, the Bidder hereby consents that such errors will be applied by the Owner in the manner most beneficial to the Owner.

The Bidder hereby certifies and obligates its firm as "Principal (Bidder)" to the attached Bid Bond, as if and to the same effect as if the Bidder had affixed its signature thereon.

The Bidder hereby declares that the undersigned is the person or persons responsible within the firm for the final decision as to the price(s) and amount of this bid and the Bidder further declares that:

- A. The price(s) and amount of this bid have been arrived at independently, without consultation, communication, or agreement for the purpose of restricting competition with any other contractor, bidder, or potential bidder.
- B. Neither the price(s) nor the amount of this bid has been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.
- C. No attempt has been made or will be made to solicit, cause, or induce any firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or to submit any intentionally high or non-competitive bid or other form of complementary bid.
- D. The bid is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any other firm or person to submit a complementary bid.
- E. The Bidder has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any other firm or person, or offered, promised, or paid cash or anything of value to any other bidder or person, whether in connection with this or any other project, in consideration for an agreement or promise by any other firm or person to refrain from bidding or to submit a complementary bid on this project.
- F. The Bidder has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any other firm or person, and has not been promised or paid cash or anything of value by any other firm or person, whether in connection with this or any other project, in consideration for the firm's submitting a complementary bid, or agreeing to do so, on this project.

=====

(Exhibit 2)
BID PROPOSAL

- G. The Bidder made a diligent inquiry of all members, officers, employees, and agents of the Bidder with responsibilities relating to the preparation, approval, or submission of the firm's bid on this project and has been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act, or other conduct inconsistent with any of the statements and representations made in this declaration.
- H. The Bidder has fully informed the Owner in writing of all convictions of the firm, its affiliates, and all directors, officers, and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract or for violation of any state or federal law involving fraud, bribery, collusion, conspiracy, or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees of the firm or affiliates who were convicted of contract crimes while in the employ of another company.
- I. The Bidder certifies that, except as noted below, neither the firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of federal funds:
 - 1. is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR s29.110(a), by any federal department or agency.
 - 2. has within a 3-year period preceding this certification been convicted of or had a civil judgment rendered against them for: a) commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state, or local government transaction or public contract; b) violation of federal or state antitrust statutes; or c) commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - 3. is presently indicted for or otherwise criminally or civilly charged by a federal, state, or local governmental entity with commission of any of the offenses enumerated in subparagraph 2 of this certification.
 - 4. has within a 3-year period preceding this certification had one or more federal, state, or local government public transactions terminated for cause or default.
- J. The Bidder certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the Owner.
- K. The firm certifies that the Bidder is not a nonresident alien, or a foreign corporation/entity formed under the laws of a country other than the United States.
- L. Where the Bidder is unable to declare or certify as to any of the statements contained in this Proposal, the Bidder has provided an explanation in the "Exceptions" portion or by attached separate sheet.

EXCEPTIONS: _____

Any exception listed above will not necessarily result in denial of award, but will be considered in determining Bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency, and dates of agency action. Providing false information may result in criminal prosecution and/or administrative sanctions. I declare under penalty of perjury that the foregoing is true and correct.

=====
(Exhibit 2)
BID PROPOSAL

NOTE TO BIDDER:

For all bids exceeding \$100,000, a satisfactory Bid Guaranty of 5% (of the total bid amount) must be submitted along with the proposal or the bid will be declared non-responsive. The bid guaranty may be in the form of certified, cashier's or treasurer's check, bank draft or bid bond. Failure to fully complete and execute the proposal may also result in the bid being declared non-responsive (see Non-Technical Specifications, Section B-1 – Execution of Bid Proposal, Contract Agreement and Bonds).

BIDDER:

AUTHORIZED SIGNATURE:

PRINT NAME & TITLE:

(If applicable, Affix Seal)

=====
ATTEST:

PRINT NAME & TITLE / OR NOTARY:

=====

(Exhibit 3)
CONTRACT AGREEMENT
(Between Owner and Contractor)

THIS CONTRACT AGREEMENT is entered into this _____ day of _____ YR _____, between the State of Florida Department of Transportation, hereinafter called the Owner, and _____ of _____, hereinafter called the **CONTRACTOR**.

WITNESSETH: That the Contractor or its successors, administrator, or assigns, hereinafter called the Contractor agrees with the Owner, for the consideration herein mentioned, and at its own proper cost and expense, to do all the work and furnish all the materials, equipment, supplies, and labor necessary to carry out this Contract Agreement in the manner and to the full extent as set forth in the Contract Documents consisting of this Contract Agreement, Contractor's proposal, conditions of contract (general supplementary and other conditions), drawings, specifications, all addenda issued prior to execution of this Contract Agreement and all approved modifications issued subsequent thereto, and under security as set forth in the attached bond, all of which are hereby adopted and made part of this Contract Agreement as completely as if incorporated herein, and to the satisfaction of the duly authorized representatives of the Owner, who shall have at all times full opportunity to inspect the materials to be furnished and the work to be performed under this Contract Agreement. The Contractor shall also maintain such insurance as will protect the Owner from any or all claims for property damage, personal injury, and bodily injury including death, which may arise from operations under this contract. Certificates of such insurance shall be filed with the Owner and shall be subject to its approval for adequacy of protection.

