

CITY OF FORT LAUDERDALE
CONTRACT AND SPECIFICATIONS PACKAGE

BID/EVENT NO. 178

PROJECT NO. P12753

Cooley's Landing Marina Park Administration Building Improvements



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See Attachment A – Plans and Specifications – Cooley’s Landing	

Note: The following documents are available electronically for completion and must be returned with your bid along with your bid security, proof of insurance, and proof of required licenses/certifications.

CITB Questionnaire Sheet
Local Business Preference Certification
Disadvantaged Business Enterprise Preference Certification
Non-Collusion Statement
Non-Discrimination Certification Form
E-Verify Statement
Contract Payment Method
Construction Bid Certification Page

INVITATION TO BID

Sealed bids will be received electronically until **2:00 p.m.**, local time, on **Friday, September 29, 2023**, and opened online immediately thereafter for **Event No. 178, Project No. 12753, for Cooley's Landing Marina Park Administration Building Improvements**.

All openings will be held on the City's online strategic sourcing platform. Once the Procurement Specialist opens the solicitation, the bid tabulations may be viewed immediately on a computer, laptop, cell phone, or any other device with Wi-Fi access.

Anyone requesting assistance or having further inquiry in this matter must contact the Procurement Specialist indicated in the solicitation, via the Question and Answer (Q&A) forum on the City's online strategic sourcing platform before the Last Day for Questions indicated in the Solicitation.

This Project is located at 450 Cooley Avenue in the City of Fort Lauderdale. The work includes, but is not limited to, complete administration building renovation including demolition, walls, doors, LVT, tile and sealing flooring, wall tile, restrooms fixtures and accessories, toilet partitions, counters, acoustic ceilings, gypsum board ceiling, kitchen casework, plumbing, HVAC and electrical upgrades.

Drawing Plans: This Project consists of Drawing File No., **2302, 22 sheets**. Drawing plans may be obtained **free of charge** at the City's online strategic sourcing platform.

Licensing Requirements:

Possession of a State of Florida Registered Building Contractor or General Contractor license is required for this Project.

NOTE: Payment on this contract will be made by Visa or MasterCard.

There will not be a pre-bid meeting and/or site visit for this Invitation to Bid.

However, it will be the sole responsibility of the bidder to inspect the City's location(s)/facilities and become familiar with the scope of the City's requirements and systems prior to submitting a bid. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a bid will be considered evidence that the bidder has familiarized himself with the nature and extent of the work, equipment, materials, and labor required.

Bid Security: A certified check, cashier's check, bank officer's check or bid bond for **FIVE percent (5%)** of the bid amount, made payable to the City of Fort Lauderdale, Florida, shall accompany each offer.

Bid Bonds:

Bidders can submit bid bonds **three** different ways.

- 1) Bidders may submit bid bonds **electronically** directly through the City's online strategic sourcing platform using **Surety 2000**.
- 2) Bidders may **upload** their original executed bid bond on the City's online strategic sourcing platform to accompany their electronic bids, and **mail** the original, signed and sealed hard copy to the Finance Department, Procurement Services Division, 100 North Andrews Avenue, Room 619, Fort Lauderdale, Florida 33301-1016, **within five (5) business days** after bid opening, with the company name, bid number and title clearly indicated on the envelope.
- 3) Bidders can **mail** their bid bond to the Finance Department, Procurement Services Division, 100 North Andrews Avenue, Suite 619, Fort Lauderdale, Florida 33301-1016, **before time of bid opening**, with the company name, bid number and title clearly indicated on the envelope. **NOTE: Bond must be received in Procurement and time stamped before bid opening.**

It will be the sole responsibility of the bidder to ensure that its bid is submitted prior to the bid opening date and time listed.

PAPER BID SUBMITTALS WILL NOT BE ACCEPTED. BIDS MUST BE SUBMITTED ELECTRONICALLY VIA THE CITY'S ONLINE STRATEGIC SOURCING PLATFORM.

Certified Checks, Cashier's Checks and Bank Drafts:

These **CANNOT** be submitted via the City's online strategic sourcing platform, nor are their images allowed to be uploaded and submitted with your electronic bid. These forms of securities, as well as hard copy bid bonds, must be received on or before the Invitation to Bid (ITB) opening date and time, at the Finance Department, Procurement Services Division, 100 North Andrews Avenue, Suite 619, Fort Lauderdale, Florida 33301-1016, with the bid number and title clearly indicated on the envelope.

It is the bidder's sole responsibility to ensure that its bid bond or other bid security is received by the Procurement Services Division before the time of bid opening. Failure to adhere to this requirement may be grounds to consider the bid as non-responsive.

The City of Fort Lauderdale reserves the right to waive any informality in any or all bids and to reject any or all bids.

For information concerning technical specifications, please utilize the Q&A platform provided on the City's online strategic sourcing platform. Questions of a material nature

must be received prior to the cut-off date specified in the solicitation. Material changes, if any, to the scope of services or bidding procedures, will only be transmitted by written addendum. **Bidders please note:** No part of your bid can be submitted via FAX. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a bid will be considered evidence that the bidder has familiarized himself with the nature and extent of the work, equipment, materials, and labor required. The entire bid response must be submitted in accordance with all specifications contained in this solicitation. Information on bid results and projects currently out to bid can be obtained on the City's website – <https://www.fortlauderdale.gov/government/departments-a-h/finance/procurement-services>.

For general inquiries, please call (954) 828-5933.

INSTRUCTIONS TO BIDDERS

The following instructions are given for the purpose of guiding bidders in properly preparing their bids or proposals. These directions have equal force and weight with the specifications, and strict compliance is required with all of these provisions.

QUALIFICATIONS OF BIDDERS – No bid will be accepted from, nor will any contract be awarded to, any person who is in arrears to the City of Fort Lauderdale, upon any debt or contract, or who has defaulted, as surety or otherwise, upon any obligation to the City, or who is deemed irresponsible or unreliable by the City Commission of Fort Lauderdale.

CONCERNING SUB-CONTRACTORS, SUPPLIERS, AND OTHERS - The amount of work that is sublet by the Bidder shall be limited by the condition that the Bidder shall, with his own organization, perform at least forty percent (40%) of the total dollar amount of the Work to be performed under the Agreement.

PERSONAL INVESTIGATION - Bidders shall satisfy themselves by personal investigation, and by such other means as they may think necessary or desirable, as to the conditions affecting the proposed work and the cost. No information derived from maps, plans, specifications, or from the Engineer or City staff shall relieve the Contractor from any risk or from fulfilling all terms of the contract.

INCONSISTENCIES – Any inconsistency between different provisions of the plans, specifications, bid or contract, or any point requiring explanation must be inquired by the bidder, in writing, at least ten (10) days prior to the time set for opening bids. After bids are opened, the bidders shall abide by the decision of the Engineer as to such interpretation.

ADDENDA AND INTERPRETATIONS - No interpretations of the meaning of the plans, specifications or other contract documents will be made orally to any bidder. Prospective bidders must request such interpretation in writing as instructed in the bid package. To be considered, such request must be received by the Questions and Answers deadline as indicated in the City's online strategic sourcing platform. Material changes, if any, to the scope of services or bidding procedures will only be transmitted by written addendum. **It is the bidder's responsibility to verify if addenda have been issued in the City's online strategic sourcing platform.** Failure of any bidder to receive any such addenda or interpretation shall not relieve any bidder from any obligation under its bid as submitted. All addenda so issued shall become a part of the contract document. **Bidder** shall verify in the City's online strategic sourcing platform that it has all addenda before submitting a bid.

LEGAL CONDITIONS - Bidders are notified to familiarize themselves with the provisions of the laws of the State of Florida relating to hours of labor on municipal work, and with the provisions of the laws of the State of Florida and the Charter and the ordinances of the City of Fort Lauderdale.

PUBLIC ENTITY CRIMES - 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 thirty-six (36) months from the date of being placed on the convicted vendor list.

FORMS OF BIDS - Each bid and its accompanying statements MUST BE SUBMITTED ELECTRONICALLY, IN GOOD ORDER WITH ALL BLANKS COMPLETED, and must show the name of the bidder and a statement as to its contents.

The bid must be signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the bid. No bid will be accepted, for any reason whatsoever, which is not submitted to the City as stated above, within the specified time.

INSURANCE - Contractor shall provide and shall require all of its sub-contractors to provide, pay for, and maintain in force at all times during the term of the Agreement, such insurance, including Property Insurance (Builder's Risk), Commercial General Liability Insurance, Business Automobile Liability Insurance, Workers' Compensation Insurance, Employer's Liability Insurance, and Umbrella/Excess Liability, as stated below. Such policy or policies shall be issued by companies authorized to do business in the State of Florida and having agents upon whom service of process may be made in the State of Florida.

BID BOND - A certified check, cashier's check or bank officer's check made payable to the City of Fort Lauderdale, or a bid bond in favor of the City of Fort Lauderdale shall accompany each bid as evidence of the good faith and responsibility of the bidder. The amount of the check or bond shall be retained by the City as liquidated damages in the event the bidder whose bid is accepted refuses to or fails to enter into a contract for the execution of the work solicited in this Invitation to Bid.

The bid bond or check shall be a guarantee that the successful bidder will promptly execute a contract satisfactory to the City for the work solicited in this Invitation to Bid and furnish good and sufficient bonds.

Following the full execution of a contract for the work solicited in this Invitation to Bid and the successful bidder's provision of good and sufficient bonds, in the event bid security was provided by check, the amount of the bid security accompanying the successful bidder's bid will be refunded to the successful bidder, or in the event bid security was provided by a bond, the bond accompanying the successful bidder's bid will be returned to the successful bidder. In the event the successful bidder fails to enter into, execute, and deliver a contract and furnish the required bonds within ten (10) days after the City

provides notice to the successful bidder to deliver the executed contract and the required bonds, the bid bond shall immediately be payable to the City of Fort Lauderdale, or in the case of a check, the City shall retain the amount of the check, as liquidated damages. The City's retention of such amount shall not be construed as a penalty or forfeiture.

FILLING IN BIDS - All prices must be electronically submitted in the bid pages, and bids must fully cover all items for which prices are asked and no other. Where more than one person is interested, it is required that all persons interested or their legal representative make all verification and subscribe to the bid.

PRICES QUOTED: Deduct any discount offered and quote firm net unit prices. In the case of a discrepancy in computing the amount of the bid, the unit price quoted will govern. All prices quoted shall be F.O.B. destination, freight prepaid (Bidder pays and bears freight charges, Bidder owns goods in transit and files any claims), unless otherwise stated in Special Conditions. Each item must be bid separately. No attempt shall be made to tie any item or items contained in the ITB with any other business with the City.

BIDS FIRM FOR ACCEPTANCE: Bidder warrants, by virtue of bidding, that his bid and the prices quoted in his bid will be firm for acceptance by the City for a period of one hundred and twenty (120) days from the date of bid opening unless otherwise stated in the ITB. The City shall award contract within this time period or shall request to the recommended awarded vendor an extension to hold pricing, until products/services have been awarded.

ADDITIONAL ITEMS OR SERVICES: The City may require additional items or services of a similar nature, but not specifically listed in the contract. The Contractor agrees to provide such items or services and shall provide the City prices on such additional items or services. If the price(s) offered are not acceptable to the City, and the situation cannot be resolved to the satisfaction of the City, the City reserves the right to procure those items or services from other vendors, or to cancel the contract upon giving the Contractor thirty (30) days written notice.

DELETION OR MODIFICATION OF SERVICES: The City reserves the right to delete any portion of the Contract at any time without cause, and if such right is exercised by the City, the total fee shall be reduced in the same ratio as the estimated cost of the work deleted bears to the estimated cost of the work originally planned. If work has already been accomplished on the portion of the Contract to be deleted, the Contractor shall be paid for the deleted portion on the basis of the estimated percentage of completion of such portion.

If the Contractor and the City agree on modifications or revisions to the task elements, after the City has approved work to begin on a particular task or project, and a budget has been established for that task or project, the Contractor will submit a revised cost to the City for approval prior to proceeding with the work.

TERMINATION FOR UNAPPROPRIATED FUNDS: The obligation of the City for payment to a Contractor is limited to the availability of funds appropriated in a current fiscal period, and continuation of the contract into a subsequent fiscal period is subject to appropriation of funds, unless otherwise authorized by law.

CAUSES FOR REJECTION - No bid will be canvassed, considered or accepted which, in the opinion of the City is informal or unbalanced, or contains inadequate or unreasonable prices for any items. Each item must carry its own proportion of the cost as nearly as is practicable. Any alteration, erasure, interlineation, or failure to specify bids for all items called for in the schedule shall render the bid informal.

REJECTION OF BIDS - The City reserves the right to reject any bid if the evidence submitted by the bidder, or if the investigation of such bidder, fails to satisfy the City that such bidder is properly qualified to carry out the obligations and to complete the work contemplated. Any or all bids will be rejected, if there is reason to believe that collusion exists among bidders. A bid will be considered irregular and may be rejected, if it shows serious omissions, alterations in form, additions not called for, conditions or unauthorized alternates, or irregularities of any kind. The City reserves the right to reject any or all bids and to waive such technical errors as may be deemed best for the interests of the City.

BID PROTEST PROCEDURE: Any bidder who is not recommended for award of a contract and who alleges a failure by the City to follow the City's procurement ordinance or any applicable law may protest to the Procurement Division – Deputy Director of Finance, by delivering a letter of protest within five (5) days after a Notice of Intent to award is posted on the City's website at the following link: <https://www.fortlauderdale.gov/government/departments-a-h/finance/procurement-services/notices-of-intent-to-award>.

The complete protest ordinance may be found on the City's website at the following link: https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_DIV2PR_S2-182DIREPRAWINAW

WITHDRAWALS - Any bidder may, without prejudice to himself, withdraw its bid at any time prior to the expiration of the time during which bids may be submitted. Such request for withdrawal must be in writing and signed in the same manner and by the same person who signed the bid. After expiration of the period for receiving bids, no bids can be withdrawn, modified, or explained.

CONTRACT - The bidder to whom award is made shall execute a written contract to do the work and maintain the same in good repair until final acceptance by the proper authorities and shall furnish good and sufficient bonds as specified within ten (10) days after receiving such contract for execution. If the bidder to whom the first award is made fails to enter into a contract as provided, the award may be annulled and the contract let to the next lowest bidder who is responsive and responsible, and that bidder shall fulfill every stipulation and obligation as if such bidder were the original party to whom award was made.

The contract shall provide that the Contractor agrees to correct any defective or faulty work or material, which may appear within one (1) year after completion of the work and receipt of final payment.

ENFORCEMENT OF SPECIFICATIONS - Copies of the specifications will be placed in the hands of all the assistants to the Engineer and Inspectors employed on the Work, who shall enforce each and every requirement of the contract. Such assistants shall have no authority to vary from such requirements.

DRAWING PLANS - Drawing plans may be obtained **free of charge** from the City's on-line strategic sourcing platform.

SURETY BOND – The Contractor shall execute and record in the public records of Broward County, Florida, a payment and performance bond in an amount at least equal to the Contract Price with a surety insurer authorized to do business in the State of Florida as surety, ("Bond"), in accordance with Section 255.05, Florida Statutes (2022), as may be amended or revised, as security for the faithful performance and payment of all of the Contractor's obligations under the Contract Documents.

The successful bidder shall furnish a performance and payment bond in compliance with Section 255.05, Florida Statutes (2022), written by a Corporate Surety company, holding a Certificate of Authority from the Secretary of the Treasury of the United States as acceptable sureties on federal bonds, in an amount equal to the total amount payable by the terms of the contract, executed and issued by a Resident Agent licensed by and having an office in the State of Florida, representing such Corporate Surety, conditioned for the due and faithful performance of the work, and providing in addition to all other conditions, that if the Contractor, or his or its subcontractors, fail to duly pay for any labor, materials, or other supplies used or consumed by such Contractor, or his or its subcontractor or subcontractors, in performance of the work contracted to be done, the Surety will pay the same in the amount not exceeding the sum provided in such bonds, together with interest at the rate of fifteen percent (15%) per annum, and that they shall indemnify and hold harmless the City of Fort Lauderdale to the extent of any and all payments in connection with carrying out of the contract, which the City may be required to make under the law. The Contractor is required at all times to have a valid surety bond in force covering the work being performed. A failure to have such bond in force at any time shall constitute a default on the part of the Contractor. A bond written by a surety, which becomes disqualified to do business in the State of Florida, shall automatically constitute a failure on the part of the Contractor to meet the above requirements.

Such bond shall continue in effect for one (1) year after completion and acceptance of the work with liability equal to at least twenty-five percent (25%) of contract price, or an additional bond shall be conditioned that the Contractor will correct any defective or faulty work or material which appear within one (1) year after completion of the contract, upon notification by the City, except in contracts which are concerned solely with demolition work, in which cases twenty-five percent (25%) liability will not be applicable.

AUDIT OF CONTRACTOR'S RECORDS - Upon execution of the Contract, the City reserves the right to conduct any necessary audit of the Contractor's records. Such an audit, or audits, may be conducted by the City or its representatives at any time prior to final payment, or thereafter, for a period up to three (3) years. The City may also require submittal of the records from either the Contractor, the Subcontractor, or both. For the purpose of this Section, records shall include all books of account, supporting documents and papers deemed necessary by the City to assure compliance with the contract provisions.

Failure of the Contractor or Subcontractor to comply with these requirements may result in disqualification or suspension from bidding for future contracts or disapproval as a Subcontractor at the option of the City.

The Contractor shall assure that each of its Subcontractors will provide access to its records pertaining to the project upon request by the City.

PERIODIC ESTIMATE FOR PARTIAL PAYMENT - After the Contractor has submitted a periodic estimate for partial payment, approved and certified by the Public Works Department, the City shall make payment in the manner provided in the Contract Documents and in accordance with Florida's Prompt Payment Act, Section 218, Florida Statutes (2022).

RESERVATION FOR AWARD AND REJECTION OF BIDS - The City reserves the right to accept or reject any or all bids, part of bids, and to waive minor irregularities or variations to specifications contained in bids, and minor irregularities in the bidding process. The City also reserves the right to award the contract on a split order basis, lump sum basis, individual item basis, or such combination as shall best serve the interest of the City. The City reserves the right to make an award to the responsive and responsible bidder whose product or service meets the terms, conditions, and specifications of the ITB and whose bid is considered to best serve the City's interest. In determining the responsiveness of the offer and the responsibility of the Bidder, the following shall be considered when applicable: the ability, capacity and skill of the Bidder to perform as required; whether the Bidder can perform promptly, or within the time specified, without delay or interference; the character, integrity, reputation, judgment, experience and efficiency of the Bidder; the quality of past performance by the Bidder; the previous and existing compliance by the Bidder with related laws and ordinances; the sufficiency of the Bidder's financial resources; the availability, quality and adaptability of the Bidder's supplies or services to the required use; the ability of the Bidder to provide future maintenance, service or parts; the number and scope of conditions attached to the bid.

LOCAL BUSINESS PREFERENCE - Section 2-186, Code of Ordinances of the City of Fort Lauderdale, provides for a local business preference. In order to be considered for a local business preference, a proposer must include the Local Business Preference Certification Statement of this ITB, as applicable to the local business preference class claimed at the time of Bid submittal. Upon formal request of the City, based on the

application of a Local Business Preference, the Proposer shall, within ten (10) calendar days, submit the following documentation to the Local Business Preference Class claimed:

- a. Copy of City of Fort Lauderdale current year business tax receipt, or Broward County current year business tax receipt, and
- b. List of the names of all employees of the proposer and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the Proposer being found ineligible for the local business preference.

Definitions:

- a. The term "Class A business" shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.
- b. The term "Class B business" shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, or shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.
- c. The term "Class C business" shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of Broward County.
- c. The term "Class D business" shall mean any business that does not qualify as a Class A, Class B, or Class C business.

The complete local business preference ordinance may be found on the City's web site at the following link:

https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COO_R_CH2AD_ARTVFI_DIV2PR_S2-186LOBUPR

DISADVANTAGED BUSINESS ENTERPRISE PREFERENCE - Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business preference. In order to be considered for a disadvantaged business preference, a

proposer must include a certification from a government agency, as applicable to the disadvantaged business preference class claimed at the time of Bid submittal:

Upon formal request of the City, based on the application of a Disadvantaged Business Preference the Proposer shall within ten (10) calendar days submit the following documentation to the Disadvantaged Business Enterprise Preference Class claimed:

- a. Copy of City of Fort Lauderdale current year business tax receipt, or the Tri-County (Broward, Dade, West Palm Beach) current year business tax receipt, or proof of active Sunbiz status and b. List of the names of all employees of the proposer and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or the Tri-County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the Proposer being found ineligible for the Disadvantaged Business Enterprise Preference business preference.

The complete Disadvantaged Business Preference ordinance may be found on the City's website at the following link:
<https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883>

DEBARRED OR SUSPENDED BIDDERS OR PROPOSERS - The bidder or proposer certifies, by submission of a response to this solicitation, that neither it nor its principals and subcontractors are presently debarred or suspended by any Federal department or agency.

LOBBYING ACTIVITIES - **ALL CONTRACTORS PLEASE NOTE:** Any contractor submitting a response to this solicitation must comply, if applicable, with City of Fort Lauderdale Ordinance No. C-11-42 & Resolution No. 07-101, Lobbying Activities. Copies of Ordinance No., C-11-42, and Resolution No. 07-101, may be obtained from the City Clerk's Office on the 7th Floor of City Hall, 100 N. Andrews Avenue, Fort Lauderdale, Florida 33301. The Ordinance may also be viewed on the City's website at <https://www.fortlauderdale.gov/home/showdocument?id=6036>.

GENERAL CONDITIONS

Unless otherwise modified in the Project's Special Conditions, the following General Conditions shall be part of the Contract:

GC - 01 - DEFINITIONS - The following words and expressions, or pronouns used in their stead, shall wherever they appear in the Contract and the Contract Documents, be construed as follows:

"Addendum" or "Addenda" - shall mean the additional Contract provisions issued in writing, by the Engineer, prior to the receipt of bids.

"Bid" – shall mean the offer or bid of the Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.

"Bidder" – shall mean any person, firm, company, corporation or entity submitting a bid for the Work.

"Bonds" –shall mean bid, performance and payment bonds and other instruments of security, furnished by Contractor and his surety in accordance with the Contract Documents.

"City" – shall mean the City of Fort Lauderdale, Florida, a Florida municipal corporation. In the event the City exercises its regulatory authority as a government body, the exercise of such regulatory authority and the enforcement of any rules, regulations, codes, laws and ordinances shall be deemed to have occurred pursuant to City's authority as a governmental body and shall not be attributable in any manner to the City as a party to this Contract.

"Consultant" – shall mean a person, firm, company, corporation or other entity employed by the City to perform the professional services for the project.

"Contractor" – shall mean the successful Bidder who has been employed by the City to perform the construction and related services for the project.

"Contract Work" - shall mean everything expressed or implied to be required to be furnished and furnished by the Contractor by any one or more of the parts of the Contract Documents referred to in the Contract hereof. In the case of any inconsistency in or between any parts of this Contract, the Project Manager shall determine which shall prevail.

"Design Documents" – shall mean the construction plans and specifications included as part of a Bid Solicitation prepared either by the City or by the Consultant under a separate Agreement with the City.

GENERAL CONDITIONS (continued)

"Engineer" - shall include the terms "professional engineer" and "licensed engineer" and means a person who is licensed to engage in the practice of engineering under Florida Statute, Chapter 471. An Engineer may be a City employee or a consultant hired by the City.

"Extra Work" - shall mean work other than that required by the Contract.

"Inspector" – shall mean an authorized representative of the City assigned to make necessary inspections of materials furnished by Contractor and of the Work performed by Contractor.

"Notice" - shall mean written notice sent by certified United States mail, return receipt requested, or sent by commercial express carrier with acknowledgement of delivery, or via fax or email, or by hand delivery with a request for a written receipt of acknowledgment of delivery and shall be served upon the Contractor either personally or to its place of business listed in the Bid.

"Owner" - shall mean the City of Fort Lauderdale.

"Project Manager" - shall mean a professional designated by the City to manage the Project under the supervision and direction of the Public Works Director or designee.

"Public Works Director" – shall mean the Public Works Director of the City of Fort Lauderdale.

"Site" - shall mean the area upon or in which the Contractor's operations are carried out and such other areas adjacent thereto as may be designated as such by the Project Manager.

"Sub-contractor" - shall mean any person, firm, company, corporation or other entity, other than employees of the Contractor, who or which contracts with the contractor, to furnish, or actually furnishes labor and materials, or labor and equipment, or labor, materials and equipment at the site.

"Surety" - shall mean any corporation or entity that executes, as Surety, the Contractor's performance and payment bond securing the performance of this Contract.

GC - 02 - SITE INVESTIGATION AND REPRESENTATION - The Contractor acknowledges that it has satisfied itself as to the nature and location of the Work under the Contract Documents, the general and local conditions of the Site, particularly those bearing upon availability of transportation, disposal, handling and storage of materials, availability of labor, water, electric power, and roads, field conditions, the type of equipment and facilities needed preliminary to and during the prosecution of the Work and all other matters which can in any way affect the Work or the cost thereof under the Contract Documents.

The Contractor acknowledges that it has conducted extensive tests, examinations and investigations and represents and warrants a thorough familiarization with the nature and extent of the Contract Documents, the Work, locality, soil conditions, moisture conditions and all year-round local weather and climate conditions (past and present), and, in reliance on such tests, examination and investigations conducted by Contractor and the Contractor's experts, has determined that no conditions exist that would in any manner affect the Bid Price and that the project can be completed for the Bid Price submitted.

Any failure by the Contractor to acquaint itself with all the Site conditions shall not relieve Contractor from responsibility for properly estimating the difficulty or cost thereof under the Contract Documents.

GC - 03 - SUBSTITUTIONS - If the Contractor desires to use materials and/or products of manufacturer's names different from those specified in the Contract Documents, the Bidder requesting the substitution shall make written application as described herein. The burden of proving the equality of the proposed substitution rests on the Contractor making the request. To be acceptable, the proposed substitution shall meet or exceed all expressed requirements of the Contract Documents and shall be submitted upon the Contractor's letterhead. The following requirements shall be met in order for the substitution to be considered:

1. Requests for substitution shall be accompanied by such technical data, as the party making the request desires to submit. The Project Manager will consider reports from reputable independent testing laboratories, verified experience records from previous users and other written information valid in the circumstances; and
2. Requests for substitution shall completely and clearly indicate in what respects the materials and/or products differ from those indicated in the Contract Documents; and
3. Requests for substitution shall be accompanied by the manufacturer's printed recommendations clearly describing the installation, use and care, as applicable, of the proposed substitutions; and
4. Requests for substitution shall be accompanied by a complete schedule of changes in the Contract Documents, if any, which must be made to permit the use of the proposed substitution.

If a proposed substitution is approved by the Project Manager, an addendum will be issued to prospective bidders not less than three (3) working days prior to the date set for opening of bids. Unless substitutions are received and approved as described above, the successful Bidder shall be responsible for furnishing materials and products in strict accordance with the Contract Documents.

GC- 04 – CONSTRUCTION RESOURCES – Contractor shall provide all labor and equipment necessary to complete the installation within a timely manner. Contractor shall provide details as to manpower and equipment to be dedicated to the project in its Work Plan. Contractor is responsible for making arrangements, obtaining and purchasing construction water services if required to complete the work.

GC - 05 - CONTROL OF THE WORK - The Project Manager shall have full control and direction of the Work in all respects. The Project Manager and/or his authorized designee(s) shall, at all times, have the right to inspect the Work and materials. The Contractor shall furnish all reasonable facilities for obtaining such information, as the Project Manager may desire respecting the quality of the Work and materials and the manner of conducting the Work. Should the Contractor be permitted to perform night Work, or to vary the period which work is ordinarily carried on in the daytime, he shall give ample notice to the Project Manager so that proper and adequate inspection may be provided. Such Work shall be done only under such regulations as are furnished in writing by the Project Manager, and no extra compensation shall be allowed to the Contractor therefore. In the event of night work, the Contractor shall furnish such light, satisfactory to the Project Manager, as will ensure proper inspection. Nothing herein contained shall relieve the Contractor from compliance with any and all City ordinances relating to noise or Work during prohibited hours.

GC - 06 - SUB-CONTRACTOR - The Contractor shall not sublet, in whole or any part of the Work without the written consent and approval of the Project Manager. Within ten (10) days after official notification of starting date, the Contractor must submit in writing, to the Project Manager, a list of all Sub-contractors. No Work shall be done by any sub-contractor until such Sub-contractor has been officially approved by the Project Manager. A sub-contractor not appearing on the original list will not be approved without written request submitted to the Project Manager and approved by the Public Works Director. In all cases, the Contractor shall give his personal attention to the Work of the Sub-contractors and the Sub-contractor is liable to be discharged by the Contractor, at the direction of the Project Manager, for neglect of duty, incompetence or misconduct.

Acceptance of any sub-contractor, other person, or organization by the Project Manager shall not constitute a waiver of any right of Project Manager to reject defective Work or Work not in conformance with the Contract Documents.

Contractor shall be fully responsible for all acts and omissions of its Sub-contractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts any of them may be liable to the same extent that he is responsible for the acts and omissions of persons directly employed by him. Nothing in the Contract Documents shall create any contractual relationship between City and any sub-contractor or other person or organization having a direct contract with Contractor, nor shall it create any obligation on the part of City to pay or to see to the payment of any moneys due to any sub-contractor or other person, or organization, except as may otherwise be required by law.

GC - 07 - QUANTITIES - Contractor recognizes and agrees that the quantities shown on plans and Bid/Price Schedule are estimates only and may vary during actual construction. No change shall be made involving any departure from the general scheme of the Work and that no such change involving a material change in cost, either to the City or Contractor, shall be made, except upon written permission of the City. However, the Project Manager shall have the right to make minor alternations in the line, grade, plan, form or materials of the Work herein contemplated any time before the completion of the same. That if such alterations shall diminish the quantity of the Work to be done, such alterations shall not constitute a claim for damages or anticipated profits. That if such alterations increase the amount of the Work to be done, such increase shall be paid for according to the quantity actually performed and at the unit price or prices stipulated therefore in the Contract. The City shall, in all cases of dispute, determine the amount or quantity of the several kinds of Work which are to be paid for under this Contract, and shall decide all questions relative to the execution of the same, and such estimates and decisions shall be final and binding.

Any Work not herein specified, which might be fairly implied as included in the Contract, of which the City shall judge, shall be done by the Contractor without extra charge. However, such cost increases shall be authorized either by the Public Works Director or designee, or the City Commission based upon the purchasing threshold amounts provided for in Chapter 2 of the City of Fort Lauderdale's Code of Ordinances.

GC - 08 - NO ORAL CHANGES - Except to the extent expressly set forth in the Contract, no change in, or modification, termination or discharge of the Contract in any form whatsoever, shall be valid or enforceable unless it is in writing and signed by the parties charged, therewith or their duly authorized representative.

GC - 09 - PERMITS AND PROTECTION OF PUBLIC – Permits on file with the City and/or those permits to be obtained by the Contractor, shall be considered directive in nature, and will be considered a part of this Contract. A copy of all permits shall be given to the City and become part of the Contract Documents. Terms of permits shall be met prior to acceptance of the Work and release of the final payment.

Contractor shall secure all permits and licenses required for completing the Project. Contractor will obtain the necessary State, County, and City construction/work permits if required.

The Contractor shall comply with all applicable Codes, Standards, Specifications, etc. related to all aspects of the Project.

Where there are telephones, light or power poles, water mains, conduits, pipes or drains or other construction, either public or private, in or on the streets or alleys, the Work shall be so conducted that no interruption or delay will be caused in the operation or use of the same. Proper written notice shall be given to all affected parties prior to

proceeding with the Work. The Contractor shall not be permitted to interfere with public travel and convenience by grading or tearing up streets indiscriminately, but the Work of constructing the various items in this contract shall proceed in an orderly, systematic and progressive manner.

GC - 10 - DISEASE REGULATIONS - The Contractor shall enforce all sanitary regulations and take all precautions against infectious diseases as the Project Manager may deem necessary. Should any infectious or contagious diseases occur among his employees, he shall arrange for the immediate removal of the employee from the Site and isolation of all persons connected with the Work.

GC - 11 - CONTRACTOR TO CHECK PLANS, SPECIFICATIONS, AND DATA - The Contractor shall verify all dimensions, quantities, and details shown on the plans, supplementary drawings, schedules, and shall notify the Project Manager of all errors, omissions, conflicts and discrepancies found therein within three (3) working days of discovery. Failure to discover or correct errors, conflictions, or discrepancies shall not relieve the Contractor of full responsibility for unsatisfactory Work, faulty construction, or improper operation resulting therefrom nor from rectifying such condition at its own expense.

GC - 12 - MATERIALS AND WORKMANSHIP - All material shall be new and the workmanship shall, in every respect, be in conformity with approved modern practice and with prevailing standards of performance and quality. In the event of a dispute, the Project Manager's decision shall be final. Wherever the Plans, Specifications, Contract Documents, or the directions of the Project Manager are unclear as to what is permissible and/or fail to note the quality of any Work, that interpretation will be made by the Project Manager, which is in accordance with approved modern practice, to meet the particular requirements of the Contract.

GC - 13 - SAFEGUARDING MARKS - The Contractor shall safeguard all points, stakes, grade marks, monuments, and benchmarks made or established on the Work, bear the cost of re-establishing same if disturbed, or bear the entire expense of rectifying Work improperly installed due to not maintaining or protecting or for removing without authorization, such established points, stakes and marks. The Contractor shall safeguard all existing and known property corners, monuments and marks not related to the Work and, if required, shall bear the cost of having them re-established by a licensed Professional surveyor registered in the State of Florida if disturbed or destroyed during the course of construction.

GC - 14 - RESTROOM FACILITIES - Contractor shall provide portable toilet facilities for employee's use at a location within the Work site to be determined by the City.

GC - 15 - PROGRESS MEETINGS - Weekly Status meetings will be conducted with representatives from the City and the Contractor. Contractor shall budget time to participate in such meetings. A well-run Project should result in short meetings.

GC - 16 - ISSUE RESOLUTION - Should Contractor become engaged in a dispute with a resident or a City employee, the Contractor shall report the situation to the Project Manager immediately. It shall be mandatory that the City participate in any dispute resolution. Failure of Contractor personnel to notify the City shall obligate Contractor to replace the offending employee immediately if requested by the City.

GC - 17 - CITY SECURITY-CONTRACTOR AND SUBCONTRACTOR EMPLOYEE INFORMATION - Prior to commencing work, Contractor shall provide to the City a list of all personnel and sub-contractors on site. The list will include the name, address, birth date and driver's license number for all personnel. All personnel and subcontractors on site will have on their person a company photo ID during all stages of the construction. Contractor shall provide standard required personal information per current City procedures.

GC - 18 - POST-CONSTRUCTION SURVEY - The Contractor shall provide as-built survey, sealed and signed by a registered surveyor in the State of Florida, as a condition of final payment.

GC - 19 - KEY PERSONNEL - Contractor shall provide as part of the Work Plan, resumes for all key project personnel providing supervision and project management functions. Resumes shall include work history and years of experience performing this type of work.

GC - 20 - EXISTING UTILITY SERVICE - All existing utility service shall be maintained with a minimum of interruption at the expense of the Contractor.

GC - 21 - JOB DESCRIPTION SIGNS – Contractor, at Contractor's expense, shall furnish, erect, and maintain suitable weatherproof signs on jobs over \$100,000 containing the following information:

1. City Seal (in colors)
2. Project or Improvement Number
3. Job Description
4. Estimated Cost
5. Completion Date

Minimum size of sign shall be four feet high, eight feet wide and shall be suitably anchored. The entire sign shall be painted and present a pleasing appearance. Exact location of signs will be determined in the field. Two (2) signs will be required, one at each end of the job. All costs of this work shall be included in other parts of the work.

GC - 22 - FLORIDA EAST COAST RIGHT-OF-WAY - Whenever a City contractor is constructing within the Florida East Coast Railway Company's Right-of-Way, it will be mandatory that the contractor carry bodily injury and property damage insurance in amounts satisfactory to the Florida East Coast Company. This insurance requirement

GENERAL CONDITIONS (continued)

shall be verified by the contractor with the Florida East Coast Company prior to commencing work, and maintained during the life of the Contract.

GC - 23 - ACCIDENTS - The Contractor shall provide such equipment and facilities as are necessary and/or required, in the case of accidents, for first aid services to be provided to a person who may be injured during the project duration. The Contractor shall also comply with the OSHA requirements as defined in the United States Labor Code 29 CFR 1926.50.

In addition, the Contractor must report immediately to the Project Manager every accident to persons or damage to property, and shall furnish in writing full information, including testimony of witnesses regarding any and all accidents.

GC - 24 - SAFETY PRECAUTIONS - Contractor must adhere to the applicable environmental protection guidelines for the duration of a project. If hazardous waste materials are used, detected or generated at any time, the Project Manager must be immediately notified of each and every occurrence. The Contractor shall comply with all codes, ordinances, rules, orders and other legal requirements of public authorities (including OSHA, EPA, DERM, the City, Broward County, State of Florida, and Florida Building Code), which bear on the performance of the Work. The Contractor shall take the responsibility to ensure that all Work is performed using adequate safeguards, including but not limited to: proper safe rigging, safety nets, fencing, scaffolding, barricades, chain link fencing, railings, barricades, steel plates, safety lights, and ladders that are necessary for the protection of its employees, as well as the public and City employees. All riggings and scaffolding shall be constructed with good sound materials, of adequate dimensions for their intended use, and substantially braced, tied or secured to ensure absolute safety for those required to use it, as well as those in the vicinity. All riggings, scaffolding, platforms, equipment guards, trenching, shoring, ladders and similar actions or equipment shall be OSHA approved, as applicable, and in accordance with all Federal, State and local regulations.

GC - 25 - DUST PREVENTION - The Contractor shall, by means of a water spray, or temporary asphalt pavement, take all necessary precautions to prevent or abate a dust nuisance arising from dry weather or Work in an incomplete stage. All costs of this Work shall be included in the cost of other parts of the Work.

Should the Contractor fail to abate a dust nuisance the Project Manager may stop the Work until the issue is resolved to the City's satisfaction.

GC - 26 - SITE CLEANUP AND RESTORATION – The Contractor shall remove all debris and unused or discarded materials from the work site daily. Contractor shall clean the work site to remove all directional drilling "Driller's Mud" materials. No "Driller's Mud" residue shall be allowed to remain in the soil or on the surface of the land or vegetation. All debris and drilling materials must be disposed of offsite at an approved location.

The Contractor shall promptly restore all areas disturbed that are outside the Project limits in equal or better condition at no additional cost to the City.

GC - 27 - COURTEOUS BEHAVIOR AND RESPECT FOR RESIDENTS AND PROPERTY – The Contractor and its employees, associates and sub-contractors shall maintain courteous behavior at all times and not engage in yelling, loud music, or other such activities. Contractor's employees shall not leave trash or other discarded items at the Work Site, especially on any private property. In the event complaints arise, Contractor shall immediately remove such offending employees from the project if requested to do so by the Project Manager. Contractor's employees shall not trespass on any private property unless necessary to complete the work but with prior permission from the owner.

Contractor shall notify and obtain permission from the residents 24 hours in advance when planning to work within the resident's property. In addition, Contractor shall notify the resident prior to entering their property to perform work or inspect/investigate the work site. Contractor shall not block residents' driveways unnecessarily. Contractor shall not park equipment on landscaped areas when the vehicle is not needed for the current construction activities. Contractor shall be responsible for repair and/or replacement of all damaged landscaping within 48 hours including repairing vehicle wheel impressions, irrigation systems, lighting systems, structures, or any other items of resident's property. Contractor shall not destroy, damage, remove, or otherwise negatively impact any landscaping within or outside the right-of-way without prior approval from the Project Manager.

GC - 28 - PLACING BARRICADES AND WARNING LIGHTS - The Contractor shall furnish and place, at Contractor's own expense, all barricades, warning lights, automatic blinker lights and such devices necessary to properly protect the work and vehicular and pedestrian traffic. Should the Contractor fail to erect or maintain such barricades, warning lights, etc., the Project Manager may, after 24 hours' notice to the Contractor, proceed to have such barricades and warning lights placed and maintained by City or other forces and all costs incurred thereof charged to the Contractor and may be retained by the City from any monies due, or to become due, to the Contractor.

GC - 29 - TRAFFIC CONTROL - The Contractor shall coordinate all Work and obtain, through the City's Transportation and Mobility Department, Broward County, Florida Department of Transportation, as applicable, any permits required to detour traffic or close any street before starting to work in the road.

All traffic control devices, flashing lights, signs and barricades shall be maintained in working condition at all times and conform to Manual of Uniform Traffic Control Devices (MUTCD), latest edition.

GC - 30 - COORDINATION - The Contractor shall notify all utilities, transportation department, etc., in writing, with a copy to the Project Manager before construction is started and shall coordinate its Work with them. The Contractor shall cooperate with the owners of any underground or overhead utility lines in their removal, construction

and rearrangement operations in order that services rendered by these parties will not be unnecessarily interrupted.

The Contractor shall arrange its Work and dispose of its materials so as to not interfere with the operation of other contractors engaged upon adjacent work, and to join its Work to that of others in a proper manner, and to perform its Work in the proper sequence in relation to that of other contractors as may be directed by the Project Manager.

Each Contractor shall be responsible for any damage done by it or its agents to the work performed by another contractor.

GC - 31 - WATER - Bulk water used for construction, flushing pipelines, and testing shall be obtained from fire hydrants. Contractor shall make payment for hydrant meter at Treasury Billing Office, 1st Floor, City Hall, 100 N. Andrews Avenue. With the paid receipt, contractor can pick up hydrant meter at the utility location office. No connection shall be made to a fire hydrant without a meter connected.

GC - 32 - PROHIBITION AGAINST CONTRACTING WITH SCRUTINIZED COMPANIES

- Subject to *Odebrecht Construction, Inc., v. Prasad*, 876 F.Supp.2d 1305 (S.D. Fla. 2012), *affirmed*, *Odebrecht Construction, Inc., v. Secretary, Florida Department of Transportation*, 715 F.3d 1268 (11th Cir. 2013), with regard to the "Cuba Amendment," the Contractor certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, and that it does not have business operations in Cuba or Syria, as provided in Section 287.135, Florida Statutes (2022), as may be amended or revised. The Contractor certifies that it is not on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2022), as may be amended or revised, and that it is not engaged in a boycott of Israel. The City may terminate this Agreement at the City's option if the Contractor is found to have submitted a false certification as provided under subsection (5) of Section 287.135, Florida Statutes (2022), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2022), as may be amended or revised, or is engaged in a boycott of Israel or has been engaged in business operations in Cuba or Syria, as defined in Section 287.135, Florida Statutes (2022), as may be amended or revised.

By submitting a bid or response, the company, principals, or owners certify that it is not listed on the Scrutinized Companies with Activities in Sudan List or listed on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.

GC - 33 - USE OF FLORIDA LUMBER TIMBER AND OTHER FOREST PRODUCTS

- In accordance with Florida Statute 255.20 (3), the City specifies that lumber, timber, and other forest products used for this Project shall be produced and manufactured in

the State of Florida if such products are available and their price, fitness, and quality are equal. This requirement does not apply to plywood specified for monolithic concrete forms, if the structural or service requirements for timber for a particular job cannot be supplied by native species, or if the construction is financed in whole or in part from federal funds with the requirement that there be no restrictions as to species or place of manufacture.

The Bidder affirms by submitting a bid response to this solicitation that they will comply with section 255.20 (3) Florida Statutes.

GC - 34 - PUBLIC RECORDS/TRADE SECRETS/COPYRIGHT: The Proposer's response to the Solicitation is a public record pursuant to Florida law, which is subject to disclosure by the City under the State of Florida Public Records Law, Florida Statutes Chapter 119.07 ("Public Records Law"). The City shall permit public access to all documents, papers, letters or other material submitted in connection with this Solicitation and the Contract to be executed for this Solicitation, subject to the provisions of Chapter 119.07 of the Florida Statutes.

Any language contained in the Bidder's response to the Solicitation purporting to require confidentiality of any portion of the Bidder's response to the Solicitation, except to the extent that certain information is in the City's opinion a Trade Secret pursuant to Florida law, shall be void. If a Bidder submits any documents or other information to the City which the Bidder claims is Trade Secret information and exempt from Florida Statutes Chapter 119.07 ("Public Records Laws"), the Bidder shall clearly designate that it is a Trade Secret and that it is asserting that the document or information is exempt. The Bidder must specifically identify the exemption being claimed under Florida Statutes 119.07. The City shall be the final arbiter of whether any information contained in the Bidder's response to the Solicitation constitutes a Trade Secret. The City's determination of whether an exemption applies shall be final, and the bidder agrees to defend, indemnify, and hold harmless the City and the City's officers, employees, and agent, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as public records. In addition, the bidder agrees to defend, indemnify, and hold harmless the City and the City's officers, employees, and agents, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as exempt from disclosure or confidential. Bids purporting to be subject to copyright protection in full or in part will be rejected. The bidder authorizes the City to publish, copy, and reproduce any and all documents submitted to the City bearing copyright symbols or otherwise purporting to be subject to copyright protection.

EXCEPT FOR CLEARLY MARKED PORTIONS THAT ARE BONA FIDE TRADE SECRETS PURSUANT TO FLORIDA LAW, DO NOT MARK YOUR RESPONSE TO THE SOLICITATION AS PROPRIETARY OR CONFIDENTIAL. DO NOT MARK YOUR RESPONSE TO THE SOLICITATION OR ANY PART THEREOF AS COPYRIGHTED.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES (2022), TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

Telephone Number: (954) 828-5002

Mailing Address: City Clerk's Office
100 N. Andrews Avenue
Fort Lauderdale, Florida 33301-1016

E-mail: prcontract@fortlauderdale.gov

Contractor shall:

1. Keep and maintain public records required by the City in order to perform the service.
2. Upon request from the City's custodian of public records, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes (2022), as may be amended or revised, 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 for the duration of the contract term and following completion of this Agreement if the Contractor does not transfer the records to the City.
4. Upon completion of the Agreement, transfer, at no cost, to the City all public records in possession of the Contractor or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City upon completion of this Agreement, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of this Agreement, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records, in a format that is compatible with the information technology systems of the City.

SPECIAL CONDITIONS

01. PURPOSE

The City of Fort Lauderdale, Florida (City) is seeking bids from qualified bidders, for construction services in accordance with the terms, conditions, and specifications contained in this Invitation To Bid (ITB).

02. TRANSACTION FEES

The City uses the City's online strategic sourcing platform INFOR (www.INFOR.com) to distribute and receive bids and proposals. There is no charge to vendors/contractors to register and participate in the solicitation process, nor will any fees be charged to the awarded contractor.

03. SUBMISSION OF BIDS

It is the sole responsibility of the Contractor to ensure that its bid is submitted electronically through the City's online strategic sourcing platform, www.INFOR.com, and that any bid security reaches the City of Fort Lauderdale, Procurement Services Division, 6th floor, Suite 619, 100 N. Andrews Avenue, Fort Lauderdale, Florida 33301-1016, in a sealed envelope marked on the outside with the ITB solicitation number and Contractor's name, no later than the time and date specified in this solicitation. **PAPER BID SUBMITTALS WILL NOT BE ACCEPTED. PLEASE SUBMIT YOUR BID RESPONSE ELECTRONICALLY.**

04. INFORMATION OR CLARIFICATION

For information concerning procedures for responding to this solicitation, contact **Michelle Lemire, Procurement Administrator**, at (954) 828-6176 or email at mlemire@fortlauderdale.gov. Such contact shall be for clarification purposes only.

For information concerning technical specifications please utilize the Question/Answer forum provided in the City's online strategic sourcing platform. Questions of a material nature must be received prior to the cut-off date specified in the solicitation. Material changes, if any, to the scope of services or bidding procedures will only be transmitted by written addendum. **Bidders please note:** No part of your bid can be submitted via FAX. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a bid will be considered evidence that the bidder has familiarized himself with the nature and extent of the work, and the equipment, materials, and labor required. The entire bid response must be submitted in accordance with all specifications contained in this solicitation. The questions and answers submitted in the City's online strategic sourcing platform shall become part of any contract that is created from this ITB.

05. CONTRACT TIME

5.1 The Contractor recognizes that TIME IS OF THE ESSENCE. The Work shall commence within **14** calendar days of the date of the Notice to Proceed.

5.2 The Work shall be Substantially Completed within **150** calendar days after the date when the Contract Time commences to run as provided in the Notice to Proceed.

5.3 The Work shall be finally completed on the Final Completion Date and ready for final payment in accordance with this Agreement within **30** calendar days after the Substantial Completion date.

06. BID SECURITY

A certified check, cashier's check, bank officer's check or bid bond for **FIVE (5%)** of the bid amount, made payable to the City of Fort Lauderdale, shall accompany each offer.

07. REQUIRED LICENSES/CERTIFICATIONS

Contractor must possess the following licenses/certifications to be considered for award:

STATE OF FLORIDA BUILDING CONTRACTOR
OR
STATE OF FLORIDA GENERAL CONTRACTOR

Note: Contractor must have proper licensing and shall submit evidence of same with its bid response.