It is agreed that the description and scope of work to be done under this contract is to construct or improve the following buildings/projects per the above statements:

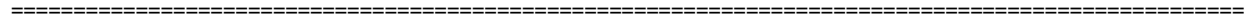
SCOPE OF SERVICE:

District Six Auditorium Bathrooms Renovation Project

in Miami-Dade County, and known as _____

In consideration of the foregoing premises, the Owner agrees to pay the Contractor for all items of work performed and material furnished at the unit prices and under conditions set forth in the attached proposal. In the event of conflict in the provisions of said Contract Documents, the provisions of the Non-Technical Specifications and Addenda thereto shall control over the A1A Document, A-201 and Addenda, Technical Specifications and Addenda, as well as, the Plans and Addenda.

IN WITNESS WHEREOF, The Owner has hereunto caused these presents to be subscribed, and the Contractor has affixed its name or names, and seal as appropriate, the date aforesaid.



(Exhibit 3)
CONTRACT AGREEMENT
(Between Owner and Contractor)

NOTE TO BIDDER:

Failure to fully complete and execute this contract document and return to the Owner within 10 calendar days of receipt may result in the award being cancelled.

Organized and existing under the laws of the State of _____ and authorized to do business in the State of Florida, pursuant to the laws of the State of Florida, Certificate of Incorporation or Organization or Certificate of Authority having been issued by the Florida Department of State.

CONTRACTOR:

NAME OF CONTRACTOR (as registered with Florida Division of Corporations)

AUTHORIZED SIGNATURE: _____

PRINT NAME AND TITLE: _____

(Affix Corporate Seal)

ATTEST:

PRINT NAME & TITLE / OR NOTARY: _____

OWNER:

SECRETARY, OR DESIGNEE SIGNATURE: _____

LEGAL REVIEW BY: _____

=====

(Exhibit 4)
ASSIGNMENT

=====

For and in recognition of good and valuable consideration, receipt of which is hereby acknowledged, (Contractor's Name)

acting herein by and through (President's Name) _____,

its (Title) _____,

and duly authorized agent, hereby conveys, sells, assigns, and transfers to the State of Florida all rights, title, and interest in and to all causes to action it may now or hereafter acquire under the antitrust laws of the United States and the State of Florida for price fixing, relating to the particular goods or services purchased or acquired by the State of Florida pursuant to:

Project Name: _____

Financial Project Number: _____

Contract Number: _____

=====

CONTRACTOR:

NAME OF CONTRACTOR (as registered with Florida Division of Corporations)

AUTHORIZED SIGNATURE: _____

PRINT NAME AND TITLE: _____

(Affix Corporate Seal)

ATTEST: _____

PRINT NAME & TITLE / OR NOTARY: _____

(Exhibit 5)
CERTIFICATE OF INSURANCE

Date: _____

This Certificate is issued at the request of: STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION

The following insurance policies of this company have been issued to: _____
 _____(INSURED) on the construction job designated below:

PROJECT NAME: _____

PROJECT LOCATION: _____

FINANCIAL PROJECT NUMBER: _____ CONTRACT NO. _____

INSURANCE IN FORCE	MINIMUM LIMITS	LIMITS IN FORCE	NAME OF INSURANCE CARRIER	EFFECTIVE AND EXPIRATION DATE
Workers Compensation and Employer Liability Policy No. _____	STATUTORY			
Contractor's Commercial General Liability and Property Damage Policy No. _____ Liability: Bodily Injury/Property Damage	\$300,000 Combined Single Limit each occurrence			
Automobile Liability Policy No. _____ Liability: Bodily Injury/Property Damage	\$100,000 Combined Single Limit each occurrence			
Owner's and Contractor's Protective Liability Policy No. _____ Liability: Bodily Injury/Property Damage	\$300,000 Combined Single Limit each occurrence			
Builder's Risk Coverage Policy No. _____	Contract Value Completed Value Basis			

(Exhibit 5)
CERTIFICATE OF INSURANCE

OTHER REQUIRED COVERAGES:

1. "XCU" (EXPLOSION, COLLAPSE, UNDERGROUND DAMAGE): The Contractor's Liability Policy shall provide "XCU" coverage for those classifications in which they are applicable.
2. CONTRACTUAL LIABILITY-WORK CONTRACTS: The Contractor's Liability Policy should include Contractual Liability Coverage designed to protect the Contractor for contractual liabilities assumed by the Contractor in the performance of this Contract.
3. INDEMNIFICATION RIDER: The Contractor's Liability Policy provides a "Hold Harmless" rider to cover the provisions of the Contractor's Insurance Section of the Non-Technical Specifications which is so noted on the Contractor's Certificate of Insurance.
4. BROAD FORM PROPERTY DAMAGE COVERAGE & COMPLETED OPERATIONS: The Contractor's Liability Coverage shall include Broad Form Property Damage Coverage and Completed Operations.
5. BINDERS: When binders are issued as interim coverage, it shall be the sole responsibility of the insurer to renew such binders as deemed necessary until such a time that the appropriate policy/policies are issued and copies of said policies delivered to the (Name of Contractor):_____.

It is hereby certified that the above listed required policies and other required coverages are in force and that the above listed policies protect the Owner and Contractor performing work under the contract for the construction job designated above, against all claims for damages for personal injury, including death, resulting from accidents and for damage to property, which may arise from operations under the contract whether such operations are by the Contractor or anyone directly employed by him in connection with the performance of the contract, but only to those limits of liability specified in pages one (1) and two (2) of this certificate.

In addition it is also hereby certified that the designated insurer will give notice by mail to the Owner's Project Manager, at least thirty (30) days prior to any material change in the provisions of or the cancellation of the above listed policies of insurance.

NOTE: *By signature, the Florida Licensed Agent attests that said Insurers are qualified and doing business in Florida.*

INSURER: _____

BY: _____
(Signature of Authorized Florida Licensed Agent)

(Print Name of Authorized Florida Licensed Agent)

FEID Number: _____

Address: _____

Telephone () _____ Fax () _____

(Exhibit 6)
CONTRACTOR'S INVOICE

Company Name:	Invoice Number:
Address:	Date:
Project Description:	
Location:	
Contract Number:	
Financial Project Number:	
Billing Period	From: To:
Original Contract Sum:	
Net Change by Change Orders:	
Contract Sum to Date:	
Amount Billed this Invoice:	
Retainage (10%):	
<i>(See G703 for percent complete of each item)</i>	
INVOICE TOTAL LESS RETAINAGE:	

Contractor's Signature

=====

(Exhibit 7)

CONTRACTOR'S AFFIDAVIT / CERTIFICATE OF CONTRACT COMPLETION

FINANCIAL PROJECT NUMBER: _____

PROJECT NAME: _____

PROJECT LOCATION: _____

CONTRACTOR: _____

CONTRACT FOR: _____

CONTRACT DATE: _____ CONTRACT AMOUNT: \$ _____

=====

CONTRACTOR'S AFFIDAVIT

I solemnly swear and affirm: The work under the above named contract and all amendments thereto have been completed in accordance with the requirements of said contract; that all costs incurred for equipment, materials, labor, and services against the project have been paid; that no liens have been attached against the project; that no suits are pending by reason of work on the project under the contract; that all Workers' Compensation claims are covered by Workers' Compensation insurance as required by law; that all public liability claims are adequately covered by insurance, and that the Contractor shall save, protect, defend, indemnify, and hold harmless the Owner from and against any and all claims which arise as a direct or indirect result of any transaction, event, or occurrence related to performance of the work contemplated under said contract.

Contractor Signature: _____ Date: _____

Printed Name & Title: _____

Address: _____

=====

STATE OF FLORIDA COUNTY OF _____

Personally appeared before me this _____ day of _____, YR _____ known (or made known to me to be the

(Sole Proprietor, Partner, or Corporate Officer's Name & Title)

Contractor(s), who, being by me duly sworn, subscribed to the foregoing affidavit in my presence.

(Form of Identification Produced) (Notary Public - Print Name)

My Commission Expires: _____
(Notary Public - Signature)

(Exhibit 7)

CONTRACTOR'S AFFIDAVIT / CERTIFICATE OF CONTRACT COMPLETION

FINANCIAL PROJECT NUMBER: _____

PROJECT NAME: _____

CONTRACTOR: _____

CONTRACT DATE: _____ DATE OF FINAL COMPLETION: _____

CERTIFICATE OF ARCHITECT-ENGINEER:

I CERTIFY, the work under the above Contract has been satisfactorily completed on the date set forth in accordance with the terms of the Contract; that the Contractor has submitted its sworn affidavit as evidence that the contractor has paid all labor, materials, and other charges against the project in accordance with the terms of the Contract.

Architect-Engineer Firm Name: _____

By: _____ Date: _____

TO BE COMPLETED BY ARCHITECT-ENGINEER THROUGH SUBSTANTIAL COMPLETION PHASE DATE DAYS LIQUIDATED DAMAGES
to be Completed by the Owner

1. Notice to Proceed (N.T.P.)			@\$ Per Day=\$
2. Time Specified in Original Contract for Substantial Completion (S.C.)			
3. Extension Granted by Change Orders (Days Between Original Contract S.C. and Final Contract S.C.)			
4. Total Days Allowable to Substantial Completion (Add Lines 2 and 3)			
5. Project Substantially Completed as Certified by Architect-Engineer (Total Days from N.T.P. through Date Certified by Architect-Engineer)			
6. Substantial Completion Overrun (Subtract Line 4 from 5 and Enter Overrun)			

THROUGH THE FINAL COMPLETION PHASE

1. Time Specified in Contract, Between Substantial and Final Completion		
2. Extensions Granted by Change Orders (Days Between Substantial Completion and Final Completion)		
3. Total Days Allowable Between Substantial and Final Completion (Add Lines 1 and 2)		
4. Date Actually Completed and Total Days Between Actual Substantial Completion and Date Certified By Architect-Engineer as Actually Being Finally Completed.		
5. Final Completion Overrun (Subtract Line 3 from 4 and Enter Overrun)		

TOTAL LIQUIDATED DAMAGES PER DAY = \$

Project Manager Signature: _____ Date: _____

Contract # **E-6M82**

Financial Project #: **442729-1-52-01/442729-2-52-01**

=====

(Exhibit 8)

CONTRACTOR'S CERTIFICATION OF NO PROHIBITED HAZARDOUS MATERIALS

Project Name: _____

Project Location: _____

Financial Project Number: _____ Contract Number: _____

I CERTIFY THAT NO ASBESTOS-CONTAINING MATERIALS, LEAD, CADMIUM, BERYLLIUM OR OTHER FEDERAL OR STATE PROHIBITED MATERIALS WERE SPECIFIED OR INSTALLED IN THE ABOVE STATED PROJECT.