08. SPECIFIC EXPERIENCE REQUIRED

The following expertise is required to be considered for this Contract. Specific references attesting to this expertise must be submitted with the bid response.

The contractor shall have previous construction experience in constructing additions/modifications/renovations to existing buildings, in the State of Florida within the last five (5) years. Bidder shall submit proof of construction experience for a minimum of three (3) projects of similar scope and scale (or larger) and shall, for each project listed, identify location; dates of construction; project name and overall scope; scope of work that was self-performed by Contractor; and client's name, address, telephone number and e-mail address.

NOTE: REFERENCES SHALL NOT INCLUDE ONLY CITY OF FORT LAUDERDALE EMPLOYEES OR WORK PERFORMED FOR THE CITY. THE CITY IS ALSO INTERESTED IN WORK EXPERIENCE AND REFERENCES FROM ENTITIES OTHER THAN THE CITY OF FORT LAUDERDALE.

By signing this bid solicitation, contractor is affirming that this expertise will be provided for this Contract at no additional charge.

09. BID ALLOWANCE

Allowance for permits: Payments will be made to the contractor based on the actual cost of permits upon submission of paid permit receipts. The City shall not pay for other costs related to obtaining or securing permits.

The amount indicated is intended to be sufficient to cover the entire Project. If the City's permit fees exceed the allowance indicated, the City will reimburse the contractor the actual amount of the City's permit fees required for project completion.

Allowances	\$
Owner Contingency Allowance	\$25,000
TOTAL	\$25,000

10. INSURANCE REQUIREMENTS *(See Article 10, Bonds and Insurance, of the Contract for details)*

Insurance

As a condition precedent to the effectiveness of this Agreement, during the term of this Agreement and during any renewal or extension term of this Agreement, Contractor, at its sole expense, shall provide insurance of such types and with such terms and limits as noted below. Providing proof of and maintaining adequate insurance coverage are material obligations of Contractor. Contractor shall provide the City a certificate of insurance evidencing such coverage. Contractor's insurance coverage shall be primary insurance for all applicable policies, in respect to the City's interests. The limits of coverage under each policy maintained by Contractor shall not be interpreted as limiting Contractor's liability and obligations under this Agreement. All insurance policies shall be through insurers authorized or eligible to write policies in the State of Florida and possess an A.M. Best rating of A-, VII or better, subject to approval by the City's Risk Manager.

The coverages, limits, and/or endorsements required herein protect the interests of the City, and these coverages, limits, and/or endorsements shall in no way be relied upon by Contractor for assessing the extent or determining appropriate types and limits of coverage to protect Contractor against any loss exposures, whether as a result of this Agreement or otherwise. The requirements contained herein, as well as the City's review or acknowledgement, are not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by Contractor under this Agreement.

The following insurance policies and coverages are required:

Commercial General Liability

Coverage must be afforded under a Commercial General Liability policy with limits not less than:

- \$1,000,000 each occurrence and \$2,000,000 aggregate for Bodily Injury, Property Damage, and Personal and Advertising Injury
- \$1,000,000 each occurrence and \$2,000,000 aggregate for Products and Completed Operations

Policy must include coverage for contractual liability and independent contractors.

The City, a Florida municipality, its officials, employees, and volunteers are to be covered as an additional insured with a CG 20 26 04 13 Additional Insured – Designated Person or Organization Endorsement or similar endorsement providing equal or broader Additional Insured Coverage with respect to liability arising out of activities performed by or on behalf of Contractor. The coverage shall contain no special limitation on the scope of protection afforded to the City, its officials, employees, and volunteers.

Pollution and Remediation Legal Liability (Hazardous Materials)

For the purpose of this section, the term “hazardous materials” includes all materials and substances that are designated or defined as hazardous by Florida or federal law or by the rules or regulations of Florida or any federal agency. If work being performed involves hazardous materials, Contractor shall procure and maintain any or all of the following coverages (which will be specifically addressed upon review of exposure):

Contractors Pollution Liability Coverage

For sudden and gradual occurrences and in an amount not less than \$1,000,000 per claim arising out of this Agreement, including but not limited to, all hazardous materials identified under the Agreement.

Asbestos Liability Coverage

For sudden and gradual occurrences and in an amount not less than \$1,000,000 per claim arising out of work performed under this Agreement.

Business Automobile Liability

Coverage must be afforded for all Owned, Hired, Scheduled, and Non-Owned vehicles for Bodily Injury and Property Damage in an amount not less than \$1,000,000 combined single limit each accident.

If Contractor does not own vehicles, Contractor shall maintain coverage for Hired and Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Liability policy.

Workers' Compensation and Employer's Liability

Coverage must be afforded per Chapter 440, Florida Statutes. Any person or entity performing work for or on behalf of the City must provide Workers' Compensation insurance. Exceptions and exemptions will be allowed by the City's Risk Manager, if they are in accordance with Florida Statute.

Contractor waives, and Contractor shall ensure that Contractor's insurance carrier waives, all subrogation rights against the City, its officials, employees, and volunteers for all losses or damages. The City requires the policy to be endorsed with WC 00 03 13 Waiver of our Right to Recover from Others or equivalent.

Contractor must be in compliance with all applicable State and Federal workers' compensation laws, including the U.S. Longshore and Harbor Workers' Compensation Act and the Jones Act, if applicable.

Insurance Certificate Requirements

- a. Contractor shall provide the City with valid Certificates of Insurance (binders are unacceptable) no later than ten (10) days prior to the start of work contemplated in this Agreement.
- b. Contractor shall provide to the City a Certificate of Insurance having a thirty (30) day notice of cancellation; ten (10) days' notice if cancellation is for nonpayment of premium.
- c. In the event that the insurer is unable to accommodate the cancellation notice requirement, it shall be the responsibility of Contractor to provide the proper notice. Such notification will be in writing by registered mail, return receipt requested, and addressed to the certificate holder.
- d. In the event the Agreement term or any surviving obligation of Contractor following expiration or early termination of the Agreement goes beyond the expiration date of the insurance policy, Contractor shall provide the City with an updated Certificate of Insurance no later than ten (10) days prior to the expiration of the insurance currently in effect. The City reserves the right to suspend the Agreement until this requirement is met.
- e. The Certificate of Insurance shall indicate whether coverage is provided under a claims-made or occurrence form. If any coverage is provided on a claims-made form, the Certificate of Insurance must show a retroactive date, which shall be the effective date of the initial contract or prior.
- f. The City shall be covered as an Additional Insured on all liability policies, with the exception of Workers' Compensation.
- g. The City shall be granted a Waiver of Subrogation on Contractor's Workers' Compensation insurance policy.
- h. The title of the Agreement, Bid/Contract number, event dates, or other identifying reference must be listed on the Certificate of Insurance.

The Certificate Holder should read as follows:

City of Fort Lauderdale
100 N. Andrews Avenue
Fort Lauderdale, FL 33301

Contractor has the sole responsibility for all insurance premiums and shall be fully and solely responsible for any costs or expenses as a result of a coverage deductible, co-insurance penalty, or self-insured retention; including any loss not covered because of the application of such deductible, co-insurance penalty, self-insured retention, or coverage exclusion or limitation. Any costs for adding the City as an Additional Insured shall be at Contractor's expense.

If Contractor's primary insurance policy/policies do not meet the minimum requirements as set forth in this Agreement, Contractor may provide evidence of an Umbrella/Excess insurance policy to comply with this requirement.

Contractor's insurance coverage shall be primary insurance in respect to the City's interests, a Florida municipality, its officials, employees, and volunteers. Any insurance or self-insurance maintained by the City shall be non-contributory.

Any exclusion or provision in any insurance policy maintained by Contractor that excludes coverage required in this Agreement shall be deemed unacceptable and shall be considered breach of contract.

All required insurance policies must be maintained until the Agreement work has been accepted by the City, or until this Agreement is terminated, whichever is later. Any lapse in coverage may be considered breach of contract. In addition, Contractor must provide to the City confirmation of coverage renewal via an updated certificate of insurance should any policies expire prior to the expiration of this Agreement. The City reserves the right to review, at any time, coverage forms and limits of Contractor's insurance policies.

Contractor shall provide notice of any and all claims, accidents, and any other occurrences associated with this Agreement to Contractor's insurance company or companies and the City's Risk Management office as soon as practical.

It is Contractor's responsibility to ensure that any and all of Contractor's independent contractors and subcontractors comply with these insurance requirements. All coverages for independent contractors and subcontractors shall be subject to all of the applicable requirements stated herein. Any and all deficiencies are the responsibility of Contractor. The City reserves the right to adjust insurance limits from time to time at its discretion with notice to Contractor.

NOTE: CITY PROJECT NUMBER, PROJECT NAME AND BID NUMBER MUST APPEAR ON EACH CERTIFICATE, AND THE CITY OF FORT LAUDERDALE MUST BE NAMED ON THE CERTIFICATE AS AN "ADDITIONAL INSURED" ON REQUIRED LIABILITY POLICIES.

A Sample Insurance Certificate shall be included with the bid to demonstrate the firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the insurance companies' names for all required coverage, and the dollar amounts of the coverage.

11. PERFORMANCE AND PAYMENT BOND:

100%

12. CITY PROJECT MANAGER

The Project Manager is hereby designated by the City as Marc Isaac 701 S. Andrews Avenue, Fort Lauderdale, FL 33316, telephone number: (954) 828-5230, and email address is MIsaac@fortlauderdale.gov. The Project Manager will assume all duties and responsibilities and will have the rights and authorities assigned to the Project Manager in the Contract Documents in connection with completion of the Work in accordance with this Agreement.

13. LIQUIDATED DAMAGES *(See Article 16, Liquidated Damages, of the Contract for details)*

Upon failure of the Contractor to complete the Work within the time specified for completion, the Contractor shall pay to the City the sum of **TWO HUNDRED AND FIFTY DOLLARS (\$250.00)** for each and every calendar day that the completion of the Work is delayed beyond the time specified in this Agreement for completion, as fixed and agreed liquidated damages and not as a penalty, so long as the delay is caused by the Contractor. (See Article 16, Liquidated Damages Clause, of the Contract)

14. PAYMENT *(See Article 7, Payment, of the Contract for other details)*

The City shall make payment to the Contractor through utilization of the City's P-Card Program. The City has implemented a Purchasing Card (P-Card) Program utilizing both the VISA and MASTERCARD networks. Purchases from this contract will be made utilizing the City's Purchasing Card. Contractor will receive payment from the purchasing card in the same manner as other credit card purchases. Accordingly, Contractor must presently have the ability to accept these credit cards or take whatever steps necessary to implement the ability before the start of the contract term, or contract award by the City. All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

15. Payment Card Industry (PCI) Compliance

Contractor agrees to comply with all applicable state, federal and international laws, as well as industry best practices, governing the collection, access, use, disclosure, safeguarding and destruction of Protected Information.

Contractor and/or any subcontractor that handles credit card data must be, and remain, PCI compliant under the current standards and will provide documentation confirming compliance upon request by the City of Fort Lauderdale, failure to produce documentation could result in termination of the contract.

16. WORK SCHEDULE (including overtime hours):

Regular work hours: **8:00 am to 5:00 pm, Monday through Friday.**

City Inspector Hours: **8:00 am to 4:30 pm, Monday through Friday.**

Any inspection requested by the contractor outside those hours will be considered overtime to be paid by the Contractor.

17. INSPECTION OVERTIME COST: \$100/hr.

CITY OF FORT LAUDERDALE
DRAFT CONSTRUCTION AGREEMENT

THIS Agreement made and entered into this _____ day of _____, 20____, by and between the City of Fort Lauderdale, a Florida municipal corporation (City) and _____, a Florida _____ Company/Corporation (Contractor), ("Party" or collectively "Parties");

WHEREAS, the City desires to retain a contractor for the Project as expressed in its Invitation to Bid No. _____, Project Number, _____, which was opened on _____; and,

WHEREAS, the Contractor has expressed its willingness and capability to perform the necessary work to accomplish the Project.

NOW, THEREFORE, the City and the Contractor, in consideration of the mutual covenants and conditions contained herein and for other good and valuable consideration, the receipt and sufficiency is hereby acknowledged, agree as follows:

ARTICLE 1 – DEFINITIONS

Whenever used in this Agreement or in other Contract Documents, the following terms have the meanings indicated which are applicable to both the singular and plural forms:

- 1.1 Agreement – This written Agreement between the City and the Contractor covering the work to be performed including other Contract Documents that are attached to or incorporated in the Agreement.
- 1.2 Application for Payment – The form accepted by the City which is to be used by the Contractor in requesting progress or final payment and which is to include such supporting documentation as is required by the Contract Documents.
- 1.3 Approve – The word approve is defined to mean review of the material, equipment or methods for general compliance with design concepts and with the information given in the Contract Documents. It does not imply a responsibility on the part of the City to verify in every detail conformance with plans and specifications.
- 1.4 Bid – The offer or Bid of the Contractor submitted on the prescribed form setting forth the total prices for the Work to be performed.
- 1.5 Bid Documents – Advertisement for Invitation to Bids, the Instructions to Bidders, the Bid Form (with supplemental affidavits and sample agreements), the Contract Forms, General Conditions, the Supplementary Conditions, the Specifications, and the Plans, which documents all become an integral part of the Contract Documents.
- 1.6 Certificate of Substantial Completion - Certificate provided by the City certifying that all Work, excluding the punch list items, has been completed, inspected, and accepted by the City.

- 1.7 Change Order - A written document ordering a change in the Contract Price or Contract Time or a material change in the Work.
- 1.8 City – The City of Fort Lauderdale, Florida including but not limited to its employees, agents, officials, representatives, contractors, subcontractors, volunteers, successors and assigns, with whom the Contractor has entered into the Agreement and for whom the Work is to be provided.
- 1.9 Contract Documents – The Contract Documents shall consist of this Agreement, Exhibits to this Agreement, Public Construction Bond, Performance Bond, Payment Bond and Certificates of Insurance, Notice of Award and Notice to Proceed, Task Orders, General Conditions, Special Conditions, Technical Specifications, Plans/Drawings, Addenda, Bid Form and supplement Affidavits and Agreements, all applicable provisions of State and Federal Law and any modification, including Change Orders or written amendments duly delivered after execution of Agreement, Invitation to Bid, Instructions to Bidders and Bid Bond, Contractor's response to the City's Invitation to Bid, Schedule of Completion, Schedule of Values, all amendments, modifications and supplements, work directive changes issued on or after the Effective Date of the Agreement, as well as any additional documents that are required to be submitted under the Agreement.
- Permits on file with the City and/or those permits to be obtained shall be considered directive in nature and will be considered a part of this Agreement. A copy of all permits shall be given to the City for inclusion in the Contract Documents. Terms of permits shall be met prior to acceptance of the Work and release of the final payment.
- 1.10 Contract Price – The amount established in the bid submittal and award by the City's City Commission, its successors and assigns, as may be amended by Change Order.
- 1.11 Contract Time – The number of calendar days stated in the Agreement for the completion of the Work. The dates on which the work shall be started and shall be completed as stated in the Notice to Proceed and each subsequent Task Order.
- 1.12 Contractor – The person, firm, company, or corporation with whom the City has entered into the Agreement, including but not limited to its employees, agents, representatives, contractors, subcontractors, their subcontractors and their other successors and assigns.
- 1.13 Day – A calendar day of twenty-four (24) hours ending at midnight.
- 1.14 Defective – When modifying the word "Work" refers to work that is unsatisfactory, faulty, or deficient, or does not conform to the Contract Documents or does not meet the requirements of any inspection, test or approval referred to in the Contract Documents, or has been damaged prior to the Project Manager's recommendation of final payment.
- 1.15 Effective Date of the Agreement – The effective date of the Agreement shall be the date the City Commission approves the work.

- 1.16 Final Completion Date – The date the Task Order Work is completed, including completion of the final punch list, and delivered along with those items specified in the Contract Documents and is accepted by the City.
- 1.17 Hazardous Materials (HAZMAT) - Any solid, liquid, or gaseous material that is toxic, flammable, radioactive, corrosive, chemically reactive, or unstable upon prolonged storage in quantities that could pose a threat to life, property, or the environment defined in Section 101(14) of Comprehensive Environmental Response, Compensation and Liability Act of 1980 and in 40 CFR 300.6. Also defined by 49 CFR 171.8 as a substance or material designated by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce and which has been so designated.
- 1.18 Hazardous Substance - As defined by Section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act; any substance designated pursuant to Section 311(b) (2) (A) of the Clean Water Act; any element, compound, mixture, solution or substance designated pursuant to Section 102 identified under or listed pursuant to Section 3001 of the Solid Waste Disposal Act {but not including any waste listed under Section 307[a] of the Clean Water Act}; any hazardous air pollutant listed under Section 112 of the Clean Air Act; and any imminently hazardous chemical substance or mixture pursuant to Section 7 of the Toxic Substances Control Act. The term does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a hazardous substance in the first sentence of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
- 1.19 Hazardous Waste - Those solid wastes designated by OSHA in accordance with 40 CFR 261 due to the properties of ignitability, corrosivity, reactivity, or toxicity. Any material that is subject to the Hazardous Waste Manifest requirements of the EPA specified in 40 CFR Part 262.
- 1.20 Holidays - Those designated non-work days as established by the City Commission of the City of Fort Lauderdale.
- 1.21 Inspection – The term “inspection” and the act of inspecting as used in this Agreement is defined to mean the examination of construction to ensure that it conforms to the design concept expressed in the plans and specifications. This term shall not be construed to mean supervision, superintending and/or overseeing.
- 1.22 Notice of Award - The written notice by City to the Contractor stating that upon compliance by the Contractor with the conditions precedent enumerated therein, within the time specified that the City will sign and deliver this Agreement.
- 1.23 Notice to Proceed – A written notice given by the City to the Contractor authorizing the commencement of the activities identified in the notice or as described in the Contract Documents. Task Orders executed under this Contract will contain set timeframes in which the Task Order work shall be started and completed.

- 1.24 Plans - The official graphic representations of this Project that are a part of the Contract Documents and/or are referred to in the Contract Documents and/or Task Orders.
- 1.25 Premises (otherwise known as Site or Work Site) – means the land, buildings, facilities, etc. upon which the Work is to be performed.
- 1.26 Project – The construction project described in the Contract Documents, including the Work described therein, and each executed Task Order.
- 1.27 Project Manager - The employee of the City, or other designated individual who is herein referred to as the Project Manager, will assume all duties and responsibilities and will have the rights and authorities assigned to the Project Manager in the contract Documents in connection with completion of the Work in accordance with this Agreement. The Project Manager, or designee, shall be the authorized agent for the City unless otherwise specified.
- 1.28 Punch List - The City's list of Work yet to be done or be corrected by the Contractor, before the Final Completion date can be determined by the City.
- 1.29 Record Documents - A complete set of all specifications, drawings, addenda, modifications, shop drawings, submittals and samples annotated to show all changes made during the construction process.
- 1.30 Record Drawings or "As-Built" - A set of drawings which show significant changes in the work made during construction and which are usually based on drawings marked up in the field and other data furnished by the Contractor. These documents will be signed and sealed by a Professional Engineer or a Professional Land Surveyor licensed in the State of Florida and employed by the Contractor at no cost to the City.
- 1.31 Substantially Completed Date – A date when the Contractor has requested in writing, stating that the Work is substantially completed and is ready for an inspection and issuance of a final punch list for the Project. If, at the time of inspection, it is determined the project is substantially completed, the City will issue a letter of Substantial Completion along with a punch list of incomplete or deficient items to be completed prior to requesting a Final Completion inspection.
- 1.32 Task Order – A written agreement between the City and Contractor defining the particular scope of work to be performed under this Contract. When necessary, plans, permits and specifications may be provided by the City to clarify the requirements of the Task Order work. Each Task Order will contain a timeframe in which the work shall be completed in order for the Contractor to avoid being subjected to liquidated damages.
- 1.33 Work – The construction and services required by the Contract Documents required to be furnished under the Contract Documents and/or Task Order, whether completed or partially completed, and includes all labor, materials, equipment, and services provided or to be provided by Contractor to fulfill Contractor's obligations. The Work may constitute the whole or a part of the Project.

ARTICLE 2 – SCOPE OF WORK

- 2.1 The Contractor shall complete all work as specified or indicated in the Contract Documents. The Project for which the Work under the Contract Documents may be the whole or only part is generally described as follows:

PROJECT NAME
ITB # PROJECT #

- 2.2 All Work for the Project shall be constructed in accordance with the approved plans and Specifications. The Work generally involves:

PROJECT DESCRIPTION

[Need brief description of project (provided by the Dept.) including but not limited to:

- Location
- Components
- Intent

And Delete this note before placing in Bid Documents]

- 2.3 Within ten (10) days of the execution of this Agreement on each Task Order, the Contractor shall submit a Construction Schedule, Schedule of Values and a listing of all personnel employed. The general sequence of the Work shall be submitted by the Contractor and approved by the City before any work commences. The City reserves the right to issue construction directives necessary to facilitate the Work or to minimize any conflict with operations.

ARTICLE 3 – PROJECT MANAGER

- 3.1 The Project Manager is hereby designated by the City as [REDACTED] whose address is **100 N. Andrews Avenue, 4th Floor, Fort Lauderdale, FL 33301**, telephone number: **(954) 828 - [REDACTED]**, and email address is [REDACTED]@fortlauderdale.gov. The Project Manager will assume all duties and responsibilities and will have the rights and authorities assigned to the Project Manager in the Contract Documents in connection with completion of the Work in accordance with this Agreement.

ARTICLE 4 – CONTRACT DOCUMENTS

The Contract Documents which comprise the entire Agreement between the City and Contractor are incorporated herein and attached to this Agreement, and consist of the following:

- 4.1 This Agreement.
- 4.2 Exhibits to this Agreement [Plans (sheets [] to [] inclusive)].
- 4.3 Public Construction Bond, Performance Bond, Payment Bond and Certificates of Insurance.
- 4.4 Notice of Award and Notice to Proceed.

- 4.5 General Conditions as amended by the Special Conditions.
- 4.6 Technical Specifications.
- 4.7 Plans/Drawings.
- 4.8 Addenda number _____ through _____, inclusive.
- 4.9 Bid Form and supplement Affidavits and Agreements.
- 4.10 All applicable provisions of State and Federal Law.
- 4.11 Invitation to Bid No., _____, Instructions to Bidders and Bid Bond.
- 4.12 Contractor's response to the City's Invitation to Bid No., _____, dated _____.
- 4.13 Schedule of Completion.
- 4.14 All amendments, modifications, supplements, Task Orders, change orders, and work directive changes, issued on or after the Effective Date of the Agreement.
- 4.15 Any Additional documents that are required to be submitted under the Agreement.
- 4.16 Permits on file with the City and or those permits to be obtained shall be considered directive in nature and will be considered a part of this Agreement.

In the event of any conflict between the documents or any ambiguity or missing specification or instruction, the following priority is established:

- a. Agreement.
- b. Approved change orders, addenda or amendments.
- c. Specifications (quality) and Drawings (location and quantity).
- d. Supplemental conditions or special terms.
- e. General Terms and Conditions.
- f. This Agreement dated _____, and any attachments.
- g. Invitation to Bid No., _____, and the specifications prepared by the City.
- h. Contractor's response to the City's Invitation to Bid No., _____, dated _____.
- i. Schedule of Values.

j. Schedule of Completion.

DRAFT AGREEMENT

If during the performance of the Work, Contractor finds a conflict, error or discrepancy in the Contract Documents, Contractor shall so report to the Project Manager, in writing, within five (5) calendar days, and before proceeding with the Work affected shall obtain a written interpretation or clarification from the City.

Any Work that may reasonably be inferred from the specifications or plans as being required to produce the intended result shall be supplied whether or not it is specifically called for. When words which have a well-known technical or trade meaning are used to describe Work, materials, or equipment, such works shall be interpreted in accordance with such meaning. Reference to standard specifications, manuals or codes of any technical society, organization or associations, or to the code of any governmental authority whether such reference be specific or implied, shall mean the latest standard specification, manual or code in effect as of the Effective Date of this Agreement, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall change the duties and responsibilities of the City, the Contractor, or any of their agents or employees from those set forth in the Contract Documents.

ARTICLE 5 – CONTRACT TIME

- 5.1 The Contractor recognizes that TIME IS OF THE ESSENCE. The Work shall commence within **30** calendar days of the date of the Notice to Proceed.
- 5.2 The Work shall be Substantially Completed within **270** calendar days after the date when the Contract Time commences to run as provided in the Notice to Proceed.
- 5.3 The Work shall be finally completed on the Final Completion Date and ready for final payment in accordance with this Agreement within **300** calendar days after the Substantial Completion date.

ARTICLE 6 – CONTRACT PRICE

- 6.1 City shall pay Contractor for performance of the Work in accordance with Article 7, subject to additions and deletions by Change Order, as provided for in this Agreement.
- 6.2 The parties expressly agree that the Contract Price, which shall not exceed the amount of \$, constitutes the total maximum compensation payable to Contractor for performing the Work, plus any Work done pursuant to a Change Order. The Contract Price is in accordance with the line item unit prices listed in the Bid. Line items are based on a unit price cost multiplied by a defined quantity. Pricing shall remain firm for the duration of the project.

Any additional duties, responsibilities and obligations assigned to or undertaken by Contractor shall be at Contractor's expense without change to the Contract Price.

Commencement of any phases of the contract are contingent upon appropriation of funds.

- 6.3 The Contract Price constitutes the compensation payable to Contractor for performing the Work plus any Work done pursuant to a Change Order. All duties, responsibilities and obligations assigned to or undertaken by Contractor shall be at Contractor's expense without change in the Contract Price.

ARTICLE 7 – PAYMENT

- 7.1 Contractor shall submit Applications for Payment for each executed Task Order, in accordance with the Contract Documents. Applications for Payment will be processed by the City as provided for in the General Conditions.
- 7.2 Progress Payments. City shall make progress payments on account of the Contract Price on the basis of Contractor's executed Task Order and corresponding Application for Payment, which shall be submitted by the Contractor between the first (1st) and the tenth (10th) day after the end of each calendar month for which payment is requested, or upon completion of the work of the executed Task Order. All progress payments will be made on the basis of the progress of the Work completed on the executed Task Order.
- 7.3 Prior to Final Completion of each Task Order, progress payments will be made in an amount equal to ninety-five percent (95%) of the value of Work completed less in each case the aggregate of payments previously made.
- 7.4 Final Payment: Upon final completion of the Work under each Task Order, the City shall pay Contractor an amount sufficient to increase total payments to one hundred percent (100%) of the Contract Price. However, not less than five percent (5%) of the Contract Price shall be retained until Record Drawings (as-builts), specifications, addenda, modifications and shop drawings, including all manufacturers' instructional and parts manuals are delivered to and accepted by the City.
- 7.5 City may withhold, in whole or in part, payment to such extent as may be necessary to protect itself from loss on account of:
- 7.5.1 Defective work not remedied.
 - 7.5.2 Claims filed or reasonable evidence indicating probable filing of claims by other parties against Contractor or City because of Contractor's performance.
 - 7.5.3 Failure of Contractor to make payments properly to subcontractors or for material or labor.
 - 7.5.4 Damage to another contractor not remedied.

- 7.5.5 Liquidated damages and costs incurred by Consultant for extended construction administration, if applicable.
- 7.5.6 Failure of Contractor to provide any and all documents required by the Contract Documents.

When the above grounds are removed or resolved satisfactory to the Project Manager, payment shall be made in whole or in part.

- 7.6 The City shall make payment to the Contractor in accordance with the Florida Prompt Payment Act, Section 218.70, Florida Statutes (2021), as amended or revised, provided however, complete and error free pay application is submitted.
- 7.7 The City shall make payment to the Contractor through utilization of the City's Purchasing Card (P-Card) Program. The City has implemented a P-Card Program utilizing the MASTERCARD and VISA networks. Purchases from this contract will be made utilizing the City's P-Card. Contractor will receive payment from the purchasing card in the same manner as other credit card purchases. Accordingly, Contractor must presently have the ability to accept these credit cards or take whatever steps necessary to implement the ability before the start of the contract term, or contract award by the City. All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.
- 7.8 Payment Card Industry (PCI) Compliance. **[This section does not apply to check payments. Include this section ONLY when Payment will be made by P-Card]**

Contractor agrees to comply with all applicable state, federal and international laws, as well as industry best practices, governing the collection, access, use, disclosure, safeguarding and destruction of Protected Information.

Contractor and/or any subcontractor that handles credit card data must be, and remain, PCI compliant under the current standards and will provide documentation confirming compliance upon request by the City of Fort Lauderdale. Failure to produce documentation could result in termination of the contract.

ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS

In order to induce the City to enter into this Agreement, and prior to agreeing to and execution of each Task Order under this Contract, Contractor makes the following representations upon which the City has relied:

- 8.1 Contractor is qualified in the field of public construction and in particular to perform the Work and services set forth in this Agreement.

- 8.2 Contractor has visited the Work Site, has conducted extensive tests, examinations and investigations and represents and warrants a thorough familiarization with the nature and extent of each Task Order and associated Contract Documents, the Work, locality, soil conditions, water table condition, moisture conditions and all year-round local weather and climate conditions (past and present), and examination and investigations conducted by Contractor and the Contractor's experts, has determined that no conditions exist that would in any manner affect the Proposed Price and that the project can be completed for the Proposed Price submitted within the Contract Time as defined in each Task Order. Furthermore, Contractor warrants and confirms that it is totally familiar with, understands and obligates Contractor to comply with all federal, state and local laws, ordinances, rules, regulations and all market conditions that affect or may affect the cost and price of materials and labor needed to fulfill all provisions of this Agreement or that in any manner may affect cost, progress or performance of the Work.
- 8.3 The Contractor has satisfied itself as to the nature and location of the Work under each Task Order, the general and local conditions of the Project, particularly those bearing upon availability of transportation, disposal, handling and storage of materials, availability of labor, water, electric power, and roads, the conformation and conditions at the ground based on City provided reports, the type of equipment and facilities needed preliminary to and during the prosecution of the Task Order and all other matters which can in any way affect the Work, schedule, or the cost thereof under the Task Order and associated Contract Documents.
- 8.4 The Contractor has also studied on its own, investigations and tests of subsurface and latent physical conditions at the site or otherwise affecting cost, progress or performance of the Works, and finds and has further determined that no conditions exist that would in any manner affect the Proposed Price and that the Task Order Work can be completed for the Proposed Price submitted and within the timeframe agreed upon within each Task Order.
- 8.5 Contractor has made or cause to be made, examinations, investigations, tests and studies of such reports and related data in addition to those referred to in Paragraphs 8.2, 8.3 and 8.4 above as it deems necessary for the performance of the Work under each Task Order at the Contract Prices, within the Contract Time of the specified Task Order and in accordance with the other terms and conditions of the Contract Documents; and no additional examinations, investigations, tests, reports or similar data are, or will be, required by Contractor for such purposes.
- 8.6 Contractor has correlated the results of all such observations, examinations, investigations, tests, reports and data related to each Task Order with the terms and conditions of the Contract Documents.
- 8.7 Contractor has given City written notice of all conflicts, errors or discrepancies that it has discovered in the Contract Documents related to each Task Order and the written resolution by City is acceptable to the Contractor.

8.8 Labor

- 8.8.1 The Contractor shall provide competent, suitable qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents for each Task Order. The Contractor shall at all times maintain good discipline and order at the site.
- 8.8.2 The Contractor shall, at all times, have a competent superintendent, capable of reading and thoroughly understanding the drawings and specifications, as the Contractor's agent on the Work, who shall, as the Contractor's agent, supervise, direct and otherwise conduct the Work under each Task Order.
- 8.8.3 The Contractor shall designate the superintendent on the job to the City, in writing, immediately after receipt of each Task Order. The Contractor understands and agrees that the superintendent's physical presence on the job site is indispensable to the successful completion of the Work. If the superintendent is frequently absent from the job site, the Project Manager may deliver written notice to the Contractor to stop work or terminate the Agreement in accordance with Article 17.
- 8.8.4 Where required and necessary, the contractor shall, at all times, have a certified "competent person" assigned to the job site for each Task Order. The Contractor shall assign personnel to the job site that have successfully completed training programs related to trench safety, confined space work, and maintenance of traffic (MOT). Personnel certified by the International Municipal Signal Associations with Florida Department of Transportation qualifications are required relative to MOT. Any other certifications that may be required by applicable permitting agencies for the Work assigned under each Task Order shall also be complied with by the Contractor. Failure to pursue the Work with the properly certified supervisory staff may result in a notice to stop work on a Task Order or terminate the Agreement in accordance with Article 17.

8.9 Materials:

- 8.9.1 The Contractor shall furnish all materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water and sanitary facilities and all other facilities and incidentals necessary for the execution, testing, initial operation and completion of Work under each Task Order.
- 8.9.2 All materials and equipment shall be of good quality and new, except as otherwise provided in the Contract Documents. Suppliers shall be selected and paid by the Contractor; the City reserves the right to approve all suppliers and materials.

- 8.10 Work Hours: Except in connection with the safety or protection of persons, or the Work, or property at the site or adjacent thereto, and except as otherwise indicated in the Supplementary Conditions, all work at the site shall be performed during regular working hours between 8 a.m. and 5:00 p.m., Monday through Friday.

Unless approved by the City in advance, the Contractor will not perform work on Saturday, Sunday or any legal holiday (designated by the City of Fort Lauderdale) without the Project Manager's written consent at least seventy-two (72) hours in advance of starting such work. For any overtime inspection required by City personnel, the Contractor shall pay for the additional charges to the City with respect to such overtime work. Such additional charges shall be a subsidiary obligation of the Contractor and no extra payment shall be made to the Contractor for overtime work. **It shall be noted that the City's Inspector work hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday, and any work requiring inspection oversight being performed outside of this timeframe shall be paid for by the Contractor as Inspector overtime at a rate of \$100.00 per hour.** The cost to the Contractor to reimburse the City for overtime inspection is established at direct-labor and overtime costs for each person or inspector required. Incidental overtime costs for engineering, testing and other related services will also be charged to the Contractor at the actual rate accrued.

- 8.11 Patent Fee and Royalties: The Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work, or any invention, design, process, product or device which is the subject of patent rights or copyrights held by others. The Contractor hereby expressly binds himself or itself to indemnify and hold harmless the City from all such claims and fees and from any and all suits and action of every name and description that may be brought against City on account of any such claims, fees, royalties, or costs for any such invention or patent, and from any and all suits or actions that may be brought against said City for the infringement of any and all patents or patent rights claimed by any person, firm corporation or other entity.

- 8.12 Permits: The Contractor shall obtain and pay for all permits and licenses. There shall be no allowance for Contractor markup, overhead or profit for permits and licenses.

The Contractor shall pay all government charges which are applicable at the time of opening of proposals. It shall be the responsibility of the Contractor to secure and pay for all necessary licenses and permits of a temporary nature necessary for the prosecution of Work.

- 8.13 Law and Regulations: The Contractor shall give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work. If the Contractor observes that the specifications or plans are in conflict, the Contractor shall give the Project Manager prompt written notice thereof within five (5) calendar days, and any necessary changes shall be adjusted by any appropriate modifications. If the Contractor performs any work knowing or having reason to know that it is contrary to such laws, ordinances, rules, standards, specifications and regulations, and without such notice to the Project Manager, the Contractor shall bear all costs arising therefrom.

- 8.14 Taxes: The Contractor shall pay all sales, consumer, use and other similar taxes required to be paid by him in accordance with the laws of the City of Fort Lauderdale, County of Broward, and the State of Florida.

- 8.15 Contractor Use of Premises: The Contractor shall confine construction equipment, the storage of materials and equipment and the operations of workmen to areas permitted by law, ordinances, permits and/or the requirements of the Contract Documents, and shall not unreasonably encumber the premises with construction equipment or other materials or equipment.

The Contractor shall not enter upon private property for any purpose without first securing the permission of the property owner in writing and furnishing the Project Manager with a copy of said permission. This requirement will be strictly enforced, particularly with regard to such vacant properties as may be utilized for storage or staging by the Contractor.

The Contractor shall conduct its work in such a manner as to avoid damage to adjacent private or public property. Any damage to existing structures or work of any kind, including permanent reference markers or property corner markers, or the interruption of a utility service, shall be repaired or restored promptly at no expense to the City or property owner.

The Contractor will preserve and protect all existing vegetation such as trees, shrubs and grass on or adjacent to the site which do not reasonably interfere with the construction, as determined by the Project Manager. The Contractor will be responsible for repairing or replacing any trees, shrubs, lawns and landscaping that may be damaged due to careless operation of equipment, stockpiling of materials, tracking of grass by equipment or other construction activity. The Contractor will be liable for, or will be required to replace or restore at no expense to the City, all properties and areas not protected or preserved as may be required that is destroyed or damaged.

During the progress of the Work, the Contractor shall keep the premises free from accumulation of waste materials, rubbish and debris resulting from the Work. At the completion of the Work, the Contractor shall remove all waste materials, rubbish and debris from and about the premises as well as all tools, appliances, construction equipment and machinery, and surplus materials and shall leave the site clean and ready for occupancy by the City. The Contractor shall restore to their original condition those portions of the site not designated for alteration by the Contract Documents at no cost to the City.

- 8.16 Project Coordination: The Contractor shall provide for the complete coordination of the construction effort. This shall include, but not necessarily be limited to, coordination of the following:

- 8.16.1 Flow of material and equipment from suppliers.
- 8.16.2 The interrelated work with affected utility companies.
- 8.16.3 The interrelated work with the City where tie-ins to existing facilities are required.
- 8.16.4 The effort of independent testing agencies.
- 8.16.5 Notice to affected property owners as may be directed by the Project Manager.
- 8.16.6 Coordination with and scheduling of all required inspections from all permitting agencies.

- 8.17 Project Record Documents and Final As-Builts (Record Drawings): Contractor shall be responsible for maintaining up-to-date redline as-built drawings, on site, at all times during construction. All as-built information shall be surveyed and verified by a professional land surveyor registered in the State of Florida. Contractor shall provide the City with a minimum of three (3) sets of signed and sealed record drawings (Final As-builts) and a CD of the electronic drawing files created in AutoCAD 2014 or later. All costs associated with survey work required for construction layout and as-built preparation shall be the responsibility of the Contractor.
- 8.18 Safety and Protection:
- 8.18.1 The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. The Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
- 8.18.1.1 All employees working on the project and other persons who may be affected thereby.
 - 8.18.1.2 All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site.
 - 8.18.1.3 Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.
- 8.18.2 The Contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. The Contractor shall notify owners of adjacent property and utilities when execution of the Work may affect them at least seventy-two (72) hours in advance (unless otherwise required). All damage, injury or loss to any property caused, directly or indirectly, in whole or in part by the Contractor, any subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, shall be remedied by the Contractor. The Contractor's duties and responsibilities for safety and protection of the Work shall continue until such time as all the Work is completed and accepted by the City.
- 8.19 Emergencies: In emergencies affecting the safety or protection of persons or the Work or property at the site or adjacent thereto, the Contractor, without special instruction or authorization from the City, is obligated to act to prevent threatened damage, injury or loss. The Contractor shall give the Project Manager prompt written notice of any significant changes in the Work or deviations from the Contract Documents caused thereby.
- 8.20 Risk of Loss: The risk of loss, injury or destruction shall be on the Contractor until acceptance of the Work by the City. Title to the Work shall pass to the City upon acceptance of the Work by the City.

8.21 Environmental: The Contractor has fully inspected the Premises and agrees, except as to the presence of any asbestos, to accept the Premises in an "as is" physical condition, without representation or warranty by the City of any kind, including, without limitation, any and all existing environmental claims or obligations that may arise from the presence of any "contamination" on, in or about the Premises. Further, Contractor and all entities claiming by, through or under the Contractor, releases and discharges the City, from any claim, demand, or cause of action arising out of or relating to the Contractor's use, handling, storage, release, discharge, treatment, removal, transport, decontamination, cleanup, disposal and/or presence of any hazardous substances including asbestos on, under, from or about the Premises. The Contractor shall have no liability for any pre-existing claims or "contamination" on the Premises.

The Contractor shall not use, handle, store, discharge, treat, remove, transport, or dispose of Hazardous Substances including asbestos at, in, upon, under, to or from the Premises until receipt of instructions from the City. At such time, a City approved Change Order, which shall not include any profit, shall authorize the Contractor to perform such services.

The Contractor shall immediately deliver to the Project Manager complete copies of all notices, demands, or other communications received by the Contractor from any governmental or quasi-governmental authority or any insurance company or board of fire underwriters or like or similar entities regarding in any way alleged violations or potential violations of any Environmental Law or otherwise asserting the existence or potential existence of any condition or activity on the Premises which is or could be dangerous to life, limb, property, or the environment.

For other and additional consideration, the Contractor hereby agrees, at its sole cost and expense, to indemnify and protect, defend, and hold harmless the City and its respective employees, agents, officials, officers, representatives, contractors and subcontractors, successors, and assigns (hereafter the "City") from and against any and all claims, demands, losses, damages, costs, expenses, including but not limited to mitigation, restoration, and natural restoration expenses, liabilities, assessments, fines, penalties charges, administrative and judicial proceedings and orders, judgments, causes of action, in law or in equity, remedial action requirements and/or enforcement actions of any kind (including, without limitation, attorneys' fees and costs) directly or indirectly arising out of or attributable to, in whole or in part, the Contractor's use, handling, storage, release, threatened release, discharge, treatment, removal, transport, decontamination, cleanup, disposal and/or presence of a Hazardous Substance (excluding asbestos) on, under, from, to or about the Premises or any other activity carried on or undertaken on or off the Premises by the Contractor or its employees, agents or subcontractors, in connection with the use, handling, storage, release, threatened release, discharge, treatment, mitigation, natural resource restoration, removal, transport, decontamination, cleanup, disposal and/or presence or any Hazardous Substance including asbestos located, transported, or present on, undue, from, to, or about the Premises. This indemnity is intended to be operable under 42 U.S.C. Section 9607, as amended or revised, and any successor section.

The scope of the indemnity obligations includes, but is not limited to: (a) all consequential damages; (b) the cost of any required or necessary repair, cleanup, or detoxification of the applicable real estate and the preparation and implementation of any closure, remedial or other required plan, including without limitation; (i) the costs of

removal or remedial action incurred by the United States government or the State of Florida or response costs incurred by any other person, or damages from injury to destruction of, or loss of, natural resources, including the cost of assessing such injury, destruction, or loss, incurred pursuant to the Comprehensive Environmental Response, Compensation and Liability Act, as amended; (ii) the clean-up costs, fines, damages, or penalties incurred pursuant to any applicable provisions of Florida law; and (iii) the cost and expenses of abatement, correction or cleanup, fines, damages, response costs, or penalties which arise from the provisions of any other statute, law, regulation, code ordinance, or legal requirement state or federal; and (c) liability for personal injury or property damage arising under any statutory or common law tort theory, including damages assessed for the maintenance of a public private nuisance, response costs, or for the carrying on of an abnormally dangerous activity.

8.22 No Extended Damages : For other and additional good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the Contractor covenants and agrees that in the event of any delay of construction or for any other reason or allegation or claim, and notwithstanding the reason of the delay, reason, claim or allegation or who caused them or the construction delay or whether they were caused by the City, that there will be no entitlement to Contractor to or for any direct or indirect financial damages or losses for extended corporate overhead impact, extended project overhead impacts, project support services, mobilization or demobilization or by whatever other label or legal concept or theory and types of names or labels or basis such claims may have, or any business damages or losses of whatever type or nature, and Contractor hereby waives any right to make any such claim or claims. This provision will have application and effect when construction delays are anticipated and agreed upon by both the City and the Contractor.

8.23 No Liens: If any subcontractor, supplier, laborer, or materialmen of Contractor or any other person directly or indirectly acting for or through Contractor files or attempts to file a mechanic's or construction lien against the real property on which the Work is performed or any part or against any personal property or improvements or claim against any monies due or to become due from the City to Contractor or from Contractor to a subcontractor, for or on account of any work, labor, services, material, equipment, or other items furnished in connection with the Work or any Change Order, Contractor agrees to satisfy, remove, or discharge such lien or claim at its own expense by bond, payment, or otherwise within twenty (20) days of the filing or from receipt of written notice from the City.

Additionally, until such time as such lien or claim is satisfied, removed or discharged by Contractor, all monies due to Contractor, or that become due to Contractor before the lien or claim is satisfied, removed or otherwise discharged, shall be held by City as security for the satisfaction, removal and discharge of such lien and any expense that may be incurred while obtaining such. If Contractor shall fail to do so, City shall have the right, in addition to all other rights and remedies provided by this Agreement or by law, to satisfy, remove, or discharge such lien or claim by whatever means City chooses at the entire and sole cost and expense of Contractor which costs and expenses shall, without limitation, include attorney's fees, litigation costs, fees and expenses and all court costs and assessments.

- 8.24 Weather Emergencies: Upon issuance of a hurricane watch by the National Weather Service, the Contractor shall submit to the City a plan to secure the work area in the event a hurricane warning is issued. The plan shall detail how the Contractor will secure the Premises, equipment and materials in a manner as to prevent damage to the Work and prevent materials and equipment from becoming a hazard to persons and property on and around the Premises. The plan shall include a time schedule required to accomplish the hurricane preparations and a list of emergency contacts that will be available, and in the City before, during and immediately after the storm.

Upon issuance of a hurricane warning by the National Weather Service, if the Contractor has not already done so, the Contractor shall implement its hurricane preparedness plan. Cost of development and implementation of the hurricane preparedness plan shall be considered as incidental to construction. Cost of any clean up and rework required after the storm will be considered normal construction risk within Florida and shall not entitle the Contractor to any additional compensation. Contractor shall be entitled to request an extension in time for completion of the Work, in accordance with the provisions of Article 15 of this Agreement, equal to the time it is shut down for implementation of the preparedness plan, the duration of the storm and a reasonable period to restore the Premises.

- 8.25 Force Majeure: No Party shall hold the other responsible for damages or for delays in performance caused by force majeure, acts of God, or other acts or circumstances beyond the control of the other party or that could not have been reasonably foreseen and prevented. For this purpose, such acts or circumstances shall include, but not be limited to weather conditions affecting performance, floods, epidemics, pandemics, war, act of Governmental Authority, state of emergency, riots, strikes, lockouts, or other industrial disturbances, or protest demonstrations. Should such acts or circumstances occur, the parties shall use their best efforts to overcome the difficulties arising therefrom and to resume the Work as soon as reasonably possible with the normal pursuit of the Work.

Inclement weather, continuous rain for less than three (3) days or the acts or omissions of subcontractors, third-party contractors, materialmen, suppliers, or their subcontractors, shall not be considered acts of force majeure.

No Party shall be liable for its failure to carry out its obligations under the Agreement during a period when such Party is rendered unable by force majeure to carry out its obligation, but the obligation of the Party or Parties relying on such force majeure shall be suspended only during the continuance of the inability and for no longer period than the unexpected or uncontrollable event.

The Contractor further agrees and stipulates, that its right to excuse its failure to perform by reason of force majeure shall be conditioned upon giving written notice of its assertion that a Force Majeure delay has commenced within ninety-six (96) hours after such an occurrence. The Contractor shall use its reasonable efforts to minimize such delays. The Contractor shall promptly provide an estimate of the anticipated additional time required to complete the Project.

- 8.26 Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assisted Contracts: The recipient shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR Part 26. The recipient shall take all necessary and reasonable steps under 49 CFR Part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR Part 26 and as approved by DOT, is incorporated by reference in this Agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this Agreement. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 *et seq.*).

Additionally, the Contractor assures that it, the sub-recipient or its subcontractors shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Agreement. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this Agreement, which may result in the termination of this Agreement or such other remedy as the recipient deems appropriate. This additional language must be included in each subcontract the prime Contractor signs with a subcontractor.

ARTICLE 9 – CITY’S RESPONSIBILITIES

- 9.1 The City shall furnish the data required of the City under the Contract Documents promptly and shall make payments to the Contractor promptly after they are due as provided in Article 7.
- 9.2 The City shall provide public rights-of-way and easement, where available, for the installation of conduits, transformers pads and related appurtenances only.
- 9.3 Technical Clarifications and Interpretations:
- 9.3.1 The City shall issue, with reasonable promptness, such written clarifications or interpretations of the Contract Documents as it may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents. Should the Contractor fail to request interpretation of questionable items in the Contract Documents, the City shall not entertain any excuse for failure to execute the Work in a satisfactory manner.
- 9.3.2 The City shall interpret and decide matters concerning performance under the requirements of the Contract Documents, and shall make decisions on all claims, disputes or other matters in question. Written notice of each claim, dispute or other matter will be delivered by claimant to the other Party but in no event later than five (5) days after the occurrence of event, and written supporting data will be submitted to the other Party within five (5) days after such occurrence. All written decisions of the City on any claim or dispute will be final and binding.