Contractor Signature

Date

Contractor Name (Typed)

Name of Contractor Firm:

Street Address:

City, State & Zip:

Telephone () _____ FAX () _____

FEID Number

Contract # **E-6M82**

Financial Project #: 442729-1-52-01/442729-2-52-01

(Exhibit 9)

CONSTRUCTION CONTRACT CHANGE ORDER

Change Order No.: _____ Contract No.: _____ Financial Project No.: _____
 State Project Name: _____

Architect/Engineer: _____ Contractor: _____
 Address: _____ Address: _____
 City: _____ City: _____
 State: _____ Zip: _____ State: _____ Zip _____
 Telephone: _____ Telephone: _____

DESCRIPTION OF CHANGE (attach additional sheet if necessary)			Decrease In	Increase In
Notice to Proceed Date			Original Contract Sum	
Contract Time	# Days	Date	Contract Sum	
Original Contract Time			Subtotal	
Present Contract Time			Net-Add-(Deduct)	
This Change-Add-(Deduct)			Present Contract Sum	
New Contract Time			New Contract Sum	

The Change Order is an amendment to the Contract Agreement between the Contractor and Owner, and all contract provisions shall apply unless specifically exempted. The amount and time change designated are the maximum agreed to by both the Owner and Contractor for this change. In consideration of the foregoing adjustments in contract time and contract sum the Contractor hereby releases the Owner from all claims, demands, or causes of action arising out of the transactions, events and occurrences giving rise to this Change Order. This written Change Order is the entire agreement between the Owner and Contractor with respect to this Change Order. No other agreements or modifications shall apply to this contract amendment unless expressly provided herein.

RECOMMENDED:

AGREED:

AGREED:

Signature (Architect/Engineer)

Signature (Contractor)

Signature (Owner)

Date: _____

Date: _____

Date: _____

(Exhibit 10)
LIST OF SUBCONTRACTORS

THIS LIST IS ATTACHED TO, AND IS AN INTEGRAL PART OF THE BID SUBMITTED BY:

Date: _____

Bidder Full Name: _____

Street Address: _____

City, State, Zip Code: _____

FOR CONSTRUCTION OF: _____

The undersigned, hereinafter called "Bidder", lists below the name of each subcontractor who will perform the phases of the work indicated. Failure of the Bidder to supply sufficient information to allow verification of the Corporate and Discipline License Status of the subcontractor may deem the bid as non-responsive and rejected. If applicable, complete the Minority Business Enterprises (MBE) Column identifying whether the Subcontractor is a certified or non-certified MBE. (NOTE: MBE data shall in no way influence the bid selection, order of acceptances, or rejection.)

TYPE OF WORK / PHASE SUBCONTRACT	NAME OF SUBCONTRACTOR	CORPORATE - OR - NONCORPORATE	DISCIPLINE LICENSE STATUS	MINORITY BUSINESS ENTERPRISE (MBE) (Certified - OR - Non-Certified)

NOTE: If the prime contractor does not list a Subcontractor for the specified discipline(s), the prime contractor must have all necessary licenses to perform the work.

Completed By: _____
 Type or Print Name Signature

(Exhibit 11)

PERFORMANCE BOND

(Bond No. _____)

NOTE: THIS BOND IS ISSUED SIMULTANEOUSLY WITH LABOR AND MATERIAL PAYMENT BOND IN FAVOR OF THE OWNER CONDITIONED ON THE FULL AND FAITHFUL PERFORMANCE OF THE CONTRACT.

BY THIS BOND, We _____

(Name, Address and Phone Number), as
Principal (Contractor), and _____

(Name, Address and Phone Number)
a corporation, as Surety, are bound to the Florida Department of Transportation, _____

(Address and Phone Number)
herein called Owner, in the sum of \$_____ for payment of which we bind ourselves, our heirs, administrators,
personal representatives, successors, and assigns, jointly and severally.

WHEREAS, the Contractor has by written agreement, dated _____ entered into a contract with the Owner for _____

(Project Description, Legal Description or Street Address),
Financial Project Number _____,
hereinafter referred to as the Contract.

CONDITIONS OF THIS BOND ARE AS FOLLOWS:

Contractor shall promptly and faithfully perform said Contract and all obligations thereunder, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alteration or extension of time made by the Owner. Whenever Contractor shall be, and Declared by Owner to be in default under the Contract, the Owner having performed Owner's obligations thereunder, the Surety may promptly remedy the default, in accordance with Section 255.05, Florida Statutes, or shall promptly:

- A. Complete the Contract in accordance with its terms and conditions, or
- B. Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon determination by Surety of the lowest responsible bidder or, if the Owner elects, upon determination by the Owner and the Surety jointly of the lowest responsible bidder, arrange for a Contract between such bidder and Owner, and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract price", as used in this paragraph, shall mean the total amount payable by Owner to Contractor under the Contract and any amendments thereto, less the amount properly paid by Owner to Contractor. Notwithstanding anything to the contrary contained herein, the Surety agrees that the defaulting Contractor shall not be selected as the completing contractor.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Owner named herein or the heirs, executors, administrators or successors of the Owner. The time within which the Owner can institute an action on this Bond against the Surety or Contractor shall be determined by the time periods of Section 95.11(3)(c), Florida Statutes.

Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes.

(Exhibit 11)

PERFORMANCE BOND

(Bond No. _____)

IN WITNESS WHEREOF, Principal and Surety have executed these presents and the Surety has affixed its seal, this _____ day of _____, 20_____.

NOTE: BY SIGNATURE THE ATTORNEY-IN-FACT FOR THE SURETY ATTESTS THAT SAID SURETY COMPLIES

CONTRACTOR: _____ Date: _____

Authorized Signature: _____

Print Name & Title: _____

NAME OF SURETY: _____ Date: _____

Signature (Attorney-in-Fact): _____ (Affix Seal)

Signature of Florida Licensed Agent: _____

Print Full Name, Address and Telephone No.: _____

CONTRACTOR SHALL RECORD THIS BOND IN THE PUBLIC RECORDS OF THE COUNTY WHERE THE IMPROVEMENT IS LOCATED PRIOR TO COMMENCING THE WORK IN ACCORDANCE WITH SECTION 255.05(1)(a), FLORIDA STATUTE.

NOTES CONCERNING SURETY AND EXECUTION:

A. SURETY COMPANY REQUIREMENTS

To be acceptable to the Owner, the Surety shall comply with all of the requirements of Non-Technical Specifications, Section A, Instructions to the Bidders.

B. EXECUTION OF BOND

1. Enter the Surety's name and address on each copy of the Bond in the space provided.
2. Have each copy of the Bond signed by the same person that signed the Contract Agreement on behalf of the Contractor (affix Corporate Seal, if appropriate).
3. Have each copy of the Bond signed by the person authorized to sign on behalf of the Surety. Put the date the signature was affixed in the space provided. Print that person's name in the place provided on each copy of the Bond. Also, have the Surety's Corporate Seal affixed to each copy of the Bond beside that person's signature (No Facsimiles are acceptable).
4. Have each copy of the Bond signed by a Florida Licensed Agent (Reference Sections 624.425 and 624.426, Florida Statutes). Print that person's name, address and phone number in the place provided on each copy of the Bond. This may be the same person indicated in B.3 above, if this person is a Florida Licensed Agent and is also authorized to sign on behalf of the Surety as Attorney-In-Fact.
5. Each copy of the Bond must have a Power of Attorney attached indicating that the person in item B.3 above is authorized to sign on behalf of the Surety.
6. Each copy of the Power of Attorney must have the Surety's Corporate Seal manually affixed unless facsimile seal is authorized.
7. The date of execution of the Power of Attorney is the same as the date shown on the signature line for the Surety Attorney-In-Fact.
8. If Bond is backed by the Small Business Administration, then a certified true and correct copy of the Surety Bond Guarantee Agreement, SBA Form 990, must be attached to each copy of the Bond.

(Exhibit 12)

LABOR AND MATERIALS PAYMENT BOND

(Bond No. _____)

NOTE: THIS BOND IS ISSUED SIMULTANEOUSLY WITH PERFORMANCE BOND IN FAVOR OF THE OWNER CONDITIONED ON THE FULL AND FAITHFUL PERFORMANCE OF THE CONTRACT.

BY THIS BOND, We _____
_____ (Name, Address and Phone Number), as Principal (Contractor), and _____

_____ (Name, Address and Phone Number) a corporation, as Surety, are bound to the Florida Department of Transportation, _____

_____ (Address and Phone Number) herein called Owner, in the sum of \$_____ for payment of which we bind ourselves, our heirs, administrators, personal representatives, successors, and assigns, jointly and severally.

WHEREAS, the Contractor has by written agreement, dated _____ entered into a contract with the Owner for _____

_____ (Project Description, Legal Description or Street Address), Financial Project Number _____,

hereinafter referred to as the Contract.

CONDITIONS OF THIS BOND ARE AS FOLLOWS:

- A. Contractor shall promptly make all payments owing when due to all persons who are defined in Section 713.01, Florida Statutes, who furnish labor, services, or materials for the prosecution of the work provided for in the Contract Documents.
- B. Each said claimant shall have a right of action against the Contractor and Surety for the amount due him or her, including unpaid finance charges due under the claimant's contract. No such action shall subject the Owner to any cost, expense, loss, or damage, and Contractor shall promptly pay Owner for the full measure of all cost, expense, loss, damage, and attorney fees sustained by Owner as a result of any default by Contractor under the contract.
- C. Pursuant to Section 255.05, Florida Statutes, a claimant, except a laborer, who is not in privity with the Contractor shall, before commencing or not later than 45 days after commencing to furnish labor, materials, or supplies for the prosecution of the work, furnish the Contractor with a notice that he or she intends to look to the Bond for protection. A claimant who is not in privity with the Contractor and who has not received payment for his or her labor, materials, or supplies shall deliver to the Contractor and to the Surety written notice of the performance of the labor or delivery of the materials, or supplies and of the nonpayment. The notice of nonpayment may be served at any time during the progress of the work or thereafter but not before 45 days after the first furnishing of labor, services, or materials, and not later than 90 days after the final furnishing of the labor, services, or materials by the claimant or, with respect to rental equipment, not later than 90 days after the date that the rental equipment was last on the job site available for use. No action for the labor, materials, or supplies may be instituted against the contractor or the surety unless both notices have been given. Notices required or permitted under this section may be served in accordance with s. 713.18. An action, except for an action exclusively for recovery of retainage, must be instituted against the contractor or the surety on the payment bond or the payment provisions of a combined payment and performance bond within 1 year after the performance of the labor or completion of delivery of the materials or supplies. An action exclusively for recovery of retainage must be instituted against the contractor or the surety within 1 year after the performance of the labor or completion of delivery of the materials or supplies, or within 90 days after receipt of final payment (or the payment estimate containing the owner's final reconciliation of quantities if no further payment is earned and due as a result of deductive adjustments) by the contractor or surety, whichever comes last. The time periods for service of a notice of nonpayment or for bringing an action against a contractor or a surety shall be measured from the last day of furnishing labor, services, or materials by the claimant and shall not be measured by other standards, such as a issuance of a certificate of occupancy or the issuance of a certificate of substantial completion. If a claimant is no longer furnishing labor, services, or materials on a project, a contractor or the contractor's agent or attorney may elect to shorten the prescribed time in accordance with Section 255.05(2)(a)1, Florida Statutes. Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes.
- D. An action against the Surety or the Contractor or both, may be brought in the county in which the public building or public work is being constructed or repaired or in any other place authorized by the provisions of Chapter 47, Florida Statutes.
- E. The amount of this Bond shall be changed only to the extent that the contract sum is changed in accord with applicable provisions of the Contract Agreement.