- 9.4 The Contractor shall perform all Work to the reasonable satisfaction of the City in accordance with the Contract Documents. In cases of disagreement or ambiguity, the City shall decide all questions, difficulties, and disputes of whatever nature, which may arise under or by reason of this Agreement or the quality, amount and value of the Work, and the City's decisions on all claims, questions and determination are final.
- 9.5 Cancellation For Unappropriated Funds: The obligation of the City for payment to a Contractor is limited to the availability of funds appropriated in a current fiscal period, and continuation of the contract into a subsequent fiscal period is subject to appropriation of funds, unless otherwise authorized by law.

ARTICLE 10 – BONDS AND INSURANCE

- 10.1 Public Construction and Other Bonds: The Contractor shall furnish Public Construction or Performance and Payment Bonds ("Bond"), in an amount equal to 100% of the value of each Task Order issued as security for the faithful performance and payment of all the Contractor's obligations under the Contract Documents. These Bonds shall remain in effect until at least one (1) year after the date of final payment, except as otherwise provided by law. All Bonds shall be furnished and provided by the surety and shall be in substantially the same form as prescribed by the Contract Documents and be executed by such sureties as (i) are licensed to conduct business in the State of Florida, and (ii) are named in the current list of Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies as published in Circular 570 (amended) by the Audit Staff Bureau of Accounts, U.S. Treasury Department and (iii) otherwise meet the requirements set forth herein that apply to sureties. All Bonds signed by an agent must be accompanied by a certified copy of the authority to act.
- 10.1.1 Performance Bond: The Contractor shall execute and record in the public records of Broward County, Florida, a payment and performance bond in an amount at least equal to the Contract Price with a surety insurer authorized to do business in the State of Florida as surety, ("Bond"), in accordance with Section 255.05, Florida Statutes (2021), as may be amended or revised, as security for the faithful performance and payment of all of the Contractor's obligations under the Contract Documents.
- A Corporate Surety Bond legally issued, meeting the approval of, and running to the City in an amount not less than the Contract Price of such improvements, conditioned that the Contractor shall maintain and make all repairs to the improvements constructed by the Contractor at their own expense and free of charge to the City, for the period of one (1) year after the date of acceptance of the Work within such period by reason of any imperfection of the material used or by reason of any defective workmanship, or any improper, imperfect or defective preparation of the base upon which any such improvement shall be laid.
- 10.2 Disqualification of Surety: If the Surety on any Bond furnished by the Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in the State of Florida or it ceases to meet the requirements of clauses (i) and (ii) of Paragraph 10.1, the Contractor shall within five (5) days thereafter substitute another Bond and Surety, both of which shall be acceptable to the City.

INSERT INSURANCE VERBIAGE FROM RISK MANAGEMENT HERE

NOTE: CITY PROJECT NUMBER, PROJECT NAME AND BID NUMBER MUST APPEAR ON EACH CERTIFICATE, AND THE CITY OF FORT LAUDERDALE MUST BE NAMED ON THE CERTIFICATE AS AN “ADDITIONAL INSURED” ON REQUIRED LIABILITY POLICIES.

A Sample Insurance Certificate shall be included with the proposal to demonstrate the firm’s ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the insurance companies’ names for all required coverage, and the dollar amounts of the coverage.

ARTICLE 11- WARRANTY AND GUARANTEE, TESTS AND INSPECTIONS, CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

11.1 Warranty: The Contractor warrants and guarantees to the City that all Work will be in accordance with the Contract Documents and will not be defective. Prompt notice of all defects shall be given to the Contractor. All defective work, whether or not in place, may be rejected, corrected or accepted as provided in this Article.

11.1.1 Warranty of Title: The Contractor warrants to the City that it possesses good, clear and marketable title to all equipment and materials provided and that there are no pending liens, claims or encumbrances against the equipment and materials.

11.1.2 Warranty of Specifications: The Contractor warrants that all equipment, materials and workmanship furnished, whether furnished by the Contractor, its subcontractors or suppliers, will comply with the specifications, drawings and other descriptions supplied or adopted and that all services will be performed in a workmanlike manner.

11.1.3 Warranty of Merchantability: The Contractor warrants that any and all equipment to be supplied pursuant to this Agreement is merchantable, free from defects, whether patent or latent in material or workmanship, and fit for the ordinary purposes for which it is intended.

11.2 Tests and Inspections: Contractor shall retain the services of an independent, certified, testing lab to perform all testing as required by the specifications, contract drawings, and any applicable permitting agency. Contractor shall provide evidence of certification to the City before the work and testing is done. Testing results shall be submitted to the Project Manager for review and approval at the time the results are provided to the Contractor. The Contractor shall give the Project Manager and City Inspector a minimum of twenty-four (24) hours’ advanced notice of readiness of the Work for all required inspections, tests, or approvals and shall notify all applicable permitting agencies in a timely manner based on requirements set forth in the permit documents.

11.2.1 Neither observations by the Project Manager nor inspections, tests or approvals by others shall relieve the Contractor from its obligations to perform the Work in accordance with the Contract Documents.

11.3 Uncovering Work: If any work that is to be inspected, tested or approved is covered without approval or consent of the Project Manager, it must, if requested by the Project Manager, be uncovered for observation and/or testing. Such uncovering and replacement shall be at the Contractor's sole expense unless the Contractor has given the Project Manager timely notice of the Contractor's intention to cover such Work and the Project Manager has not acted with reasonable promptness in response to such notice.

11.3.1 If the Project Manager considers it necessary or advisable that Work covered in accordance with Paragraphs 11.2.1 be observed by the City or inspected or tested by others, the Contractor at the City's request, shall uncover, expose or otherwise make available for observation, inspection or testing as the Project Manager may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is defective, the Contractor shall bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, including compensation for additional professional services, and an appropriate deductive Change Order shall be issued. If, however, such work is not found to be defective, the Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection testing and reconstruction if it makes a claim therefore as provided in Articles 14 and 15.

11.4 City May Stop the Work: If the Work is defective, or the Contractor fails to supply sufficient skilled supervisory personnel or workmen or suitable materials or equipment or the work area is deemed unsafe, the City may order the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of the City to stop the Work shall not give rise to any duty on the part of the City to exercise this right for the benefit of the Contractor or any other Party. The City will not award any increase in Contract Price or Contract Time if the Work is stopped due to the circumstances described herein.

11.5 Correction or Removal of Defective Work Before Final Payment: If required by the Project Manager, the Contractor shall promptly, without cost to the City and as specified by the Project Manager, either correct any defective Work, whether or not fabricated, installed or completed, or if the Work has been rejected by the City, remove it from the site and replace it with non-defective Work.

11.6 One Year Correction Period After Final Payment: If, within one (1) year after the date of final acceptance of work on each Task Order, or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any work is found to be defective, the Contractor shall promptly, without cost to the City and in accordance with the City's written instructions, either correct such defective Work, or, if it has been rejected by the City, remove it from the site and replace it with non-defective Work.

If the Contractor does not promptly comply with the terms of such instructions or in an emergency where delay would cause serious risk of loss or damage, the City may have the defective Work corrected or the rejected Work removed and replaced, and all direct and indirect costs for such removal and replacement, including compensation for additional professional services, shall be paid by the Contractor.

- 11.7 Acceptance of Defective Work, Deductions: If, instead of requiring correction or removal and replacement of defective Work, the City, at the City's sole option, prefers to accept it, the City may do so. In such a case, if acceptance occurs prior to the Project Manager's recommendation of final payments, a Change Order shall be issued incorporating the necessary revisions in the Contract's Documents, including appropriate reduction in the Contract Price; or if the acceptance occurs after such recommendation, an appropriate amount shall be paid by the Contractor to the City.
- 11.8 City May Correct Defective Work: If the Contractor fails within a reasonable time after written notice of the Project Manager to proceed to correct defective Work or to remove and replace rejected Work as required by the Project Manager in accordance with Paragraph 11.5, or if the Contractor fails to perform the Work in accordance with the Contract Documents, the City may, after seven (7) days' written notice to the Contractor, correct and remedy any such deficiency. In exercising its rights under this paragraph, the City shall proceed expeditiously. To the extent necessary to complete corrective and remedial action, the City may exclude the Contractor from all or part of the site, take possession of all or part of the Work, suspend the Contractor's services related thereto and take possession of the Contractor's tools, construction equipment and materials stored at the site or elsewhere. The Contractor shall allow the City's representative agents and employees such access to the site as may be necessary to enable the City to exercise its rights under this paragraph. All direct and indirect costs of the City in exercising such rights shall be charged against the Contractor in an amount verified by the Project Manager, and a Change Order shall be issued incorporating the necessary revisions in the Contract Documents and a reduction in the Contract Price. Such direct and indirect costs shall include, in particular but without limitation, compensation for additional professional services required and costs of repair and replacement of work of others destroyed or damaged by correction, removal or replacement of the Contractor's defective Work. The Contractor shall not be allowed an extension of the Contract Time because of any delay in performance of the Work attributable to the exercise by the City of the City's right hereunder.

ARTICLE 12 – INDEMNIFICATION

- 12.1 Disclaimer of Liability: The City shall not at any time, be liable for injury or damage occurring to any person or property from any cause, whatsoever, arising out of Contractor's construction and fulfillment of this Agreement.
- 12.2 Indemnification: For other, additional good valuable consideration, the receipt and sufficiency of which is hereby acknowledged:
- 12.2.1 Contractor shall, at its sole cost and expense, indemnify and hold harmless the City, its representatives, employees and elected and appointed officials from or on account of all claims, damages, losses, liabilities and expenses, direct, indirect or consequential including but not limited to fees and charges of engineers, architects, attorneys, consultants and other professionals and court

costs arising out of or in consequence of the performance of this Agreement at all trial and appellate levels. Indemnification shall specifically include but not be limited to claims, damages, losses, liabilities and expenses arising out of or from (a) the negligent or defective design of the project and Work of this Agreement; (b) any act, omission or default of the Contractor, its subcontractors, agents, suppliers, employees, or laborers; (c) any and all bodily injuries, sickness, disease or death; (d) injury to or destruction of tangible property, including any resulting loss of use; (e) other such damages, liabilities, or losses received or sustained by any person or persons during or on account of any operations connected with the construction of this Project including the warranty period; (f) the use of any improper materials; (g) any construction defect including both patent and latent defects; (h) failure to timely complete the work; (i) the violation of any federal, state, county or City laws, ordinances or regulations by Contractor, its subcontractors, agents, servants, independent contractors or employees; (j) the breach or alleged breach by Contractor of any term of the Agreement, including the breach or alleged breach of any warranty or guarantee.

12.2.2 Contractor agrees to indemnify, defend, and hold harmless the City, its officers, agents and employees, from all damages, liabilities, losses, claims, fines and fees, and from any and all suits and actions of every name and description that may be brought against City, its officers, agents and employees, on account of any claims, fees, royalties, or costs for any invention or patent and/or for the infringement of any and all copyrights or patent rights claimed by any person, firm, or corporation.

12.2.3 Contractor shall pay all claims, losses, liens, settlements or judgments of any nature in connection with the foregoing indemnifications including, but not limited to, reasonable attorney's fees and costs for trials and appeals.

12.2.4 If any subcontractor, supplier, laborer, or materialmen of Contractor or any other person directly or indirectly acting for or through Contractor files or attempts to file a mechanic's or construction lien against the real property on which the work is performed or any part or against any personal property or improvements thereon or make a claim against any monies due or to become due from the City to Contractor or from Contractor to a subcontractor, for or on account of any work, labor, services, material, equipment, or other items furnished in connection with the Work or any change order, Contractor agrees to satisfy, remove, or discharge such lien or claim at its own expense by bond, payment, or otherwise within five (5) days of the filing or from receipt of written notice from the City.

Additionally, until such time as such lien or claim is satisfied, removed or discharged by Contractor, all monies due to Contractor, or that become due to Contractor before the lien or claim is satisfied, removed or otherwise discharged, shall be held by City as security for the satisfaction, removal and discharge of such lien and any expense that may be incurred while obtaining the discharge. If Contractor shall fail to do so, City shall have the right, in addition to all other rights and remedies provided by this Agreement or by law, to satisfy, remove, or discharge such lien or claim by whatever means City chooses at the entire and sole cost and expense of Contractor which costs and

expenses shall, without limitation, include attorney's fees, litigation costs, fees and expenses and all court costs and assessments, and which shall be deducted from any amount owing to Contractor. In the event the amount due Contractor is less than the amount required to satisfy Contractor's obligation under this, or any other article, paragraph or section of this Agreement, the Contractor shall be liable for the deficiency due the City.

12.2.5 The Contractor and the City agree that Section 725.06(2), Florida Statutes (2021), as may be amended or revised, controls the extent and limits of the indemnification and hold harmless provisions of this Agreement, if any, and that the Parties waive any defects in the wording of this Article that runs afoul of said statutory section.

ARTICLE 13 – CHANGES IN THE WORK

- 13.1 Without invalidating this Agreement, the City may, at any time or from time to time order additions, deletions or revisions in the Work through the issuance of Task Order Amendments. Upon receipt of a Task Order Amendment, the Contractor shall proceed with the Work involved. All Work shall be executed under the applicable conditions of the Contract Documents. The City reserves the right to add, delete or modify any or all pay items and/or quantities. All adjustments shall be made on the per unit price basis where unit prices are quoted. Other adjustments, if any, shall be based on a fair and equitable manner per the Contract Documents or mutually negotiated price between the Contractor and City. In the event the Contractor and City cannot come to an agreement on a price or price adjustment, the City shall have the right to complete that item or work by other means without invalidating the Contract. No claim of loss of profit shall be made against the City.
- 13.2 The Project Manager may authorize minor changes in the Work not involving an adjustment in the Contract Price or the Contract Time, which are consistent with the overall intent of the Contract Documents. Such changes must be in writing and signed by the City and the Contractor.
- 13.3 If notice of any change affecting the general scope of the Work or change in the Contract Price is required by the provisions of any Bond to be given to the Surety, it will be the Contractor's responsibility to so notify the Surety, and the amount of each applicable Bond shall be adjusted accordingly. The Contractor shall furnish proof of such adjustment to the City.

ARTICLE 14 – CHANGE OF CONTRACT PRICE

Contract Price shall not exceed that which is agreed to in this Agreement. Any increase to the Contract Price shall be executed through an Amendment to this Agreement and approved by the City Commission.

- 14.1 Time for the City to Approve Contract Amendment: Should the cumulative amount of the executed Task Orders exceed the Contract Price, a Contract Amendment must be approved by the City Commission authorizing additional funding for this Contract if it exceeds the threshold established in the City Code.

ARTICLE 15 – CHANGE OF THE CONTRACT TIME

- 15.1 The Contract Time shall be for _____ () years from the date of Commission award subject to _____ () _____ () year renewal terms.
- 15.2 All time limits stated in the Contract Documents and within each executed Task Order are of the essence. The provisions of this Article 15 shall not exclude recovery for damages for delay by the Contractor.
- 15.3 Delays caused by or resulting from entities, contractors or subcontractors who are not affiliated with the Contractor (non-affiliated Contractors) shall not give rise to a claim by the Contractor for damages for increases in material and/or labor costs. Such entities, contractors and subcontractors include, but are not limited to, the City's contractors and subcontractors, Florida Power and Light Company, AT&T and Florida East Coast Railway, LLC.
- 15.4 Rights of Various Interests: Whenever work being done by City's forces or by other contractors is contiguous to or within the limits of work covered by this Agreement, the respective rights of the various interests involved shall be established by the Project Manager to secure the completion of the various portions of the Work in general harmony.

ARTICLE 16 – LIQUIDATED DAMAGES

- 16.1 Upon failure of the Contractor to complete the Work of an executed Task Order within the agreed upon and approved time for said Task Order, the Contractor shall pay to the City the sum of _____ **Hundred/Thousand Dollars (\$ _____ .00)** for each and every calendar day that the completion of the Task Order is delayed beyond the time agreed upon for said Task Order, as fixed and agreed liquidated damages and not as a penalty, so long as the delay is caused by the Contractor. Should an act of God or the acts or omissions of the City, its agents or representatives, in derogation to the terms of this Agreement cause the delay, the Contractor shall not be responsible for the delay nor liquidated damages. Liquidated damages are fixed and agreed upon between the Parties, recognizing the impossibility of precisely ascertaining the amount of damages that will be sustained by the City as a consequence of such delay and both Parties desiring to obviate any question of dispute concerning the amount of damages and the cost and effect of the failure of the Contractor to complete the Work on time. Liquidated damages shall apply separately to each Task Order for which a time of completion is given. The City shall have the right to deduct from or retain any compensation which may be due or which may become due and payable to the Contractor the amount of liquidated damages, and if the amount retained by the City is insufficient to pay in full such liquidated damages, the Contractor shall pay all liquidated damages in full. The Contractor shall be responsible for reimbursing the City, in addition to liquidated damages or other damages for delay, for all costs of engineering, architectural fees, and inspection and other costs incurred in administering the construction of the Project beyond the completion date specified or beyond an approved extension of time granted to the Contractor whichever is later. Delays caused by or resulting from entities, contractors or subcontractors who are not

affiliated with the Contractor shall not give rise to a claim by Contractor for damages for increase in material and/or labor costs. Such entities, contractors and subcontractors include, but are not limited to, the City's contractors and subcontractors, Florida Power and Light Company, AT&T, and Florida East Coast Railway, LLC.

- 16.2 No Extended Damages: For other and additional good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the Contractor covenants and agrees that in the event of any delay of construction or for any reason, allegation or claim, and notwithstanding the reason of the delay, reason, claim or allegation or who caused them or the construction delay or whether they were caused by the City, that there will be no entitlement to Contractor to or for any direct or indirect financial damages or losses for extended corporate overhead impact, extended project overhead impacts, project support services, mobilization or demobilization or by whatever other label or legal concept or theory and types of names or labels or basis such claims may have, or any business damages or losses of whatever type or nature, and Contractor hereby waives any right to make any such claim or claims. This provision will have application and effect when construction delays are anticipated and agreed upon by both the City and the Contractor.

ARTICLE 17 – SUSPENSION OF WORK AND TERMINATION

- 17.1 City May Suspend Work: The City may, at any time and without cause, suspend the Work or any portion of the Work for a period of not more than ninety (90) days by notice in writing to the Contractor which shall fix the date on which Work shall be resumed. The Contractor shall resume the Work on the date fixed. The Contractor will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension, if the Contractor makes a claim as provided in Articles 14 and 15.
- 17.2 City's Right to Terminate Task Order: The City may terminate this Agreement as well as any task order upon fifteen (15) calendar days' notice upon the occurrence of any one or more of the following events:
- 17.2.1 If the Contractor makes a general assignment for the benefit of creditors.
- 17.2.2 If a trustee, receiver, custodian or agent of the Contractor is appointed under applicable law or under Contract, whose appointment or authority to take charge of property of the Contractor is for the purpose of enforcing a lien against such property or for the purpose of general administration of such property for the benefit of the Contractor's creditors.
- 17.2.3 If Contractor fails to begin the Work within fifteen (15) calendar days after the Project Initiation Date, or fails to perform the Work with sufficient workers and equipment or with sufficient materials to ensure the prompt completion of the Work, or shall perform the Work unsuitably, or cause it to be rejected as defective and unsuitable, or shall discontinue the prosecution of the Work pursuant to the accepted schedule or if Contractor shall fail to perform any material term set forth in the Contract Documents, or from any other cause whatsoever shall not carry on the Work in an acceptable manner, Project Manager may give notice in writing to Contractor and its Surety of such delay, neglect or default, specifying the same.

17.2.4 If the Contractor repeatedly fails to make prompt payments to subcontractors or for labor, material or equipment.

17.2.5 If the Contractor repeatedly disregards proper safety procedures.

17.2.6 If the Contractor disregards any local, state or federal laws or regulations.

17.2.7 If the Contractor otherwise violates any provisions of this Agreement.

17.3 If Contractor, within a period of ten (10) calendar days after such notice, shall not proceed in accordance therewith, the City may exclude the Contractor from the Work site and take the prosecution of the Work out of the hands of the Contractor, and take possession of the Work and all of the Contractor's tools, appliances, construction equipment and machinery at the site and use them without liability to the City for trespass or conversion, incorporate in the Work all materials and equipment stored at the site or for which the City has paid the Contractor but which are stored elsewhere, and finish the Work as the City may deem expedient. In this instance, the Contractor shall not be entitled to receive any further compensation until the Work is finished.

17.3.1 If after notice of termination of Contractor's right to proceed, it is determined for any reason that Contractor was not in default, the rights and obligations of City and Contractor shall be the same as if the notice of termination had been issued pursuant to the Termination for Convenience clause as set forth in Section 17.5 below.

17.3.2 Upon receipt of Notice of Termination pursuant to Sections 17.2 or 17.5, Contractor shall promptly discontinue all affected work unless the Notice of Termination directs otherwise and deliver or otherwise make available to City all data, drawings, specifications, reports, estimates, summaries and such other information as may have been required by the Contract Documents whether completed or in process.

17.4 If the Contractor commits a default due to its insolvency or bankruptcy, the following shall apply:

17.4.1 Should this Agreement be entered into and fully executed by the Parties, funds released and the Contractor (Debtor) files for bankruptcy, the following shall occur:

17.4.1.1 In the event the Contractor files a voluntary petition under 11 U.S.C. 301 or 302, or an order for relief is entered under 11 U.S.C. 303, the Contractor shall acknowledge the extent, validity, and priority of the lien recorded in favor of the City. The Contractor further agrees that in the event of this default, the City shall, at its option, be entitled to seek relief from the automatic stay pursuant to 11 U.S.C. 362. The City shall be entitled to relief from the automatic stay pursuant to 11 U.S.C. 362(d) (1) or (d) (2), and the Contractor agrees to waive the notice

provisions in effect pursuant to 11 U.S.C. 362 and any applicable Local Rules of the United States Bankruptcy Court. The Contractor acknowledges that such waiver is done knowingly and voluntarily.

17.4.1.2 Alternatively, in the event the City does not seek stay relief, or if stay relief is denied, the City shall be entitled to monthly adequate protection payments within the meaning of 11 U.S.C. 361. The monthly adequate protection payments shall each be in an amount determined in accordance with the Note and Mortgage executed by the Contractor in favor of the City.

17.4.1.3 In the event the Contractor files for bankruptcy under Chapter 13 of Title 11, United States Code in addition to the foregoing provisions, the Contractor agrees to cure any amounts in arrears over a period not to exceed twenty-four (24) months from the date of the confirmation order, and such payments shall be made in addition to the regular monthly payments required by the Note and mortgage. Additionally, the Contractor shall agree that the City is over secured and, therefore, entitled to interest and attorney's fees pursuant to 11 U.S.C. 506(b). Such fees shall be allowed and payable as an administrative expense. Further, in the event the Contractor has less than five (5) years of payments remaining on the Note, the Contractor agrees that the treatment afforded to the claim of the City under any confirmed plan of reorganization shall provide that the remaining payments shall be satisfied in accordance with the Note, and that the remaining payments or claim shall not be extended or amortized over a longer period than the time remaining under the Note.

17.4.2 Should this Agreement be entered into and fully executed by the parties, and the funds have not been forwarded to Contractor, the following shall occur:

17.4.2.1 In the event the Contractor files a voluntary petition pursuant to 11 U.S.C. 301 or 302, or an order for relief is entered under 11 U.S.C. 303., the Contractor acknowledges that the commencement of a bankruptcy proceeding constitutes an event of default under the terms of this Agreement. Further, the Contractor acknowledges that this Agreement constitutes an executory contract within the meaning of 11 U.S.C. 365. The Contractor acknowledges that this Agreement is not capable of being assumed pursuant to 11 U.S.C. 365(c)(2), unless the City expressly consents in writing to the assumption. In the event the City consents to the assumption, the Contractor agrees to file a motion to assume this Agreement within ten (10) days after receipt of written consent from the City, regardless of whether the bankruptcy proceeding is pending under Chapter 7, 11, or 13 of Title 11 of the United States Code. The Contractor further acknowledges that this Agreement is not capable of being assigned pursuant to 11 U.S.C. 365(b)(1).

- 17.5 Termination for Convenience: This Agreement may be terminated for convenience in writing by City upon thirty (30) days' written notice to Contractor (delivered by certified mail, return receipt requested) of intent to terminate and the date on which such termination becomes effective. In such case, Contractor shall be paid for all work executed and expenses incurred prior to termination in addition to termination settlement costs reasonably incurred by Contractor relating to commitments which had become firm prior to the termination. Payment shall include reasonable profit for work/services satisfactorily performed. No payment shall be made for profit for work/services which have not been performed.
- 17.6 Where the Contractor's service has been so terminated by the City, the termination shall not affect any rights of the City against the Contractor then existing or which may thereafter accrue. Any retention or payment of moneys due the Contractor by the City will not release the Contractor from liability.
- 17.7 The Contractor has no right, authority or ability to terminate the Work except for the wrongful withholding of any payments due the Contractor from the City.

ARTICLE 18 – DISPUTE RESOLUTION

- 18.1 Resolution of Disputes: Questions, claims, difficulties and disputes of whatever nature which may arise relative to the technical interpretation of the Contract Documents and fulfillment of this Agreement as to the character, quality, amount and value of any work done and materials furnished, or proposed to be done or furnished under, or by reason of, the Contract Documents which cannot be resolved by mutual agreement of City Project Manager and Contractor shall be submitted to the City Manager or his designee and Contractor's representative for resolution. Prior to any litigation being commenced, for any disputes which remain unresolved, within sixty (60) days after final completion of the Work, the Parties shall participate in mediation to address all unresolved disputes to a mediator agreed upon by the Parties. Should any objection not be resolved in mediation, the Parties retain all their legal rights and remedies provided under the laws of Florida. Failure by a Party to comply in strict accordance with the requirements of this Article, then said Party specifically waives all of its rights provided hereunder, including its rights and remedies under the laws of Florida.
- 18.1.1 All non-technical administrative disputes (such as billing and payment) shall be determined by Contract Administrator.
- 18.1.2 During the pendency of any dispute and after a determination thereof, Contractor and Contract Administrator shall act in good faith to mitigate any potential damages including utilization of construction schedule changes and alternate means of construction. During the pendency of any dispute arising under this Agreement, other than termination herein, Contractor shall carry on the Work and adhere to the progress schedule. The Work shall not be delayed or postponed pending resolution of any disputes or disagreements.
- 18.1.3 For any disputes which remain unsolved, within sixty (60) calendar days after Final Completion of the Work, the Parties shall participate in mediation to address all unresolved disputes. A mediator shall be mutually agreed upon by

the Parties. Should any objection not be resolved in mediation, the Parties retain all their legal rights and remedies under applicable law. If a Party objecting to a determination, fails to comply in strict accordance with the requirements of this Article, said Party specifically waives all of its rights provided hereunder, including its rights and remedies under applicable law.

ARTICLE 19 – NOTICES

- 19.1 All notices required by any of the Contract Documents shall be in writing and shall be deemed delivered upon mailing by certified mail, return receipt requested to the following:

To the City: City Manager
City of Fort Lauderdale
100 North Andrews Avenue
Fort Lauderdale, Florida 33301-1016

with copies to:

Project Manager and City Attorney
City of Fort Lauderdale
100 North Andrews Avenue
Fort Lauderdale, Florida 33301-1016

To the Contractor:

ARTICLE 20 – LIMITATION OF LIABILITY

- 20.1 The City desires to enter into this Agreement only if in so doing the City can place a limit on the City's liability for any cause of action arising out of this Agreement, so that the City's liability for any breach never exceeds the sum of \$1,000. For other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Contractor expresses its willingness to enter into this Agreement with the knowledge that the Contractor's recovery from the City to any action or claim arising from the Agreement is limited to a maximum amount of \$1,000, which amount shall be reduced by the amount actually paid by the City to the Contractor pursuant to this Agreement, for any action or claim arising out of this Agreement. Nothing contained in this paragraph or elsewhere in this Agreement is in any way intended either to be a waiver of the limitation placed upon the City's liability as set forth in Section 768.28, Florida Statutes (2021), as may be amended or revised, or to extend the City's liability beyond the limits established in said Section 768.28 (2021), as may be amended or revised; and no claim or award against the City shall include attorney's fees, investigative costs, expert fees, suit costs or pre-judgment interest.

- 20.2 No Extended Damages: For other and additional good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the Contractor covenants and agrees that in the event of any delay of construction or for any reason, allegation or claim, and notwithstanding the reason of the delay, reason, claim or allegation or who caused them or the construction delay or whether they were caused by the City, that there will be no entitlement to Contractor to or for any direct or indirect financial damages or losses for extended corporate overhead impact, extended project overhead impacts, project support services, mobilization or demobilization or by whatever other label or legal concept or theory and types of names or labels or basis such claims may have, or any business damages or losses of whatever type or nature, and Contractor hereby waives any right to make any such claim or claims. This provision will have application and effect when construction delays are anticipated and agreed upon by both the City and the Contractor.

ARTICLE 21 – GOVERNING LAW; WAIVER OF JURY TRIAL

- 21.1 The Agreement shall be interpreted and construed in accordance with, and governed by, the laws of the state of Florida. The Parties agree that the exclusive venue for any lawsuit arising from, related to, or in connection with this Agreement shall be in the state courts of the Seventeenth Judicial Circuit in and for Broward County, Florida. If any claims arising from, related to, or in connection with this Agreement must be litigated in federal court, the Parties agree that the exclusive venue for any such lawsuit shall be in the United States District Court or United States Bankruptcy Court for the Southern District of Florida. **BY ENTERING INTO THIS AGREEMENT, THE PARTIES HEREBY EXPRESSLY WAIVE ANY AND ALL RIGHTS EITHER PARTY MIGHT HAVE TO A TRIAL BY JURY OF ANY ISSUES RELATED TO THIS AGREEMENT. IF A PARTY FAILS TO WITHDRAW A REQUEST FOR A JURY TRIAL IN A LAWSUIT ARISING OUT OF THIS AGREEMENT AFTER WRITTEN NOTICE BY THE OTHER PARTY OF VIOLATION OF THIS SECTION, THE PARTY MAKING THE REQUEST FOR JURY TRIAL SHALL BE LIABLE FOR THE REASONABLE ATTORNEYS' FEES AND COSTS OF THE OTHER PARTY IN CONTESTING THE REQUEST FOR JURY TRIAL, AND SUCH AMOUNTS SHALL BE AWARDED BY THE COURT IN ADJUDICATING THE MOTION.**

ARTICLE 22 – MISCELLANEOUS

- 22.1 The duties and obligations imposed by this Agreement and the rights and remedies available to the Parties and, in particular but without limitation, the warranties, guaranties and obligations imposed upon the Contractor and all of the rights and remedies available to the City, are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by laws or regulations, by special warranty or guarantee or by other provisions of the Contract Documents, and the provisions of this Paragraph will be as effective as if repeated specifically in the Contract Documents, and the provisions of this Paragraph will survive final payment and termination or completion of this Agreement.
- 22.2 The Contractor shall not assign or transfer this Agreement or its rights, title or interests. The obligations undertaken by the Contractor pursuant to this Agreement shall not be delegated or assigned to any other person or firm. Violation of the terms of this Paragraph shall constitute a material breach of Agreement by the Contractor and the

City any, at its discretion, cancel this Agreement and all rights, title and interest of the Contractor which shall immediately cease and terminate.

- 22.3 The Contractor and its employees, volunteers and agents shall be and remain an independent contractor and not agents or employees of the City with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be constructed to create a partnership, association or any other kind of joint undertaking or venture between the Parties.
- 22.4 The City reserves the right to audit the records of the Contractor relating in any way to the Work to be performed pursuant to this Agreement at any time during the performance and term of this Agreement and for a period of three (3) years after completion and acceptance by the City. If required by the City, the Contractor agrees to submit to an audit by an independent certified public accountant selected by the City. The Contractor shall allow the City to inspect, examine and review the records of the Contractor at any and all times during normal business hours during the term of this Agreement.
- 22.5 The remedies expressly provided in this Agreement to the City shall not be deemed to be exclusive but shall be cumulative and in addition to all other remedies in favor of the City now or later existing at law or in equity.
- 22.6 Should any part, term or provisions of this Agreement be decided by the courts to be invalid, illegal or in conflict with any state or federal law, the validity of the remaining portion or provision shall not be affected.
- 22.7 Prohibition Against Contracting With Scrutinized Companies: Subject to *Odebrecht Construction, Inc., v. Prasad*, 876 F.Supp.2d 1305 (S.D. Fla. 2012), *affirmed*, *Odebrecht Construction, Inc., v. Secretary, Florida Department of Transportation*, 715 F.3d 1268 (11th Cir. 2013), with regard to the "Cuba Amendment," the Contractor certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, and that it does not have business operations in Cuba or Syria, as provided in Section 287.135, Florida Statutes (2021), as may be amended or revised. The Contractor certifies that it is not on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2021), as may be amended or revised, and that it is not engaged in a boycott of Israel. The City may terminate this Agreement at the City's option if the Contractor is found to have submitted a false certification as provided under subsection (5) of Section 287.135, Florida Statutes (2021), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2021), as may be amended or revised, or is engaged in a boycott of Israel or has been engaged in business operations in Cuba or Syria, as defined in Section 287.135, Florida Statutes (2021), as may be amended or revised.

By submitting a proposal or response, the company, principals, or owners certify that it is not listed on the Scrutinized Companies with Activities in Sudan List or listed on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.

OR

Scrutinized Companies **WHEN CONTRACT IS NON-AGENDA; UNDER \$1M: [1/21/2021]**

The Contractor certifies that it is not on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2021), and that it is not engaged in a boycott of Israel. The City may terminate this Agreement at the City's option if the Contractor is found to have submitted a false certification as provided under subsection (5) of Section 287.135, Florida Statutes (2021), as may be amended or revised, or been placed on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2021), as may be amended or revised, or is engaged in a boycott of Israel.

- 22.8 Public Entity Crimes: In accordance with the Public Crimes Act, Section 287.133, Florida Statutes (2021), as may be amended or revised, a person or affiliate who is a contractor, consultant or other provider, 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 the City, may not submit a bid on a contract with the City for the construction or repair of a public building or public work, may not submit bids on leases of real property to the City, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with the City, and may not transact any business with the City in excess of the threshold amount provided in Section 287.017, Florida Statutes (2021), as may be amended or revised, for category two purchases for a period of thirty-six (36) months from the date of being placed on the convicted vendor list. Violation of this section by Contractor shall result in cancellation of the City purchase and may result in Contractor debarment.
- 22.9 Attorney Fees: If City or Contractor incurs any expense in enforcing the terms of this Agreement through litigation, the prevailing Party in that litigation shall be reimbursed for all such costs and expenses, including but not limited to court costs, and reasonable attorney fees incurred during litigation.
- 22.10 This Project will be financed with the assistance from the Community Development Block Grant Housing and Urban Development Repayment Funds using federal assistance authorized by the American Recovery and Reinvestment Act of 2009 (ARRA). The CITY requires compliance with the Davis Bacon Act and adherence to the current U.S. Department of Labor Wage Decision. Not less than the minimum salaries and wages as set forth in the Contract Documents must be paid on this Project. The Wage Decision, including modifications, must be posted by the Contractor on the job site. A copy of the Federal Labor Standards Provisions is included and is hereby made a part of this Agreement. See Supplemental General Conditions for additional federal and state requirements as applicable to this Agreement. **[INCLUDE THIS PARAGRAPH ONLY IF THIS PROJECT WILL BE FUNDED PARTIALLY/FULLY BY CDBG FUNDS. IF IT IS, PLEASE FOLLOW THE CDBG TEMPLATE TABLE OF CONTENTS AND AS WELL AS INCLUDE THE SUPPLEMENTAL BID INFORMATION PAGE FROM SAID TEMPLATE]**

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT PRRCONTRACT@FORTLAUDERDALE.GOV, 954-828-5002, CITY CLERK'S OFFICE, 100 N. ANDREWS AVENUE, FORT LAUDERDALE, FLORIDA 33301.

Contractor shall:

1. Keep and maintain public records required by the City in order to perform the service.
2. Upon request from the City's custodian of public records, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes (2021), as may be amended or revised, 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 for the duration of the contract term and following completion of this Agreement if the Contractor does not transfer the records to the City.
4. Upon completion of the Agreement, transfer, at no cost, to the City all public records in possession of the Contractor or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City upon completion of this Agreement, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of this Agreement, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records, in a format that is compatible with the information technology systems of the City.

[THIS SPACE WAS INTENTIONALLY LEFT BLANK]

CITY

IN WITNESS OF THE FOREGOING, the Parties have set their hands and seals the day and year first written above.

CITY OF FORT LAUDERDALE, a Florida municipal corporation

By: _____
CHRISTOPHER J. LAGERBLOOM
City Manager

Date: _____

ATTEST:

By: _____
DAVID R. SOLOMAN
City Clerk

Approved as to Legal Form:
Alain E. Boileau, City Attorney

By: _____
RHONDA MONTOYA HASAN
Assistant City Attorney

CONTRACTOR

WITNESSES:

CONTRACTOR.,
a Florida company/corporation.

By: _____

Print Name: _____

Print Name

Title: _____

ATTEST:

Print Name

By: _____

Secretary

(CORPORATE SEAL)

STATE OF _____:

COUNTY OF _____:

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 2022, by _____, (NAME OF AUTHORIZED OFFICER), as _____ (TITLE OF AUTHORIZED OFFICER,) for _____ (NAME OF COMPANY), a Florida _____ (TYPE OF COMPANY).

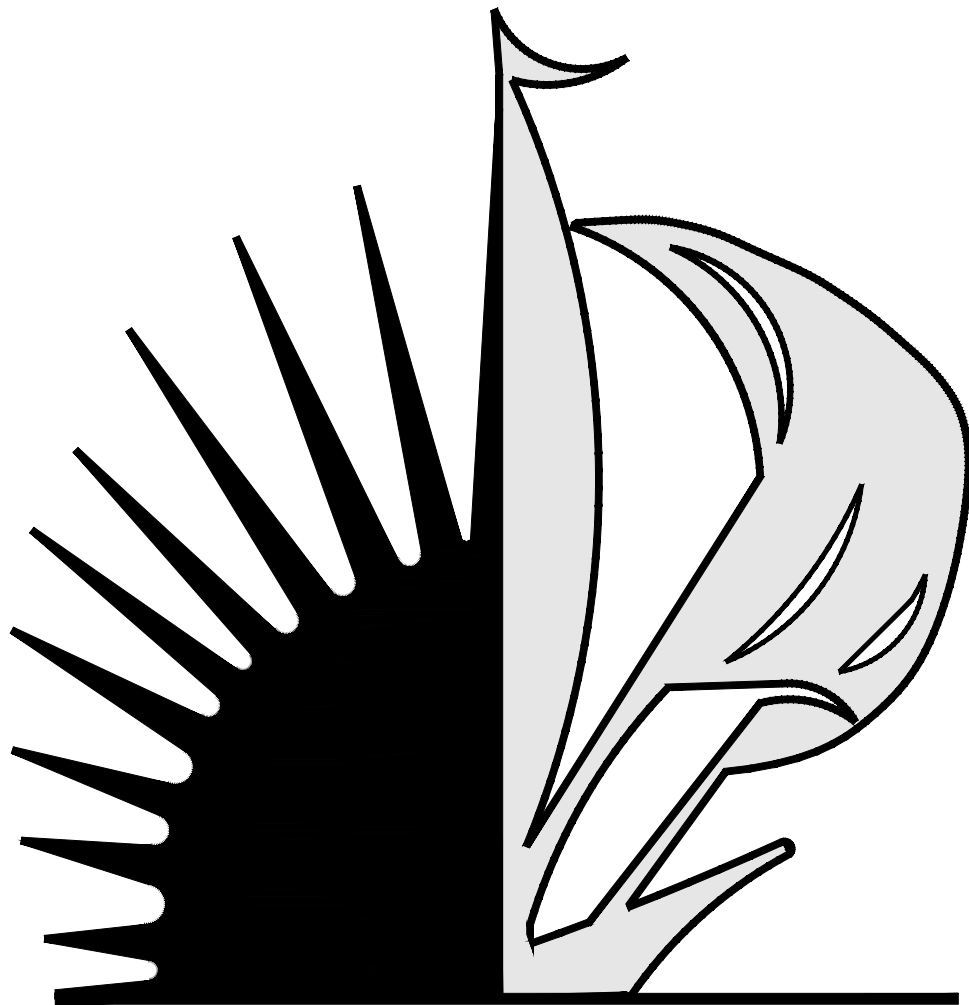
(Signature of Notary Public - State of Florida)

(Print, Type, or Stamp Commissioned Name of Notary Public)

Personally Known _____ OR Produced Identification _____
Type of Identification Produced: _____

GENERAL NOTES

1. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE & VERIFY ALL EXISTING UTILITY SERVICE LOCATIONS IN ALL AREAS INCLUDED IN THE SCOPE OF WORK PRIOR TO COMMENCING CONSTRUCTION.
2. ANY EXISTING ITEMS THAT ARE DISTURBED, DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW OR REPAIRED TO THE OWNERS SATISFACTION AND LIKE NEW CONDITION.
3. DO NOT DISTURB ANY STRUCTURAL COMPONENTS OF EXISTING BUILDING UNLESS SPECIFICALLY STATED ON PLANS, WITHOUT PRIOR WRITTEN APPROVAL BY ARCHITECT.
4. DO NOT DISTURB ANY EXISTING UTILITIES, UNLESS SPECIFICALLY STATED ON PLANS, WITHOUT PRIOR WRITTEN APPROVAL BY ARCHITECT.
5. EACH CONTRACTOR SHALL USE ALL POSSIBLE CARE TO PROTECT ALL EXISTING MATERIALS, SURFACES, AND FURNISHINGS FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.
6. ALL UNANTICIPATED AND UNFORSEEN DEMOLITION AND OR NEW CONSTRUCTION WHICH REQUIRES DEVIATION FROM THE PLANS AND NOTES HEREIN SHALL BE REPORTED TO THE ARCHITECT, IN WRITING, PRIOR TO COMMENCING SAID WORK.
7. ARCHITECT SHALL NOT BE LIABLE FOR PROBLEMS RELATING TO EXISTING CONDITIONS, NOTIFY ARCHITECT, IN WRITING, IMMEDIATELY IF PROBLEMS ARISE.
8. ALL NEW MATERIAL AND/OR PATCHWORK SHALL BE PROVIDED TO MATCH EXISTING MATERIALS AND /OR ADJOINING WORK WHERE PRACTICAL, EXCEPT AS SPECIFICALLY NOTED HEREIN.
9. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL FURNISH WRITTEN MATERIALS & WORKMANSHIP GUARANTEES FOR ALL TRADES FOR A MINIMUM OF ONE YEAR. DEFECTIVE MATERIALS OR WORKMANSHIP SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
10. GENERAL CONTRACTOR IS TO THOROUGHLY REVIEW ALL CONTRACT DOCUMENTS AND PROVIDE OVERVIEW TO ALL TRADES. ALL SUB-CONTRACTORS ARE TO REVIEW ALL DRAWING SHEETS - GENERAL CONTRACTOR TO PROVIDE COMPLETE SETS OF PLANS AND SPECIFICATIONS TO ALL SUB-CONTRACTORS FOR REVIEW PRIOR TO BID. ALL ITEMS SHOWN ON THE DRAWINGS ARE REQUIRED TO BE COMPLETELY INSTALLED. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED ITEMS WITH ALL SUB-CONTRACTORS AND THROUGHOUT ALL PHASES OF CONSTRUCTION.
11. ALL WORK SHALL BE DONE IN ACCORDANCE W/ ALL APPLICABLE NATIONAL, STATE & LOCAL CODES AND ORDINANCES. WORK SHALL BE DONE IN A WORKMAN LIKE MANNER AS PER STANDARD BUILDING TECHNIQUES AND PRACTICES.
12. CONTRACTOR IS RESPONSIBLE TO FILE, AND OBTAIN BUILDING DEPARTMENT PERMITS. PERMIT FEES SHALL BE REIMBURSED BY OWNER.
13. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SAFETY.
14. CONTRACTOR TO BE RESPONSIBLE FOR ALL HOISTING RELATED TO WORK IN THIS CONTRACT.
15. CONTRACTOR IS TO VISIT THE SITE AND CAREFULLY INSPECT THE EXISTING CONDITIONS AFFECTING THE WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS MUST BE REPORTED TO ARCHITECT IN WRITTING.
16. CONTRACTOR IS TO COORDINATE ALL CUTTING AND PATCHING FOR SERVICES AS CALLED FOR ON DRAWINGS.
17. CONTRACTOR IS TO CONTROL JOB CLEANING TO PREVENT DIRT, DEBRIS AND DUST FROM THE PREMISES BEING ALTERED. PROVIDE WOOD STUD WITH PLYWOOD AND PLASTIC MEMBRANE BARRIER BETWEEN EXISTING OCCUPIED AREAS AND THE WORK ZONES.
18. THE CITY MAY REQUIRE PERSONAL IDENTIFICATION INFORMATION TO PERFORM BACKGROUND CHECKS FOR ALL WORKERS. ALL WORKERS WHO FAIL THE BACKGROUND CHECK MUST BE REPLACED AND THE PROCESS REPEATED FOR THE NEW WORKERS. CONTRACTOR WILL NOT BE PAID ADDITIONAL COMPENSATION FOR THIS PROCESS.
19. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE TEMPORARY RESTROOM FACILITIES FOR ALL WORKERS.
20. CONTRACTOR SHALL PROVIDE TEMPORARY SITE PERIMETER, SECURITY FENCE DURING ALL PHASES OF CONSTRUCTION.



CITY OF FORT LAUDERDALE
COOLEY'S LANDING RENOVATIONS

450 SW 7TH AVENUE
FORT LAUDERDALE, FLORIDA
33312

SCOPE OF WORK

SCOPE OF WORK IS LIMITED TO A NON-STRUCTURAL INTERIOR REMODELING PROJECT WITH RECONFIGURATION OF SPACE AS FOLLOWS:

RELOCATION OF EXISTING WASHERS AND DRYERS

CONSTRUCTION OF TWO PRIVATE OFFICES WITH NON-BEARING PARTITIONS MADE OUT OF LIGHT GAUGE STUDS AND GYPSUM BOARD

200 SF OPEN AREA WITH MODULAR OFFICE FURNITURE

REPLACEMENT OF EXISTING INTERIOR DOORS

REPLACEMENT OF ALL FLOORING THROUGHOUT

RECONFIGURATION OF SPACE IN BOTH MEN AND WOMEN RESTROOMS TO COMPLY WITH THE FBC SEVENTH EDITION (2020) ACCESSIBILITY

REPLACEMENT OF ALL EXISTING PLUMBING FIXTURES

REPLACEMENT OF ALL EXISTING RESTROOM ACCESSORIES

REPLACEMENT OF EXISTING ACOUSTICAL CEILING GRID AND TILE

REPLACEMENT OF EXISTING CEILING LIGHTS

REPLACEMENT OF EXISTING A/C SUPPLY AND RETURN REGISTERS

BUILDING CODE INFORMATION

CLASSIFICATION OF WORK: ALTERATION - LEVEL III

BUILDING CODE: FLORIDA BUILDING CODE SEVENTH EDITION (2020) AND THE FLORIDA FIRE PREVENTION CODE SEVENTH EDITION (2020), INCLUDING NFPA 101 LIFE SAFETY CODE.