(Exhibit 12)

LABOR AND MATERIALS PAYMENT BOND

(Bond No. _____)

F. Neither any change in or under the Contract Documents, nor any compliance or noncompliance with any formalities provided in the contract of the change shall relieve the Surety of its obligations under this Bond.

IN WITNESS WHEREOF, Principal and Surety have executed these presents and the Surety has affixed its seal, this _____ day of _____, 20_____.

NOTE: BY SIGNATURE THE ATTORNEY-IN-FACT FOR THE SURETY ATTESTS THAT SAID SURETY COMPLIES WITH ALL PROVISIONS CONTAINED IN THE NON-TECHNICAL SPECIFICATIONS.

CONTRACTOR: _____ Date: _____

Authorized Signature: _____

Print Name & Title: _____

NAME OF SURETY: _____ Date: _____

Signature (Attorney-in-Fact): _____ (Affix Seal)

Signature of Florida Licensed Agent: _____

Print Full Name, Address and Telephone No. _____

CONTRACTOR SHALL RECORD THIS BOND IN THE PUBLIC RECORDS OF THE COUNTY WHERE THE IMPROVEMENT IS LOCATED PRIOR TO COMMENCING THE WORK IN ACCORDANCE WITH SECTION 255.05(1)(a), FLORIDA STATUTE.

NOTES CONCERNING SURETY AND EXECUTION:

A. SURETY COMPANY REQUIREMENTS

To be acceptable to the Owner, the Surety shall comply with all of the requirements of Non-Technical Specifications, Section A, Instructions to the Bidders.

B. EXECUTION OF BOND

1. Enter the Surety's name and address on each copy of the Bond in the space provided.
2. Have each copy of the Bond signed by the same person that signed the Contract Agreement on behalf of the Contractor (affix Corporate Seal, if appropriate).
3. Have each copy of the Bond signed by the person authorized to sign on behalf of the Surety. Put the date the signature was affixed in the space provided. Print that person's name in the place provided on each copy of the Bond. Also, have the Surety's Corporate Seal affixed to each copy of the Bond beside that person's signature (No Facsimiles are acceptable).
4. Have each copy of the Bond signed by a Florida Licensed Agent (Reference Sections 624.425 and 624.426, Florida Statutes). Print that person's name, address and phone number in the place provided on each copy of the Bond. This may be the same person indicated in B.3 above, if this person is a Florida Licensed Agent and is also authorized to sign on behalf of the Surety as Attorney-In-Fact.
5. Each copy of the Bond must have a Power of Attorney attached indicating that the person in item B.3 above is authorized to sign on behalf of the Surety.
6. Each copy of the Power of Attorney must have the Surety's Corporate Seal manually affixed unless facsimile seal is authorized.
7. The date of execution of the Power of Attorney is the same as the date shown on the signature line for the Surety Attorney-In-Fact.
8. If Bond is backed by the Small Business Administration, then a certified true and correct copy of the Surety Bond Guarantee Agreement, SBA Form 990, must be attached to each copy of the Bond.

(Exhibit 13)
BID BOND

KNOW ALL MEN BY THESE PRESENTS: That we, _____, as Principal (Bidder), and _____ as Surety, are held and firmly bound unto the Florida Department of Transportation (hereinafter called the Owner), in the full and just sum of FIVE PERCENT (5%) of the actual bid total on the Bid Proposal, in lawful money of the United States of America, to be paid to the Owner, to which payment well and truly to be made we bind ourselves, our heirs, executors, administrators, successors, and assignees, jointly and severally and firmly be these presents:

WHEREAS, the Principal is herewith submitting a bid to the State of Florida, Department of Transportation for constructing or otherwise improving a building(s) in _____ County, particularly known as _____, Financial Project No(s) _____.

NOW, THEREFORE, THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that if the Principal shall execute the Contract Agreement and give bond for the faithful performance thereof within ten (10) days after being notified in writing of the award of such contract to Principal, or if the Surety shall pay the Owner the full amount of this bond, then this obligation shall be void; otherwise it shall remain in full force and effect.

SIGNED, SEALED, AND DATED THIS _____ day of _____, YR _____

NAME OF SURETY: _____ (Affix Surety Seal)

By: _____ (Agent or Attorney-In-Fact)

Printed Name: _____

Address (City, State, Zip): _____

Telephone #: _____ FAX #: _____ FEID No.: _____

Countersigned: _____ Florida Licensed Agent)

Printed Name: _____

Address (City, State, Zip): _____

Telephone #: _____ FAX #: _____

The following statement is to be completed regarding the Florida Licensed Agent: STATE OF FLORIDA
COUNTY OF: _____

Before me, the above signed authority, personally appeared _____ who is personally known to me or has produced _____ (type of identification), identification and is duly sworn, deposes and says that he/she is a duly authorized insurance agent, properly licensed under the laws of the State of Florida to represent _____ of _____ a company authorized to make corporate Surety Bonds under the laws of Florida and acceptable as Surety on Federal Bonds and that he/she has signed or countersigned the above bond on the Surety's behalf. Sworn, and subscribed to before me this _____ day of _____, 20 ____.

My Commission Expires: _____

Signature: _____
Notary Public, State of Florida at Large

NOTES:

- 1. The Bidder is not required to sign this document, as execution of the Bid Proposal specifically binds the principal bidder to the obligations arising from this document. Failure of the principal bidder to execute the Bid Proposal, or failure of the surety to execute this document, shall result in the bid being declared non-responsive.
- 2. Power of Attorney showing authority of Surety's Agent or Attorney-In-Fact must be furnished with this form. Affix Corporate Seal of Surety. No Bid Guaranty is required if the total amount of the bid is \$100,000 or less.

(Exhibit 14)

**(FINANCIAL PROJECT NUMBER)
(PROJECT NAME)**

STATE OF FLORIDA

BEING CONSTRUCTED BY:
DEPARTMENT OF TRANSPORTATION

RON DESANTIS
GOVERNOR

KEVIN THIBAUT
SECRETARY

DO NOT USE THIS PAGE!

(Name of Architect-Engineer)

(Name of Contractor)

(Address of Architect-Engineer)

(Address of Contractor)

(Exhibit 15)

**CONTRACTOR'S EXPERIENCE QUESTIONNAIRE
AND FINANCIAL STATEMENT**

The information listed in the Experience Questionnaire and Contractor's Financial Statement Forms is required to be filed with soliciting agencies prior to award of any contract. In order to expedite the processing of contracts, please complete the enclosed forms in accordance with these instructions.

The bidder is required to complete all the attached forms. If the bidder is a Joint Venture, then each Corporation, Partnership, or Individual that is a party to the Joint Venture must individually complete each form.

All references to "fiscal year" in this questionnaire will mean the fiscal year of the bidder filing this form.

PAGE 2 OF 9:

Project Title - Indicate title of project as shown in the specifications.

Location - Project location as shown in the specifications.

Trades or Trades Being Bid - Enter the appropriate code number(s) from the list below which represent the trade(s) for which you are qualified to bid:

<u>Trade</u>	<u>Code Number</u>
Building Construction	1
Electrical	2
Elevator	3
Food Service	4
Heating, Ventilating & Air Conditioning	5
Laboratory Equipment	6
Landscaping	7
Plumbing	8
Power Plants (Boilers, Equipment & Piping)	9
Refrigeration	10
Roofing	11
Sanitary (Sewage Treatment Plants, Pumping Stations, etc.)	12
Other	13

PAGES 3 & 4 OF 9:

Complete in accordance with form.

PAGE 5 OF 9:

Section 53 - Under "c", list previous business name or names and the number of years you have done business under these names within the past 10 years.

PAGE 6 OF 9:

Section 54 - From your present payroll indicate the number of individuals in each category in the "Current" column. Estimate the maximum and minimum number of employees over the previous 3 fiscal years in each category.

PAGES 7 & 8 OF 9:

Complete in accordance with form.

PAGE 9 OF 9

- 1) In Section 62, Column C insert "S" if a subcontractor or "P" if a prime-contractor. The balance of this section is to be completed in accordance with form.
- 2) Billings for 3 fiscal years - insert year and amount.
- 3) Work in Progress at the end of the past 3 fiscal years - same as above.

(Exhibit 15)

**CONTRACTOR'S EXPERIENCE QUESTIONNAIRE
AND FINANCIAL STATEMENT**

Project Name: _____

Project Location: _____

Insert code number of trade or trades for which you are qualified to bid on the basis of previous experience in accordance with attached detailed instructions, each on the respective line shown below:

1. _____

2. _____

3. Is your organization currently pre-qualified with any governmental agency? _____

If so, please list: _____

4. Have you, in the previous five years, been awarded a contract award on which you submitted the low bid in competitive bidding, or been refused prequalification? _____

If so, please list and describe: _____

5. Submitted by: _____ Date: _____

Address: _____

6. Check appropriate box:

A Corporation

A Co-Partnership

An Individual

A Joint Venture

The Contractor acknowledges that this Experience Questionnaire and Financial Statement is made for the express purpose of inducing the Owner to whom it is submitted to award a contract to the contractor, and further the Contractor acknowledges that the agency may at its discretion, by means which the Owner may choose, determine the truth and accuracy of all statements made by the Contractor herein.

(Exhibit 15)

SECTION "A" - FINANCIAL STATEMENT

As of _____ (Date)

ASSETS

7. CASH* \$ _____

ACCOUNTS RECEIVABLE

- 8. From Government Contracts Completed _____
- 9. From Non-Government Contracts Completed _____
- 10. Claims included in 8 and 9 not yet approved or in litigation \$ _____
- 11. From Government Contracts in Process _____
- 12. From Non-Government Contracts in Process _____
- 13. Claims included in 11 and 12 not yet approved or in litigation _____
- 14. Retainage included in 11 and 12 _____
- 15. Other** (list) _____

NOTES RECEIVABLE

- 16. Due within 90 days** _____
- 17. Due after 90 days** _____

INVESTMENTS

- 18. Listed securities - present market value _____
- 19. Unlisted securities - present value _____

BID DEPOSITS

- 20. Recoverable within 90 days _____
- 21. Recoverable after 90 days _____

ACCRUED INTEREST

- 22. Receivable on notes _____
- 23. Receivable on investments _____
- 24. Other (list) _____

25. REAL ESTATE (Book Value or Market, whichever is less) _____

26. INVENTORIES (Not included in receivable billing & at present value) _____

27. EQUIPMENT-NET BOOK VALUE
(Supply list by cost, depreciation, net book value) _____

OTHER ASSETS

- 28. Contract Costs in excess of Billings \$ _____
- 29. Cash Surrender Value of Life Insurance _____
- 30. Receivables from Officers and Employees _____

DO NOT USE THIS PAGE!