TYPE OF CONSTRUCTION: TYPE VB

BUILDING HEIGHT: 24'-0"

OCCUPANCY CLASSIFICATION: BUSINESS: (GROUP B)

WORK AREA: 1,400 SQFT

CONSTRUCTION TO COMPLY WITH THE FLORIDA BUILDING CODE SEVENTH EDITION (2020) AND FLORIDA FIRE PREVENTION CODE SEVENTH EDITION

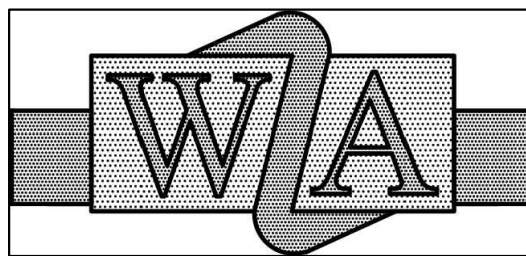
FORT LAUDERDALE CITY COMMISSION

DEAN J. TRANTALIS	MAYOR
JOHN C. HERBST	COMMISSIONER - DISTRICT I
STEVEN GLASSMAN	COMMISSIONER - DISTRICT II
PAMELA BEASLEY-PITTMAN	VICE MAYOR / COMMISSIONER - DISTRICT III
ROMNEY ROGERS	COMMISSIONER - DISTRICT IV



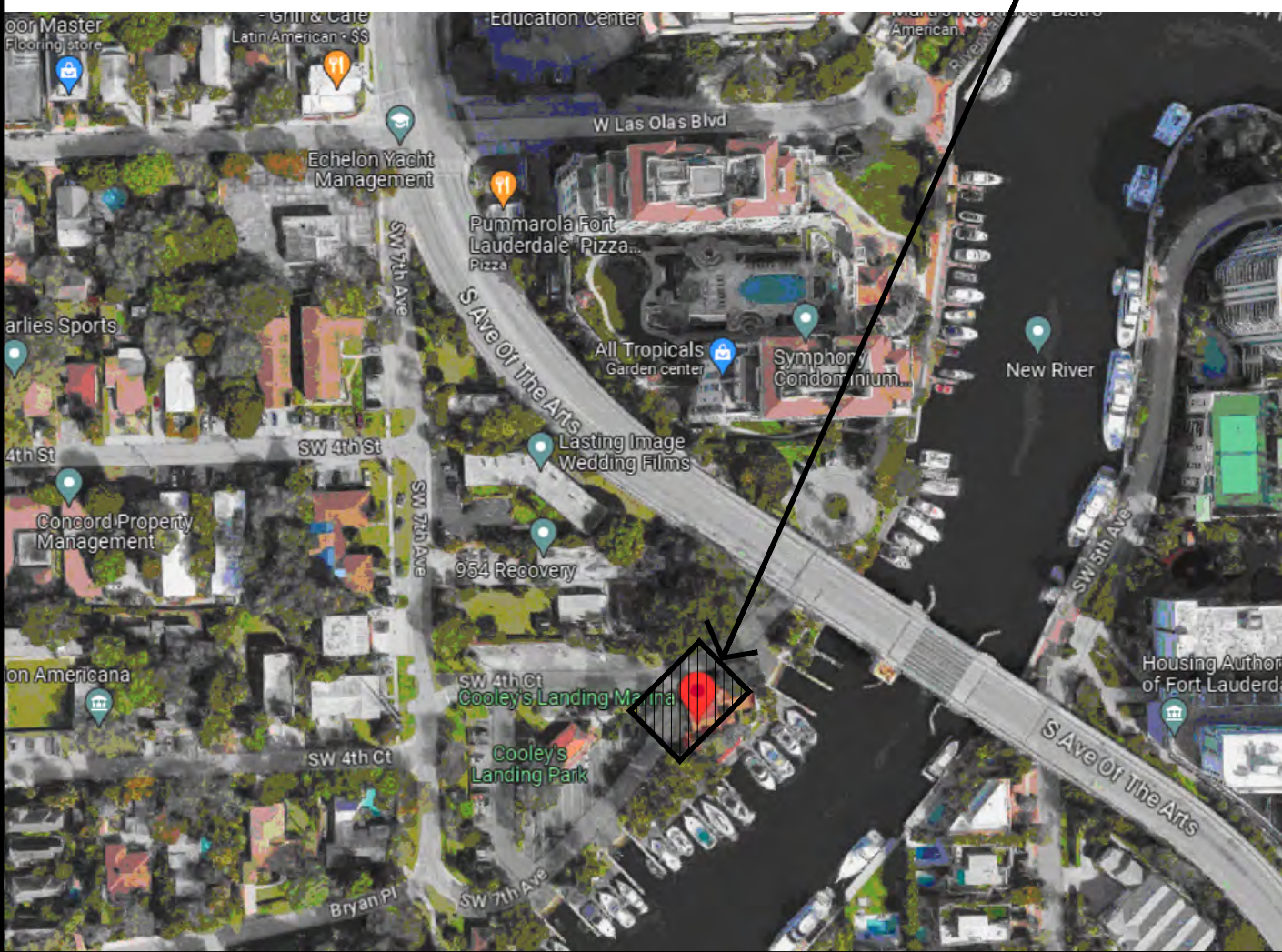
CITY OF FORT LAUDERDALE
PARKS AND RECREATION
ENGINEERING & ARCHITECTURE
4001 Northwest 62nd Street, Fort Lauderdale, Florida 33319

WALTERS
ZACKRIA
ARCHITECTS



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FAX: (954) 522-4128
www.wza-architects.com
ABBAS H. ZACKRIA
FL AR 91520

THIS PROJECT



LOCATION MAP

DRAWING INDEX

ARCHITECTURAL

A-0	COVER SHEET - SHEET INDEX
D-1	DEMOLITION PLAN
D-2	DEMOLITION CEILING PLAN
A-1	FLOOR PLAN, LEGEND, KEYNOTES
A-2	REFLECTED CEILING PLAN
A-3	INTERIOR ELEVATIONS, DETAILS
A-4	DETAILS
A-5	DOOR & ROOM FINISH SCHEDULES & KITCHENETTE ELEV.

MECHANICAL

M-1	MECHANICAL INDEX, SYMBOL LEGEND AND NOTES
M-2	MECHANICAL DEMOLITION PLAN
M-3	MECHANICAL PLAN

ELECTRICAL

E-1	ELECTRICAL INDEX, SYMBOL LEGEND AND NOTES
E-2	ELECTRICAL DEMOLITION PLAN
E-3	POWER PLAN
E-4	LIGHTING PLAN
E-5	ELECTRICAL RISER DIAGRAM AND PANEL SCHEDULES
EPH-1	PHOTOMETRICS PLAN
EPH-2	EMERGENCY PHOTOMETRICS PLAN

PLUMBING

P-1	PLUMBING INDEX, SYMBOL LEGEND AND NOTES
P-2	PLUMBING DEMOLITION PLAN
P-3	DOMESTIC WATER PLAN
P-4	SANITARY PLAN

DATE:	07-28-23
DRAWING FILE NAME:	COVER SHEET
DRAWING FILE No.:	A-0

PERMIT SET

ASBESTOS NOTIFICATION STATEMENT

CONTRACTOR SHALL INSPECT THE EXISTING FACILITIES FOR THE PRESENCE OF ASBESTOS AND PROVIDE A REPORT. A "STATEMENT OF RESPONSIBILITY REGARDING ASBESTOS" AND A "NOTICE OF DEMOLITION OR ASBESTOS RENOVATION" MUST BE SUBMITTED AT LEAST 10 WORKING DAYS BEFORE COMMENCING DEMOLITION WORK BY THE CONTRACTOR TO BROWARD COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION.

IF ASBESTOS IS FOUND, CONTRACTOR SHALL HIRE A TRAINED FLORIDA LICENSED ASBESTOS CONSULTANT AND SHALL FULLY COMPLY WITH ALL PROVISIONS OF SECTION 469.003 OF THE FLORIDA STATUTES

IF ASBESTOS IS FOUND, CONTRACTOR SHALL HIRE A TRAINED
FLORIDA LICENSED ASBESTOS CONSULTANT AND SHALL
FULLY COMPLY WITH ALL PROVISIONS OF SECTION 469.003 OF
THE FLORIDA STATUTES

DEMOLITION PERMIT

CONTRACTOR SHALL SECURE A DEMOLITION PERMIT WITH THE BUILDING DEPARTMENT WHICH WILL BE VALID FOR AT LEAST SIXTY (60) DAYS AFTER ISSUANCE

CONTRACTOR SHALL SECURE A DEMOLITION PERMIT WITH THE BUILDING DEPARTMENT WHICH WILL BE VALID FOR AT LEAST SIXTY (60) DAYS AFTER ISSUANCE

DEMOLITION WORK HOURS

ALL DEMOLITION WORK SHALL BE SCHEDULED TO BE PERFORMED ON WEEK DAYS BETWEEN 7:30 AM AND 5:00 PM

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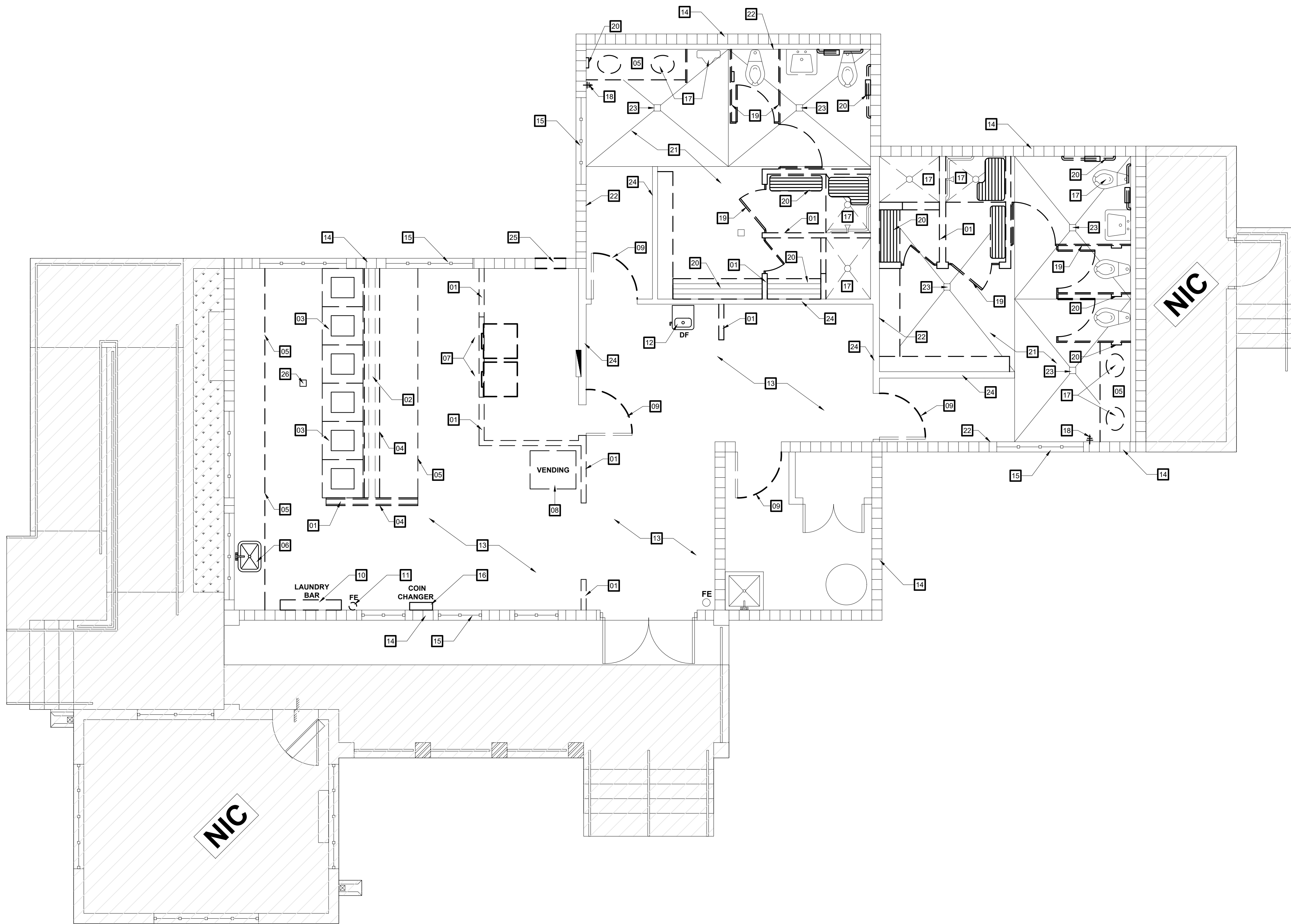
DEMOLITION GENERAL NOTES	
1. PRIOR TO START ANY DEMOLITION WORK, THE CONTRACTOR MUST HAVE ALL PERSONNEL WORKING IN THIS PROJECT FAMILIARIZE THEMSELVES WITH THE EXISTING PREMISES AS WELL AS ALL EXISTING CONDITIONS.	9. ALL WORK SHALL BE COORDINATED WITH CITY OF FORT LAUDERDALE STAFF TO CREATE THE LEAST AMOUNT OF DISRUPTION DURING DEMOLITION. CONTRACTOR SHALL KEEP PREMISES CLEAN AND SHALL REGULARLY Haul AWAY DEBRIS FROM SITE. ADJACENT MARINA SHALL BE FULLY OPERATIONAL DURING ENTIRE DEMOLITION AND CONSTRUCTION WORK.
2. CONTRACTOR SHALL MAKE SURE ALL SAFETY CONDITIONS PER OSHA AND ALL STATE AND LOCAL REGULATIONS RELATING TO DEMOLITION ARE MET.	10. CONTRACTOR SHALL HAVE WATER AVAILABLE ONSITE TO MINIMIZE THE SPREAD OF DUST OR OTHER MATERIALS.
3. CONTRACTOR SHALL PATCH, REPAIR TO AS NEW CONDITION, OR REPLACE ANY DAMAGE, INTENTIONAL OR ACCIDENTAL, CAUSED BY CONSTRUCTION WORK OR WORKERS TO ANY ELEMENTS, LANDSCAPE AREAS, POLES, STRUCTURES, PAVEMENT, EQUIPMENT, UTILITY LINES, ETC. WITHIN OR OUTSIDE THE LIMITS OF CONSTRUCTION (TYP.)	11. CONTRACTOR SHALL PROTECT ALL EXISTING TREES DURING DEMOLITION AND CONSTRUCTION WORK. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE WITH SIMILAR ANY DAMAGED TREES.
4. COORDINATE STAGING AREA WITH CITY AND PROVIDE A SINGLE LINE PLAN SHOWING ITS LOCATION FOR APPROVAL.	12. CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PROTECT THE GENERAL PUBLIC AND TO MAINTAIN OPEN PEDESTRIAN TRAFFIC TO ADJACENT MARINA AT ALL TIMES AS REQUIRED BY THE CITY OF FORT LAUDERDALE.
5. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL UTILITIES SERVICING THE BUILDING.	13. CONTRACTOR SHALL PROVIDE ALL NECESSARY SIGNAGE TO WARN THE GENERAL PUBLIC WHERE CONSTRUCTION IS TAKING PLACE AND TO STAY AWAY FROM THESE AREAS.
7. WATER AND SEWER UTILITY LINES SHALL BE CAPPED, SHUT OFF, OR OTHERWISE CONTROLLED BEFORE DEMOLITION WORK IS TO START.	14. IF PROVIDING AN OUTDOOR STAGING AREA TO STORE MATERIALS, ETC. CONTRACTOR SHALL ENCLOSE THE AREA WITH A TEMPORARY FENCE AND SILT FENCE FOR THE DURATION OF THE PROJECT. REFER TO DETAIL 2D-1. COORDINATE WITH CITY STAFF LOCATION OF STAGING AREA. CONTRACTOR SHALL APPLY FOR ALL REQUIRED PERMITS.
8. IF NECESSARY CONTRACTOR MAY HIRE A UTILITY LOCATION COMPANY TO MARK LOCATIONS OF EXISTING UNDERGROUND UTILITIES OUTSIDE THE BUILDING. MARKINGS TO BE DONE USING PAINT AND FLAGS. CONTRACTOR SHALL PROTECT EXISTING UTILITIES OUTSIDE THE DEMOLITION SCOPE.	

- | | | | |
|----|---|-----|--|
| 1. | PRIOR TO START ANY DEMOLITION WORK, THE CONTRACTOR MUST HAVE ALL PERSONNEL WORKING IN THIS PROJECT FAMILIARIZE THEMSELVES WITH THE EXISTING PREMISES AS WELL AS ALL EXISTING CONDITIONS. | 9. | ALL WORK SHALL BE COORDINATED WITH CITY OF FORT LAUDERDALE STAFF TO CREATE THE LEAST AMOUNT OF DISRUPTION DURING DEMOLITION. CONTRACTOR SHALL KEEP PREMISES CLEAN AND SHALL REGULARLY Haul AWAY DEBRIS FROM SITE. ADJACENT MARINA SHALL BE FULLY OPERATIONAL DURING ENTIRE DEMOLITION AND CONSTRUCTION WORK. |
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SCALE: NTS

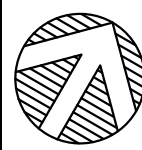
SCALE: NTS

SCALE: NTS




01	EXISTING INTERIOR PARTITION TO BE COMPLETELY REMOVED	16	EXISTING COIN CHANGING MACHINE TO BE RELOCATED. PROTECT DURING CONSTRUCTION
02	EXISTING PLUMBING CHASE WALL UNDER COUNTER TO BE REMOVED. CAP AND SHUT OFF PLUMBING LINES. SEE MECHANICAL DRAWINGS	17	REMOVE ALL EXISTING PLUMBING FIXTURES FROM MEN'S AND WOMEN'S RESTROOM. PLUMBING CONTRACTOR TO SHUT OFF, CAP AND PROTECT THE EXISTING DOMESTIC WATER & SANITARY SEWER LINES PRIOR TO DEMOLITION (TYP.).
03	ALL EXISTING WASHING MACHINES TO BE REMOVED. REMOVE ELECTRICAL OUTLETS, CONDUIT AND WIRING. RELOCATE CIRCUITS TO NEW WASHING MACHINES LOCATION AS PER ELECTRICAL DRAWINGS	18	REMOVE EXISTING WATER HOSE AND PREPARE WALL OPENING TO RECEIVE NEW RECESSED WALL HYDRANT. CAP AND PROTECT WATER LINE
04	EXISTING PLASTIC LAMINATE COUNTER @ 48" AFF TO BE REMOVED	19	REMOVE ALL EXISTING TOILET PARTITIONS FROM BOTH RESTROOMS (TYP.)
05	EXISTING PLASTIC LAMINATE COUNTER TO BE REMOVED	20	REMOVE ALL EXISTING RESTROOM ACCESSORIES THROUGHOUT BOTH RESTROOMS INCLUDING, BUT NOT LIMITED TO, TOILET PAPER DISPENSERS, SANITARY NAPKIN DISPOSALS, MIRRORS, GRAB BARS, SOAP DISPENSERS, BENCHES, ETC. (TYP.)
06	EXISTING COUNTER MOUNTED SINK TO BE REMOVED. CAP AND SHUT OFF PLUMBING LINES. SEE MECHANICAL DRAWINGS	21	COMPLETELY REMOVE EXISTING FLOOR TILE THROUGHOUT BOTH RESTROOMS WITHOUT DAMAGING THE EXISTING CONCRETE SLAB. PATCH AND REPAIR ANY ACCIDENTAL DAMAGE DONE TO THE SLAB
07	EXISTING CLOTHES DRYERS TO BE REMOVED. REMOVE ELECTRICAL OUTLETS, CONDUIT AND WIRING. RELOCATE CIRCUITS TO NEW DRYER LOCATION AS PER ELECTRICAL DRAWINGS	22	COMPLETELY REMOVE ALL EXISTING WALL TILE FROM ALL WALLS IN MEN'S AND WOMEN'S RESTROOM. CONTRACTOR SHALL THOROUGHLY CHECK EXISTING DUROCK. IT MAY REMAIN IF IN GOOD CONDITION; HOWEVER, ANY EXISTING DAMAGE PIECE IS TO BE REMOVED AND REPLACED. TYPICAL
08	EXISTING VENDING MACHINE TO BE RELOCATED. PROTECT DURING CONSTRUCTION. RELOCATE ELECTRICAL CIRCUIT TO NEW LOCATION AS PER ELECTRICAL DRAWINGS	23	EXISTING FLOOR DRAIN COVER TO BE REMOVED. EXISTING SANITARY LINE TO REMAIN. CAP AND PROTECT DURING CONSTRUCTION
09	EXISTING SOLID CORE WOOD DOOR AND METAL FRAME TO BE REMOVED	24	EXISTING INTERIOR PARTITION TO REMAIN. PROTECT DURING CONSTRUCTION
10	EXISTING LAUNDRY SOAP VENDING MACHINE TO BE RELOCATED. PROTECT DURING CONSTRUCTION	25	EXISTING LOUVER TO BE REMOVED AND OPENING TO BE INFILLED
11	EXISTING FIRE EXTINGUISHER TO BE RELOCATED. PROTECT DURING CONSTRUCTION	26	EXISTING FLOOR DRAIN TO BE REMOVED, CAP AS REQUIRED
12	EXISTING DRINKING FOUNTAIN TO BE REMOVED		
13	EXISTING VINYL TILE FLOORING TO BE REMOVED AT LAUNDRY AREA AND ENTRY HALL LOBBY		
14	EXISTING EXTERIOR CMU WALL TO REMAIN. PROTECT DURING CONSTRUCTION		
15	ALL EXISTING EXTERIOR WINDOWS SHALL REMAIN. CONTRACTOR TO PROTECT THEM DURING CONSTRUCTION (TYPICAL)		

NORTH



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



**WALTERS
ZACKRIA**
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CORPORATE NAME: WALTERS ZACK
ASSOCIATES, PLLC REGISTERED IN THE
STATE OF FLORIDA. WRITING
DIMENSIONS TAKE PRECEDENCE OVER
SCALED DIMENSIONS. THESE DRAWINGS
ARE THE PROPERTY OF WALTERS
ZACKRIA ASSOCIATES, PLLC, AND SHALL
NOT BE REPRODUCED WITHOUT WRITTEN
PERMISSION FROM A PRINCIPAL OF THE
FIRM OR BE LIABLE FOR THE FULL
LEGAL RECOURSE. CONTRACTOR SHALL
VERIFY ALL EXISTING CONDITIONS AND
DIMENSIONS AND NOTIFY THE
ARCHITECT OF ANY DISCREPANCIES
PRIOR TO EXECUTION OF WORK.

**CITY OF FORT LAUDERDALE
COOLEY'S LANDING
RENOVATIONS
450 SW 7TH AVENUE
FORT LAUDERDALE, FL 33312**

DRAWN BY: OI
CHECKED BY: A
DATE: 07/28/202

REVISIONS:

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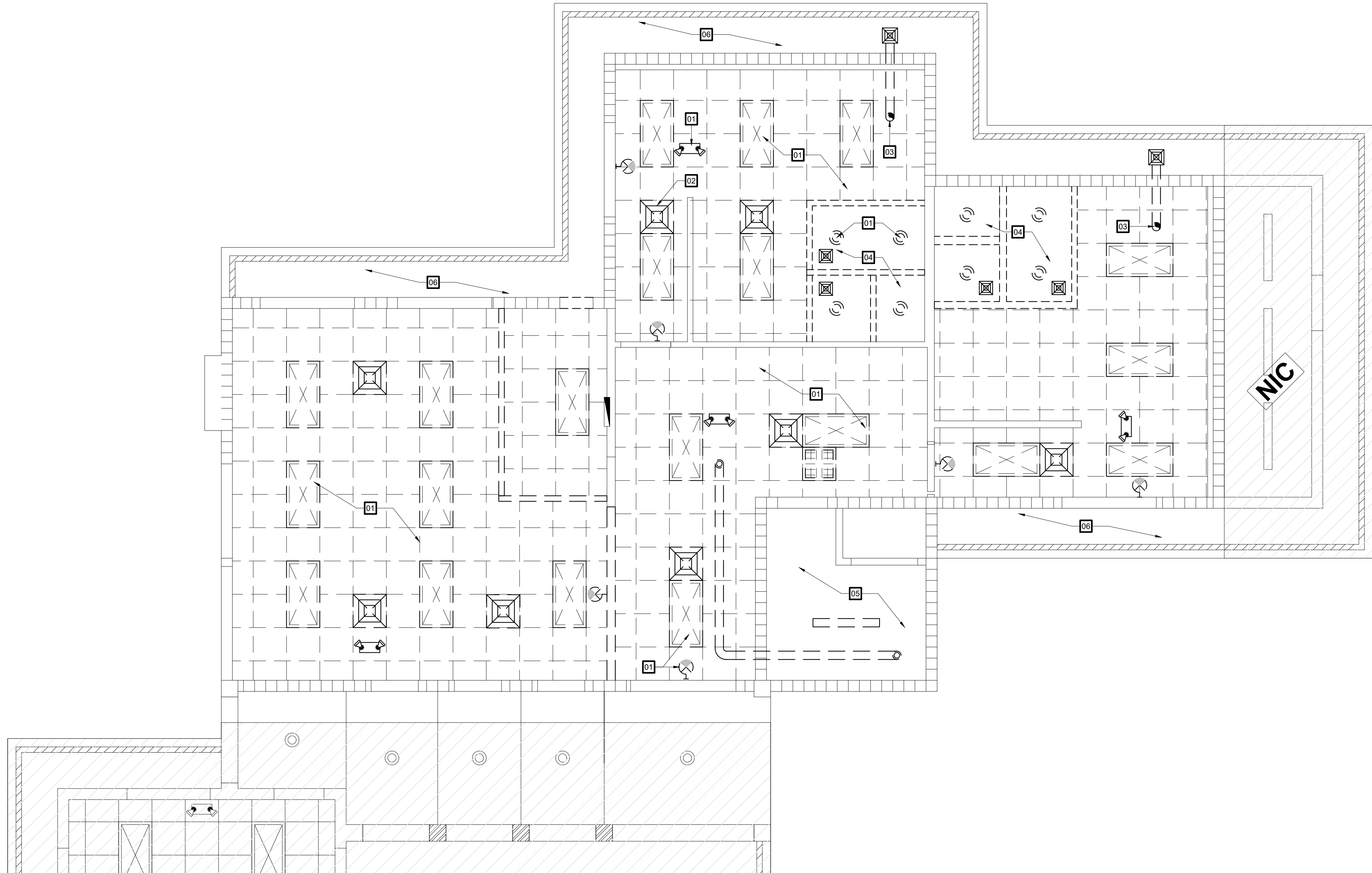
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SHEET

D-1

DEMOLITION
PLAN

CAM #23-1060
Exhibit 1
Page 71 of 92

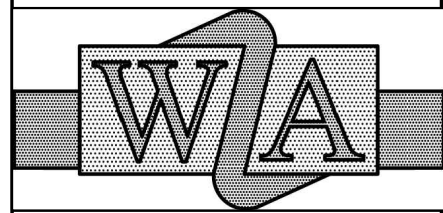


DEMOLITION KEYNOTES	
01	REMOVE ALL EXISTING LIGHT FIXTURES, ACOUSTICAL CEILING TILE AND GRID
02	REMOVE ALL EXISTING AIR CONDITIONING DIFFUSERS INCLUDING SUPPLY AND RETURN REGISTERS
03	REMOVE EXISTING EXHAUST FAN COVERS FROM BOTH RESTROOMS
04	REMOVE EXISTING GYPSUM BOARD CEILING AT SHOWERS. TYPICAL BOTH BATHROOMS
05	EXISTING CEILING TO REMAIN AT MECHANICAL ROOM. PROTECT DURING CONSTRUCTION
06	EXISTING EXTERIOR SOFFIT TO REMAIN. PROTECT DURING CONSTRUCTION



1 DEMOLITION CEILING PLAN

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



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**CITY OF FORT LAUDERDALE
COOLEY'S LANDING
RENOVATIONS
450 SW 7TH AVENUE
FORT LAUDERDALE, FL 33312**

DRAWN BY: OM
CHECKED BY: AZ
DATE: 07/28/2023

REVISIONS:

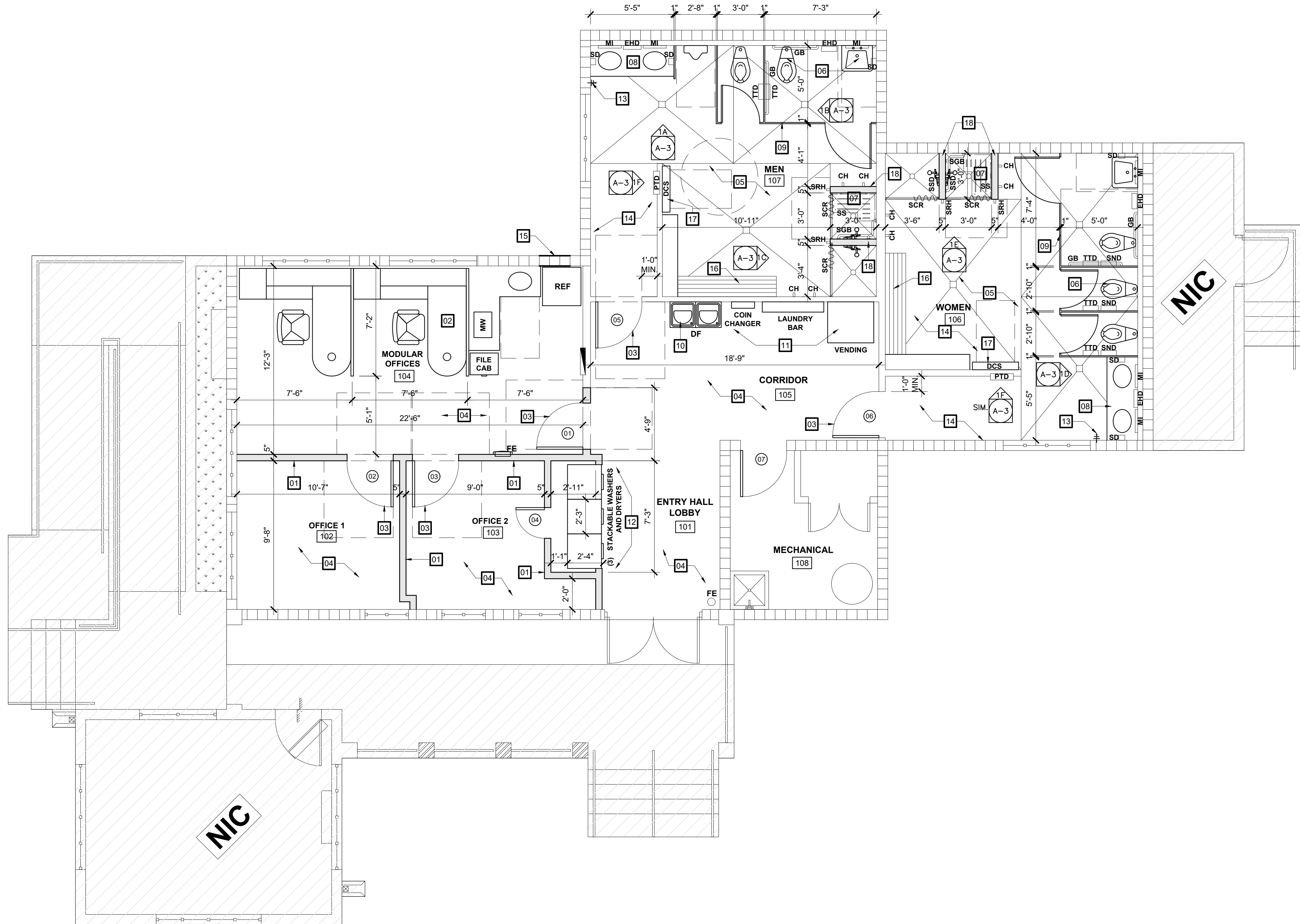


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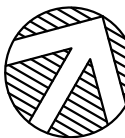
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D-2

DEMOLITION
CEILING PLAN



NORTH



NEW FLOOR PLAN

WORK AREA: 1,400 SQ FT

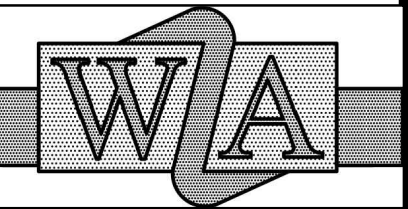
SCALE: 1/4" = 1'-0"

KEYNOTES

- NEW FRAME WALL WITH G-90 GALVANIZED 3-5/8" 20 GAUGE METAL STUDS @ 16" O.C. SEE DETAIL 9/A-4
- NEW MODULAR OFFICES. TYPICAL OF (3)
- SOLID CORE WOOD DOOR. SEE DOOR SCHEDULE ON SHEET A-5
- NEW LVT FLOORING AT OFFICE AND ENTRY LOBBY HALL AREA
- NEW RESTROOM LAYOUT COMPLYING WITH CURRENT FLORIDA BUILDING CODE, ACCESSIBILITY
- NEW PLUMBING FIXTURES THROUGHOUT BOTH RESTROOMS. TYPICAL
- 36"x36" ACCESSIBLE TRANSFER TYPE SHOWER
- NEW SOLID SURFACE COUNTERTOP
- NEW SOLID PLASTIC TOILET PARTITIONS. SEE RESTROOM INTERIOR ELEVATIONS
- NEW HI-LO DRINKING FOUNTAIN WITH BOTTLE FILLER. SEE DETAIL 7/A-4 AND MEP DRAWINGS
- RELOCATED LAUNDRY BAR DISPENSER AND COIN CHANGING MACHINE
- PROVIDE (3) NEW STACKABLE WASHER/DRYER COMBO
- NEW RECESSED WALL HYDRANT. SEE PLUMBING DRAWINGS
- NEW PORCELAIN FLOOR AND WALL TILE. SEE ROOM FINISH SCHEDULE/LEGEND ON SHEET A-5
- INFILL OPENING WHERE LOUVER WAS REMOVED. INSTALL 8" CMU WITH HORIZONTAL JOINT REINFORCING AT EVERY COURSE. INSTALL BRICK TIES AT EVERY COURSE SECURED W/ 1/4"x3 ELCO CRETE-FLEX ANCHORS. TOOL PERIMETER JOINT AND SEAL WITH TREMCO DYMONIC 100 URETHANE SEALANT. STUCCO FINISH TO MATCH EXISTING ADJACENT AREAS
- RESTROOM ADA BENCH. SEE DETAIL 6/A-4
- DIAPER CHANGING STATION. SEE TOILET ACCESSORIES SCHEDULE SHEET A-3 AND DETAIL 4/A-3
- METAL STUD SHOWER WALLS. SEE DETAIL 10/A-4

LEGEND

- | | |
|--|---|
| | NEW 3-5/8" G90 GALVANIZED METAL STUD INTERIOR PARTITION |
| | EXISTING 8" CMU WALL TO REMAIN |
| | EXISTING INTERIOR PARTITION WALL TO REMAIN |
| | NEW INTERIOR WOOD DOOR |
| | EXISTING INTERIOR DOOR TO REMAIN |
| | NEW HI-LO DRINKING FOUNTAIN. SEE DETAIL 7/A-4 |
| | NEW DOOR TAG. SEE DOOR SCHEDULE SHEET A-5 |
| | ROOM NUMBER TAG. SEE ROOM FINISH SCHEDULE SHEET A-5 |
| | SEMI-RECESSED FIRE EXTINGUISHER. SEE DETAIL 8/A-4 |



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2302

SHEET

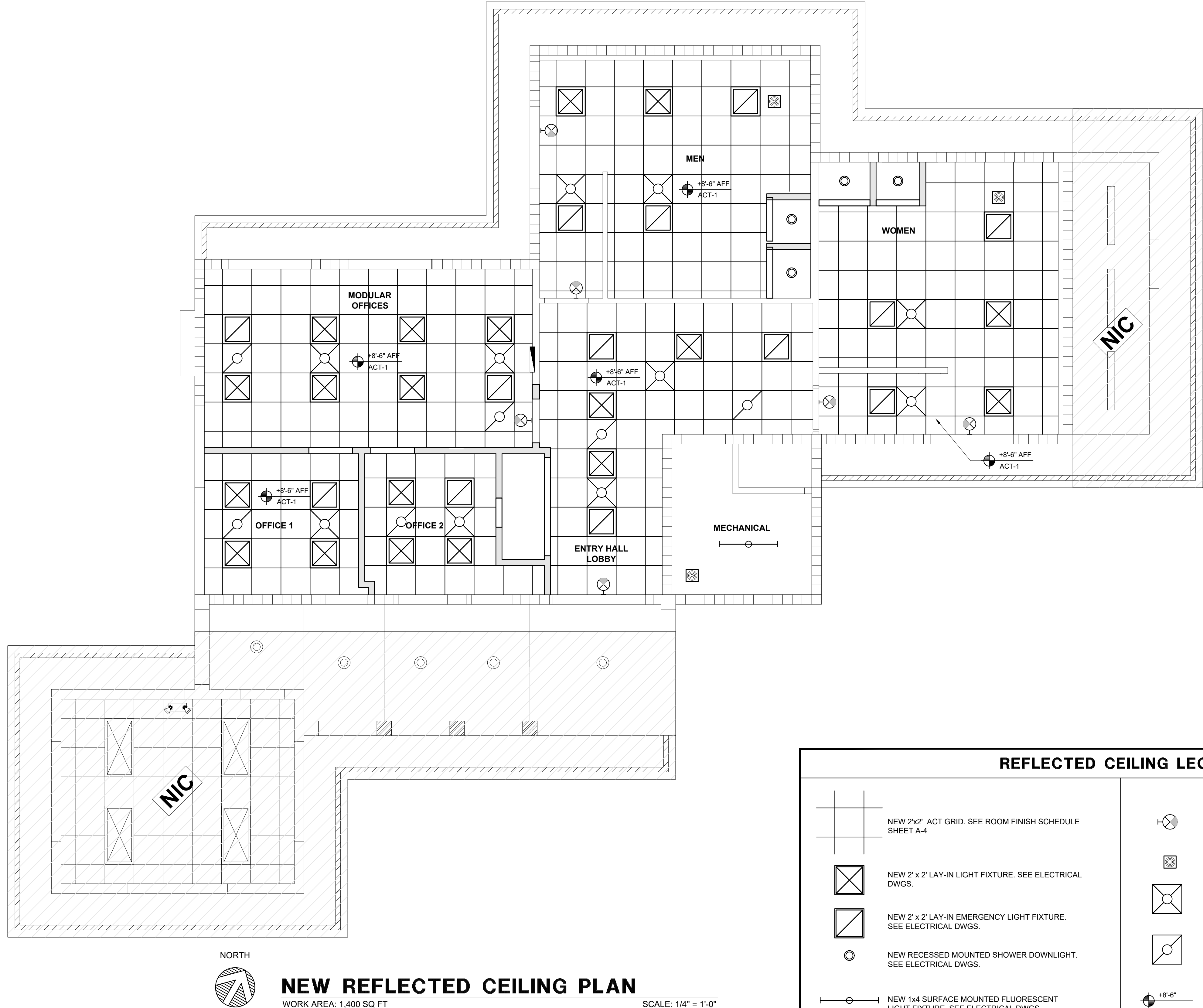
A-1

NEW FLOOR
PLAN

1

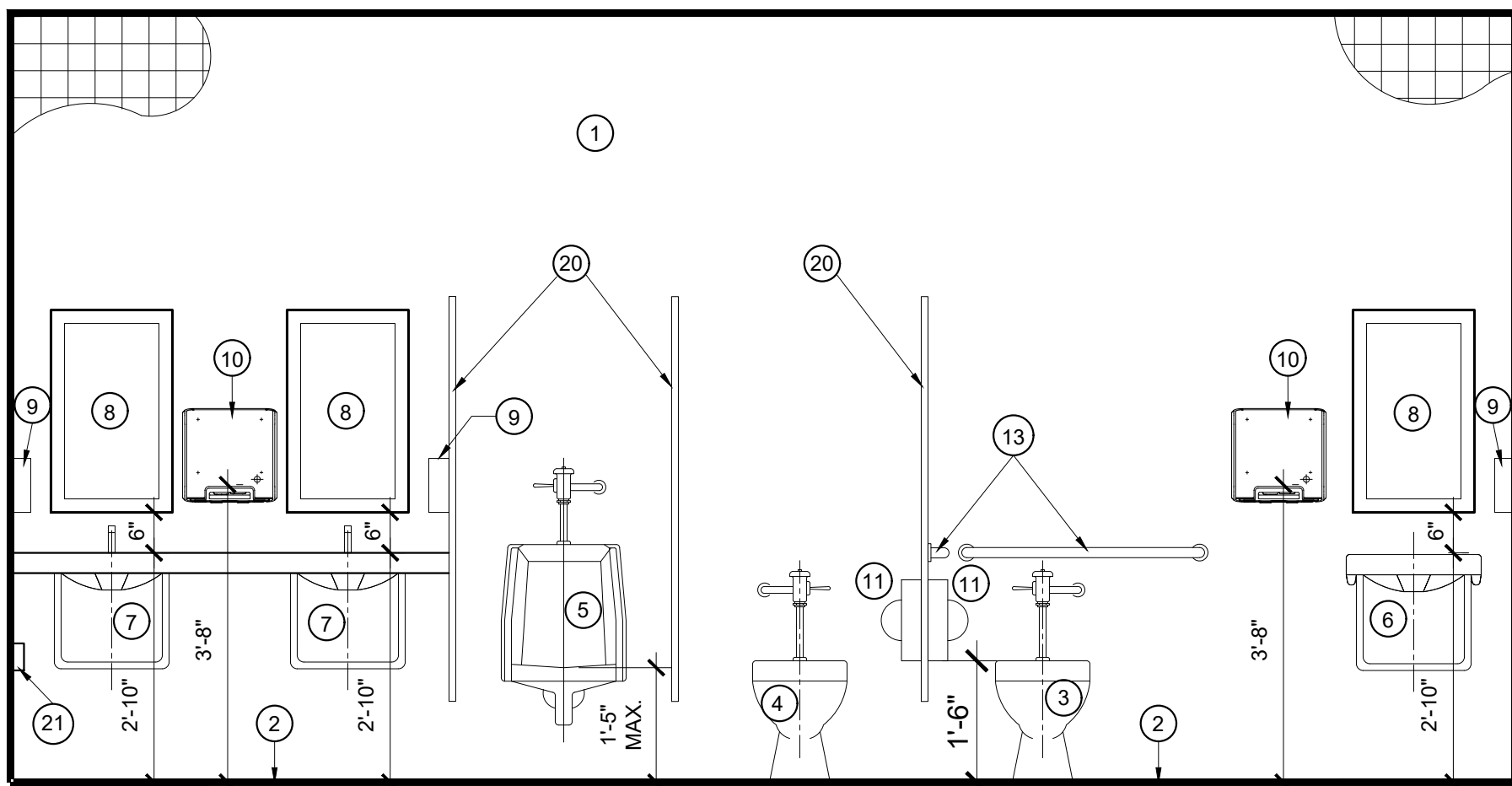
NEW FLOOR PLAN

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

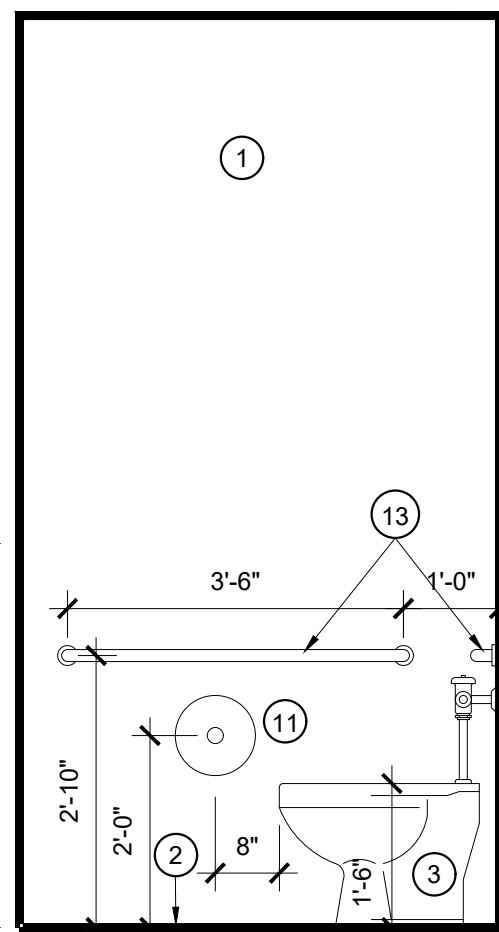


REFLECTED CEILING LEGEND		SEE ELEC. DWGS. FOR CIRCUITING	
	NEW 2'x2' ACT GRID. SEE ROOM FINISH SCHEDULE SHEET A-4		NEW WALL MOUNTED EXIT LIGHT FIXTURE. SEE ELECTRICAL DWGS.
	NEW 2' x 2' LAY-IN LIGHT FIXTURE. SEE ELECTRICAL DWGS.		EXHAUST FAN. SEE MECHANICAL DWGS.
	NEW 2' x 2' LAY-IN EMERGENCY LIGHT FIXTURE. SEE ELECTRICAL DWGS.		NEW AIR CONDITIONING SUPPLY REGISTER. SEE MECHANICAL DWGS.
	NEW RECESSED MOUNTED SHOWER DOWNLIGHT. SEE ELECTRICAL DWGS.		NEW AIR CONDITIONING RETURN REGISTER. SEE MECHANICAL DWGS.
	NEW 1x4 SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE. SEE ELECTRICAL DWGS.		*8'-6" CEILING ELEVATION IN RELATION TO FINISHED FLOOR (0'-0")

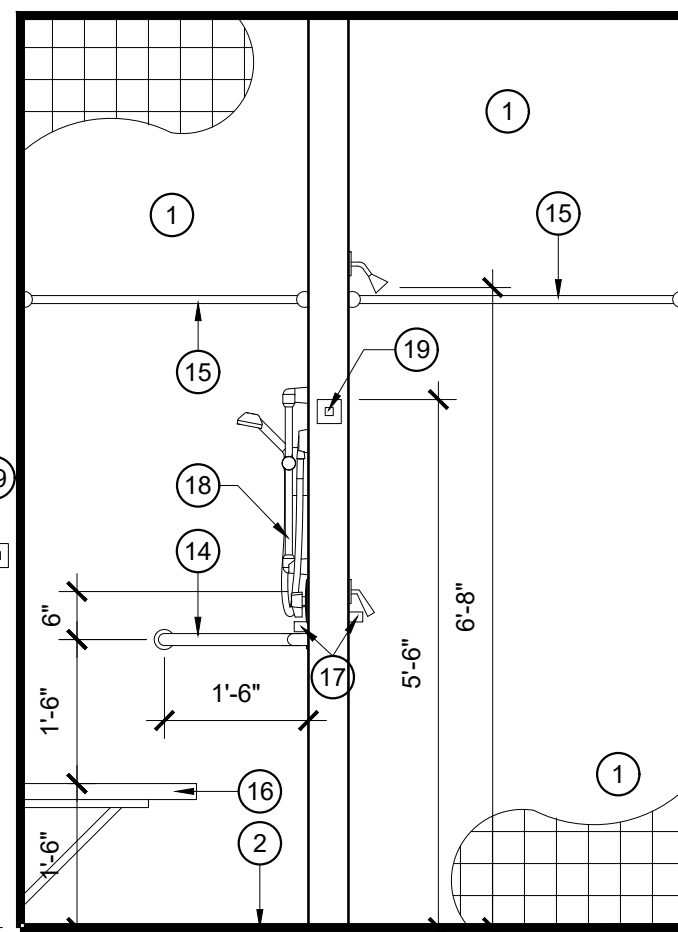
CEILING NOTES
<ul style="list-style-type: none">PROVIDE NEW GYPSUM BOARD CEILINGS ON METAL FRAMING AT SHOWERS: 5/8" MOISTURE RESISTANT GYP. BD. ON 20 GA. 3-5/8" 1-5/8" FLANGE G-90 STRUCTURAL HORIZONTAL MEMBERS @ 16" O.C. SECURE GYP. BD. WITH 1-1/8" SCREWS TYPE S-12 BUGLE HEAD @ 8" O.C. THROUGHOUT. PROVIDE WIRE TIES AT MID-SPAN OF STUDS. SECURE 3-5/8" 20 GA. STRUCTURAL METAL TRACK AROUND ROOM. TRACK TO RECEIVE HORIZONTAL MEMBERS IN ONE DIRECTION AND AS LEDGER FOR GYP. BD. ON OPPOSITE SIDES. TRACK ON CBS WALL TO BE SECURED WITH POWDER ACTUATED HILTI PINS @ 12" O.C. STAGGEREDPATCH AND REPAIR ALL ADJACENT EXISTING AREAS AFFECTED BY CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, CEILINGS, WALLS, FLOORS, DOORS. TYPICALSEE ELECTRICAL DRAWINGS FOR LIGHTING SPECIFICATIONSSEE MECHANICAL DRAWINGS FOR DIFFUSER SPECIFICATIONS



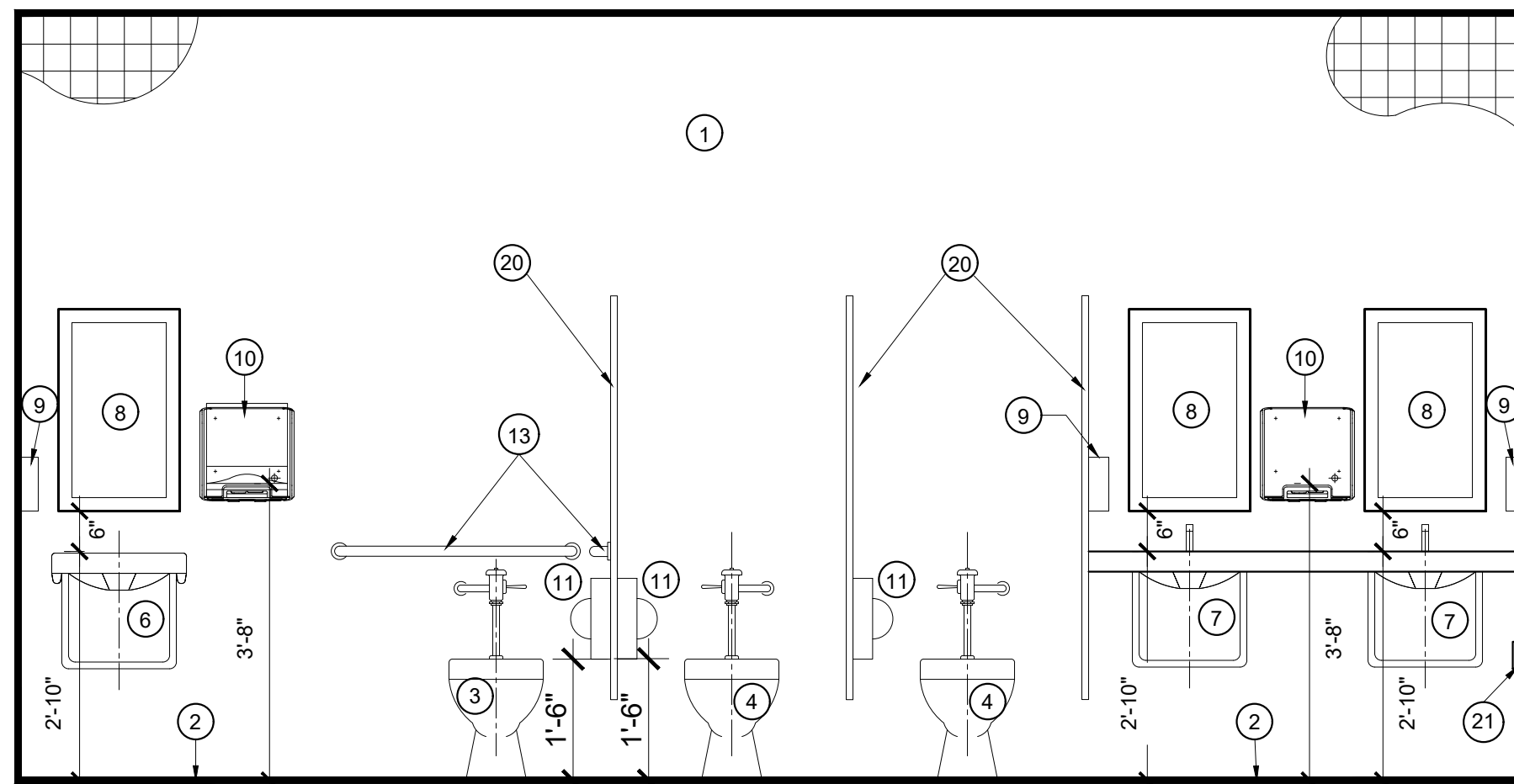
A MEN'S RESTROOM



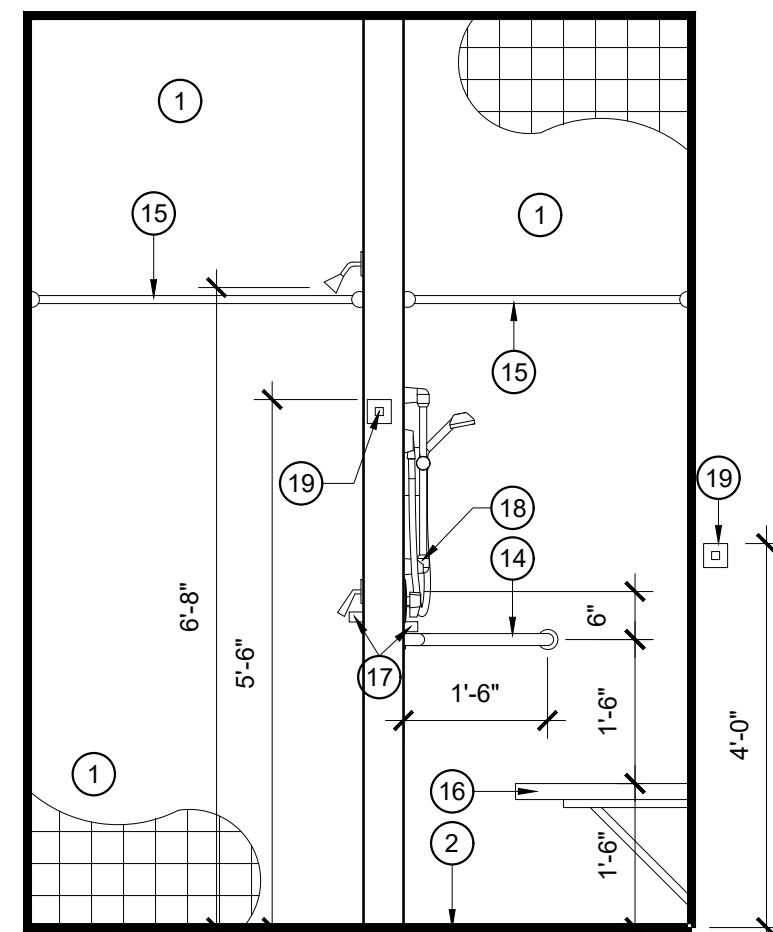
B MEN'S RESTROOM



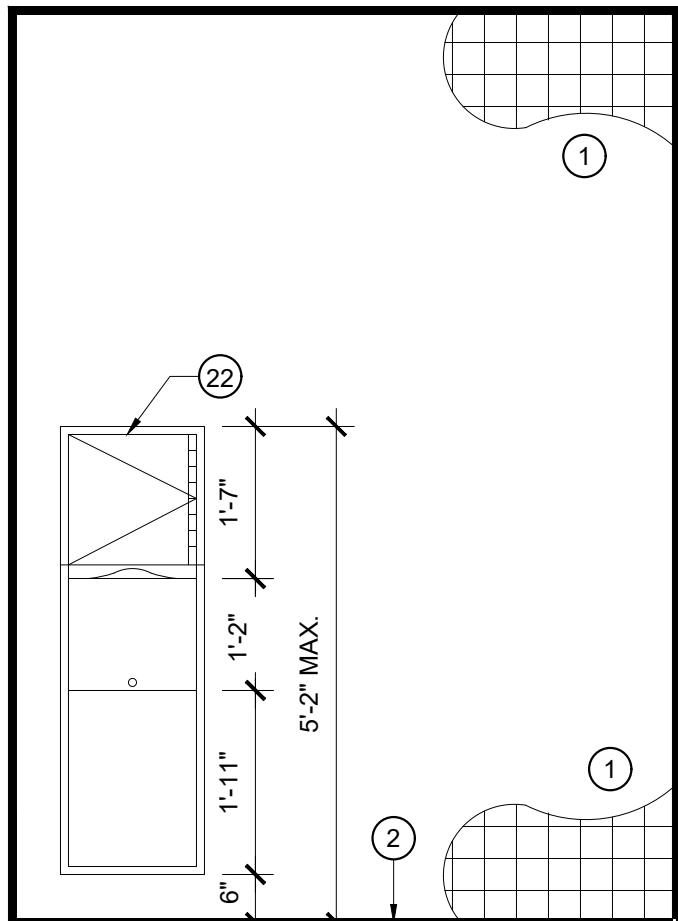
C MEN'S SHOWERS



D WOMEN'S RESTROOM



E WOMEN'S SHOWERS



F MEN AND WOMEN'S RESTROOMS

MATERIALS LEGEND

- | | |
|--|--|
| 1 PORCELAIN TILE FROM FLOOR TO CEILING. TYPICAL AT BOTH RESTROOMS AND SHOWERS | 13 GRAB BARS. SEE TOILET ACCESSORIES SCHEDULE (GB) |
| 2 PORCELAIN TILE THROUGHOUT BOTH RESTROOM FLOORS. TYPICAL | 14 SHOWER GRAB BARS. SEE TOILET ACCESSORY SCHEDULE (SGB) |
| 3 HANDICAPPED WATER CLOSET. ALL FLUSH CONTROLS SHALL BE ON THE OPEN SIDE OF THE WATER CLOSET AS PER SECTION 604.6 FBC SEVENTH EDITION (2020) ACCESSIBILITY | 15 SHOWER CURTAIN ROD. SEE TOILET ACCESSORY SCHEDULE (SCR) |
| 4 WATER CLOSET. SEE PLUMBING PLANS | 16 SHOWER SEAT. SEE TOILET ACCESSORY SCHEDULE (SS) |
| 5 WALL MOUNTED HANDICAPPED URINAL. SEE PLUMBING PLANS | 17 SHOWER SOAP DISH. SEE TOILET ACCESSORY SCHEDULE (SSD) |
| 6 WALL HUNG ADA LAVATORY. SEE DET. 2/A-3 | 18 WALL MOUNTED ACCESSIBLE SHOWER HANDLE. SEE PLUMBING PLANS |
| 7 COUNTER MOUNTED LAVATORY. SEE DET. 3/A-3 | 19 SHOWER ROBE HOOK. SEE TOILET ACCESSORY SCHEDULE (SRH) |
| 8 MIRROR. SEE TOILET ACCESSORIES SCHEDULE (MI) | 20 HDPE SOLID PLASTIC TOILET PARTITIONS BY SCRANTON PRODUCTS. HINY HIDERS |
| 9 SOAP DISPENSER. SEE TOILET ACCESSORIES SCHEDULE (SD) | 21 RECESSED WALL HYDRANT IN LOCKABLE BOX W/ VACUUM BREAKER |
| 10 ELECTRIC HAND DRYER. SEE TOILET ACCESSORIES SCHEDULE (EHD) | 22 PAPER TOWEL DISPENSER AND WASTE RECEPTACLE. SEE TOILET ACCESSORIES SCHEDULE (PTD) |
| 11 TOILET TISSUE DISPENSER. LOCATE CENTER LINE OF DISPENSER 8" IN FRONT OF THE WATER CLOSET. COMPLY WITH 604.7 FBC SEVENTH EDITION (2020) ACCESSIBILITYSEE TOILET ACCESSORY SCHEDULE (TTD) | 23 DIAPER CHANGING STATION. SEE FLOOR PLAN A-1 FOR LOCATION, TOILET ACCESSORY SCHEDULE (DCS), AND DETAIL 4/A-3 |
| 12 FEMININE NAPKIN DISPOSAL (NOT SEE IN INTERIOR ELE VATIONS). SEE FLOOR PLAN A-1. PLACE ONE ADJACENT TO EVERY WOMAN'S WATER CLOSET. SEE TOILET ACCESSORY SCHEDULE (SND) | |

REFER TO FLOOR PLAN ON SHEET A-1 FOR LOCATION OF RESTROOM ACCESSORIES. TYPICAL

TOILET ACCESSORIES SCHEDULE

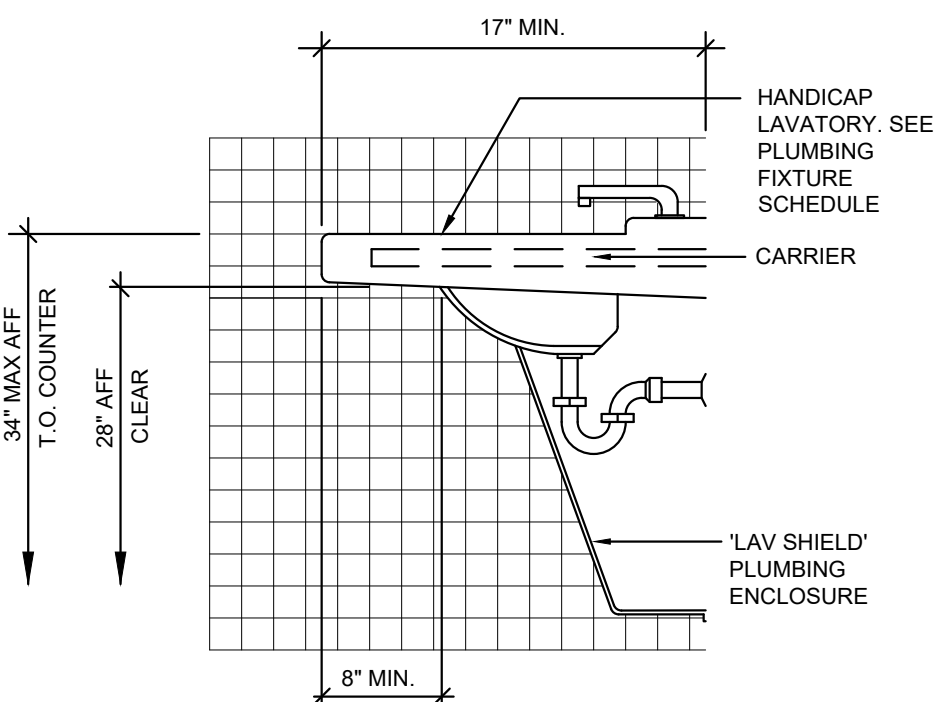
ABBR	DESCRIPTION	MANUF./MODEL#	REMARKS	ABBR	DESCRIPTION	MANUF./MODEL#	REMARKS
MI	FRAMELESS STAINLESS STEEL MIRROR	BOBRICK-1556 1830	1 PER LAV	PTD	COMBINATION PAPER TOWEL DISPENSER / WASTE RECEPTACLE- SEMI RECESSED	BOBRICK B-3942	1 PER RESTROOM
SD	SOAP DISPENSER	BOBRICK B-2111	1 PER SHOWER	DCS	DIAPER CHANGING STATION SURFACE MOUNTED	KOALA KB-200-05	1 PER GROUP UNISEX RESTROOM
EHD	ELECTRIC HAND DRYER - SURFACE MOUNTED	BOBRICK B-7120	2 PER GROUP LAV	CH	VANDAL-RESISTANT CLOTHES HOOK WHITE GRANITE	BOBRICK B-982	1 PER RESTROOM
TTD	TOILET TISSUE DISPENSER - SURFACE MOUNTED	BOBRICK B-2740	1 PER WATER CLOSET				
SND	SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	BOBRICK B-254	1 PER WOMEN'S WATER CLOSET				
GB	GRAB BAR w/ CONCEALED ANCHORS	BOBRICK B-5806	2 PER H/C STALL				
SGB	SHOWER GRAB BAR w/ CONCEALED ANCHORS	BOBRICK B-6806.99	1 PER ADA SHOWER				
SCR	SHOWER CURTAIN ROD - SURFACE MOUNTED	BOBRICK B-6047 X 36"	1 PER SHOWER				
SS	REVERSIBLE FOLDING SHOWER SEAT - SOLID PHENOLIC	BOBRICK B-5181	1 PER ADA SHOWER				
SSD	SHOWER SOAP DISH-SURFACE MOUNTED	BOBRICK B-6807	1 PER SHOWER				
SRH	SHOWER ROBE HOOK-SURFACE MOUNTED	BOBRICK B-6717	1 PER SHOWER				

SHOWER WATER PROOFING NOTES

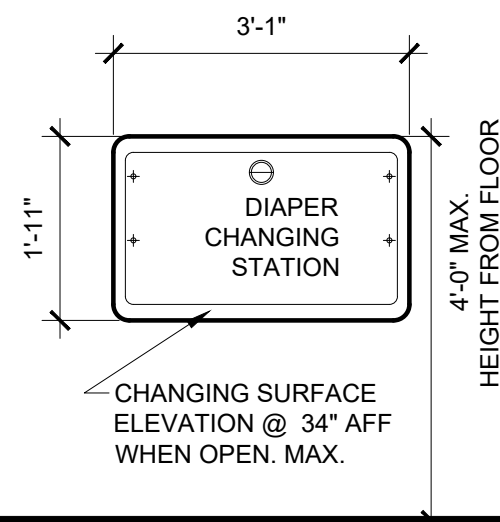
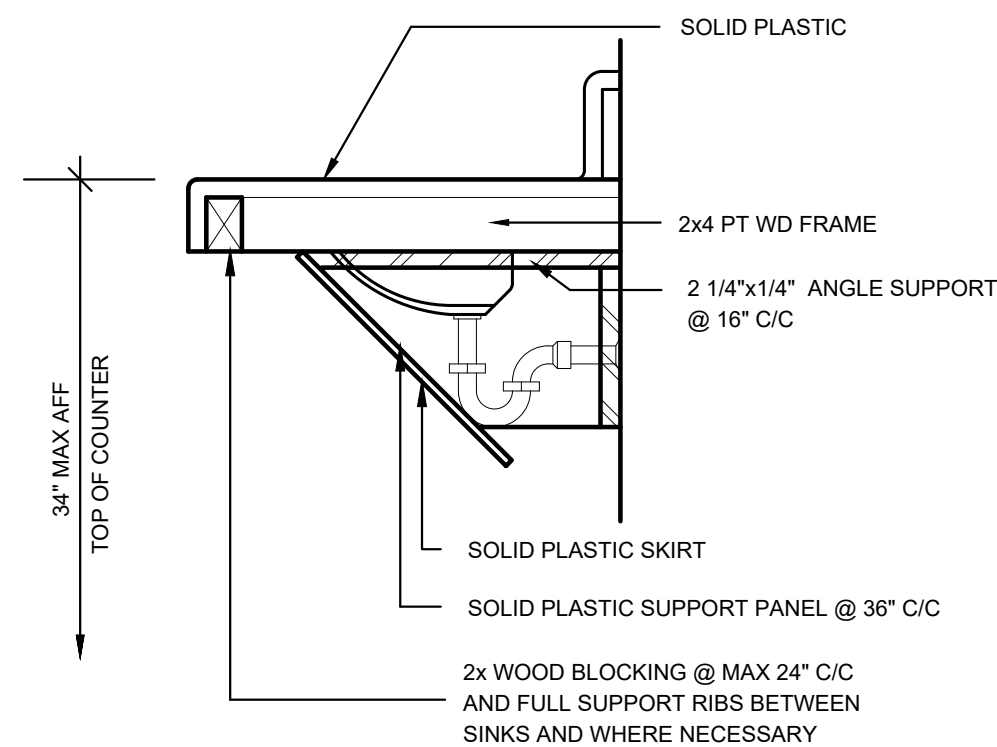
INSTALL LIQUID WATERPROOFING MEMBRANE BELOW ALL FLOOR AND WALL TILED SURFACES IN SHOWERS
APPLY WATER PROOFING MEMBRANE AS PER MANUFACTURER'S INSTRUCTIONS
APPLY WATERPROOFING MEMBRANE ON THE FULL HEIGHT OF ALL SHOWER WALLS
LET WATERPROOFING MEMBRANE CURE FOR THE MANUFACTURER'S RECOMMENDED TIME
PROVIDE EPOXY GROUT AT ALL TILE WORK. CEMENTITIOUS GROUT SHALL NOT BE ACCEPTED
FLOOD TEST ALL AREAS TO ENSURE LEAK FREE INSTALLATION PRIOR TO INSTALLING TILE
REPAIR OR REPLACE WATERPROOFING IN AREAS WITH LEAKS PRIOR TO INSTALLING TILE

GENERAL NOTES.

- FACILITY SHALL MEET ALL ACCESSIBILITY REQUIREMENTS PER THE FLORIDA BUILDING CODE SEVENTH EDITION (2020)
- ALL ACCESSORIES SHALL COMPLY WITH THE LATEST REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT. THE MINIMUM AESTHETIC, FUNCTIONAL AND QUALITY STANDARDS ARE TO BE BASED ON THE PRODUCTS OF BOBRICK WASHROOM EQUIPMENT, INC. OF CLIFTON PARK, NEW YORK.
- INSTALL GRAB BARS IN EVERY HC BATH AS PER A.N.S.I AND A.D.A REQUIREMENTS
- PROVIDE SELF CLOSING DOORS AT FULL AND SINGLE ADA STALLS
- SEE FINISH SCHEDULE FOR MATERIAL SPECIFICATION
- MIRRORS - ABOVE EVERY LAVATORY
- ALL TILE INSTALLATION TO COMPLY WITH TCA HANDBOOK DTL W244-05 FOR WALLS AND F115-05 FOR FLOORS
- PROVIDE HORIZONTAL PT WOOD BACKING FOR ALL ACCESSORIES PER DETAIL 1/A-4. TYPICAL



NOTE:
1. INSTALLATION TO BE IN FULL COMPLIANCE WITH ADA & FLORIDA ACCESSIBILITY CODES
2. PROVIDE 'LAV SHIELD' BY TRUEBRO. INSTALL PER MANUFACTURER'S INSTRUCTIONS TRUEBRO, INC.



1 RESTROOM INTERIOR ELEVATIONS

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

2 WALL MOUNTED LAVATORY DETAIL

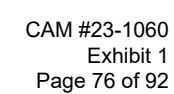
SCALE: NTS

3 COUNTER MOUNTED LAVATORY DETAIL

SCALE: NTS

4 DIAPER CHANGING STATION DETAIL

SCALE: NTS



ROOM FINISH SCHEDULE

RM #	ROOM NAME	FLOORS		WALLS SEE WALL TYPES SHEET B8.01				CEILING			REMARKS
				NORTH	SOUTH	EAST	WEST				
		FLOOR	BASE	FINISH	FINISH	FINISH	FINISH	SIZE	FINISH	HEIGHT	
101	ENTRY HALL LOBBY	LVT	CB-1	PNT-1	PNT-1	PNT-1	PNT-1	2x2	ACT-1	9'-0"	
102	OFFICE 1	LVT	CB-1	PNT-1	PNT-1	PNT-1	PNT-1	2x2	ACT-1	9'-0"	
103	OFFICE 2	LVT	CB-1	PNT-1	PNT-1	PNT-1	PNT-1	2x2	ACT-1	9'-0"	
104	MODULAR OFFICES	LVT	CB-1	PNT-1	PNT-1	PNT-1	PNT-1	2x2	ACT-1	9'-0"	
105	CORRIDOR	LVT	CB-1	PNT-1	PNT-1	PNT-1	PNT-1	2x2	ACT-1	9'-0"	
106	WOMEN'S RESTROOM	PT-1	AL-1	PT-2/PT-4	PT-2	PT-2	PT-2/PT-4	2x2	ACT-1	9'-0"	PT-4 FOR SHOWER WALLS AND BENCH WALL, TP-1 FOR TOILET PARTITIONS
107	MEN'S RESTROOM	PT-1	AL-1	PT-2	PT-2/PT-4	PT-2/PT-4	PT-2	2x2	ACT-1	9'-0"	PT-4 FOR SHOWER WALLS AND BENCH WALL, TP-1 FOR TOILET PARTITIONS
108	MECHANICAL	SEAL CONCRETE	-	PNT-2	PNT-2	PNT-2	PNT-2	2x2	GYP. BD.	9'-0"	EXISTING GYP. BD. CEILING TO REMAIN

* PROVIDE MARBLE TRANSITION BETWEEN RESTROOMS, MECHANICAL ROOM AND LVCT CORRIDOR. COMPLY WITH FBC ACCESSIBILITY, SECTION 303, CHANGES IN LEVEL. FBC SEVENTH EDITION (2020)

ROOM FINISH LEGEND

SYMBOL	MATERIAL	SOURCE (NAMED PRODUCT)	COLOR	REMARKS
ACT-1	ACOUSTICAL CEILING TILE	ROCKFON SONAR	#SLT16300 WHITE	2' X 2', [ANGLED TEGULAR], HOT DIPPED GALV., 15/16" GRID WHITE FINISH
AL-1	ALUMINUM TRIM	SCHLUTER - DILEX - AHK	POLISHED CHROME ANODIZED ALUMINUM (ACG)	COVE-SHAPED PROFILE FOR FLOOR/WALL TILE TRANSITION
LVT	LUXURY VINYL TILE	TARKETT - EVENT	2125 PALE CYPRESS	6" X 48" SIZE
CB-1	LUXURY VINYL BASE	ROPPE	125 FIG	-
GT-1	EPOXY GROUT	LATICRETE	78 STERLING SILVER	EPOXY GROUT
GT-2	EPOXY GROUT	LATICRETE	44 BRIGHT WHITE	EPOXY GROUT
PNT-1	PAINT	SHERWIN WILLIAMS	HERON PLUME - SW6070	WALLS AND DOOR FRAMES
PNT-2	EPOXY PAINT	SHERWIN WILLIAMS	EXTRA WHITE - SW7006	EPOXY PAINT FOR SHOWER CEILING
PT-1	PORCELAIN FLOOR TILE	DALTILE - PORTFOLIO	ASH GREY PF06	12"X24" SIZE MATTE, ONE THIRD OFFSET PATTERN. GT-1 LATICRETE EPOXY GROUT 78 STERLING SILVER
PT-2	PORCELAIN RESTROOM WALL TILE	DALTILE - FLORENTINE	CARRARA FL06	12"X24" SIZE GLOSSY. STACKED HORIZONTAL PATTERN. GT-2 LATICRETE EPOXY GROUT 44 BRIGHT WHITE
PT-2.1	PORCELAIN RESTROOM WALL TILE - JOLLY	DALTILE - FLORENTINE	CARRARA FL06 - JOLLY	1/2"X12" GLOSSY. GT-2 LATICRETE EPOXY GROUT 44 BRIGHT WHITE - WALL CORNERS
PT-3	PORCELAIN SHOWER FLOOR TILE	DALTILE - PORTFOLIO	ASH GREY PF06	2"X2" SIZE, STRAIGHT JOINT. GT-1 LATICRETE EPOXY GROUT 78 STERLING SILVER
PT-4	PORCELAIN SHOWER WALL TILE	TILEBAR - KENT	MARINE CONTOUR 3D	2.6"X13" POLISHED HEXAGON. STACKED VERTICAL. GT-1 EPOXY GROUT 78 STERLING SILVER
PLAM-1	PLASTIC LAMINATE	ARBORITE	VEILED GHOSTWOOD W476	INTERIOR DOOR FINISH, RESTROOM BENCH, AND KITCHENETTE CABINETS
TP-1	TOILET PARTITION	SCRANTON PRODUCTS - HINY HIDERS	GREY - ORANGE PEEL	RESTROOM TOILET PARTITIONS
SS-1	SOLID SURFACE	MEGANITE	SANDY SHORE 246A	RESTROOMS AND KITCHENETTE COUNTER

FINISH NOTES

- ALL FINISHES SHALL BE CLASS 'A' RATED UNLESS OTHERWISE NOTED
- NAMED PRODUCTS ARE INDICATED ON PLANS BY USE OF THE MANUFACTURER'S NAME FOR A PRODUCT, INCLUDING SUCH ITEMS AS MAKE, MODEL AND/OR COLOR ETC. THESE ITEMS APPEAR ON THE FINISH SCHEDULE LEGEND, MATERIAL DETAILS, ETC. ON THESE PLANS. THESE ITEMS ARE NOT TO BE SUBSTITUTED WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT
- CONTRACTOR SHALL SUBMIT GROUT COLOR SAMPLES TO ARCHITECT FOR OWNER'S REVIEW. OWNER MAY CHANGE COLOR AND CHOOSE FROM STANDARD COLOR LIST
- CONTRACTOR SHALL SUBMIT SAMPLES TO ARCHITECT FOR OWNER'S APPROVAL. OWNER MAY CHANGE COLORS OR PATTERNS FOR ITEMS OF COMPARABLE COST
- IN THE EVENT THERE IS AMBIGUITY, CONFLICT OR DISAGREEMENT RELATING TO ITEMS OR ARRANGEMENTS TO BE FURNISHED UNDER THE CONTRACT DOCUMENTS, THE ARCHITECT WILL DETERMINE WHICH TAKES PRECEDENCE. IT IS UNDERSTOOD THAT THE CONTRACTOR SHALL FURNISH THE ITEMS OR ARRANGEMENTS OF GREATER QUANTITY, BETTER QUALITY OR HIGHER COST AS CONCLUSIVELY DETERMINED BY THE ARCHITECT.
- PATCH AND REPAIR ALL ADJACENT EXISTING AREAS AFFECTED BY CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, CEILINGS, WALLS, FLOORS, DOORS, TYPICAL

1 ROOM FINISH SCHEDULE / LEGEND

SCALE: NTS

DOOR SCHEDULE

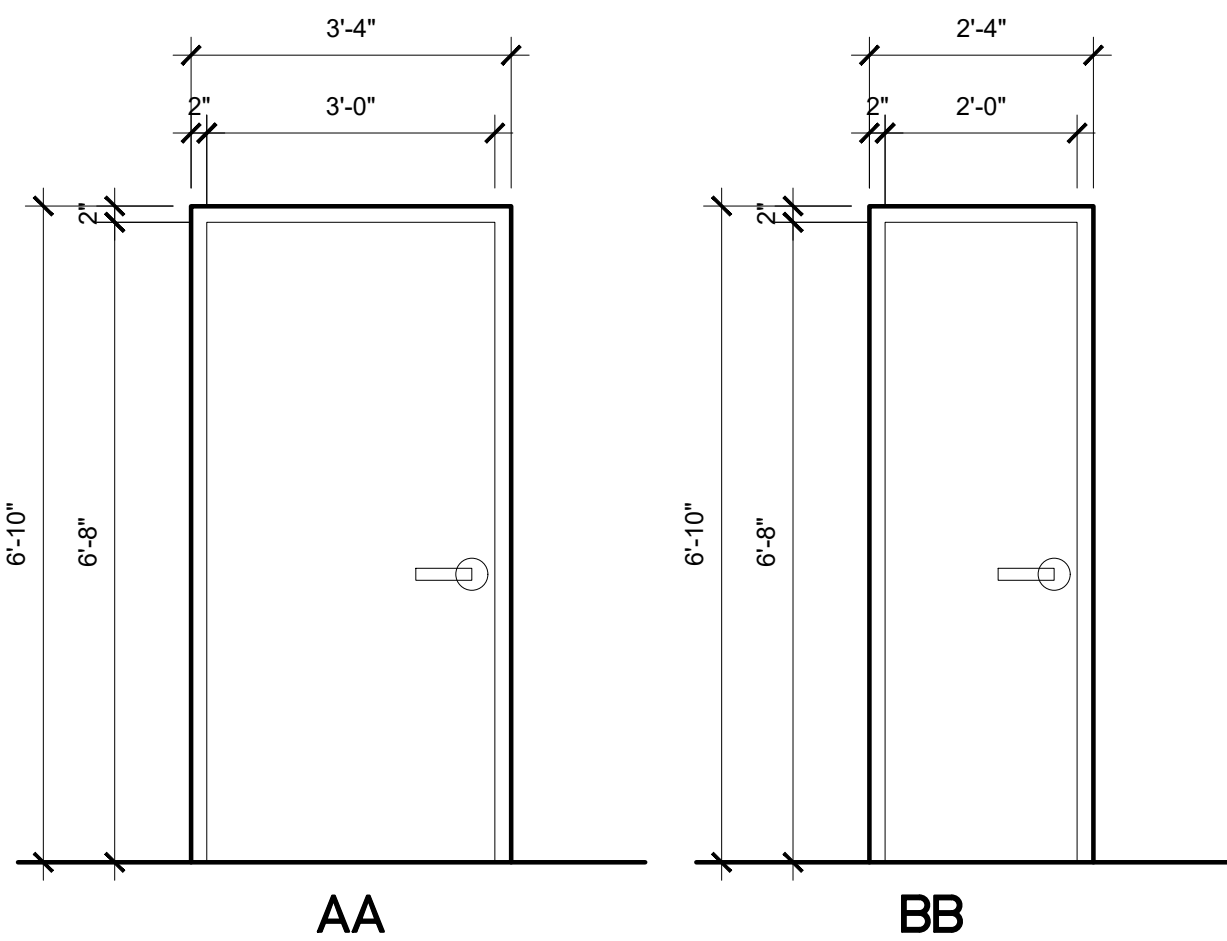
DOOR No	DOORS						FRAME		FIRE LABEL	THRESHOLD (SEE DETAIL)	REMARKS	LOCK SET TYPE	HARDWARE
	SIZE			MATL	TYPE SEE ELEV	FINISH	MATL	FINISH					REMARKS
	W	H	TH										
01	3'-0"	6'-8"	1 3/4"	SC WOOD	AA	PLAM	MTL	PNT		-		1	
02	3'-0"	6'-8"	1 3/4"	SC WOOD	AA	PNT	MTL	PNT		-		2	
03	3'-0"	6'-8"	1 3/4"	SC WOOD	AA	PNT	MTL	PNT		-		2	
04	3'-0"	6'-8"	1 3/4"	SC WOOD	BB	PNT	MTL	PNT		-		3	
05	3'-0"	6'-8"	1 3/4"	SC WOOD	AA	PNT	MTL	PNT		-		4	
06	3'-0"	6'-8"	1 3/4"	SC WOOD	AA	PNT	MTL	PNT		-		4	
07	3'-0"	6'-8"	1 3/4"	SC WOOD	AA	PNT	MTL	PNT		-		3	

NOTE:

ALL HARDWARE AND DOORS TO COMPLY WITH NFPA 101, AND FLORIDA ACCESSIBILITY CODE SEVENTH EDITION (2020) ALL HARDWARE TO MEET ADA ACCESSIBILITY REQUIREMENTS. CO-ORDINATE CORES AND COMMON KEYING WITH OWNER.

LOCKSET TYPE

- ENTRY LOCK LOCKSET F04, LEVER HANDLE, CLOSER, DOOR STOP, HINGES, SILENCERS
- CLASSROOM LOCKSET F05, LEVER HANDLE, DOOR STOP, HINGES, SILENCERS
- STOREROOM LOCKSET F07, LEVER HANDLE, DOOR STOP, HINGES, SILENCERS
- CLASSROOM LOCKSET F05, LEVER HANDLE, CLOSER, DOOR STOP, HINGES, SILENCERS, KICK PLATES

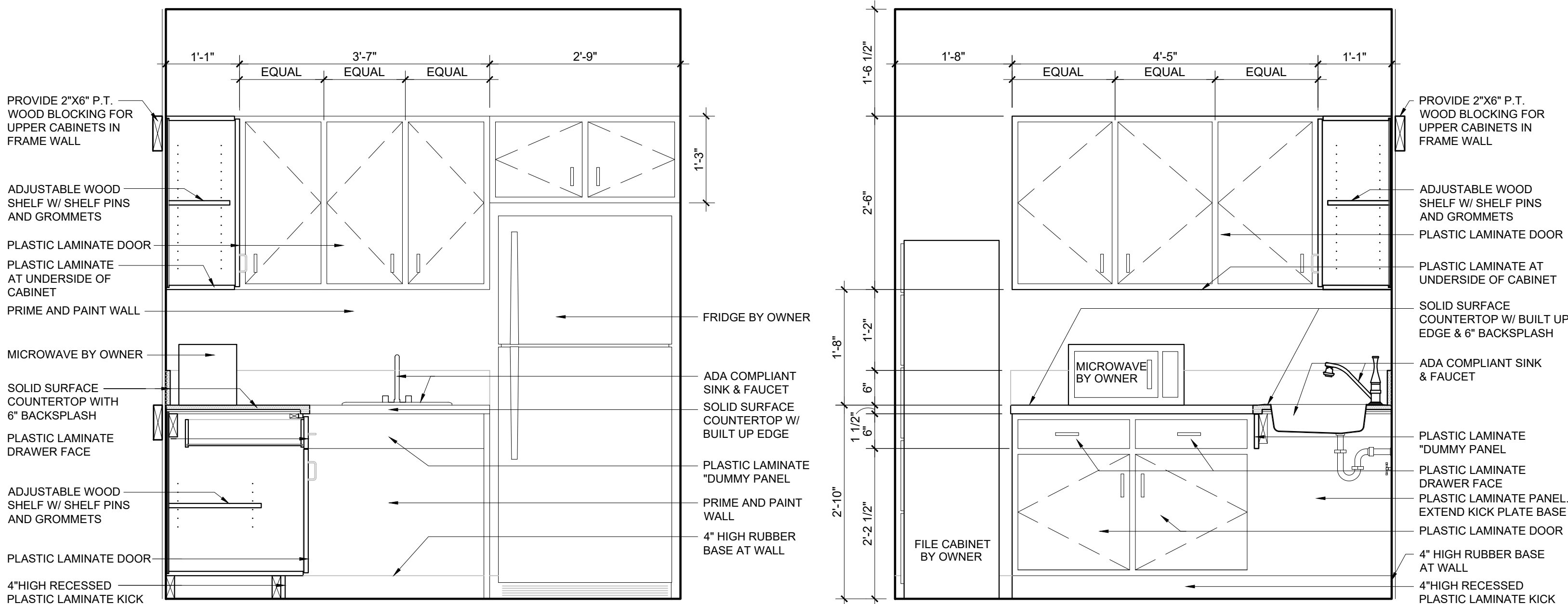


2 DOOR SCHEDULE

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

3 KITCHENETTE ELEVATIONS

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



CITY OF FORT LAUDERDALE
COOLEY'S LANDING
RENOVATIONS
450 SW 7TH AVENUE
FORT LAUDERDALE, FL 33312

DRAWN BY: OM
CHECKED BY: AZ
DATE: 07/28/2023
REVISIONS:



2302

SHEET

A-5

SCHEDULES &
KITCHENETTE ELEVATIONS

AIR DISTRIBUTION/DUCTWORK NOTES:

1. REFER TO ARCHITECTURAL PLANS FOR CEILING TYPE.
2. PROVIDE OFF WHITE FINISH (SUBJECT TO ARCHITECT'S APPROVAL).
3. DUCTWORK MATERIALS:
- A. 5/A & R/A – GALVANIZED SHEET METAL W/ DUCT WRAP INSULATION WITH VAPOR BARRIER: JOHNS MANVILLE MICROLITE TYPE 75, 1.5 INCH THICKNESS, R=4.2 (MIN.) UNLESS OTHERWISE NOTED.
- B. GENERAL EXHAUST AIR DUCTWORK: GALVANIZED SHEETMETAL
- C. KITCHEN HOOD EXHAUST – 16 GA. ALL WELDED CONSTRUCTION.
- D. KITCHEN EXHAUST DUCTWORK SHALL BE MINIMUM 16 GA BLACK STEEL OR 18 GA STAINLESS STEEL WELDED EXHAUST DUCT.
- E. FLEXIBLE AIR DUCT SHALL BE UL 181 RATED. SUCH DUCTS SHALL BE LISTED AND LABELED AS CLASS 0 OR CLASS 1 FLEXIBLE DUCTS. FLEXIBLE DUCT INSULATION TO BE R-4.2 MINIMUM. FLEXIBLE DUCTWORK IS ALLOWED ONLY FOR THE LAST 6 FT OF DUCTWORK FOR CONNECTION TO AIR DEVICES.
- F. OUTSIDE AIR DUCTWORK/MAKE-UP AIR: GALVANIZED SHEETMETAL EXTERNALLY WRAPPED INSULATION (R-6 MIN)
- G. DUCT SEAL CLASS AS PER SMACNA STANDARD DUCT SEALING REQUIREMENTS. (REFER TO TABLE)
4. DUCT SYSTEM CONSTRUCTION AND SEALING REQUIREMENTS: DUCTWORK SHALL COMPLY WITH REQUIREMENTS AS PER TABLE C403.2.7.2. FBC (E) 2014 EDITION AND "SMACNA" STANDARDS.
5. ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH "SMACNA" STANDARDS AND FBC 2020 EDITION.
6. INSULATION SHALL BE PROTECTED FROM DAMAGE, INCLUDING THAT DUE TO SUNLIGHT, MOISTURE, EQUIPMENT MAINTENANCE, AND WIND, BUT NOT LIMITED TO THE FOLLOWING:
- A. INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED BY 20 GA SHEET METAL.
- B. INSULATION COVERING COOLING DUCTS LOCATED OUTSIDE THE CONDITIONED SPACE SHALL INCLUDE A VAPOR RETARD LOCATED OUTSIDE THE INSULATION.
7. PROVIDE FOIL-FACED INSULATION (MIN. R=5.6) ON TOP/BACK OF ALL AIR DEVICES. TAPE ALL JOINTS AND SEAMS TO PROVIDE CONTINUOUS VAPOR BARRIER OVER DEVICE AND FLEXIBLE CONNECTION.
8. ALL DUCTWORK AND DIFFUSERS SHALL BE RATED FOR THE USE, PRESSURE AND TEMPERATURE SPECIFIED AND AS REQUIRED BY THE CEILING SYSTEM RATING.
9. ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH "SMACNA" STANDARDS AND LOCAL BUILDING CODES.
10. ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.
11. SEAL ALL DUCTS, JOINTS AND SEAMS IN AN APPROVED MANNER AND INSURE AGAINST LEAKAGE.
12. PROVIDE ACCESS DOORS AS REQUIRED FOR ALL MECHANICAL EQUIPMENT TO SERVICE AND VISUALLY CHECK ROTATION OF FANS AND MOTORS, POSITION OF DAMPERS, REPLACE FIRE DAMPER LINKS, ADJUST OR REPLACE CONTROLS, ETC.
13. PROVIDE VANED ELBOWS IN ALL CASES, SPLITTER DAMPERS WHERE INDICATED ON DRAWINGS AND VOLUME CONTROL DAMPERS IN ALL BRANCH DUCTS OR DIFFUSER CONNECTIONS.

TEST & BALANCE NOTES

1. ADJUST ALL AIR SYSTEMS BY AABC OR NEBB CURRENTLY CERTIFIED BALANCING CONTRACTOR.
2. PROVIDE CALIBRATION CERTIFICATE FOR ALL TESTING EQUIPMENT.
3. OPERATE SYSTEMS FOR AS LONG A TIME AS WILL BE NECESSARY TO TEST AIR FLOW FROM OPENINGS, MAKE NECESSARY DAMPER AND OTHER ADJUSTMENTS UNTIL EVEN DISTRIBUTION IS OBTAINED, THROUGHOUT THE VARIOUS SYSTEMS, WITH THE AIR QUANTITIES REQUIRED AT EACH OUTLET OR INLET AS SHOWN ON THE DRAWINGS WITHIN 10% OF THE DESIGN REQUIREMENTS.
4. BEFORE ANY AIR BALANCE WORK IS DONE, TEST THE SYSTEM FOR DUCT LEAKAGE, INSTALL CLEAN FILTERS, CHECK FOR CORRECT FAN ROTATION AND EQUIPMENT VIBRATION, CHECK AUTOMATIC DAMPERS FOR PROPER OPERATION, AND VERIFY THAT ALL FIRE AND FIRE SMOKE DAMPERS ARE OPEN.
5. FANS TO BE ADJUSTED TO DELIVER ABOVE SYSTEM REQUIREMENTS TO COMPENSATE FOR DUCT LEAKAGE.
6. RECORD THE PRESSURE DROP ACROSS AIR HANDLING OR ROOFTOP UNIT.
7. TRAVERSE MAIN SUPPLY AND RETURN AIR DUCTS, USING A PITOT TUBE AND MONOMETER. THE INTENT OF THIS OPERATION IS TO MEASURE BY TRAVERSE THE TOTAL AIR QUANTITY SUPPLIED BY THE FAN AND TO VERIFY THE DISTRIBUTION OF AIR TO ZONES.
8. SUBMIT DATA IN SUPPORT OF ALL SUPPLY/RETURN FAN DELIVERIES BY THE FOLLOWING TWO (2) METHODS:
- A. BY SUMMATION OF THE AIR QUANTITY READINGS AT OUTLETS AND,
- B. BY DUCT TRAVERSES OF MAIN SUPPLY/RETURN/OUTDOOR AIR DUCTS.
9. RECORD THE FOLLOWING UNIT DATA:
- A. FAN SPEED – REVOLUTIONS PER MINUTE.
- B. FAN STATIC PRESSURE (TOTAL OR EXTERNAL) – INCHES OF WATER.
- C. OUTLET VELOCITY – FEET PER MINUTE.
- D. FAN BRAKE HORSEPOWER
- E. MOTOR HORSEPOWER
- F. VOLTS, HERTZ, AMPERES
10. ADJUST FINAL AIR QUANTITIES WITHIN 10% OF THE DESIGN REQUIREMENTS. BALANCE AIR OUTLETS WITH AIR FLOW TESTS BY TRAVERSE (PER DESIGN).

COMMISSIONING:

C408.2 MECHANICAL SYSTEMS COMMISSIONING AND COMPLETION REQUIREMENTS.

PRIOR TO PASSING THE FINAL MECHANICAL INSPECTION, THE REGISTERED DESIGN PROFESSIONAL SHALL PROVIDE EVIDENCE OF MECHANICAL SYSTEMS COMMISSIONING AND COMPLETION IN ACCORDANCE WITH THE PROVISIONS OF THIS SECTION.

CONSTRUCTION DOCUMENT NOTES SHALL CLEARLY INDICATE PROVISIONS FOR COMMISSIONING AND COMPLETION REQUIREMENTS IN ACCORDANCE WITH THIS SECTION AND ARE PERMITTED TO REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.

COPIES OF ALL DOCUMENTATION SHALL BE GIVEN TO THE OWNER AND MADE AVAILABLE TO THE CODE OFFICIAL UPON REQUEST IN ACCORDANCE WITH SECTIONS C408.2.4 AND C408.2.5.

- EXCEPTION: THE FOLLOWING SYSTEMS ARE EXEMPT FROM THE COMMISSIONING REQUIREMENTS:
1. MECHANICAL SYSTEMS IN BUILDINGS WHERE THE TOTAL MECHANICAL EQUIPMENT CAPACITY IS LESS THAN 480,000 BTU/HR COOLING CAPACITY AND 600,000 BTU/HR HEATING CAPACITY.
2. SYSTEMS INCLUDED IN SECTION C403.3 THAT SERVE DWELLING UNITS AND SLEEPING UNITS IN HOTELS, MOTELS, BOARDING HOUSES OR SIMILAR UNITS.

- C408.2.1 COMMISSIONING PLAN.
- A COMMISSIONING PLAN SHALL BE DEVELOPED BY A REGISTERED DESIGN PROFESSIONAL OR APPROVED AGENCY AND SHALL INCLUDE THE FOLLOWING ITEMS:
1. A NARRATIVE DESCRIPTION OF THE ACTIVITIES THAT WILL BE ACCOMPLISHED DURING EACH PHASE OF COMMISSIONING, INCLUDING THE PERSONNEL INTENDED TO ACCOMPLISH EACH OF THE ACTIVITIES.
2. A LISTING OF THE SPECIFIC EQUIPMENT, APPLIANCES OR SYSTEMS TO BE TESTED AND A DESCRIPTION OF THE TESTS TO BE PERFORMED.
3. FUNCTIONS TO BE TESTED, INCLUDING, BUT NOT LIMITED TO CALIBRATIONS.
4. CONDITIONS UNDER WHICH THE TEST WILL BE PERFORMED. AT A MINIMUM, TESTING SHALL AFFIRM WINTER AND SUMMER DESIGN CONDITIONS AND FULL OUTSIDE AIR CONDITIONS.
5. MEASURABLE CRITERIA FOR PERFORMANCE.

HVAC NOTES

DESCRIPTION:

1. THESE PLANS ARE SCHEMATIC IN NATURE AND ARE INTENDED TO ESTABLISH SIZE, GENERAL ROUTING, LOCATION AND PERFORMANCE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. ALL WORK SHALL BE FULLY COORDINATED WITH OTHER TRADES. CONTRACTOR SHALL NOT SCALE DRAWINGS.

GENERAL NOTES:

1. ALL MECHANICAL SYSTEMS ARE TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE NFPA STANDARDS, ANSI STANDARDS, THE LOCAL BUILDING CODE, NOISE & HEIGHT ORDINANCES, PLANS AND SPECIFICATIONS.
2. ALL MATERIALS SHALL BE NEW, QUALITY OF WORK AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, PRODUCT APPROVAL, RULES AND ORDINANCES, ANY DAMAGED EQUIPMENT SHALL BE REPLACED OR RESTORED TO ORIGINAL CONDITION.
3. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, ACCESS PANELS, CONTROL SYSTEMS, DEVICES, PERMITS AND SERVICES NECESSARY FOR FURNISHING AND INSTALLING A COMPLETE OPERABLE MECHANICAL SYSTEM.
4. ALL LOUVERS, GRILLES, PIPING, ETC. SHALL BE PAINTED TO MATCH SURROUNDING COLOR AND TEXTURES AS REQUIRED BY ARCHITECT. VERIFY COLOR AND TEXTURE WITH ARCHITECT. PAINT ALL EXPOSED MECHANICAL EQUIPMENT WITH BENJAMIN MOORE EPOXY ENAMEL 182.
5. THE CONTRACTOR SHALL PROVIDE PLASTIC OR ALUMINUM TYPE EQUIPMENT IDENTIFICATION LABELS FOR ALL MECHANICAL EQUIPMENT AS PER SCHEDULE TAGS. (SETON OR SIMILAR)
6. ALL O/A INTAKES SHALL HAVE A 2" HIGH STENCILED LETTERING READING "INTAKE" PER FBC REQUIREMENTS.
7. ALL CUTTING, PATCHING, STRUCTURAL STEEL, WEATHER PROOFING, PAINTING, AND WALL OPENINGS SHALL BE BY THE GENERAL CONTRACTOR.
8. ALL OPENINGS IN BUILDING STRUCTURE, FOR DUCTWORK, PIPING, ETC. TO BE 1/2" LARGER (ON ALL SIDES) THEN THE OUTSIDE DIMENSIONS. FILL VOIDS WITH FIRE RETARDANT SILICONE FOAM (I.E. CHASE-FOAM CTC PR-855 BY CHASE TECHNOLOGY CORP.).
9. BUILDING HVAC CALCULATIONS ARE BASED ON THE FOLLOWING:
- A. INDOOR DESIGN: SUMMER 75 DOB/50% RH, WINTER 72 DOB.
- B. OUTDOOR DESIGN: SUMMER 91 DOB/80 DWB, WINTER 52 DOB.
10. PROVIDE FLEXIBLE DUCT CONNECTORS, RATED AS REQUIRED, TO ALL FANS, A/C UNITS, OR MECHANICAL EQUIPMENT.
11. PROVIDE MAINTENANCE AND OPERATION MANUAL ON ALL MECHANICAL EQUIPMENT OR SYSTEMS. SUBMITTALS SHALL HAVE A SUMMARY SHEET SHOWING ALL SCHEDULED INFORMATION.
12. HVAC CONTRACTOR WILL WARRANTY ALL MECHANICAL SYSTEMS, DUCTWORK, THERMOSTATS, AND ALL OTHER EQUIPMENT/PARTS AND LABOR UNDER THESE DRAWINGS AND SPECIFICATIONS FOR A PERIOD OF ONE (1) YEAR AFTER O/CY OF BUILDING. ANY REPAIRS REQUIRING SYSTEM SHUT DOWN WILL BE DONE DURING NON OPERATIONAL PERIODS. HVAC CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES PRIOR TO BIDDING AND PURCHASING ANY EQUIPMENT.
13. AIR QUALITY SHOULD BE TESTED BEFORE OCCUPANCY AND SHOULD BE INSTRUMENTED AND MONITORED THEREAFTER, OR AT LEAST AT REGULAR INTERVALS.