(Exhibit 15)

SECTION "A" - FINANCIAL STATEMENT

- 31. Other (list) _____
- 32. TOTAL ASSETS \$ _____
 *Do not include deposits for bids or other Guarantees
 **Do not include receivables from officers and employees
- ACCOUNTS PAYABLE**
- 33. Due within 1 year _____
- 34. Due after 1 year _____
- NOTES PAYABLE**
- 35. Due within 1 year _____
- 36. Due after 1 year _____
- 37. Officers and Employees _____
- 38. TAXES PAYABLE _____
- 39. ACCRUED AND ACTUAL PAYROLL PAYABLE _____
- 40. MORTGAGES PAYABLE _____
- OTHER LIABILITIES**
- 41. Federal Income Tax Provision _____
- 42. Deferred Income _____
- 43. Other (list) _____
- NET WORTH**
- 44. (If individual proprietors or partnership) _____
- CAPITAL STOCK**
- 45. Common Issued and Outstanding _____
- 46. Preferred Issued and Outstanding _____
- 47. Treasury stock \$ _____
- CAPITAL SURPLUS**
- 48. Earned Surplus Prior Years _____
- 49. Earned Surplus Current Year _____
- 50. TOTAL LIABILITIES AND NET WORTH \$ _____

DO NOT USE THIS PAGE!

NOTE: IF ADDITIONAL SPACE IS REQUIRED, PLEASE NOTE AND ATTACH SCHEDULE TO STATEMENT

51. Dated this _____ day of _____, YR _____.

Name of Organization

By: _____
Signature/Title

(Exhibit 15)

SECTION 'B' - EXPERIENCE QUESTIONNAIRE

52. If a Corporation, answer this:

If a Partnership or Individual Proprietorship, answer this:

Date of incorporation _____

Date of organization _____

In what State _____

If a partnership, state whether partnership is general, limited or social on _____

Name of Officers:

President _____

Name and Address of Partners:

Vice President _____

Vice President _____

Secretary _____

Treasurer _____

53. a. How many years has your organization been in the construction business?

b. How many years under your present business name?

c. How many years under previous business name? (List other names)

SUBSIDIARY OR AFFILIATED COMPANIES IN WHICH PRINCIPALS HAVE FINANCIAL INTEREST

NAME AND ADDRESS OF SUBSIDIARY OR AFFILIATED COMPANIES

EXPLAIN IN DETAIL THE PRINCIPAL'S INTEREST IN THIS COMPANY AND NATURE OF BUSINESS

(Exhibit 15)

NUMBER OF FULL TIME PERSONNEL WITHIN YOUR ORGANIZATION

- 54. a. Clerical Personnel _____
- b. Engineers & Architects _____
- c. Supervisors, Foremen, or Superintendents _____
- d. Skilled Employees including Technicians _____
- e. Unskilled Employees _____
- f. Estimators _____
- g. Total number of full time personnel _____

55. WHAT IS THE CONSTRUCTION EXPERIENCE OF THE PRINCIPALS AND SUPERVISORY PERSONNEL OF YOUR ORGANIZATION? (Asterisk any personnel likely to be assigned to project being bid.)

PRINCIPAL'S NAME	TITLE	YEARS OF CONSTRUCTION EXPERIENCE	IN WHAT CAPACITY AND WITH WHOM
_____	_____	_____	_____
_____	_____	_____	_____

56. SUPERVISORY PERSONNEL	TITLE	YEARS OF CONSTRUCTION EXPERIENCE	IN WHAT CAPACITY AND WITH WHOM
_____	_____	_____	_____
_____	_____	_____	_____

57. Within the previous 3 fiscal years has your organization or predecessor organizations ever failed to complete a project? If so, state name of organization and reason thereof.

58. Within the previous 3 fiscal years has your organization been involved in litigation? _____. If so, please list and explain nature and current status.

(Exhibit 15)

STATUS OF UNCOMPLETED CONTRACTS

As of: _____ (date)

62. Give full information about all of your present contracts. In Column C insert "S" if a subcontractor or "P" if a prime contractor, whether in progress or awarded but not yet begun; and regardless of with whom contracted.

A Project Description Location & Owner	B Design Architect And/Or Design Engineer	C Total Amount of Your Contract (Or Subcontract)	D Amount In Column C Sublet To Others	E Uncompleted Amount of Contract
Total				

DO NOT USE THIS PAGE!

COMPLETE THE FOLLOWING:

Net Total Billings for Previous 3 Fiscal years:

Average Backlog for Previous 3 Fiscal Years: (Estimated total value of uncompleted work on outstanding contract)

YR _____ \$ _____

YR _____ \$ _____

YR _____ \$ _____

YR _____ \$ _____

YR _____ \$ _____

YR _____ \$ _____

STATE OF FLORIDA - DEPARTMENT OF TRANSPORTATION
**MINORITY BUSINESS ENTERPRISES (MBE)
PAYMENT CERTIFICATION**

This is to certify that _____
MBE Subcontractor / Subconsultant

received a progress payment of \$ _____ on _____ (date)

from _____ (Prime Contractor)

for labor and/or materials used on: Contract Number _____

Financial Project Number _____

County _____

Signed by Official of Prime Contractor / Consultant: _____

Date: _____ Typed or Printed Name _____

Title _____

Total dollars committed to MBE
Subcontractor / Subconsultant \$ _____

Total paid this month \$ _____

Total previously paid \$ _____

Total paid to date \$ _____

Signed by Official of MBE Subcontractor / Subconsultant: _____

Date: _____ Typed or Printed Name _____

Title _____

NOTE: Contractor / Consultant shall include the MBE Payment Certification Form with each pay request submitted and must be signed by both the MBE Subcontractor / Subconsultant and the Prime Contractor / Consultant.

- Distribution: 1) Owner's Project Manager
2) District FCO Coordinator
3) Central Procurement Office, Mail Station 20