MECHANICAL EQUIPMENT NOTES:

1. ALL MECHANICAL EQUIPMENT SHALL BE ARI & U.L. LISTED WHERE APPLICABLE AND RATED FOR THE REQUIRED SERVICE, PRESSURES, TEMPERATURES, AND SHALL BE PROVIDED WITH ALL NECESSARY TRANSFORMERS, SEALS, VALVES, CONNECTIONS, ETC. TO FUNCTION PROPERLY.
2. PROVIDE IONIZATION TYPE SMOKE DETECTORS IN THE S/A AND R/A DUCTS OF ALL AIR HANDLING EQUIPMENT WITH AIR DELIVERY CAPACITIES GREATER THAN 2000 CFM TO SHUT DOWN THE UNIT UPON DETECTION OF SMOKE. SMOKE DETECTORS SHALL BE LOCATED TO PROVIDE ACCESS FOR MAINTENANCE AND INSPECTION AND SHALL NOT BE HIGHER THAN 48" ABOVE CEILING. SMOKE DETECTOR SHALL BE UL288A LISTED AND COMPATIBLE WITH THE FACT, SIMPLEX SERIES 208B OR APPROVED EQUIVALENT. PROVIDE AUDIO-VISUAL TEST STATION, PER NFPA 90A-4-4, MOUNTED BELOW THE CEILING OVER NORMALLY-OCCUPIED SPACE. DO NOT LOCATE IN RESTROOMS, JANITOR OR STORAGE). PROVIDE DUCT ACCESS DOORS FOR MAINTENANCE AND INSPECTION OF SMOKE DETECTORS. ALL SMOKE DETECTORS SHALL BE BY ONE MANUFACTURER; COORDINATE VOLTAGE ETC. WITH ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM BEFORE ORDERING.
3. PROVIDE TYPE "B" FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS, PARTITIONS, FLOORS OR ROOF SLABS AND AT FRESH AIR INTAKES IF REQUIRED (SEE ARCHITECT'S PLANS FOR RATINGS). PROVIDE RADIATION DAMPERS IN RATED CEILINGS FOR ALL CEILING OPENINGS, CEILING FANS, DIFFUSERS OR GRILLES RATED FOR USE IN THE CEILING ASSEMBLY AS SPECIFIED BY ARCHITECT.
4. IN CASE OF FIRE RATED CORRIDOR DUCTS SHALL PENETRATE THROUGH SIDE OF RATED ENCLOSURE ONLY. (NO PENETRATIONS THROUGH HORIZONTAL RATED STRUCTURE).
5. PROVIDE BACKDRAFT DAMPERS ON ALL EXHAUST FANS AND/OR INLINE FANS.
6. PROVIDE VIBRATION ISOLATORS ON ALL MECHANICAL EQUIPMENT AS CALLED FOR IN THE SPECIFICATIONS. IF NOT SPECIFIED, AS RECOMMENDED BY MANUFACTURER FOR QUIET OPERATION (WITH 99% ISOLATION EFFICIENCY).
7. PROVIDE A MIN. OF 10' CLEARANCE BETWEEN O/A INTAKES AND VTR OR EXHAUST OPENINGS.
8. THERMOSTAT AND REMOTE TEMPERATURE SENSOR(S) LOCATION SHALL BE APPROVED BY OWNER AND ARCHITECT BEFORE INSTALLATION. FOR REQUIREMENTS SEE EQUIPMENT SCHEDULE.
9. RUN INSULATED CONDENSATE DRAINS AS PER PLUMBING DRAWINGS.
10. MOUNT ALL ROOFTOP EQUIPMENT (IF USED) FOR WIND LOADS AND MOUNTING HEIGHTS AS REQUIRED BY LOCAL CODES.
11. ALL PIPING AND DUCTWORK SHALL BE SLEEVED THRU WALLS, BEAMS, SLABS, ETC. AS REQUIRED AND COORDINATED WITH THE STRUCTURAL ENGINEER. REMOVK BAR JOIST CROSS BRACING AND PROVIDE NECESSARY TRANSITIONS AS REQUIRED FOR DUCTWORK INSTALLATION.
12. ALL INSULATION WILL HAVE FIRE/SMOKE RATING LESS THAN 25/50.
13. PROVIDE MOTOR STARTERS AS FOLLOWS (UNLESS OTHERWISE RECOMMENDED BY MOTOR MANUFACTURER): A: PROVIDE OVERLOAD PROTECTION – 1/3 HP AND ABOVE (ALL PHASES). B: PROVIDE ACROSS THE LINE VOLTAGE STARTING BELOW 25 HP.
14. ALL OUTDOOR EQUIPMENT SHALL COMPLY WITH LOCAL ZONING NOISE ORDINANCES. MIN. REQUIREMENT SHALL NOT EXCEED A NOISE LEVEL OF 65 DB AS MEASURED RADIALLY 30 FT FROM THE EQUIPMENT IN ALL DIRECTIONS.
15. FILTERS SHALL BE IN PLACE DURING CONSTRUCTION. PROVIDE A NEW SET PRIOR TO TEST AND BALANCE AND A FINAL SET AT THE END OF ONE YEAR SERVICE PERIOD.
16. COUNTERBALANCED BACKDRAFT DAMPERS SHALL BE HEAVY DUTY EXTRUDED ALUMINUM RUSKIN MODEL C8D2 OR APPROVED EQUAL.

MECHANICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	THERMOSTAT WITH SUBBASE
	CEILING MOUNTED REMOTE TEMPERATURE SENSOR
	SMOKE DETECTOR
	STATIC PRESSURE SENSOR
	POINT OF DISCONNECT
	POINT OF CONNECTION
	EXISTING PIPING (OR DUCTWORK) TO BE REMOVED
	EXISTING PIPING (OR DUCTWORK) TO REMAIN
	NEW PIPING (OR DUCTWORK).
	SUPPLY AIR (DIRECTION OF THROW)
	RETURN AIR
	OPPOSED BLADE DAMPER
	BACK DRAFT DAMPER
	MANUAL VOLUME DAMPER
	MOTORIZED CONTROL DAMPER
	SMOKE DAMPER
	FIRE DAMPER
	MOTORIZED DAMPER INTERCONNECTED WITH AHU
	VOLUME DAMPER
	FIRE SMOKE DAMPER W/ACCESS DOOR
	SIDEWALL REGISTER
	CEILING DIFFUSER
	CEILING GRILLE
	RETURN AIR GRILLE
	RELIEF AIR GRILLE
	AIR TRANSFER GRILLE
	EXHAUST GRILLE
	EXHAUST FAN
	AIR HANDLING UNIT
	CONDENSING UNIT
	ROOFTOP UNIT
	AIR COOLED CONDENSER UNIT
	WIRE MESH SCREEN
	OUTSIDE AIR LOUVER
	EXHAUST AIR LOUVER
	ABOVE FINISHED FLOOR
	DIFFUSER/GRILLE TYPE, REF. SCHEDULE
	DESIGN CFM (WHERE APPLICABLE)
	TOILET EXHAUST FAN
	KITCHEN EXHAUST FAN
	4-WAY DIRECTIONAL FLOW CEILING DIFFUSER (CD)
	3-WAY DIRECTIONAL FLOW CEILING DIFFUSER (CD)
	SIDE GRILLE (SG)
	EXHAUST GRILLE. (EG)
	RETURN GRILLE. (RG)
	THERMOSTAT
	FLEXIBLE DUCTWORK (FULLY STRETCHED)
	ELBOW WITH "AIRFOIL" TURNING VANES
	FULL RADIUS CURVED ELBOW R/W=1.5
	SUPPLY/RETURN AIR DUCTWORK
	DUCT TRANSITION

NOTE: HVAC LEGEND IS PROVIDED AS A GENERAL REFERENCE. SOME SYMBOLS SHOWN MAY NOT PERTAIN TO THIS PROJECT.

STANDARD DUCT SEALING REQUIREMENTS

(BASED ON SMACNA)

SEAL CLASS	SEALING REQUIREMENTS	APPLICABLE STATIC PRESSURE CONSTRUCTION STANDARD
A	ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL PENETRATIONS	4" WG AND UP (1000 PA)
B	ALL TRANSVERSE JOINTS AND LONGITUDINAL SEAMS ONLY	3" WG (750 PA)
C	TRANSVERSE JOINTS ONLY	2" WG (500 PA)

NOTE: IN ADDITION TO THE ABOVE, ANY VARIABLE AIR VOLUME SYSTEM DUCT OF 1" (250 PA) AND 1/2" WG (125 PA) CONSTRUCTION CLASS THAT IS UPSTREAM OF THE VAV BOXES SHALL MEET SEAL CLASS C.

MECHANICAL INDEX

		DRAWING		
1	M-1	MECHANICAL INDEX, SYMBOL LEGEND AND NOTES		
2	M-2	MECHANICAL DEMOLITION PLAN		
3	M-3	MECHANICAL PLAN		
4				
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SHOP DRAWING REQUIREMENTS

1. CONTRACTOR SHALL SUBMIT DIGITAL SHOP DRAWINGS, TOGETHER AT ONE TIME AND MUST COME THROUGH THE ARCHITECT. ALL SUBMITTALS SHALL BE MADE WITHIN 30 DAYS OF NOTICE TO PROCEED.
2. ALL SUBMITTALS MUST CLEARLY INDICATE EXACTLY WHICH ITEMS ARE BEING PROPOSED FOR USE. IF NOT, THE SUBMITTAL SHALL BE REJECTED.
3. SUBSTITUTIONS SHALL BE LIMITED TO ONE OF THE ALTERNATES LISTED IN THE CONSTRUCTION DOCUMENTS. PRODUCTS CONSIDERED TO BE EQUAL SHALL BE REVIEWED AND ACCEPTED BY THE ENGINEER, ARCHITECT AND OWNER (10) DAYS PRIOR TO BID DATE.
4. THE CONTRACTOR ASSUMES ALL DESIGN RESPONSIBILITY AND ALL FINANCIAL RISKS FOR PROCEEDING PRIOR TO SHOP DRAWINGS PROCESSING, AND ON ANY ITEM OR WORK THAT IS AT VARIANCE TO THE CONSTRUCTION DOCUMENTS.
5. CONTRACTOR SHALL SUBMIT DIGITAL EQUIPMENT LAYOUTS OF ALL ELECTRICAL SPACES, ROOMS, ETC. TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING EQUIPMENT OR INSTALLING CONDUITS, ETC. THE LAYOUTS SHALL CONSIST OF PLAN VIEWS AT A SCALE OF 1/2" = 1'0" AND ELEVATIONS FOR EACH SUCH SPACE OR ROOM, ETC.

COORDINATION NOTES

1. A/C CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE WORK FOR SIZE, LOCATION, CLEARANCE, ACCESS AND ELECTRICAL CHARACTERISTICS WITH ALL OTHER TRADES AND TO PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW BEFORE INSTALLATION OF DUCTWORK OR EQUIPMENT. SHOP DRAWING WILL INCLUDE BEAM OR STRUCTURE ELEVATION & REQUIRED EQUIPMENT ACCESS AREAS.
2. WALL, ROOF, AND CEILING OPENINGS INDICATED ON CONTRACTOR DRAWINGS ARE NOMINAL DIMENSIONS ONLY AND ALL DUCT, PIPE OR EQUIPMENT PENETRATIONS SHALL BE SLEEVED AND FIRE RATED AS REQUIRED, ADJUST OPENINGS.
3. COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH LIGHTS, SPRINKLERS AND ARCHITECTURAL ELEMENTS.
4. COORDINATE LOCATION OF A/C UNITS, THERMOSTATS, FANS AND DUCTWORK WITH BUILDING STRUCTURE AND OTHER TRADES SO THAT NO INTERFERENCES OCCUR.
5. IN GENERAL, DUCT OFFSETS HAVE NOT BEEN SHOWN. A/C CONTRACTOR TO COORDINATE THESE AS REQUIRED.
6. MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCH. PLUMBING, ELECTRICAL AND STRUCTURAL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS. DUCT AND PIPING OFFSETS, BENDS AND TRANSITIONS WILL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE, FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
7. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BIDDING, ORDERING, FABRICATION OR INSTALLATION OF MATERIALS OR EQUIPMENT.

REQUIREMENTS FOR SUBMITTALS

IF CONTRACTOR SUBMITS A DIFFERENT EQUIPMENT MANUFACTURER—MODEL, THE CONTRACTOR SHALL ASSURE THAT THE SUBSTITUTION HAS EQUAL OR BETTER ENERGY AND INDOOR ENVIRONMENTAL PERFORMANCE WHEN COMPARED TO THE EQUIPMENT SPECIFIED ON THE ORIGINAL CONSTRUCTION DOCUMENT.

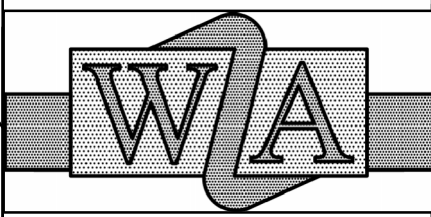
THE PROPOSED SUBSTITUTION SHALL ALSO BE CONSISTENT WITH THE FOLLOWING REQUIREMENTS:

- CAPACITY
- EFFICIENCY
- REFRIGERANT
- ELECTRICAL DATA
- WEIGHT
- AUTOMATIC CONTROL
- ANY SPECIAL NOTE OR ACCESSORY LISTED ON SCHEDULES

NOTE:
DRAWINGS/DETAILS ARE TO BE CONSIDERED DIAGRAMMATIC, NOT NECESSARILY SHOWING IN DETAIL OR TO SCALE ALL MINOR ITEMS. UNLESS SPECIFIC DIMENSIONS ARE SHOWN, THE STRUCTURAL, ARCHITECTURAL AND SITE CONDITIONS SHALL GOVERN EXACT LOCATIONS. CONTRACTOR SHALL FOLLOW DRAWINGS IN LAYING OUT WORK, AND CHECK/COORDINATE DRAWINGS OF ALL TRADES



GEORGE SANJUAN, P.E.
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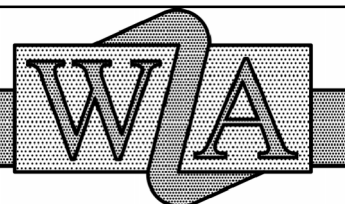
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M-1

MECHANICAL INDEX, SYMBOL,
LEGEND AND NOTES PLAN



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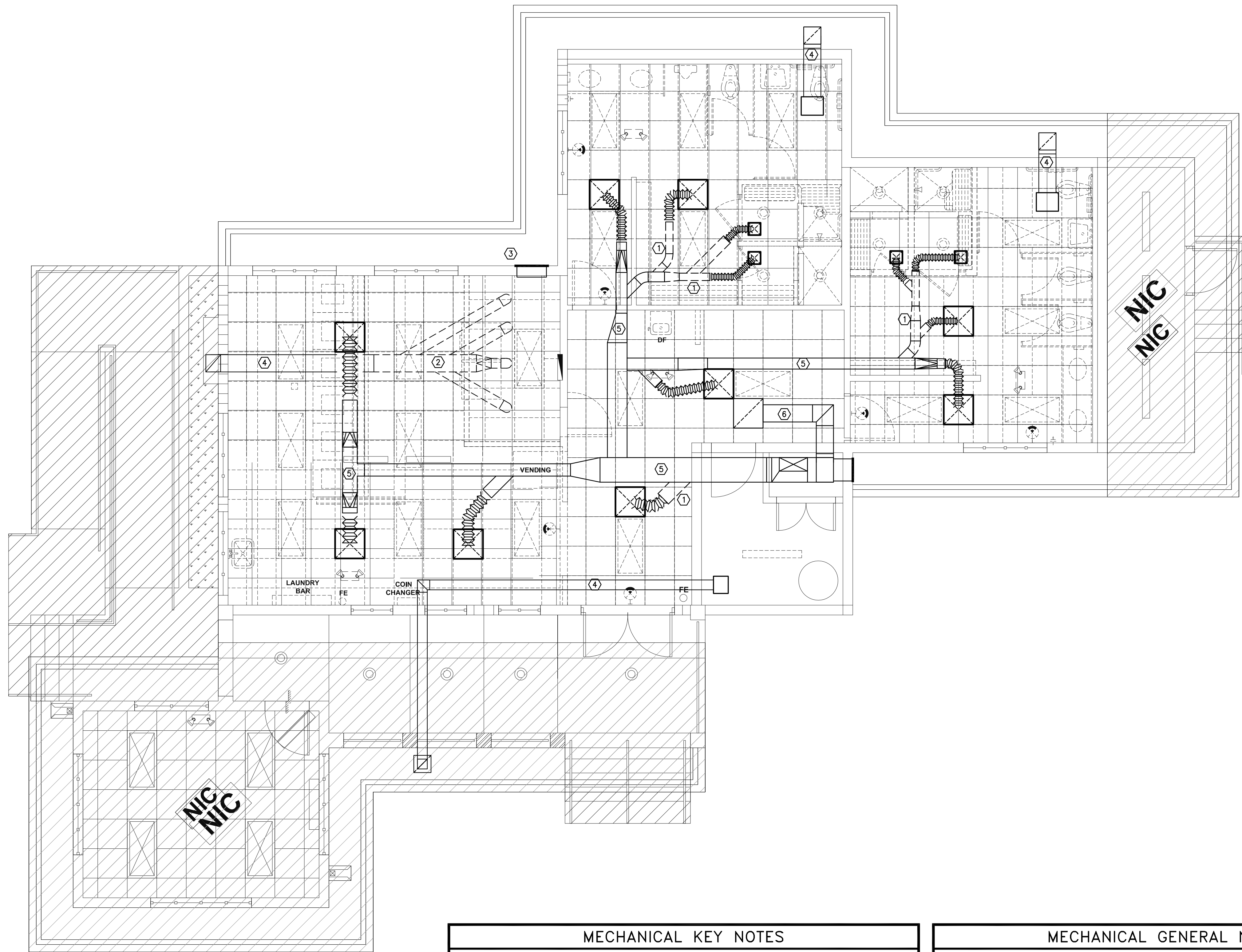
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MECHANICAL DEMOLITION
PLAN

CAM #23-1060
Exhibit 1
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MECHANICAL KEY NOTES

1. REMOVE SUPPLY DUCT PORTION.
2. REMOVE EXHAUST DUCT PORTION.
3. REMOVE OUTSIDE AIR INTAKE AND DUCT.
4. EXHAUST DUCT EXISTING TO REMAIN.
5. SUPPLY DUCT EXISTING TO REMAIN.
6. RETURN DUCT EXISTING TO REMAIN.

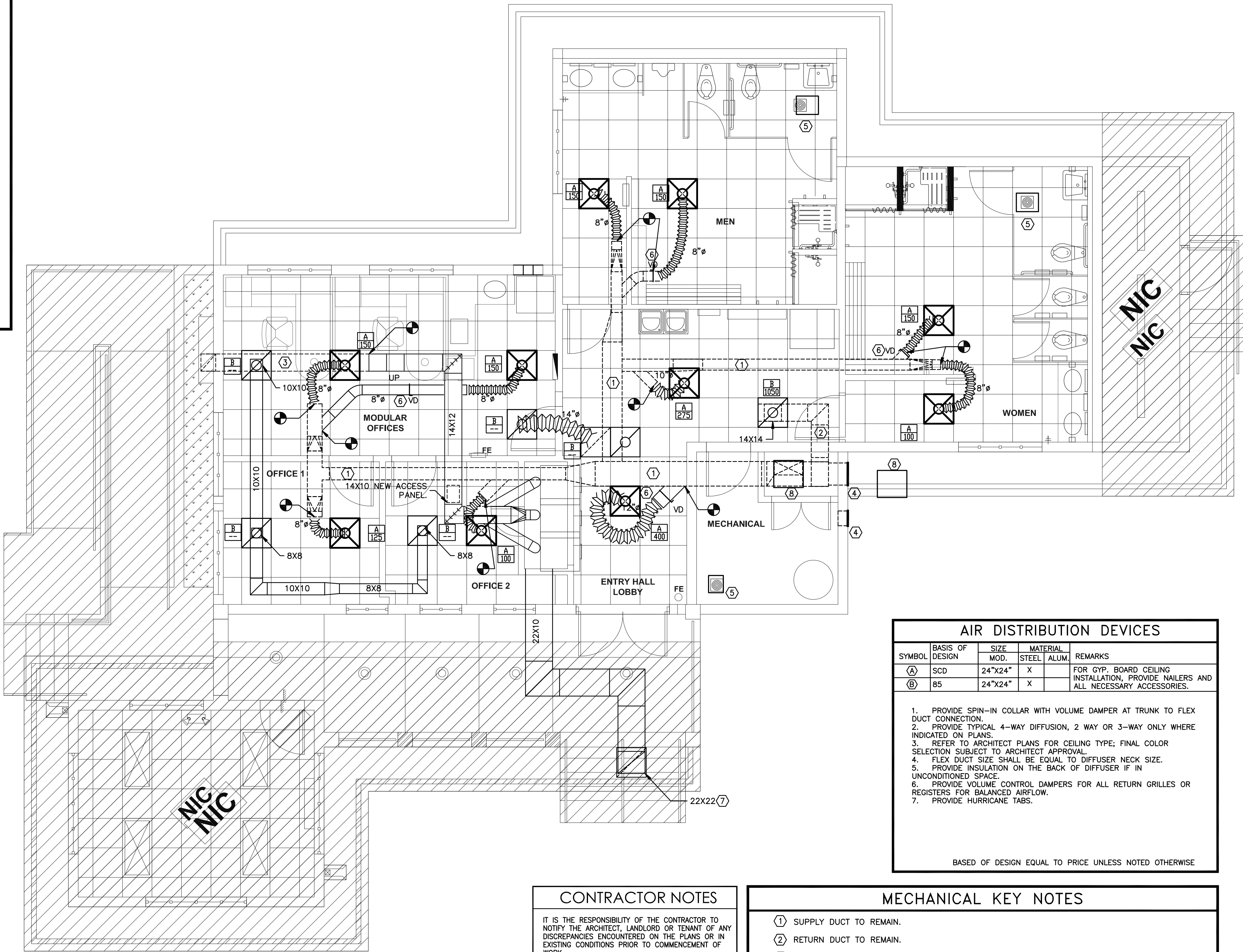
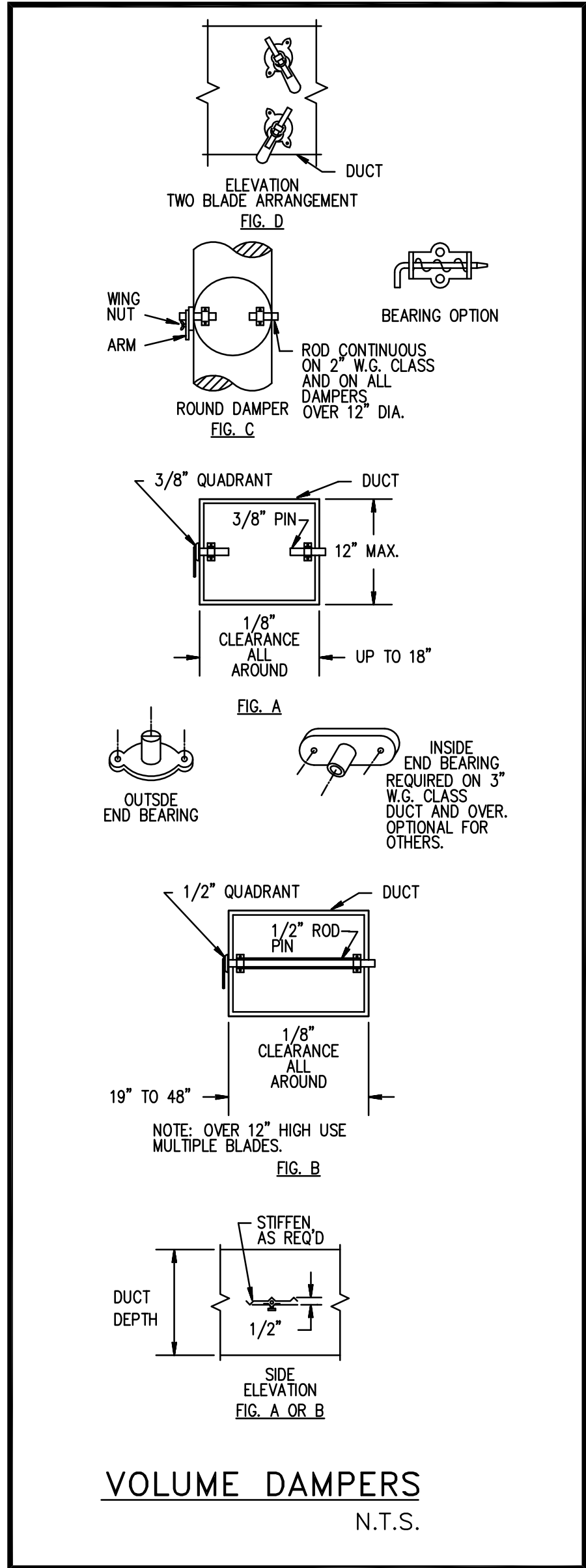
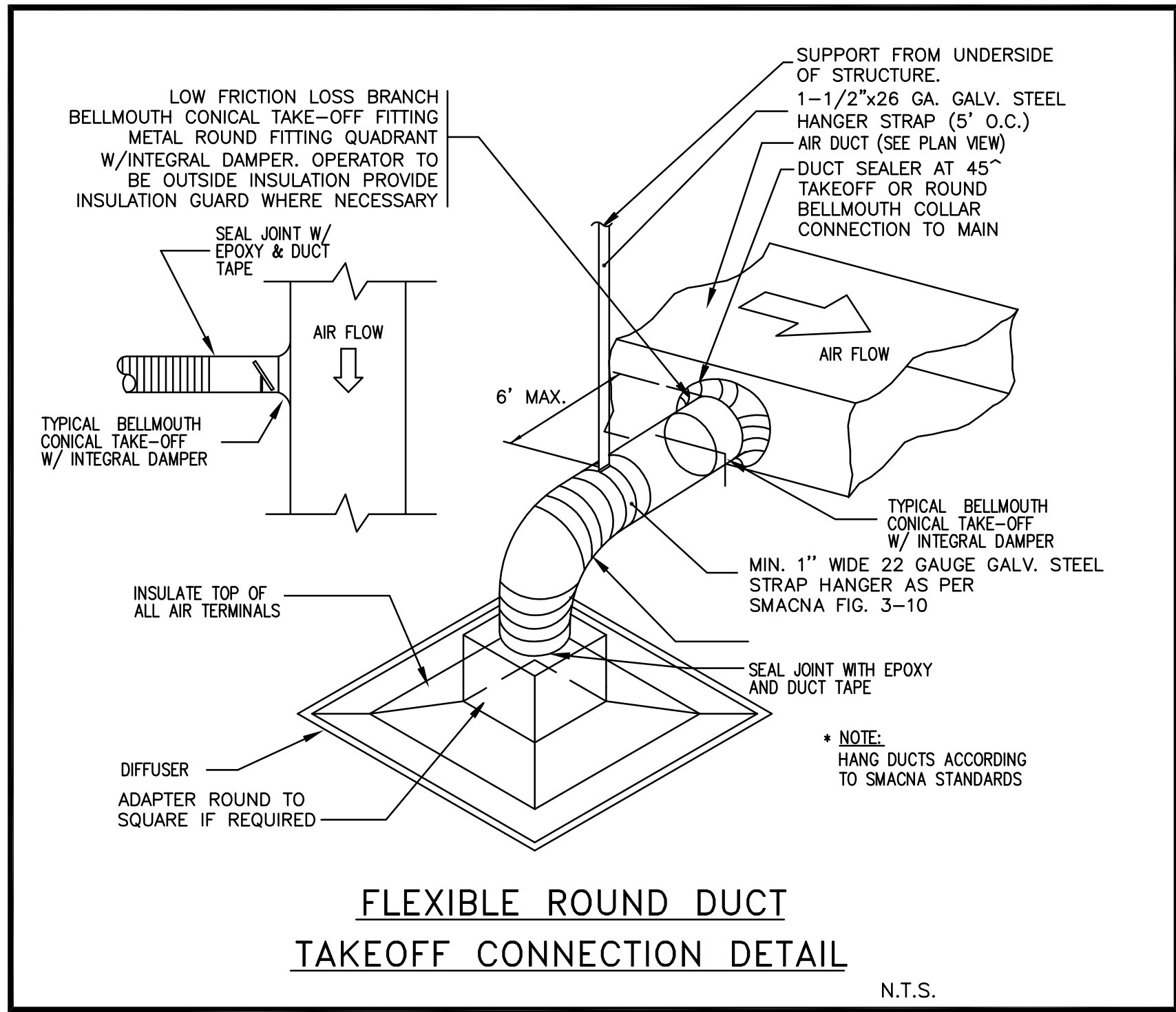
MECHANICAL GENERAL NOTES

1. REMOVE ALL EXISTING FLEXIBLE DUCTS.
2. REMOVE ALL EXISTING SUPPLY AND RETURN DIFFUSER AND GRILLES.
3. CONTRACTOR TO FIELD VERIFY OPERATION AND CONDITION OF EXHAUST FANS AND AHU/CU.

1

MECHANICAL DEMOLITION PLAN

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



AIR DISTRIBUTION DEVICES				
SYMBOL	BASIS OF DESIGN	SIZE MOD.	MATERIAL STEEL ALUM.	REMARKS
(A)	SCD	24"x24"	X	FOR GYP. BOARD CEILING INSTALLATION, PROVIDE NAILERS AND ALL NECESSARY ACCESSORIES.
(B)	BS	24"x24"	X	

1. PROVIDE SPIN-IN COLLAR WITH VOLUME DAMPER AT TRUNK TO FLEX DUCT CONNECTION.
2. PROVIDE TYPICAL 4-WAY DIFFUSION, 2 WAY OR 3-WAY ONLY WHERE INDICATED ON PLANS.
3. REFER TO ARCHITECT PLANS FOR CEILING TYPE; FINAL COLOR SELECTION SUBJECT TO ARCHITECT APPROVAL.
4. FLEX DUCT SIZE SHALL BE EQUAL TO DIFFUSER NECK SIZE.
5. PROVIDE INSULATION ON THE BACK OF DIFFUSER IF IN UNCONDITIONED SPACE.
6. PROVIDE VOLUME CONTROL DAMPERS FOR ALL RETURN GRILLES OR REGISTERS FOR BALANCED AIRFLOW.
7. PROVIDE HURRICANE TABS.

BASED OF DESIGN EQUAL TO PRICE UNLESS NOTED OTHERWISE

CONTRACTOR NOTES

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD OR TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

BIDDER ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEM AND DEVICES AS REQUIRED BY STATE AND LOCAL CODES WHETHER INDICATED OR NOT ON CONTRACT DOCUMENTS. THE SUBMISSIONS OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES / REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN, HAD AN EXAMINATION AND CODE REVIEW BEEN MADE, WILL NOT BE ALLOWED.

MECHANICAL KEY NOTES

- (1) SUPPLY DUCT TO REMAIN.
- (2) RETURN DUCT TO REMAIN.
- (3) EXHAUST DUCT TO REMAIN.
- (4) O/A DUCT INTAKE AND DUCT TO REMAIN.
- (5) EXISTING EXHAUST FAN AND DUCT TO REMAIN. CONTRACTOR TO PROVIDE MAINTAINANCE FOR OPTIMAL CONDITIONS OF OPERATION.
- (6) PROVIDE NEW VOLUME DAMPER.
- (7) NEW O/A LOUVER GREENHECK ESD-435 24X24 WITH MINIMUM 1.7 SQ.FT OF FREE AREA. KEEP 10FT APART OF ANY SOURCE OF EXHAUST.
- (8) EXISTING AHU AND CU TO REMAIN. REBALANCE TO 1750 SA, 1050 RA AND 700 O/A. CONTRACTOR TO PROVIDE MAINTAINANCE FOR OPTIMAL CONDITIONS OF OPERATION.

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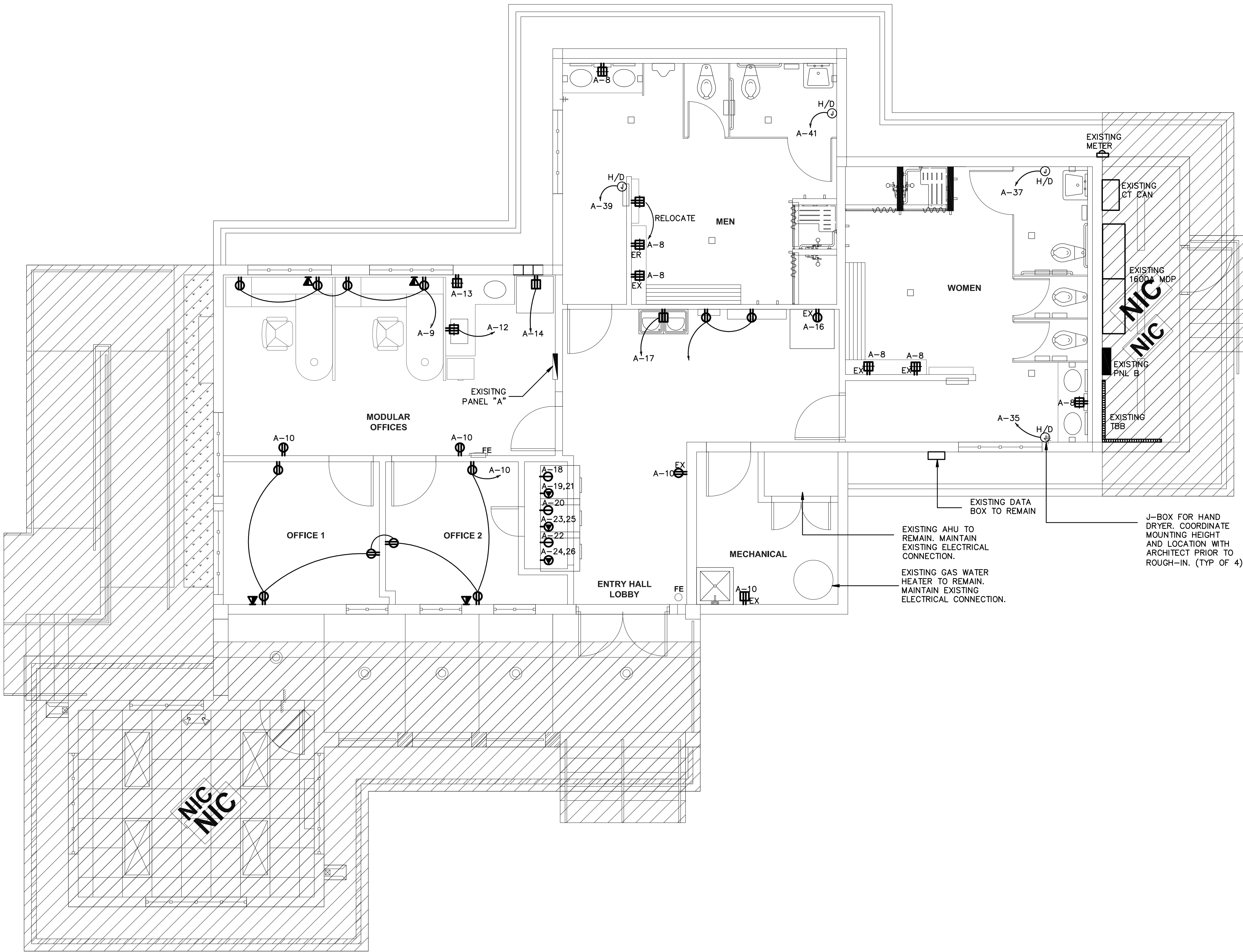
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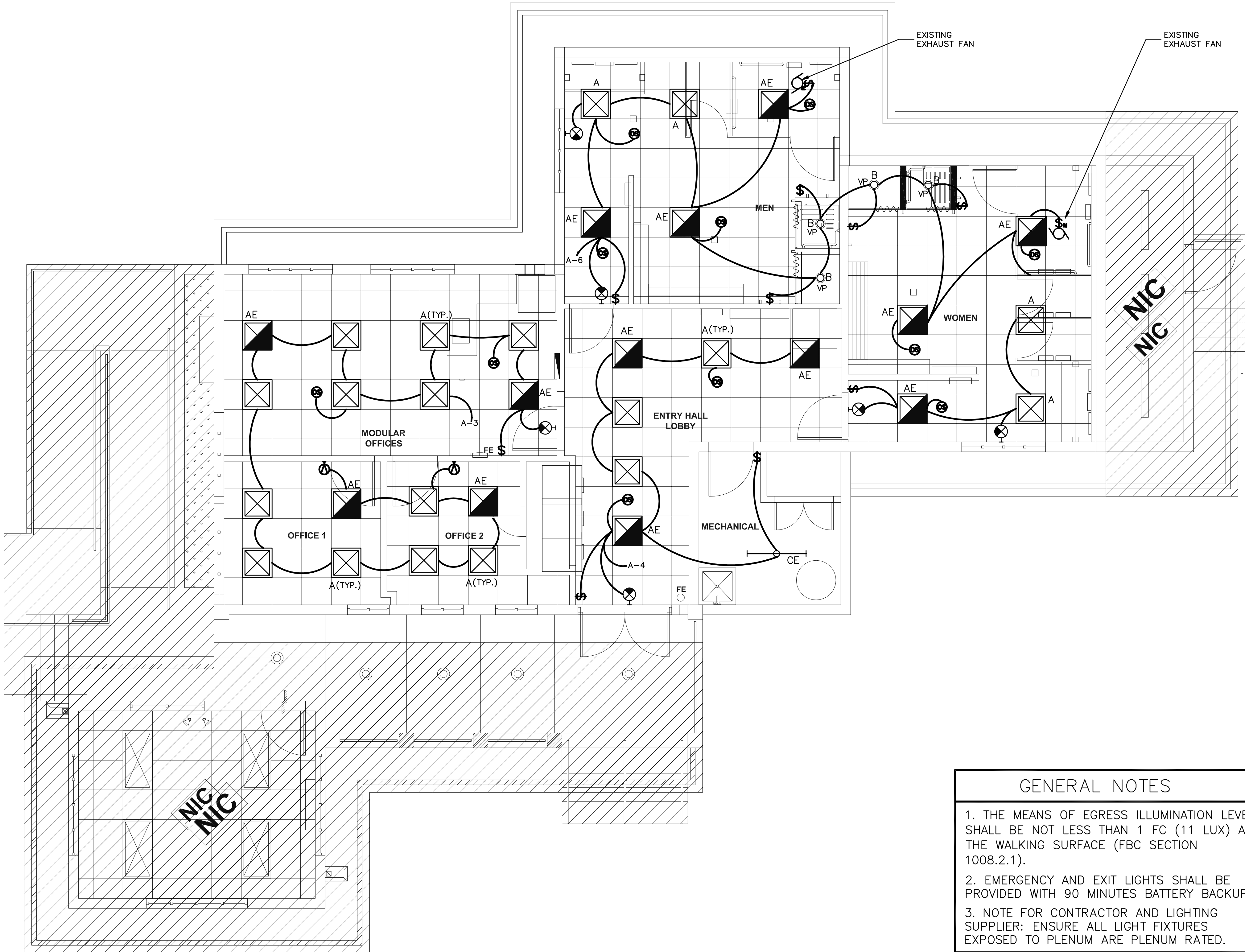
MECHANICAL PLAN

GENERAL ELECTRICAL NOTES	
(GENERAL NOTES ARE PROVIDED AS A BASIC DESCRIPTION OF THE EXTENT AND QUALITY EXPECTED IN THIS PROJECT. IF A CONFLICT EXISTS BETWEEN THESE GENERAL NOTES AND THE REMAINDER OF THE CONTRACT DOCUMENTS THE SPECIFICATIONS, PLANS AND DETAILS WILL GOVERN.)	
1. THE ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS: FLORIDA STATE FIRE MARSHAL'S RULE 69A-3.012 FAC AND RULE CHAPTER 69A-60 FLORIDA ADMINISTRATIVE CODE (FAC) AND FLORIDA STATUTE SECTION 633.022. A. NFPA 70: NATIONAL ELECTRICAL CODE (2017 EDITION) B. NFPA 101: LIFE SAFETY CODE (2018 EDITION) IN ADDITION, THE INSTALLATION SHALL ALSO BE IN ACCORDANCE WITH THE FOLLOWING: C. FLORIDA BUILDING CODE 2020 7th EDITION (FBC) D. FLORIDA FIRE PREVENTION CODE (2020 EDITION)	29. ALL FUSES SHALL BE CURRENT LIMITING, PER U.L., RATED 600V., UON. A. NON-TIME DELAY FUSES IN MAIN SWITCHES AND SWITCHES FEEDING PANELS. B. TIME DELAY FUSES FOR MOTOR AND A/C CIRCUITS. 30. ALL DISCONNECT SWITCHES SHALL BE SIZED AND LOCATED IN ACCORDANCE WITH THE REQUIREMENTS TO ACCOMMODATE EQUIPMENT SERVED, INCLUDING REQUIRED FUSES U.O.N. SWITCHES SHALL BE HORSEPOWER RATED FOR MAX. HORSEPOWER, HEAVY DUTY TYPE. 31. CONTRACTOR SHALL VERIFY CIRCUIT PROTECTIVE DEVICE RATING FOR EQUIPMENT PRIOR TO INSTALLATION. 32. FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR AIR CONDITIONING SYSTEM AS PER MANUFACTURER RECOMMENDATIONS. CONTROLS ARE TO BE SUPPLIED BY AIR CONDITIONING CONTRACTOR AND CONTROLLED. PROVIDE ALL CONTROL WIRING FOR A/C SENSING AND CONTROL UNITS, COORDINATE WITH A/C CONTRACTOR FOR WIRING DIAGRAMS AND EXACT MOUNTING LOCATIONS. 33. ALL ELECTRICAL EQUIPMENT SHALL BE RAINTIGHT WHERE EXPOSED TO THE WEATHER. ALL FLEX CONDUITS CONNECTED TO SUCH EQUIPMENT SHALL BE LIQUID TIGHT. 34. EQUIPMENT SHALL BE OF MATERIALS SUITABLE FOR AND NEMA RATED FOR THE ENVIRONMENT IN WHICH THEY ARE TO BE INSTALLED. 35. ALL CONNECTIONS TO GROUND RODS SHALL BE MADE WITH U.L. APPROVED WELDED CONNECTIONS, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL FORM A GROUNDING ELECTRODE SYSTEM AS PER NEC 250-50. 36. OUTLET IN DRY LOCATIONS BOXES SHALL BE PRESSED STEEL, IN WET OR DAMP LOCATIONS SHALL BE CAST ALLOY WEATHER-RESISTANT OUTLET WITH THREADED HUBS AND IN OTHER CLASSIFIED AREAS IT SHALL BE IN A SPECIAL ENCLOSURE. PROPER PLASTER RINGS SHALL BE USED WITH OUTLET BOXES. PROPER COORDINATION BETWEEN ELECTRICAL SUBCONTRACTOR AND GENERAL CONTRACTOR FOR PLASTER RING INITIATION WILL BE REQUIRED. NO "GOOF" RINGS SHALL BE ALLOWED. ALL OUTLET BOXES SHALL BE METERED AND THE BOXES SHALL NOT EXCEED 64516 SQUARE MM (100 SQUARE INCHES) PER 9.29 SQUARE METERS (100 SQUARE FEET). 37. WHEN ELECTRICAL BOXES ARE LOCATED IN VERTICAL FIRE RESISTIVE ASSEMBLIES, (CLASSIFIED AS FIRE/SMOKE AND SMOKE PARTITIONS), THEY SHALL BE INSTALLED WITHOUT AFFECTING THE FIRE CLASSIFICATION. ALL OF THE FOLLOWING CONDITIONS SHALL BE MET: A. ALL ELECTRICAL BOXES SHALL BE METALLIC. B. BOX OPENING SHALL OCCUR ONLY ON ONE SIDE OF FRAMING SPACE. C. BOX OPENING SHALL NOT EXCEED 10322.56 SQUARE MM (16SQUARE INCHES). D. ALL CLEARANCES BETWEEN OUTLET BOX AND GYPSUM BOARD SHALL BE COMPLETELY FILLED WITH JOINT COMPOUND (OR OTHER APPROVED MATERIAL). E. PROVIDE A WALL AROUND OUTLETS LARGER THAN 10322.56 SQUARE MM (16 SQUARE INCHES), THE INTEGRITY OF THE WALL RATING SHALL BE MAINTAINED. F. THE TOTAL AGGREGATE SURFACE AREA OF THE BOXES SHALL NOT EXCEED 64516 SQUARE MM (100 SQUARE INCHES) PER 9.29 SQUARE METERS (100 SQUARE FEET). G. OUTLET BOXES LOCATED ON OPPOSITE SIDES OF FIRE RESISTIVE ASSEMBLIES SHALL BE SEPARATED BY A MINIMUM HORIZONTAL DISTANCE OF 609.6MM (24 INCHES). H. OUTLET BOXES SHALL BE SECURELY FASTENED TO WALL FRAMING MEMBERS. I. THE OPENING IN THE GYPSUM BOARD FACING SHALL BE CUT NOT TO EXCEED 3.175MM (1/8 INCH) BETWEEN THE EDGES OF THE OUTLET BOX AND THE EDGES OF THE OPENING. 38. SMOKE DETECTORS SHALL BE PROVIDED NO CLOSER THAN 36" FROM SUPPLY AIR DIFFUSERS. 39. CONTRACTOR SHALL PROVIDE A TYPE WRITTEN DIRECTORY OF EACH PANELBOARD. HAND WRITTEN DIRECTORY IS NOT ACCEPTABLE, EXCEPT SPARE AND SPACES SHALL BE HANDWRITTEN IN PENCIL. 40. PROVIDE A 4" STEEL REINFORCED CONCRETE HOUSEKEEPING PAD UNDER ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT. 41. A. WORKING CLEARANCES FOR ELECTRICAL EQUIPMENT SHALL BE IN COMPLIANCE WITH NEC 110.26 B. THE EXCLUSIVELY DEDICATED SPACE EXTENDING FROM FLOOR TO STRUCTURAL CEILING WITH A WIDTH AND DEPTH OF THE PANELBOARD OR SWITCHBOARD MUST BE CLEARED OF ALL PIPING, DUCTS, EQUIPMENT FOREIGN TO THE ELECTRICAL EQUIPMENT OR ARCHITECTURAL APPURTENANCES IN ACCORDANCE WITH NEC 408. 42. METER CANS, HUBS, & LUGS FOR SAME ARE TO BE FURNISHED & INSTALLED BY CONTRACTOR. CONTRACTOR TO VERIFY SPECIFIC TYPE OF METER CAN TO BE USED WITH F.P.L. PRIOR TO BID. 43. A. PROVIDE A PERMANENT SIGN ON THE MAIN ELECTRICAL ROOM DOOR TO THE BLDG. STATING THAT THE SERVICE DISCONNECTS ARE LOCATED INSIDE. B. SIGNS SHALL BE PLACED AT THE MAIN DISCONNECT EQUIPMENT INDICATING TYPE AND LOCATION OF ON-SITE EMERGENCY POWER SOURCES. 44. THE EQUIPMENT GROUNDING TERMINAL BARS OF THE NORMAL AND EMERGENCY ELECTRICAL SYSTEM PANELBOARDS SERVING THE SAME BUILDING SHALL BE BONDED TOGETHER WITH AN INSULATED, CONTINUOUS, COPPER CONDUCTOR NOT SMALLER THAN NUMBER 6. 45. THE ELECTRICAL CONTRACTOR SHALL FURNISH A COMPLETE SET OF AS-BUILT DRAWINGS, SHOWING ALL CHANGES AND DEVIATIONS TO THE ARCHITECT/ENGINEER PRIOR TO COMPLETION OF THE PROJECT. 46. ARCHITECTURAL AND/OR ENGINEERING EXPENSES THAT ARE INCURRED DUE TO REVISIONS OR SUBSTITUTIONS REQUESTED BY THE CONTRACTOR SHALL BE PAID FOR BY THAT CONTRACTOR. 47. FOR TELEPHONE SYSTEMS: A. PROVIDE GROUNDING FOR ALL TELEPHONE OUTLETS AND EQUIPMENT PER REQUIREMENTS OF THE TELEPHONE COMPANY. B. COORDINATE INSTALLATION OF ALL TELEPHONE OUTLETS, RACEWAYS, ENCLOSURES AND BACKBOARDS WITH TELE. CO. C. VERIFY LOCATION OF TELEPHONE SERVICE WITH TELEPHONE COMPANY. PROVIDE SERVICE CONDUIT TO BLDG. FROM SERVICE POINT PER TELCO. INSTRUCTIONS, INCLUDE ALL ASSOCIATED COSTS IN BID. D. MARK TERMINATIONS OF TELEPHONE CONDUIT AS DIRECTED BY THE TELEPHONE COMPANY. E. VERIFY LOCATION OF TELEPHONE SERVICE WITH TELEPHONE COMPANY PRIOR TO SUBMITTING BID, INCLUDE ALL ASSOCIATED COSTS IN BID. F. USE EXTERIOR GRADE 3/4" PLYWOOD BACKBOARDS FOR MOUNTING TELEPHONE EQUIPMENT AND TERMINAL STRIPS. PAINT BOARD ON ALL SIDES AND EDGES WITH TWO COATS OF FLAT BLACK FIRE RETARDANT PAINT. 48. INDUSTRIAL CONTROL TYPE TRANSFORMERS SHALL BE PROVIDED WITH FINGERSAFE COVERS AND PRIMARY FUSE PROTECTION AS REQUIRED PER NEC 450-3. MOUNT TRANSFORMERS ON 4"x4" JUNCTION BOX ABOVE ACCESSIBLE CEILINGS OR ELECTRICAL ROOMS. 49. DWELLING UNITS: ALL 120-VOLT SINGLE-PHASE, 15A/20A, BRANCH CIRCUITS SUPPLYING OUTLETS OR LEX DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY ARC-FAULT TECHNOLOGY IN ACCORDANCE WITH NEC 210.12(A) 1-6. 50. PROVIDE U.L. LISTED COMPOUND APPLIED TO BACK OF "BACK TO BACK" BOXES IN RATED WALLS WHERE THE BOXES ARE LESS THAN 609.6MM (24 INCHES) APART MEASURED HORIZONTALLY. 51. CONTRACTOR SHALL PROVIDE TYPED, UPDATED PANEL DIRECTORIES ON ALL PANELS THAT ARE AFFECTED AT THE COMPLETION OF THE JOB. 52. FOR RECEPTACLES IN DAMP AND WET LOCATIONS THE CONTRACTOR SHALL PROVIDE ALL 125V. AND 250V., 15A, AND 20A, RECEPTACLES THAT ARE LISTED AS WEATHER RESISTANT TYPE TO COMPLY WITH NEC ARTICLE 408.8. 53. SERVICE EQUIPMENT IN OTHER THAN DWELLING UNITS SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. THE FIELD MARKING(S) SHALL INCLUDE THE DATE THE FAULT CURRENT CALCULATION WAS PERFORMED AND BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED, COMPLY FULLY WITH NEC 110.16. 54. VOLTAGE DROP 1. CONDUCTORS FOR ALL FEEDERS SHALL BE INCREASED FROM SIZES INDICATED ON DRAWINGS TO PREVENT VOLTAGE DROP EXCEEDING 2%. 2. CONDUCTORS FOR ALL BRANCH CIRCUITS SHALL BE INCREASED FROM SIZES INDICATED ON DRAWINGS TO PREVENT VOLTAGE DROP EXCEEDING 3% FROM THE FURTHEST DEVICE. 3. DETERMINING CONDUCTOR SIZES SHALL BE BASED ON BOX OF THE BREAKER RATING. 4. FOR DETERMINATION OF WIRE SIZE FOR BID PURPOSES: * INCREASE WIRE BY 1 WIRE SIZE FOR RUNS 60 FT. TO 100 FT. * INCREASE WIRE BY 2 WIRE SIZES FOR RUNS 100 FT. TO 150 FT. * INCREASE WIRE BY 3 WIRE SIZES FOR RUNS FROM 150 FT. TO 230 FT.
GENERAL LIGHTING NOTES:	
1. CONTRACTOR SHALL COMPLY WITH 2020 FBC SECTION R404.1. MINIMUM OF 90% OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICIENCY LAMPS. MIN. 65L/W.. 2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHT FIXTURES. 3. COORDINATE TYPE OF CEILING FOR EACH FIXTURE WITH ARCHITECTURAL REFLECTED CEILING PLANS AND PROVIDE FIXTURE TRIM AS REQUIRED. 4. ALL LED DOWNLIGHTS SHALL USE LAMPS WITH 3500K TEMPERATURE, MINIMUM 30,000 HOUR LIFE, FOR LAMPS AND DRIVERS. 5. PROVIDE APPROVED FIRE RATED ENCLOSURES FOR ALL LIGHT FIXTURES LOCATED IN FIRE RATED CEILINGS. 6. FIXTURES IN AREAS WITHOUT CEILINGS, OR IN MECHANICAL AND ELECTRICAL ROOMS SHALL BE MOUNTED WITH 1 1/2"x1 1/2"KINDORF CHANNEL SUPPORT SUSPENDED FROM ROOF STRUCTURE WITH THREAD RODS. FIXTURES SHALL BE MOUNTED 10"-0" A.F.F. 7. ALL ACRYLIC LENSED FIXTURES SHALL HAVE A LENS THICKNESS OF .125 INCHES MINIMUM. 8. HALF SHADED FIXTURES DENOTE EMERGENCY FIXTURES EITHER WITH 1100 LUMEN EMERGENCY BATTERY PACK OR ON LIFE SAFETY CIRCUIT. 9. LIGHTING FIXTURE SCHEDULE IS PREDICTED ON PERFORMANCE AND IS DESIGNED TO MEET CERTAIN AESTHETIC CRITERIA. ALL ALTERNATIVE SELECTIONS MUST BE SUBMITTED FOR PRIOR APPROVAL TEN (10) DAYS PRIOR TO BID DATE. 10. ALL BALLASTS SHALL HAVE MINIMUM POWER FACTOR OF 0.90. ALL BALLASTS FOR METAL HALIDE AND HIGH PRESSURE SODIUM FIXTURES SHALL BE CONSTANT WATTAGE TYPE WITH +/-5% LAMP WATTS FOR +/-10% NOMINAL LINE VOLTAGE VARIATION. 11. PROVIDE LAMPS WITH FIXTURES, VERIFY LAMP TYPE WITH MANUFACTURER. 12. FLUORESCENT LUMINAIRES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLAST(S) OR MULTIWIRE BALASTED LUMINAIRES SHALL CONTAIN AN INTEGRATED INTERNAL DISCONNECT AND TO BE COMPLIED WITH NEC 410.130(G). 13. ALL OPENINGS FOR LIGHT FIXTURES IN CEILINGS SHALL BE PROTECTED IN A MANNER (PER ALL GOVERNING CODES) THAT WILL PROVIDE THE SAME RATING AS THE CEILING. (THIS APPLIES TO ALL FIRE RATED CEILINGS). 14. FOR EMERGENCY EXIT SIGNS AND EMERGENCY BATTERY PACKS MAKE CONNECTION TO THE GENERAL LIGHTING CIRCUIT IN THE IMMEDIATE AREA AHEAD OF ALL SWITCHES AND CONTROLS.	15. THE CONTRACTOR SHALL SUBMIT PHOTOMETRICS FOR MEANS OF EGRESS ILLUMINATION MEETING REQUIREMENTS OF FBC 1008.1. 1FC UNDER NORMAL POWER; UNDER EMERGENCY POWER, 1FC AVERAGE, AND 0.1FC MINIMUM. 17. PHOTOMETRICS ARE BASED ON MANUFACTURER'S INFORMATION AND CATALOG NUMBERS. ALTERNATIVE MANUFACTURERS MUST PROVIDE THE IESNA FORMAT ELECTRONIC FILES OF THE INDEPENDENT TEST LAB REPORTS FOR THE PROPOSED FIXTURES TO WORKING DAYS PRIOR TO BID. (SPECIFIER) WILL CONFIRM THAT THE PHOTOMETRIC CRITERIA HAS BEEN MET, AND IF ALTERNATE IS APPROVED WILL ISSUE AN ADDENDUM. MANUFACTURERS NOT LISTED ON THE PLANS OR IN AN ADDENDUM WILL NOT BE ACCEPTED. 18. TO CONFIRM THAT THE SPECIFIED PHOTOMETRIC CRITERIA HAS BEEN MET, PHOTOMETRIC DRAWINGS FOR THE PROPOSED ALTERNATE MUST BE SUBMITTED TO (SPECIFIER) FOR EVALUATION NO LESS THAN 10 DAYS PRIOR TO BID. ANY ACCEPTABLE ALTERNATE MUST BE APPROVED IN WRITING PRIOR TO BID DATE. 19. CONTRACTOR MUST BID PROJECT USING SPECIFIED LIGHTING FIXTURES AS BASE BID (NO EXCEPTIONS). IF ALTERNATE FIXTURES ARE PROPOSED, THEY MUST BE BID AS AN ALTERNATE BID MUST INCLUDE: A) TOTAL DOLLAR CREDIT TO OWNER IF ALTERNATE IS ACCEPTED. B) LINE ITEM CREDIT FOR EACH ALTERNATE FIXTURE PROPOSED. C) CATALOG SUBMITTAL DATA FOR EACH ALTERNATE FIXTURE PROPOSED. 20. IF THERE IS A DISCREPANCY BETWEEN A FIXTURE DESCRIPTION AND GENERAL NOTES, AND THE CATALOG NUMBER LISTED, THE FIXTURE DESCRIPTION AND GENERAL NOTES SHALL GOVERN. 21. COORDINATE FIXTURE TYPES WITH ARCHITECTURAL DRAWINGS. 22. INTERNALLY ILLUMINATED EXIT SIGNS SHALL NOT EXCEED 5 WATTS PER SIDE. 23. RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES. ALL RECESSED LUMINAIRES SHALL BE IC-RATED AND LABELED AS MEETING ASTM E 283 WHEN TESTED AT 75 PS PRESSURE. DIFFERENTIAL WITH NO MORE THAN 2.0 CFM OF AIR MOVEMENT FROM THE CONDITIONED SPACE TO THE CEILING CAVITY. ALL RECESSED LUMINAIRES SHALL BE SEALED WITH A GASKET OR CAULK BETWEEN THE HOUSING AND THE INTERIOR WALL OR CEILING COVERING. 24. ALL LUMINAIRES INSTALLED IN WET LOCATIONS SHALL BE MARKED "SUITABLE FOR WET LOCATIONS". ALL LUMINAIRES INSTALLED IN DAMP LOCATIONS SHALL BE MARKED "SUITABLE FOR WET LOCATIONS" OR "SUITABLE FOR DAMP LOCATIONS" IN COMPLIANCE WITH N.E.C. 410.4A.

ELECTRICAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	<p>LIGHTING (REFER TO LIGHTING FIXTURE SCHEDULE)</p> <p>LIGHT FIXTURE DESIGNATION.</p> <p>LIGHTING FIXTURE, SURFACE MOUNTED</p> <p>LIGHTING FIXTURE (HID, FLUORESCENT OR INCANDESCENT), RECESSED MTD.</p> <p>LIGHTING FIXTURE, WALL MOUNTED</p> <p>EXIT LIGHT FIXTURE. DIRECTION ARROWS AS SHOWN</p> <p>WALL MOUNTED EXIT LIGHT FIXTURE (SHADED QUADRANT INDICATES FACE(S) OF FIXTURE)</p> <p>2 X 2 FLUORESCENT LIGHT FIXTURE W/ EMERG. 90 MIN. BATTERY PACK</p> <p>2 X 4 FLUORESCENT LIGHT FIXTURE</p> <p>DIAGONAL SHADING DENOTES LIGHT FIXTURE CONNECTED TO EMERGENCY BRANCH CIRCUIT OR, W/EMERG. 90 MIN. BATTERY PACK.</p> <p>1 X 4 FLUORESCENT LIGHT FIXTURE</p> <p>DIAGONAL SHADING DENOTES LIGHT FIXTURE CONNECTED TO EMERGENCY BRANCH CIRCUIT OR, W/EMERG. 90 MIN. BATTERY PACK.</p> <p>FLUORESCENT WALL MOUNTED FIXTURE WITH WALL OUTLET BOX</p> <p>FLUORESCENT STRIP FIXTURE</p> <p>DIAGONAL SHADING DENOTES LIGHT FIXTURE CONNECTED TO EMERGENCY BRANCH CIRCUIT OR, W/EMERG. 90 MIN. BATTERY PACK.</p> <p>EXTERIOR LIGHT FIXTURE WITH ARMS AS SHOWN ON DRAWINGS</p> <p>EMERGENCY BATTERY WALL PACK WITH TWIN HEADS</p> <p>TOGGLE SWITCH 120/277V. 20 AMP. (M.H.= 48" A.F.F.)</p> <p>TOGGLE SWITCH 120/277V. 20 AMP. (M.H.= 48" A.F.F.), 3-WAY</p> <p>TOGGLE SWITCH 120/277V. 20 AMP. (M.H.= 48" A.F.F.), 4-WAY</p> <p>LIGHTING CONTROL BY-PASS SWITCH, (MAX. 2 HOUR OVER-RIDE).</p> <p>TOGGLE SWITCH 120/277V. 20 AMP. KEYSWITCH, (M.H.= 48" A.F.F.)</p> <p>FAN SWITCH 120/277V. 20 AMP. (HORSEPOWER RATED)</p> <p>30-MINUTE ROTATABLE TIMER SWITCH (M.H.= 48" A.F.F.)</p> <p>TOGGLE SWITCH 120/277V. 20 AMP., WITH PILOT LIGHT, (M.H.=48" A.F.F.)</p> <p>TOGGLE SWITCH 120/277V. 20 AMP. EXPLOSION-PROOF, (M.H.=48" A.F.F.)</p> <p>SPEED SWITCH 120/277V. 20 AMP. U.O.N. (M.H. = 48" A.F.F.)</p> <p>SINGLE PHASE MANUAL MOTOR STARTER, (M.H.=48" A.F.F.)</p> <p>DIMMER SWITCH 120/277V. 20 AMP., (M.H.=48" A.F.F.) (1500 WATTS UNLESS OTHERWISE INDICATED)</p> <p>THREE-WAY DIMMER SWITCH (48" A.F.F.)</p> <p>SINGLE POLE SWITCH (48" A.F.F.) (SUBSCRIPT INDICATES ITEM CONTROLLED)</p> <p>PANIC SWITCH, MUSHROOM TYPE, (M.H.=48" A.F.F.)</p> <p>WALL MOUNTED - OCCUPANCY SENSOR SWITCH, (M.H.=48" A.F.F.) MFOR./MODEL# SENSOR SWITCH/WM5D-PDT (a, b) or (2) INDICATES TWO POLE SWITCH - WSD-PDT-2P LV INDICATES LOW VOLTAGE - WSD-PDT-LV</p> <p>CEILING MOUNTED OCCUPANCY SENSOR - LIGHTING CIRCUIT CONTROLLER. MFOR./MODEL# (SENSOR SWITCH/FCM-PDT)</p> <p>CEILING MOUNTED DUAL TECHNOLOGY EXTENDED RANGE OCCUPANCY SENSOR - LIGHTING CIRCUIT CONTROLLER. SENSOR SWITCH/FCM-PDT-10.</p> <p>WALL MOUNTED - OCCUPANCY SENSOR (M.H.=96" A.F.F.) MFOR./MODEL#WV-PDT</p> <p>POWER PACK</p>
	<p>OCCUPANCY SENSOR NOTE:</p> <p>CONTRACTOR SHALL PROVIDE ALL SWITCHPACKS AND CONDUCTORS AS REQUIRED FOR LAYOUTS AND CONTROLS SHOWN ON PLANS.</p> <p>IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND INSTALL A COMPLETE AND FULLY FUNCTIONAL LIGHTING CONTROL SYSTEM IN ACCORDANCE WITH THE PLANS, DETAILS, INTENT OF THE DESIGN AND SPECIFICATIONS SHOWN ON THESE PLANS.</p>
	<p>BASIC MATERIALS</p> <p>DUPLEX RECEPTACLE, 20 AMP., 125V., (M.H.=18" A.F.F.)</p> <p>FLOOR OUTLET BOX AND DUPLEX RECEPTACLE 20 AMP., 125V., WITH APPROPRIATE FLANGE.</p> <p>CEILING OUTLET BOX AND DUPLEX RECEPTACLE 20A, 125V.</p> <p>DUPLEX RECEPTACLE, 20 AMP., 125V., TOP HALF SWITCHED, M.H. = 18" A.F.F. UNLESS OTHERWISE NOTED.</p> <p>DUPLEX RECEPTACLE, 20 AMP., 125V., ISOLATED GROUND AND SURGE PROTECTED, (M.H.=18" A.F.F.)</p> <p>SINGLE RECEPTACLE, 20 AMP., 125V., COORDINATE M.H. WITH EQUIPMENT.</p> <p>SIMPLEX RECEPTACLE (16" A.F.F.) (EWC DENOTES ELECTRIC WATER COOLER. COORDINATE WITH EWC INSTALLER FOR MOUNTING HEIGHT)</p> <p>TWO DUPLEX RECEPTACLES WITH COMMON COVER 20A., 125V.,(18" A.F.F.)</p> <p>TWO DUPLEX RECEPTACLES WITH COMMON COVER 20A., 125V.,(42" A.F.F.)</p> <p>DUPLEX RECEPTACLE, 20 AMP., 125V., MOUNT ABOVE COUNTER @42" AFF.</p> <p>SPECIAL PURPOSE OUTLET e.g. RANGE OUTLET, COORD. W/ EQUIPT.</p> <p>GFCI DUPLEX RECEPTACLE, 20 AMP., 125V., (M.H.=18" A.F.F.)</p> <p>GFCI DUPLEX RECEPTACLE, 20 AMP., 125V., MTD. ABOVE COUNTER (VERIFY HEIGHT)</p> <p>30 AMP., 125V., TWIST LOCK RECEPTACLE FOR FLOOR POLISHING MACHINE</p> <p>JUNCTION BOX, MOUNTING AS SHOWN</p> <p>POWER POLE</p> <p>ELECTRIC MOTOR, NUMBER INDICATES HORSEPOWER</p> <p>MAGNETIC MOTOR STARTER OR CONTACTOR.</p> <p>COMBINATION MAGNETIC MOTOR STARTER, SIZE AS NOTED</p> <p>DISCONNECT SWITCH, SIZE AS NOTED</p> <p># OF POLES</p> <p>AMP RATING/FRAME</p> <p>ENCLOSURE TYPE: NEMA 3R- FOR EXTERIOR NEMA 1- FOR INTERIOR</p> <p>FUSE SIZE (* DENOTES AS PER MANUFACTURER)</p> <p>LIGHTING CONTROL TIME CLOCK</p> <p>PHOTOCELL, MOUNTED ON ROOF FACING NORTH</p> <p>SHUNT-TRIP BUTTON - FLUSH MOUNTED UNLESS OTHERWISE NOTED</p> <p>PLUG-IN STRIP WITH RECEPTACLES, 18" O.C. UNLESS OTHERWISE INDICATED</p> <p>CABLE TRAY</p> <p>GROUND OR GROUND ROD AS NOTED</p> <p>CONDUIT TURNING UP</p> <p>CONDUIT TURNING DOWN</p> <p>CONDUIT STUB</p> <p>CONDUIT CONTINUED</p>
	<p>NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.</p>

SYSTEMS SYMBOL LEGEND			
SYMBOL	DESCRIPTION		
	CALL BACK PUSH BUTTON		
	CIRCUIT BREAKER, TYPE AND SIZE AS PER DRAWINGS.		
	SECURITY SYSTEM KEYPAD		
	CLOCK		
	BELL		
	AIR HANDLING UNIT SHUT-DOWN RELAY		
	POWER ON INDICATOR WITH KEYED RESET		
<u>SERVICE AND DISTRIBUTION</u>			
	ELECTRICAL BRANCH CIRCUIT PANELBOARD, RECESS MOUNTED. (SEE PANEL SCHEDULE FOR DETAILS)		
	ELECTRICAL BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED. (SEE PANEL SCHEDULE FOR DETAILS)		
	TRANSFORMER, SIZE AS NOTED		
	AUTOMATIC TRANSFER SWITCH		
	EXISTING EQUIPMENT TO REMAIN		
	NEW EQUIPMENT OR WORK OF THIS PROJECT		
<u>TELEPHONE/COMPUTER RACEWAY SYSTEM</u>			
	TELEPHONE/COMPUTER TERMINAL BOARD "TTB"		
	INTERCOM SYSTEM SPEAKER		
	COMPUTER/TELEPHONE OUTLET WITH (2) 8-CONDUCTOR RJ-45 JACKS IN A SINGLE-GANG BOX MOUNTED AT 18" A.F.F.		
	C = ABOVE THE COUNTER		
	P = PUBLIC PAY (48" A.F.F.)		
	W = WALL MOUNTED (18" A.F.F.)		
	DATA/TELEPHONE PORT - CEILING MOUNTED		
	DATA/TELEPHONE PORT - FLOOR MOUNTED		
	TELEVISION SIGNAL WALL OUTLET (M.H. = 18" A.F.F.) WITH 8-CONDUCTOR RJ-45 JACK AND F-TYPE R66 COAX JACK IN SINGLE-GANG BOX.		
	TELEVISION SIGNAL WALL OUTLET F-TYPE R66 COAX JACK & COMPUTER/TELEPHONE OUTLET (2) 8-CONDUCTOR RJ-45 JACKS IN SINGLE-GANG BOX. (18" A.F.F.)		
<u>SECURITY SYSTEM</u>			
	SECURITY SYSTEM CAMERA, PROVIDE POWER AND SIGNAL CONNECTION, SEE SPECS.		
	SECURITY SYSTEM MONITORS AND RECORDERS, SEE SPECS.		
	SECURITY SYSTEM CARD READER, SEE SPECS.		
	SECURITY SYSTEM CABLES IN CONDUIT, SEE SPECS.		
	SECURITY SYSTEM JUNCTION BOX AT ACCESSIBLE LOCATION.		
	SECURITY SYSTEM HIDDEN PUSH BUTTON FOR DOOR STRIKE RELEASE, COORDINATE INSTALLATION WITH FURNITURE OR EQUIPMENT.		
	SECURITY SYSTEM SPEAKER WITH INTEGRAL MICROPHONE		
	SECURITY SYSTEM KNOX BOX		
NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.			
<u>ABBREVIATIONS</u>			
A.C.	ABOVE COUNTER	EX	EXISTING
A.F.	ARC FAULT	ER	EXISTING RELOCATED
A.F.F.	ABOVE FINISHED FLOOR	G.F.I.	GROUND FAULT INTERRUPTER
A.S.W.	ABOVE SHOW WINDOW RCPT.	L.C.	LOCKABLE COVER
B.C.C.	BELOW FINISHED CEILING	M.H.	MOUNTING HEIGHT
B.F.G.	BELOW FINISHED GRADE	N	NEW DEVICE
C.B.	CIRCUIT BREAKER	N.F.	NOT FIRED
CL	CENTER LINE	NL	NON LUG
D	DEDICATED FOR COMPUTER, PROVIDE DEDICATED GROUND AND NEUTRAL	RE	EXISTING TO BE REMOVED
IG	ISOLATED GROUND (ORANGE DEVICE)	T.C.	TERMINAL CABINET
		T.S.	TIME SWITCH
EM	PROVIDE EMERGENCY BATTERY PACK W/FIXTURE, CONNECT AHEAD OF ALL SWITCHES.	U.O.N.	UNLESS OTHERWISE NOTED
		WP.	WEATHER PROOF ENCLOSURE
		XFMR.	TRANSFORMER.
			DETAIL SHEET NUMBER
NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.			





GENERAL NOTES

1. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL BE NOT LESS THAN 1 FC (11 LUX) AT THE WALKING SURFACE (FBC SECTION 1008.2.1).
2. EMERGENCY AND EXIT LIGHTS SHALL BE PROVIDED WITH 90 MINUTES BATTERY BACKUP.
3. NOTE FOR CONTRACTOR AND LIGHTING SUPPLIER: ENSURE ALL LIGHT FIXTURES EXPOSED TO PLENUM ARE PLENUM RATED.

COOLEYS LANDING INTERIOR RENOVATION

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMPS		VOLTS	MOUNTING	REMARKS	INPUT WATTS
				Qty	Type				
A	CREE	ZR-22-D-26L-840-CV-UNV-10V5	2X2 LED TROFFER	1	LED INCLUDED	120/277	RECESSED		18W
AE	CREE	ZR-22-D-26L-840-CV-UNV-10V5-EB	2X2 LED TROFFER WITH EM	1	LED INCLUDED	120/277	RECESSED		18W
B	ATLANTIC	COMB-SYL15-4K-U/6CMFR-XX-DBGS	6" LED ROUND WET LOCATION DOWNLIGHT	1	LED INCLUDED	120/277	RECESSED		17W
CE	CREE	LS4-60L-840-R-UL-10V-EB	4" LED STRIP WITH EM	1	LED INCLUDED	120/277	SURFACE		45W
EX	EELP	XE2RW-EM	RED LED EXIT WITH EM	1	LED INCLUDED	120/277	SURFACE		4W

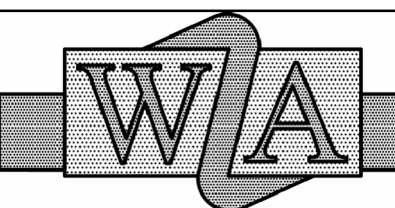
LIGHTING SCHEDULE NOTES:

1. For pricing please email Genesis Lighting at quotes@genesislighting.net, for technical questions please contact Ryan McCarthy at 850-980-5708

1

LIGHTING PLAN

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



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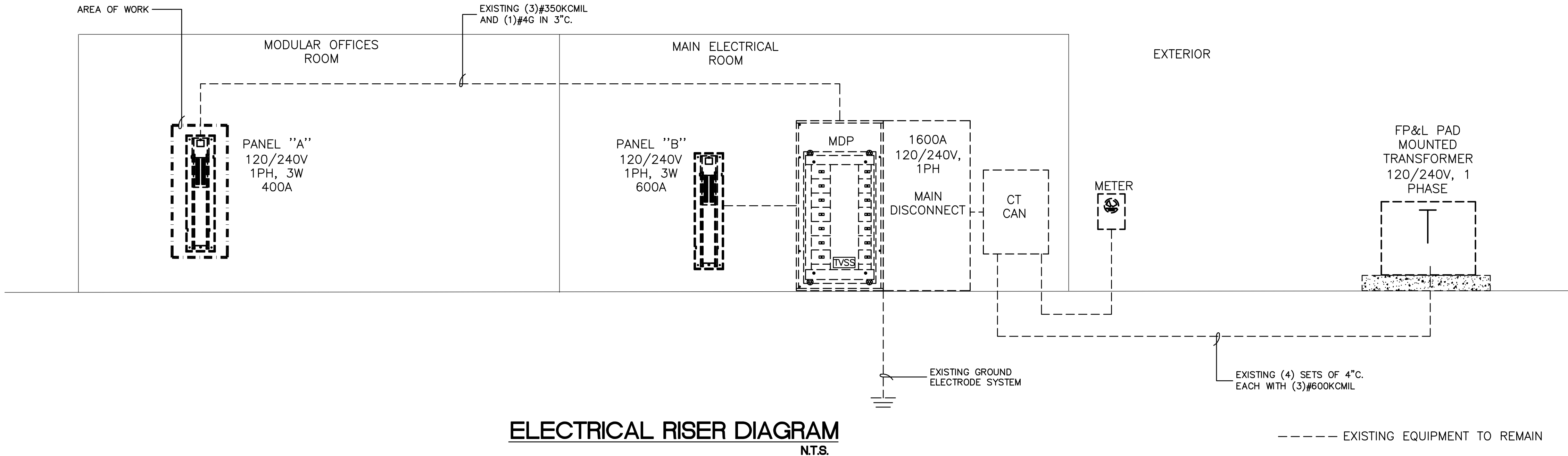
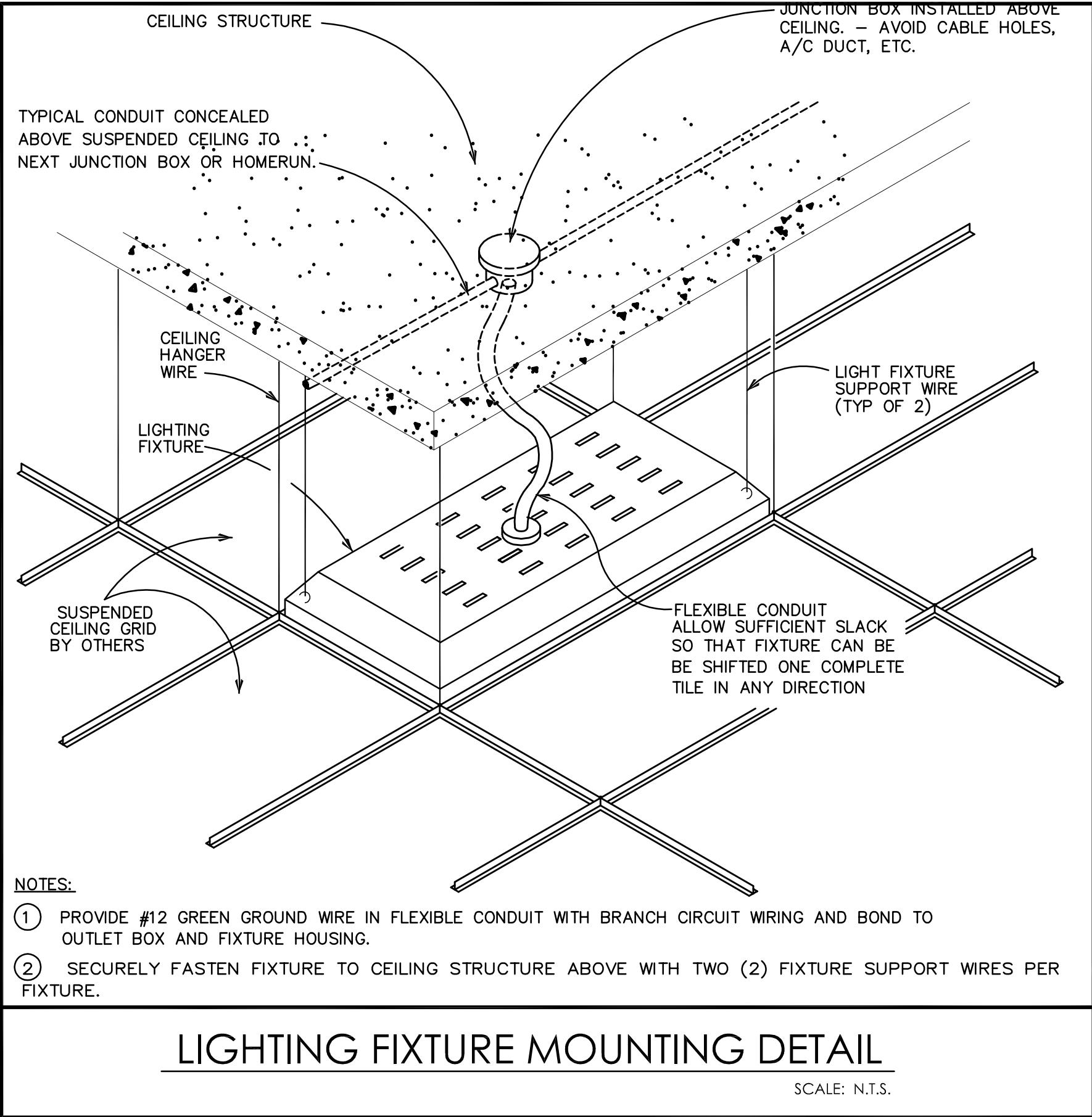
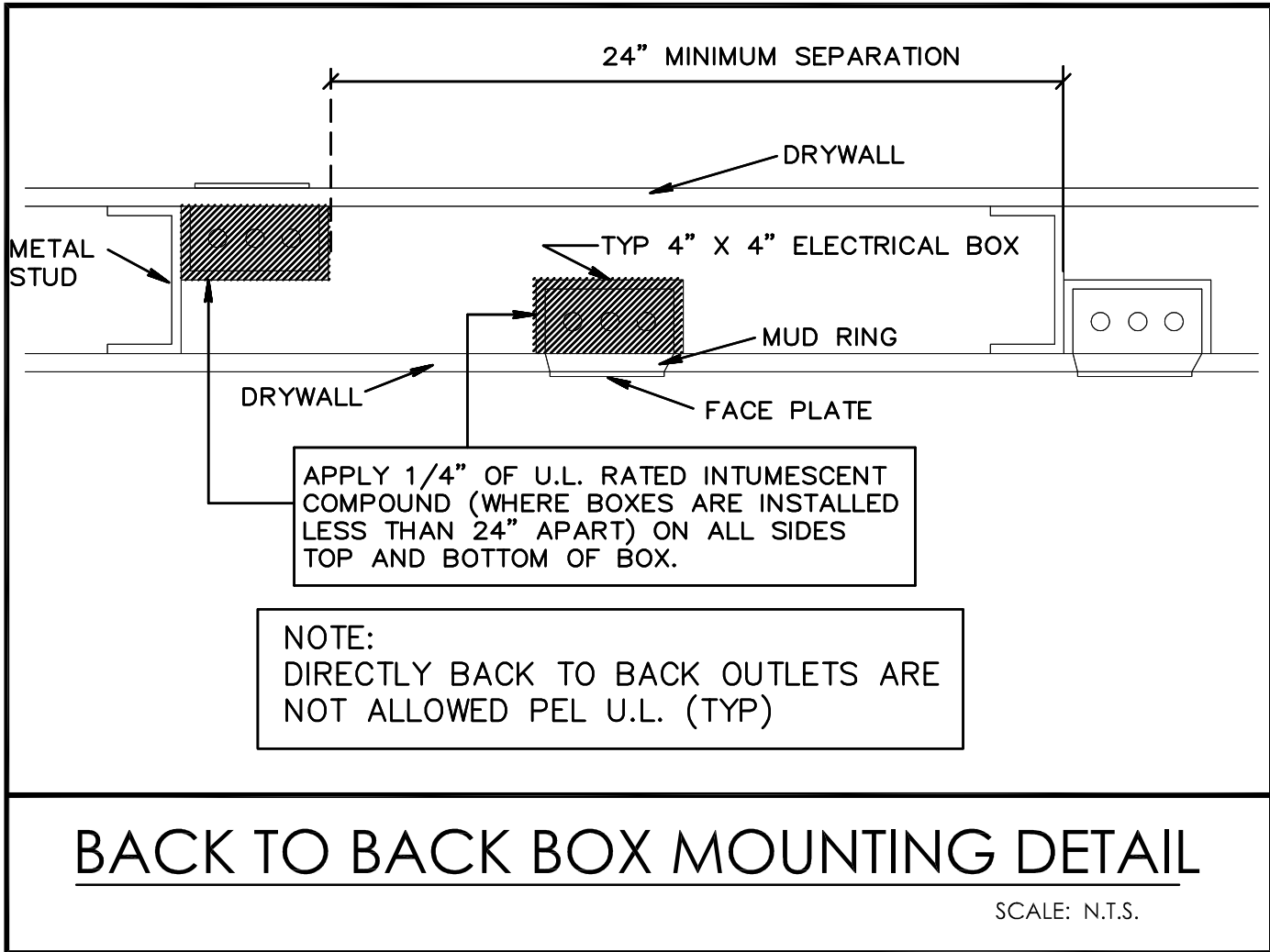
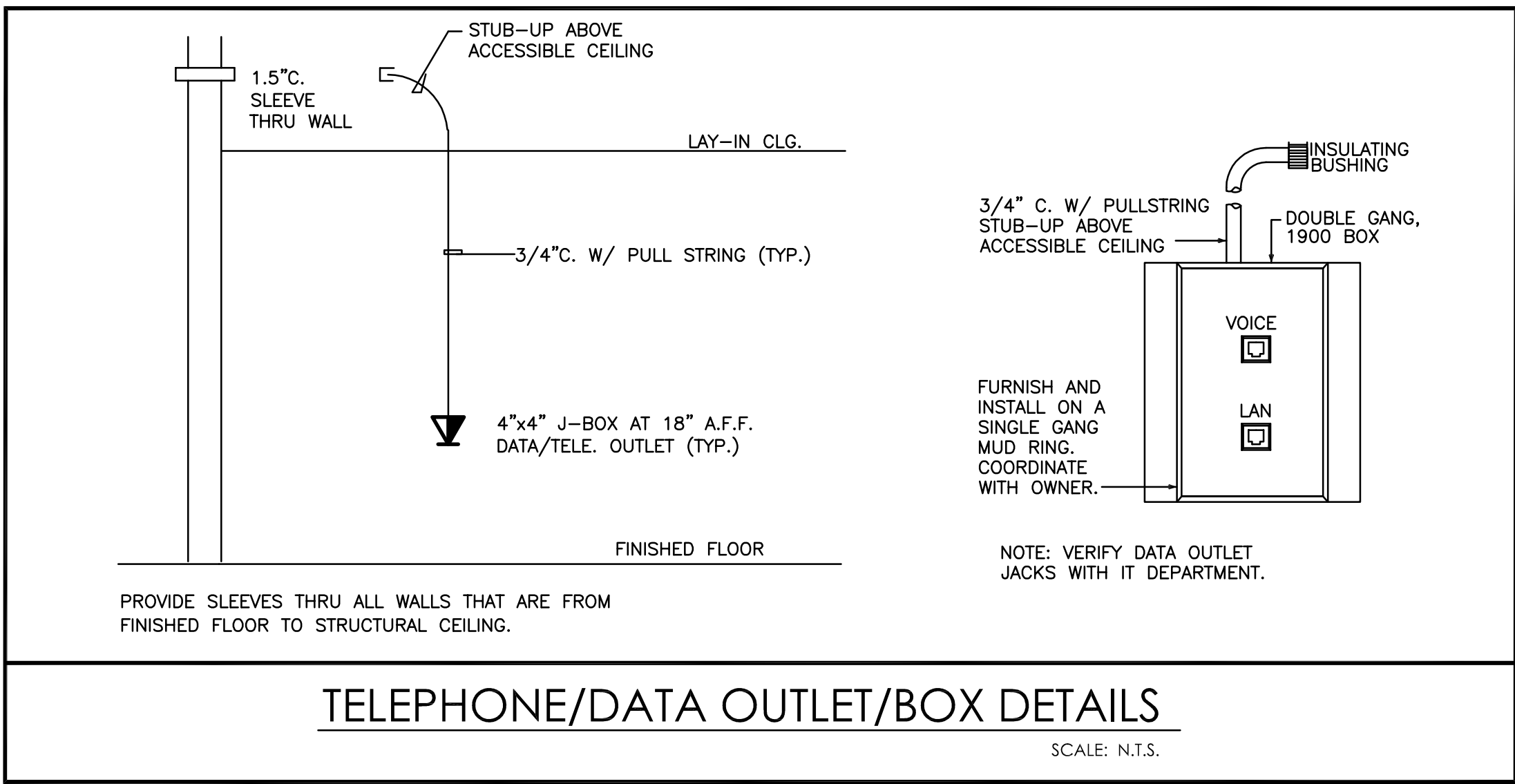
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CHECKED BY: SW
DATE: 07/28/2023

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SHEET

E-4

LIGHTING PLAN



TYPE: SIEMENS S3

MOUNTING: RECESSED

ENCLOSURE: NEMA 1

SUPPLY FROM: 300A C.B. FROM MDP

RATED VOLTAGE: 120/240V, 1Ph, 3W

BUS RATING: 400 AMPS

A.I.C. RATING: 10 KAIC

BRANCH POLES: 42 CIRCUITS

MAINS: M.L.O.

FEED LOCATION: TOP

SYSTEM: NORMAL

LOCATION: SEE FLOOR PLAN

ID	LOAD SERVED	COND.	EQ. GND.	WIRE AWG	TYPE	TRIP [A]	CKT	Phase A [kVA]	Phase B [kVA]	CKT	TRIP [A]	TYPE	WIRE AWG	EQ. GND.	COND.	LOAD SERVED	ID
	SPARE				-	20	1	0.3		2	20	-	EX	EX	EX	OFFICE LIGHTS	L
L	MODULAR OFFICE LTS	EX	EX	EX	-	20	3		0.3 0.5	4	20	-	12	12	1/2"	CANOPY/MECH/LOBBY LTS	L
	SPARE				-	20	5	0.3		6	20	-	12	12	1/2"	MEN'S/WOMEN'S RR LTS	L
L	BUILDING WALKWAY LIGHTS	EX	EX	EX	-	20	7		0.2 1.4	8	20	-	12	12	1/2"	BATH RM RECEP	R
R	MODULAR OFFICE RECS	1/2"	12	12	-	20	9	0.7 1.0		10	20		12	12	1/2"	GENERAL RECEP	R
R	OFFICE RECEP	EX	EX	EX	-	20	11		0.8 1.5	12	20		12	12	1/2"	MICROWAVE	R
R	COUNTER RECEP	1/2"	12	12		20	13	1.5 0.9		14	20	GFCI	12	12	1/2"	REFRIGERATOR	R
	SPARE					20	15			1.5 16	20		EX	EX	EX	NORTH WALL VENDING RECEP	R
R	WATER COOLER	1/2"	12	12		20	17	1.0 1.5		18	20		12	12	1/2"	WASHING MACHINE	R
R	DRYER	3/4"	10	10		30/2	19	2.5 1.5	2.5 1.5	20	20		12	12	1/2"	WASHING MACHINE	R
R	DRYER	3/4"	10	10		30/2	21	2.5 1.5		22	20		12	12	1/2"	WASHING MACHINE	R
R	DRYER	3/4"	10	10		30/2	23		2.5 2.5	24	30/2	-	10	10	3/4"	DRYER	R
	SPARE					20	25	2.5 2.5		26							
R	GAS FIRED WATER HEATER	EX	EX	EX		20	27			0.2 28	20		EX	EX	EX	EXHAUST FANS	O
N	A/C CONDENSOR	EX	EX	EX		50/2	29	0.2 1.2		30	20/2	-	EX	EX	EX	OFFICE A/C	G
N						33	()	10.8		34	100/2	-	EX	EX	EX	AHU	C
R	WOMEN'S HAND DRYER (LO)	1/2"	12	12		20	35		1.5 10.8	36							C
R	WOMEN'S HAND DRYER (LO)	1/2"	12	12		20	37	1.5 1.5		38						SPACE	
R	MEN'S HAND DRYER (LO)	1/2"	12	12		20	39		1.5 1.5	40						SPACE	
R	MEN'S HAND DRYER (LO)	1/2"	12	12		20	41	1.5 -		42						SPACE	
								32.9		31.9							

ID:

(L) LIGHTING LOAD

(O) OTHER LOAD

(R) RECEPTACLE LOAD

(N) NON CONCURRENT LOAD

(C) A/C (COLD OR HEAT)

TYPE:

TS - TIME SWITCH CONTROL

GFCI - GROUND FAULT CIRCUIT INTERRUPTER

DE - DEDICATED

LO - LOCK OUT CIRCUIT BREAKER

DEMAND LOAD CALCULATION:

TOTAL CONNECTED LOAD = 64.8 KVA

RECEP. LOAD = 36.0 KVA

1ST 10 KVA @ 100% = 10.0 KVA

REMAINING @ 50% = 13.0 KVA

KITCHEN LOADS @ 65% = 0.0 KVA

LIGHTING LOAD @ 125% = 2.0 KVA

OTHER LOADS @ 100% = 0.2 KVA

LARGEST MOTOR LOAD @ 50% = 0.0 KVA

TOTAL MOTOR LOAD @ 100% = 0.0 KVA

TOTAL KVA A/C LOADS @ 100% = 24.0 KVA

TOTAL NON CONCURRENT LOADS = 0.0 KVA

TOTAL DEMAND LOAD: = 49.2 KVA

DEMAND AMPERES: = 205 AMPS

EX - EXISTING BRANCH CIRCUIT TO REMAIN.

CIRCUIT BREAKER SHOWN IN **BOLD** ARE NEW AND TO MATCH ELECTRICAL PANEL MANUFACTURER AND AIC RATING.

DELTA G CONSULTING ENGINEERS, INC.
1900 E. 9th Ave, Suite 570
Fort Lauderdale, FL 33316
(954) 527-1112
CADD/000191
PST: MORT SHAW WALKER
PROJECT #: 230208

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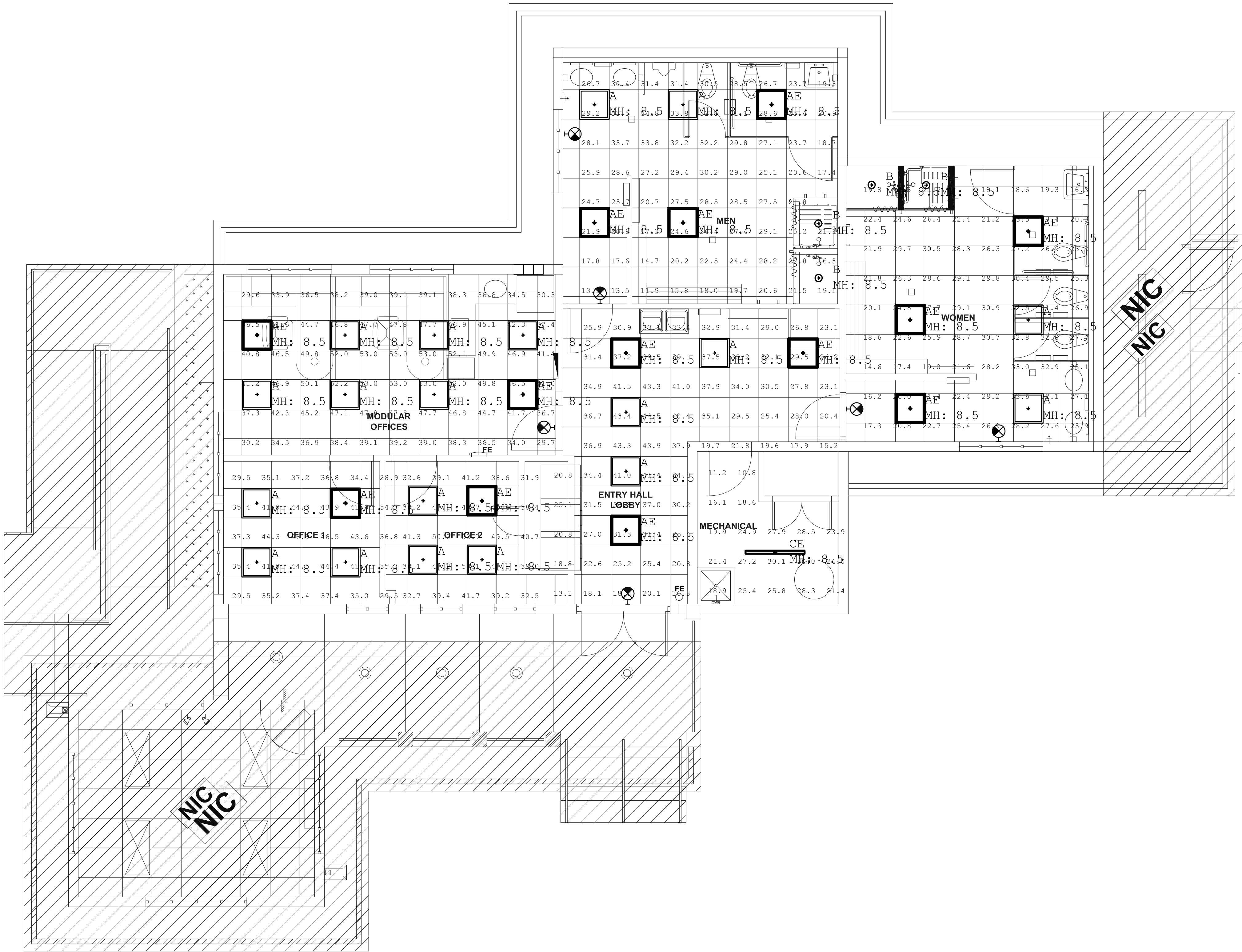
E-5

ELECTRICAL RISER PANEL SCHEDULE AND DETAILS

CAM #23-1060
Exhibit 1
Page 85 of 92

Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	19	A	Single	Cree Lighting ZR22-26L-840-AR-UNV-10V5	0.900	2600	18	342
	13	AE	Single	Cree Lighting ZR22-26L-840-AR-UNV-10V5-EMB	0.900	2600	18	234
	4	B	Single	Atlantic Lighting COM6-SYL15-40K-U / 6CMPR-10	0.900	1239	13.1	52.4
	1	CE	Single	Cree Lighting LS4-60L-840-R-UL-10V-EB	0.900	6079	44.755	44.755

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Entry Hall Lobby Floor	Illuminance	Fc	30.13	44.5	13.1	2.30	3.40
Mechanical Floor	Illuminance	Fc	22.86	30.1	10.8	2.12	2.79
Men's Rooms Floor	Illuminance	Fc	24.88	34.8	11.9	2.09	2.92
Modular Offices Floor	Illuminance	Fc	43.00	53.0	29.6	1.45	1.79
Office #1 Floor	Illuminance	Fc	38.19	46.9	28.9	1.32	1.62
Office #2 Floor	Illuminance	Fc	41.86	52.7	31.9	1.31	1.65
Women's Rooms Floor	Illuminance	Fc	25.09	33.6	14.6	1.72	2.30



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GEORGE SANJUAN, P.E.
FLORIDA LICENSE #44700

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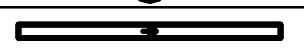
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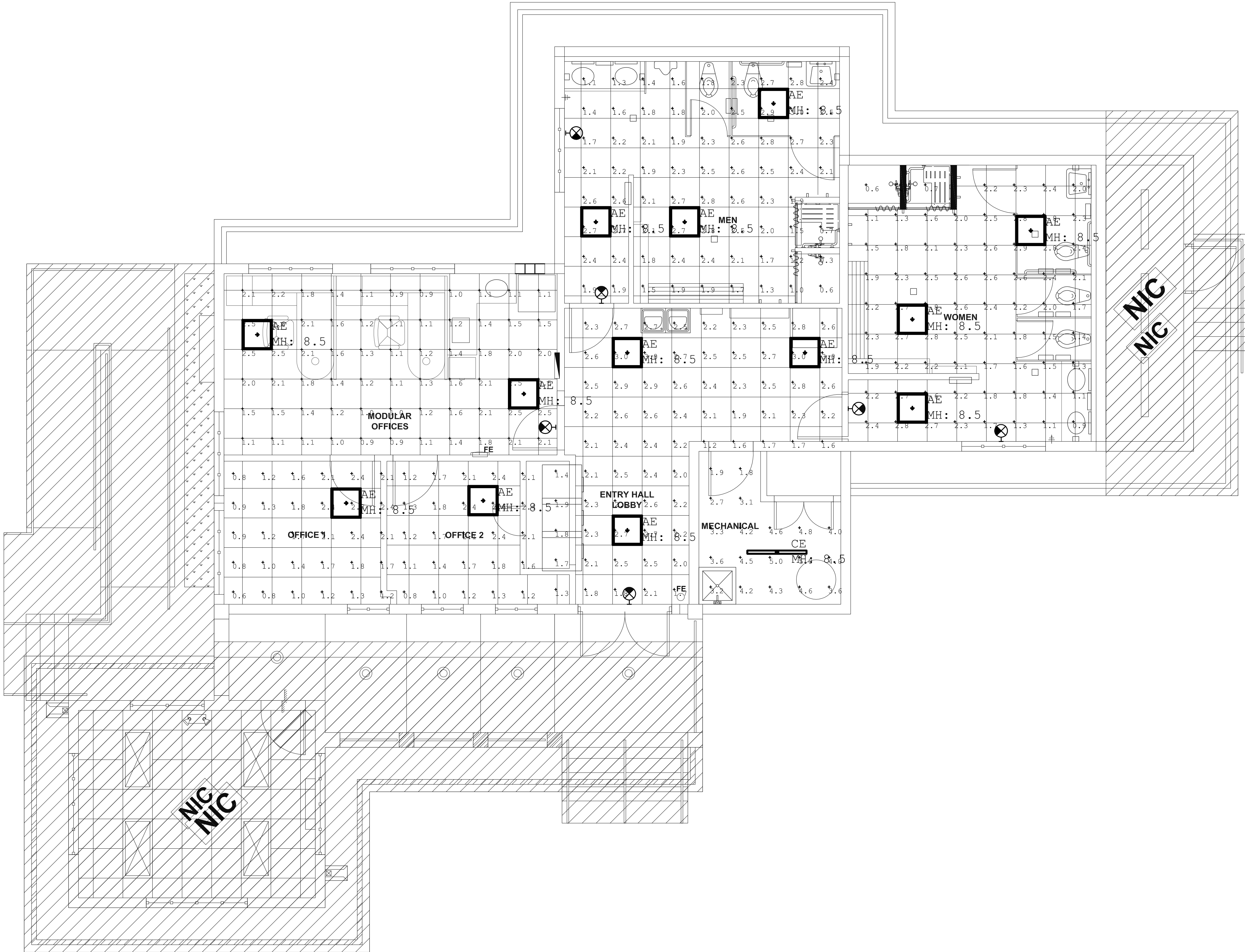
EPH-1


NORMAL PHOTOMETRICS

CAM #23-1060
Exhibit 1
Page 86 of 92

Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	19	A	Single	Cree Lighting ZR22-26L-840-AR-UNV-10V5	0.900	2600	18	342
	13	AE	Single	Cree Lighting ZR22-26L-840-AR-UNV-10V5-EMB	0.150	2600	18	234
	4	B	Single	Atlantic Lighting COM6-SYL15-40K-U / 6CMPR-10	0.900	1239	13.1	52.4
	1	CE	Single	Cree Lighting LS4-60L-840-R-UL-10V-EB	0.150	6079	44.755	44.755

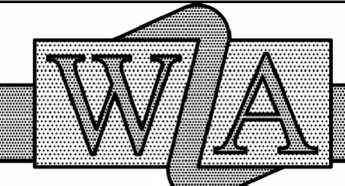
Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
Entry Hall Lobby Floor	Illuminance	Fc	2.31	3.0	1.2	1.93	2.50	
Mechanical Floor	Illuminance	Fc	3.81	5.0	1.8	2.12	2.78	
Men's Rooms Floor	Illuminance	Fc	2.08	3.0	0.3	6.93	10.00	
Modular Offices Floor	Illuminance	Fc	1.57	2.6	0.9	1.74	2.89	
Office #1 Floor	Illuminance	Fc	1.55	2.7	0.6	2.58	4.50	
Office #2 Floor	Illuminance	Fc	1.70	2.6	0.8	2.13	3.25	
Women's Rooms Floor	Illuminance	Fc	2.05	2.9	0.5	4.10	5.80	





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EPH-2

EMERGENCY PHOTOMETRICS

1

EMERGENCY PHOTOMETRICS PLAN

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

CAM #23-1060
Exhibit 1
Page 87 of 92

SHOCK ARRESTOR SCHEDULE

P.D.I. DESIGNATION	MANUF. & MODEL	FIXTURE UNITS	CONNECTION	
A	SIoux CHIEF 652-A	1-11	1/2"	
B	SIoux CHIEF 653-B	12-32	3/4"	
C	SIoux CHIEF 654-C	33-60	1"	

SIoux CHIEF SHOCK ARRESTORS APPROVED FOR INSTALLATION WITH NO ACCESS DOOR REQUIRED. CONFORMS TO ANSI/ASSE 1010 STANDARDS.

SLOPE OF HORIZ. DRAINAGE PIPE

SIZE (Inches)	MINIMUM SLOPE (Inch per foot)	
2-1/2 or less	1/4	
3 to 6	1/8	
8 or larger	1/16	

TABLE 704.1 OF THE FLORIDA PLUMBING CODE 2020

PLUMBING GENERAL NOTES

1. QUALITY OF WORK AND MATERIAL SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
2. CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS.
3. ALL MATERIAL SHALL BE NEW.
4. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A HIGHLY PROFESSIONAL MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE.
5. ANY EXCAVATION AND BACKFILL REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.
6. REQUIRED INSURANCE SHALL BE PROVIDED BY THE CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF WORK.
7. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTION AND TESTS.
8. DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
9. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
10. VERIFY LOCATION, SIZE, INVERTS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK. ADVISE ENGINEER OF ANY DISCREPANCIES.
11. WATER PIPING SHALL BE TYPE "L" COPPER FOR 2" AND UNDER, AND TYPE "K" COPPER FOR 2-1/2" AND ABOVE. ALL UNDERGROUND WATER PIPING SHALL BE TYPE "K" COPPER.
12. SOIL, WASTE AND VENT PIPING SHALL BE CAST IRON NO HUB 301-72 ABOVE GRADE, MECHANICAL JOINTS W/S.S. CLAMPS BELOW GRADE. PVC SHALL BE ACCEPTABLE AS SUBSTITUTION WHERE ALLOWED BY CODE.
13. AIR CONDITIONING CONDENSATE DRAIN PIPING IS EXISTING TO REMAIN, NOT IN SCOPE.
14. INSULATE ALL HOT WATER AND HOT WATER RETURN AS FOLLOWS: CW, HW SUPPLY AND RETURN - 1" THICK PREFORMED FIBERGLASS PIPE INSULATION W/ FACTORY JACKET.
15. ALL FIXTURES MUST BE PROVIDED WITH READILY-ACCESSIBLE STOPS, AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
16. FURNISH AND INSTALL APPROVED AIR CHAMBERS AT EACH PLUMBING FIXTURE, AND P.D.I. APPROVED SHOCK ARRESTORS ON MAIN LINES ON RISERS (W-5 SERIES).
17. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS.
18. ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PAD (HAIR FELT LINING).
19. ALL FIRE RATED FLOOR AND WALL PENETRATIONS SHALL BE PROPERLY PROTECTED FROM FIRE, SMOKE AND WATER PENETRATION BY FILLING VOIDS BETWEEN PIPE AND WALL/FLOOR SLEEVES WITH FIRE RATED FOAM, CHASE TECHNOLOGY CORP. - CTC PR-855 OR 3M, CP-25 CAULKING OR 303 PUTTY, TO ACHIEVE SAME RATING AS WALLS OR FLOORS.
20. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND QUALITY OF WORK TO BE FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE, AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
21. PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM THE NEAREST PLUMBING FIXTURE, PER FBC 2017.
22. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTERS. ACCESS PANELS IN RATED WALLS MUST MAINTAIN THE SAME RATING AND MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
23. PROVIDE STAINLESS STEEL POLISHED FLAT ACCESS COVER PLATE AND CLEANOUT PLUG OR ACCESS PANEL FOR ALL WALL CLEANOUTS - ZURN #ZS1469 OR APPROVED EQUAL.
24. NO COMBUSTIBLE MATERIAL TO BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.
25. NO WATER, SANITARY OR DRAINAGE PIPING PERMITTED IN ELECTRICAL OR ELEVATOR EQUIPMENT ROOMS.
26. ALL HOSE BIBBS SHALL BE CHROME PLATED 3/4" SOLID FLANGE THREADED HOSE AND LOOSE KEY W/VB PRIER C235NP.75 MOUNTED 26" ABOVE GRADE. WALL HYDRANTS TO BE PRIER C634-BX1 OR FINISH FLOOR UNLESS OTHERWISE NOTED.
27. DRAINS SHALL BE AS FOLLOWS:
RESTROOM AREAS 6"x6" SQUARE ZURN #ZN415SZ-P (FD). COORDINATE WITH ARCHITECT.
28. INTERIOR FLOOR CLEANOUTS SHALL BE ZURN #Z1400-SZ (WITH SQUARE TOP).
29. ALL CONTROL VALVES SHALL BE TAGGED AND MARKED. A REPRODUCIBLE DIAGRAM LOCATING ALL VALVES SHALL BE PROVIDED FOR OWNER/OPERATOR.
30. SCHEDULE 40 PVC D.W.V. MAY BE USED ON SANITARY LINES WHERE LOCAL CODE AND ORDINANCES WILL ALLOW. PVC MAY NOT BE USED IN ANY MECHANICAL ROOMS OR IN ANY RETURN AIR PLENUMS, AND MAY NOT PENETRATE ANY RATED WALL OR FLOORS.
31. ALL METALLIC PIPING, FITTINGS AND HANGERS EXPOSED TO CORROSIVE CONDITIONS SHALL HAVE A CORROSION-RESISTANT PROTECTIVE COATING.
32. EACH TYPE OF PLUMBING PIPING SHALL HAVE IDENTIFICATION AND FLOW DIRECTION BANDS.
33. CONTRACTOR SHALL KEEP A SET OF CURRENT AS-BUILT DRAWINGS ON THE JOB SITE AT ALL TIMES, AND DELIVER A SET OF UP-TO-DATE AS-BUILTS TO THE ENGINEER AND OWNER AT THE COMPLETION OF THE PROJECT.

PLUMBING INDEX

	DRAWING	
1	P-1 PLUMBING INDEX, SYMBOL LEGEND AND NOTES	
2	P-2 PLUMBING DEMOLITION PLAN	
3	P-3 DOMESTIC WATER PLAN AND ISOMETRIC	
4	P-4 SANITARY PLAN AND ISOMETRIC	
5		
6		
7		
8		
9		
10		

SHOP DRAWING REQUIREMENTS

1. CONTRACTOR SHALL SUBMIT DIGITAL SHOP DRAWINGS, TOGETHER AT ONE TIME AND MUST COME THROUGH THE ARCHITECT. ALL SUBMITTALS SHALL BE MADE WITHIN 30 DAYS OF NOTICE TO PROCEED.
2. ALL SUBMITTALS MUST CLEARLY INDICATE EXACTLY WHICH ITEMS ARE BEING PROPOSED FOR USE. IF NOT, THE SUBMITTAL SHALL BE REJECTED.
3. SUBSTITUTIONS SHALL BE LIMITED TO ONE OF THE ALTERNATES LISTED IN THE CONSTRUCTION DOCUMENTS. PRODUCTS CONSIDERED TO BE EQUAL SHALL BE REVIEWED AND ACCEPTED BY THE ENGINEER, ARCHITECT AND OWNER (10) DAYS PRIOR TO BID DATE.
4. THE CONTRACTOR ASSUMES ALL DESIGN RESPONSIBILITY AND ALL FINANCIAL RISKS FOR PROCEEDING PRIOR TO SHOP DRAWINGS PROCESSING, AND ON ANY ITEM OR WORK THAT IS AT VARIANCE TO THE CONSTRUCTION DOCUMENTS.
5. CONTRACTOR SHALL SUBMIT DIGITAL EQUIPMENT LAYOUTS OF ALL ELECTRICAL SPACES, ROOMS, ETC. TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING EQUIPMENT OR INSTALLING CONDUITS, ETC. THE LAYOUTS SHALL CONSIST OF PLAN VIEWS AT A SCALE OF 1/2" = 1'0" AND ELEVATIONS FOR EACH SUCH SPACE OR ROOM, ETC.

PLUMBING FIXTURE SCHEDULE

NAME	FIXTURE	MODEL #	ACCESSORIES
LAV	LAVATORY UNDERCOUNTER	AMERICAN STANDARD OVALYN MODEL # 0495.221	SLOAN SF-2350-BAT-BOT-CP-0.5 GPM-MLM-IR-FCT FLEXIBLE SUPPLY PIPE, MCQUIRE ANGLE STOPS, ADJUSTABLE 1" TRAP WITH MCQUIRE 155WC GRID DRAIN
LAV-1	LAVATORY WALL HUNG ADA	AMERICAN STANDARD MURRO MODEL # 0954.004EC WITH MODEL # 0062.000EC SHROUD	SLOAN SF-2350-BAT-BOT-CP-0.5 GPM-MLM-IR-FCT FLEXIBLE SUPPLY PIPE, MCQUIRE ANGLE STOPS, ADJUSTABLE 1" TRAP FLOOR MOUNTED CARRIER TO BE JOSAM 17100 FLR MOUNT ADJUSTABLE CONCEALED ARMS OR APPROVED EQUAL WITH MCQUIRE 155WC GRID DRAIN
WC	WATER CLOSET (FLUSH VALVE FLOOR MOUNTED)	AMERICAN STANDARD MADERA, ELONGATED, MODEL #3043.511 15" HIGH (1.1 G.P.F.)	CENTOCO 5000C OPEN FRONT SEAT, STOP, 2 BOLTS CAPS, FLUSH VALVE-ELECTRONIC INCLUDED FACTORY INSTALLED OR-P2 LITHIUM BATTERY TOILETS RIM HIGH TO BE 15"
H/WC	HANDICAPPED WATER CLOSET (FLUSH VALVE FLOOR MOUNTED ADA)	AMERICAN STANDARD MADERA, ELONGATED, MODEL #3043.511 16-1/2" HIGH (1.1 G.P.F.)	CENTOCO 5000C OPEN FRONT SEAT, STOP, 2 BOLTS CAPS, FLUSH VALVE-ELECTRONIC INCLUDED FACTORY INSTALLED OR-P2 LITHIUM BATTERY TOILETS RIM HIGH TO BE 16-1/2"
UR	URINAL WALLHUNG ADA	AMERICAN STANDARD PINTBROOK ELECTRONIC 0.125 GPF	FLUSH VALVE: ELECTRONIC INCLUDED FACTORY INSTALLED OR-P2 LITHIUM BATTERY
H/SH	SHOWER ADA	AMERICAN STANDARD MODEL # 1662211 SHOWER KIT 1.25 GPM	SHOWER DRAIN: SIoux CHIEF MODEL # 822-M2PCQ
SH	SHOWER	AMERICAN STANDARD MODEL # T0184507 SHOWER KIT 1.75 GPM	SHOWER DRAIN: SIoux CHIEF MODEL # 822-M2PCQ
EWC	ELECTRIC WATER COOLER BOTTLE FILLING A.D.A BI-LEVEL	ELKAY MODEL # LZSTL8WSLK (FILTERED WATER)	INSTALLATION: AS PER FLORIDA BUILDING CODE PLUMBING 2020 AND FLORIDA ACCESSIBILITY CODE REQUIREMENTS.
SK	HAND SINK	REGENCY 17" X 15" SS WITH GOOSENECK FAUCET ITEM # 600HS17PT	

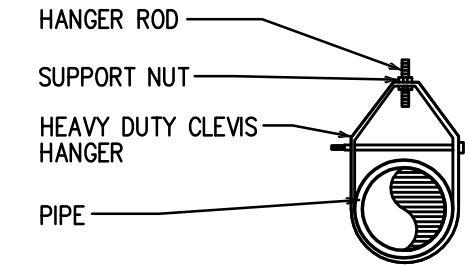
OR EQUAL. COORDINATE WITH ARCHITECT

PLUMBING FIXTURE CONNECTION SCHEDULE

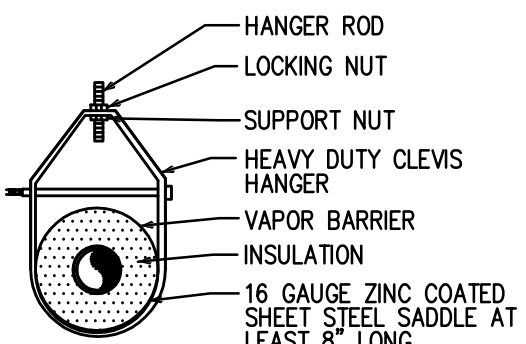
FIXTURE	WATER PIPE SIZE	NOMINAL SAN. SIZE	MAXIMUM FLOW RATES
WATER CLOSET (FLUSH VALVE)	1"	3"	1.1 GPF
LAVATORY	1/2"	1 1/4"	.5 GPM
ELECTRIC WATER COOLER	1/2"	1 1/4"	.5 GPM
SINK	1/2"	1 1/2"	2.0 GPM
SHOWER	1/2"	2"	2.5 GPM
URINAL	3/4"	2"	1.0 GPF

NOTES:

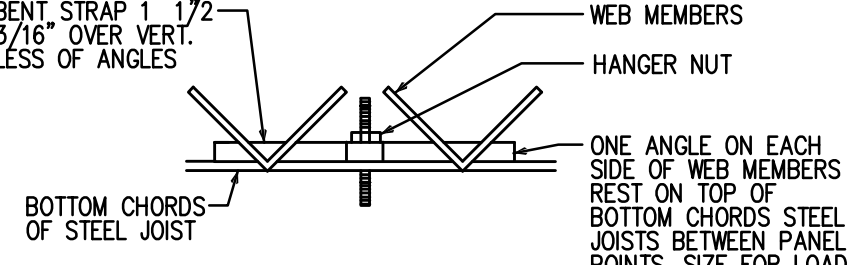
1. ALL FIXTURES SHALL COMPLY WITH TABLE 604.4 OF THE F.P.C.
2. ALL WALL HUNG PLUMBING FIXTURES SHALL COMPLY W/ FBC 2318.1.15 OR 2517.5.1.1.
3. TRAP INSULATION TO MEET ADA REQUIREMENTS AND COMPLY WITH ASTM E-84 (PLUMBEREX MODEL#396 OR EQUAL).
4. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTERS. ACCESS PANELS IN RATED WALLS MUST MAINTAIN THE SAME RATING AND MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.



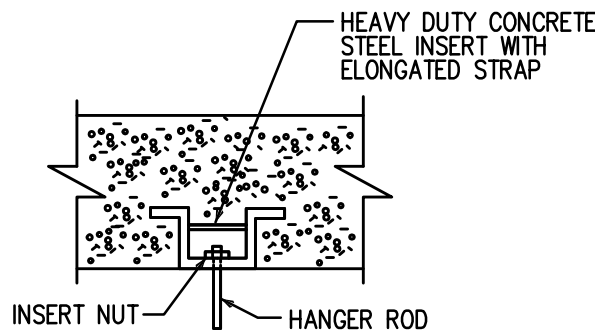
**CLEVIS HANGER
SINGLE HORIZONTAL RUNS
NO VAPOR BARRIER INSULATION**



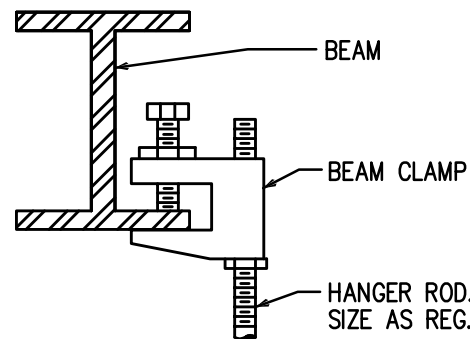
**CLEVIS HANGER
SINGLE HORIZONTAL RUNS
WITH VAPOR BARRIER INSULATION**



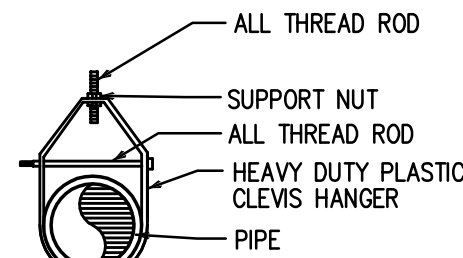
STEEL JOIST



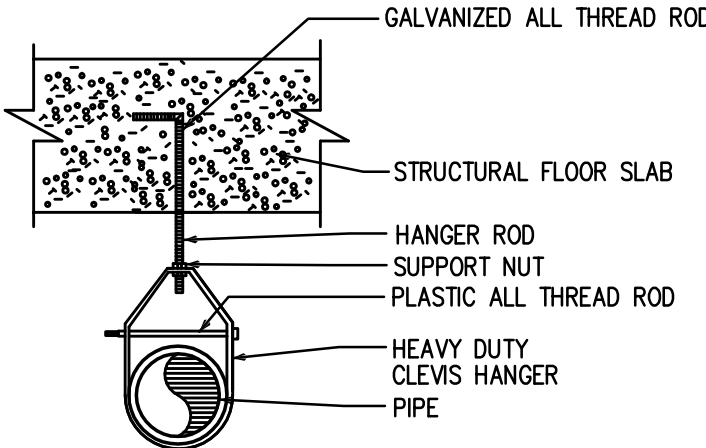
CONCRETE INSERT



STEEL BEAM



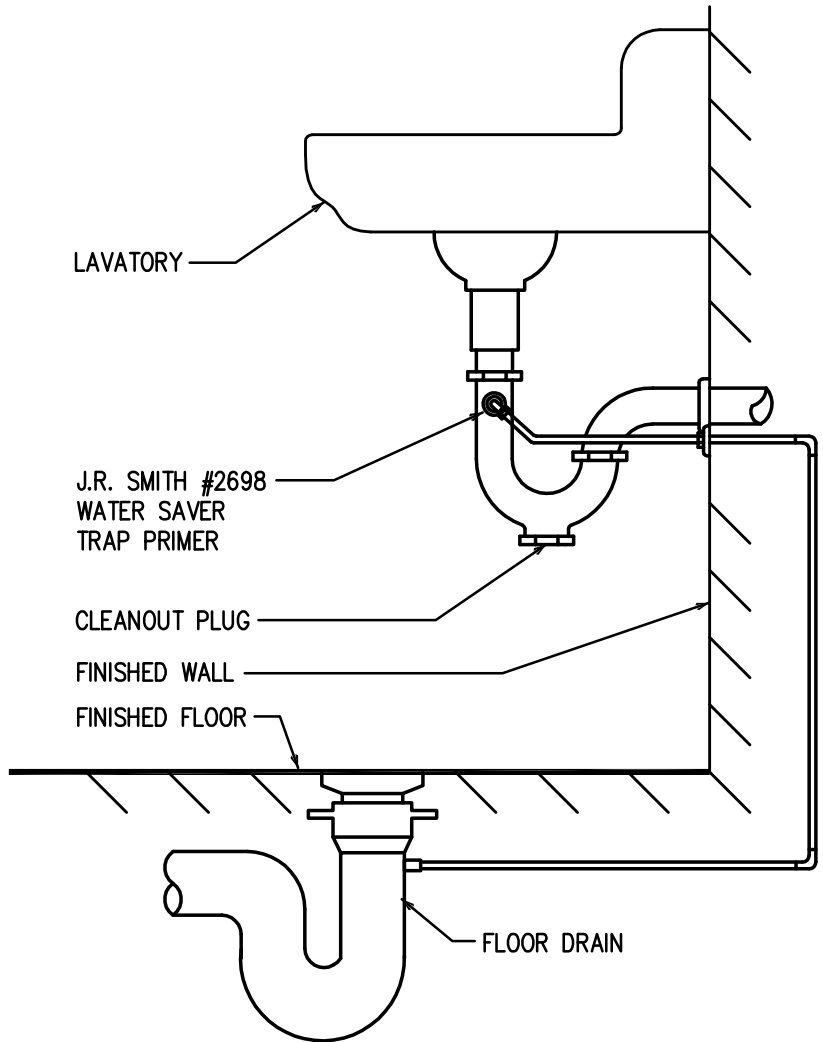
**PIPE HANGER DETAIL
IN EXPOSED AREAS**



**PIPE HANGER DETAIL
UNDER STRUCTURAL FLOOR**

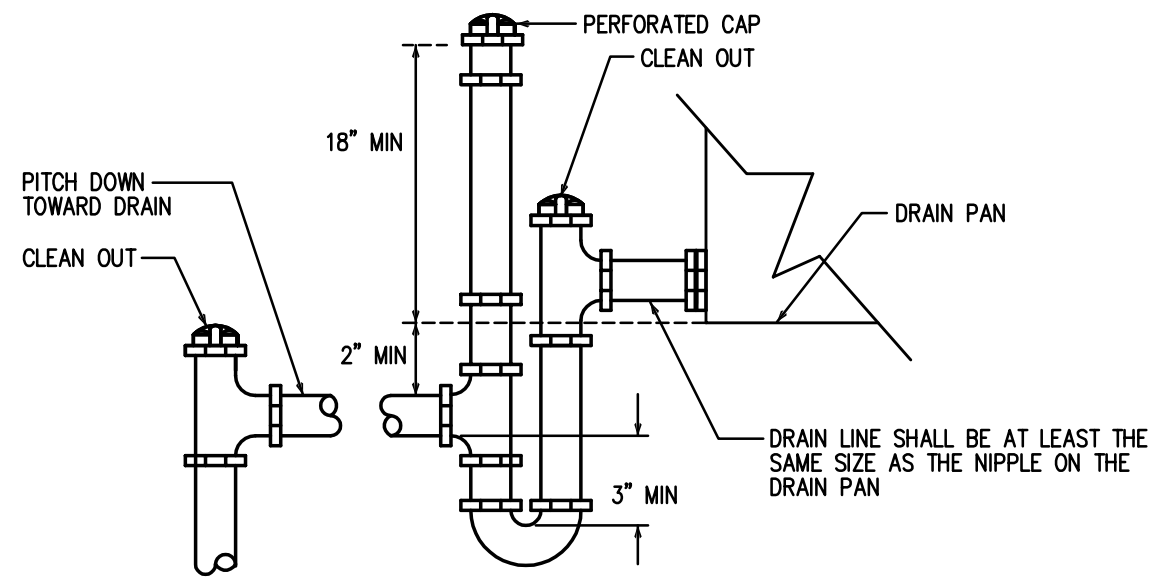
SCALE: N.T.S.

PIPE SUPPORT DETAILS (FOR SANITARY + WATER PIPING)



TRAP PRIMER DETAIL

SCALE: N.T.S.

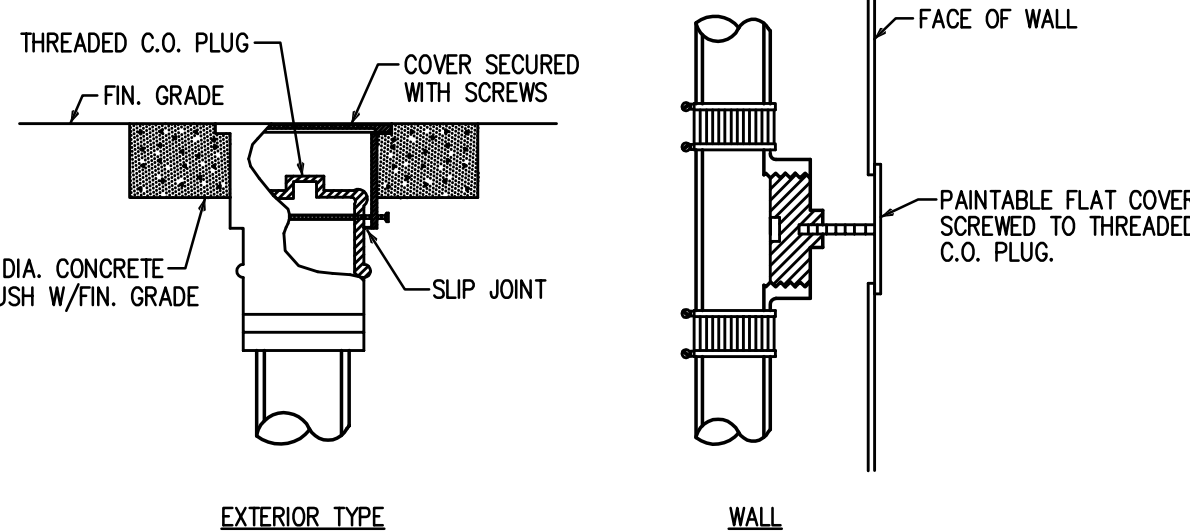


TYPICAL CONDENSATE TRAP

SCALE: N.T.S.

PLUMBING SYMBOL LEGEND

SYMBOL	DESCRIPTION
—	SANITARY LINE
- - -	VENT LINE
— SD	STORM DRAIN LINE
—>	SAFEWASTE LINE
— CD	CONDENSATE LINE
- - -	COLD WATER LINE
- - -	HOT WATER LINE
- - -	HOT WATER RETURN
V	VACUUM LINE
CA	COMPRESSED AIR
G	GAS LINE
⋈	GATE VALVE
⋈	WATER HAMMER ARRESTOR
⋈	FLOOR PENETRATION
⋈	FLOOR DRAIN
RD	ROOF DRAIN
RD-1	PVC ROOF DRAIN (BODY AND DOME)
CO	CLEAN OUT
WCO	WALL CLEANOUT
FCO	FLUSH CLEAN OUT
COOG	CLEANOUT ON GRADE
VTR	VENT THRU ROOF
RWL	RAIN WATER LEADER

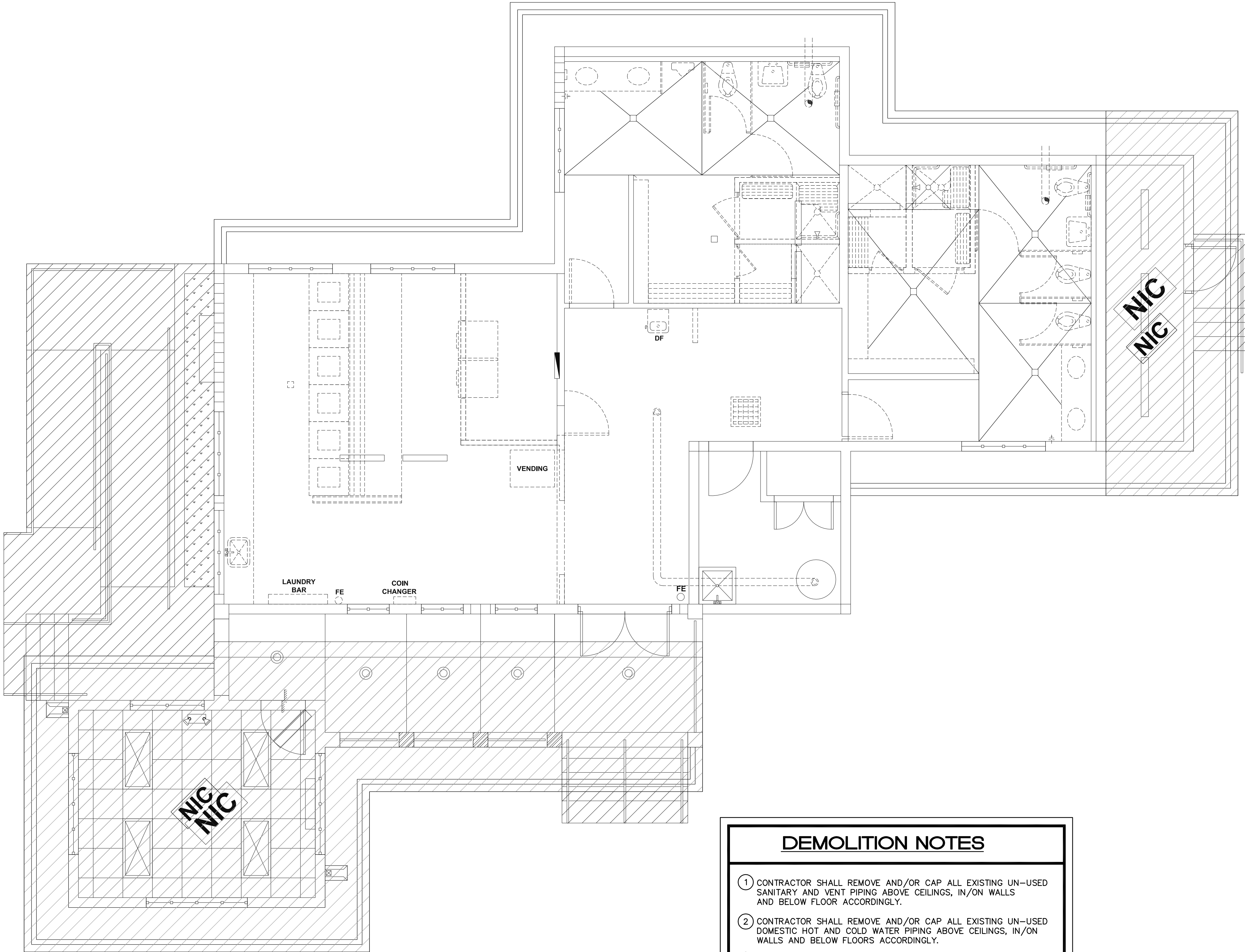


TYPICAL CLEANOUT DETAILS

SCALE: N.T.S.

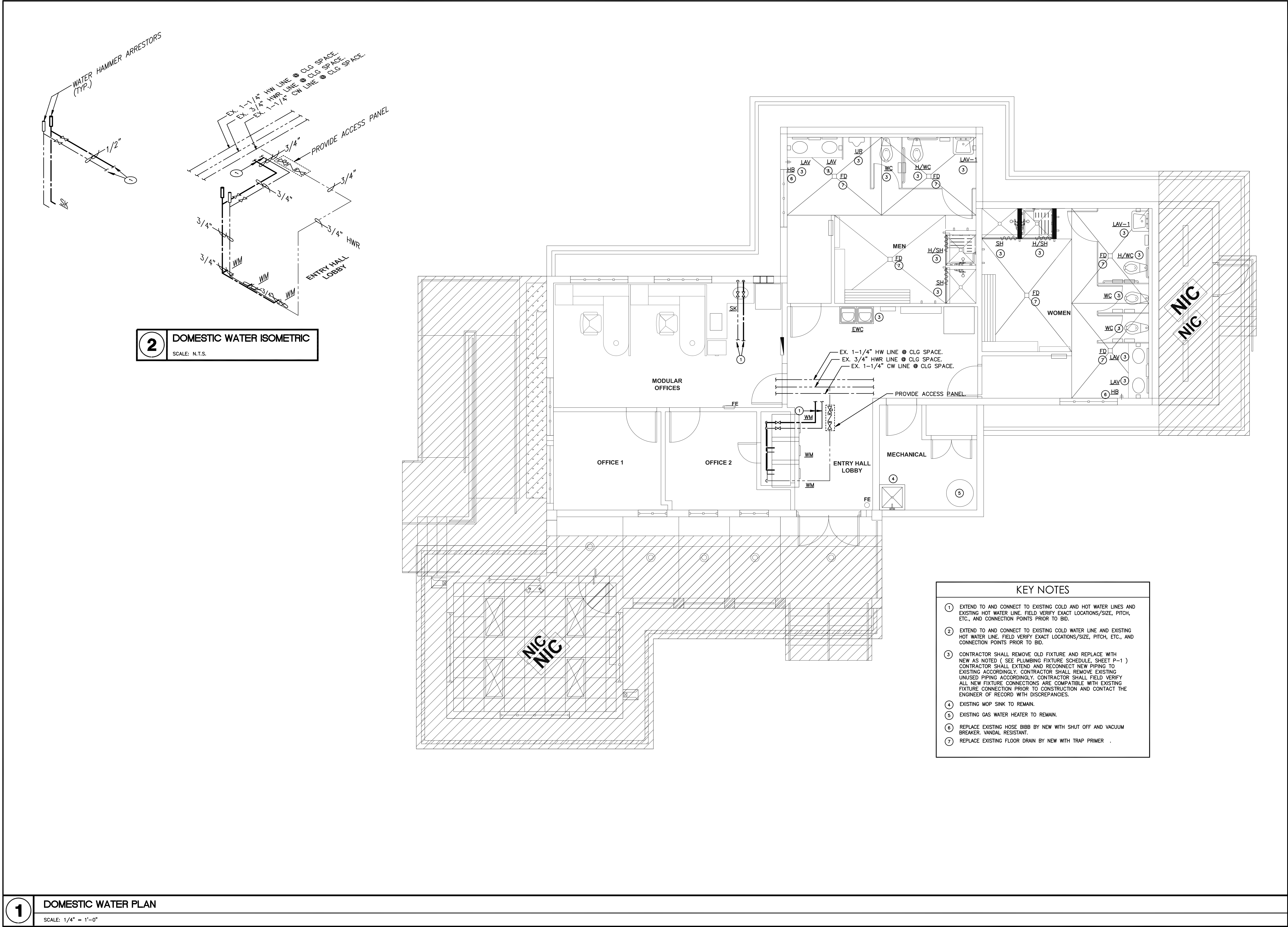
PLUMBING DEMO NOTES

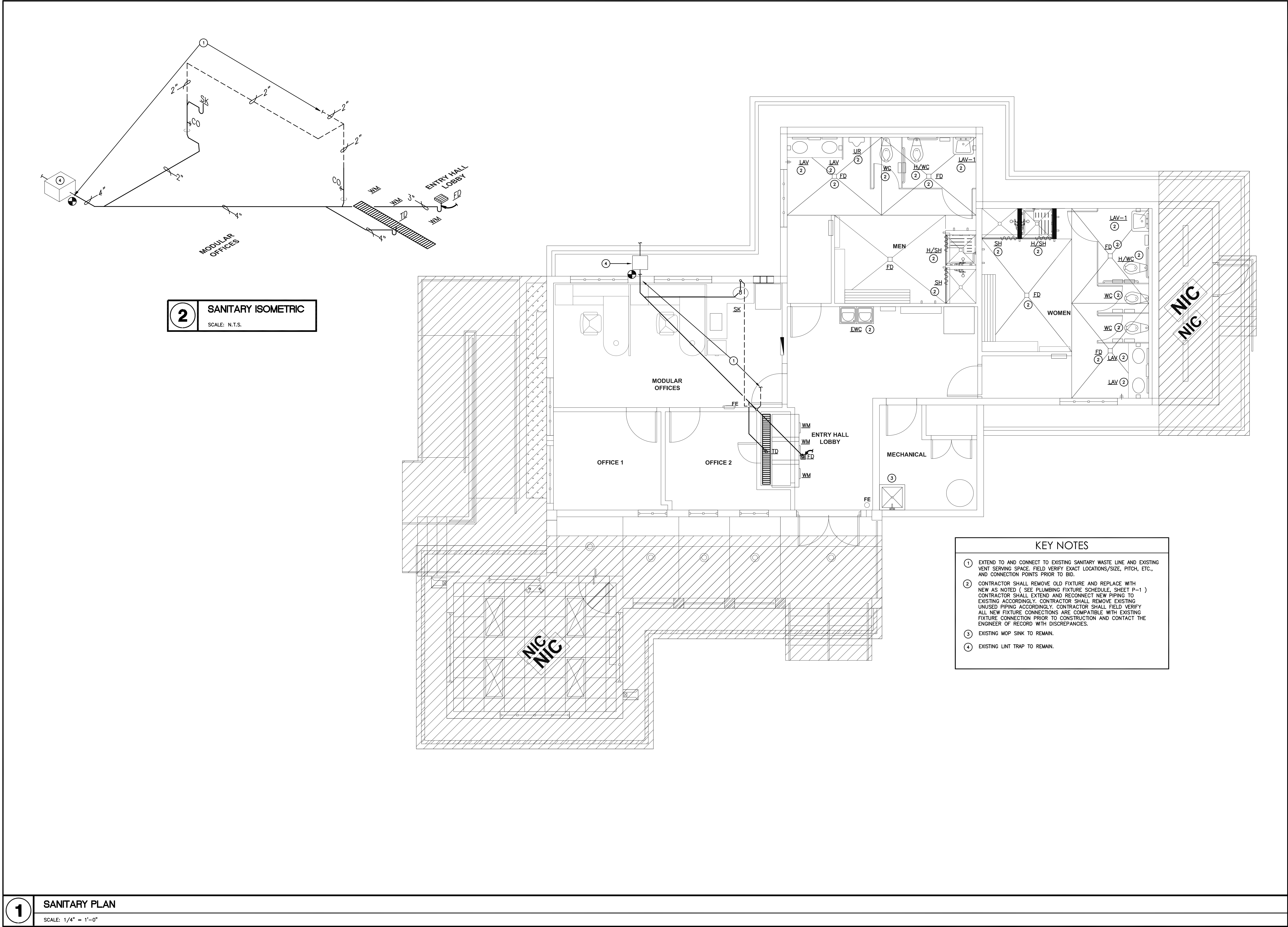
- EXISTING SERVICES INDICATED ON THESE DRAWINGS WERE DERIVED FROM EXISTING DRAWINGS AND LIMITED FIELD OBSERVATIONS. THESE DRAWINGS MAY NOT BE ALL INCLUSIVE OF SERVICES THAT EXIST IN THE PROJECT AREA. CONTRACTOR SHALL VERIFY SERVICES, LOCATION, TYPE, AND SIZE PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS IMPACTING WORK SHOWN ON THESE DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT FOR COORDINATION PRIOR TO CONSTRUCTION.
- EXISTING SERVICES, EQUIPMENT, AND FIXTURES, TO REMAIN OR TO BE RELOCATED, SHALL BE REPAIRED TO ORIGINAL OPERATION OR REPLACED, SHOULD THEY BE DAMAGED DURING CONSTRUCTION.
- ALL EXISTING WORK NOT SHOWN ON THESE DRAWINGS (UNLESS NOTED OTHERWISE) SHALL REMAIN AS IS.
- ALL PENETRATIONS THROUGH EXISTING BUILDING WALLS AND FLOORS SHALL BE SLEEVED AND/OR PATCHED TO MATCH ORIGINAL. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
- ALL FIXTURES, EQUIPMENT, AND PIPING SHOWN ON THESE DRAWINGS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODE REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PIPING, FIXTURES OR EQUIPMENT DUE TO NEW CONSTRUCTION AND HE SHALL RESTORE EXISTING WORK TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- CONTINUITY OF SERVICES: EXISTING BUILDING WILL REMAIN IN USE DURING CONSTRUCTION OPERATIONS. WHEN AN INTERRUPTION OF AN EXISTING SERVICE IS NECESSARY, CONTRACTOR SHALL COORDINATE WITH AUTHORIZED HOSPITAL PERSONNEL BEFORE MAKING THE NECESSARY INTERRUPTION.
- THE CONTRACTOR SHALL KEEP A SET OF MARKED UP DRAWINGS AS THE JOB PROGRESSES. NO MAJOR CHANGE SHALL BE MADE TO PLUMBING DESIGN/ENGINEERING UNLESS IT HAS BEEN COORDINATED DRAWN, AND SUBMITTED FOR APPROVAL TO THE ARCHITECT.
- WHERE REQUIRED BY CODE, VENTS AND WASTE STACKS LESS THAN THREE (3) INCHES SHALL NOT BE ROUTED THROUGH ROOF. PROVIDE INCREASERS ON LINES BELOW ROOF SLAB.
- EXISTING SITE UTILITIES SHALL BE FIELD LOCATED FOR EXACT LOCATION AND ELEVATION BEFORE CONSTRUCTION.
- ALL SANITARY OR STORMWATER PIPING BELOW GRADE WITH LESS THAN 2 FEET OF EARTH COVER SHALL BE DUCTILE IRON MATERIAL.
- CONTRACTOR SHALL COORDINATE ALL TOP CASTING ELEVATIONS ON NEW SANITARY SEWER MANHOLES WITH FINISHED GRADE.
- CONTRACTOR SHALL COORDINATE WITH ALL DISCIPLINES INVOLVED SO AS TO AVOID ANY PIPE ROUTING PROBLEMS.
- CONTRACTOR SHALL FURNISH AND INSTALL SHOCK ABSORBERS ON FLUSH VALVE FIXTURES AND ALL LINES SERVING QUICK CLOSING VALVES AS RECOMMENDED BY THE MANUFACTURER.
- ALL VENTS SHALL BE A MINIMUM OF 10'-0" AWAY FROM A/C AIR INTAKES.
- CONTRACTOR SHALL COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT DRAWINGS AND SUPPLIER. INSTALL EQUIPMENT AND MAKE FINAL CONNECTIONS FURNISHING CUTOFF VALVES, P-TRAPS, P.R.V.'S, AND PIPING AS REQUIRED.
- FURNISH AND INSTALL DEEP SEAL P-TRAPS ON FLOOR DRAINS NOT EQUIPPED WITH AN AUTOMATIC TRAP PRIMER SYSTEM.
- CONTRACTOR SHALL PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS NOT RECEIVING CONSTANT DISCHARGE FROM FIXTURES AND/OR EQUIPMENT, OR AS REQUIRED BY STATE AND LOCAL CODES.
- PROVIDE 12"x12" ACCESS PANELS FOR ALL VALVES LOCATED ABOVE HARD CEILINGS. INSTALL VALVES SO AS TO BE WITHIN REACH OF ACCESS DOOR.
- CONTRACTOR SHALL PROVIDE ROUGH-INS AND MAKE FINAL CONNECTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING PLUMBING CONNECTION, INCLUDING TAILPIECES, TRAPS, LINE STRAINERS, STOP VALVES, GAUGES, VACUUM BREAKERS, REDUCING VALVES, SPECIAL FITTINGS, THERMOMETERS, GLOBE SOLENOID VALVES, INSULATION, AND ALL NECESSARY DEVICES FOR A COMPLETE AND OPERATIVE SYSTEM. COORDINATE EXACT REQUIRED PLUMBING ROUGH-INS WITH SUPPLIER DRAWINGS.
- THE CONTRACTOR SHALL INSTALL PLUMBING PIPING IN LOCATIONS INDICATED ON THE CONTRACT DOCUMENTS. THE ONLY DEVIATION FROM THIS WOULD BE IF ADDITIONAL OFFSETS ARE REQUIRED TO COORDINATE WITH OTHER TRADES. IF THE CONTRACTOR DESIRES TO CHANGE THE PLUMBING ROUTING FOR ANY OTHER REASON, HE SHALL COMPENSATE THE ENGINEER AT A RATE OF DPE x 2.75 TO REVISE THE PLUMBING DRAWINGS, RISER DIAGRAMS AND FOR THE TIME INVOLVED IN REISSUING DRAWINGS TO THE AUTHORITY HAVING JURISDICTION. CONTRACTOR SHALL CONTACT ENGINEER FOR ESTIMATED TIME REQUIRED AND SCHEDULE FOR PERFORMING WORK.



DEMOLITION NOTES

- CONTRACTOR SHALL REMOVE AND/OR CAP ALL EXISTING UN-USED SANITARY AND VENT PIPING ABOVE CEILINGS, IN/ON WALLS AND BELOW FLOOR ACCORDINGLY.
- CONTRACTOR SHALL REMOVE AND/OR CAP ALL EXISTING UN-USED DOMESTIC HOT AND COLD WATER PIPING ABOVE CEILINGS, IN/ON WALLS AND BELOW FLOORS ACCORDINGLY.
- CONTRACTOR SHALL REMOVE AND/OR CAP ALL EXISTING UN-USED VACUUM AND COMPRESSED AIR ABOVE CEILINGS, IN/ON WALLS AND BELOW FLOORS ACCORDINGLY.
- CONTRACTOR SHALL REMOVE ALL UNUSED EXISTING PLUMBING FIXTURES AS REQUIRED. COORDINATE WITH ARCHITECTURAL DEMOLITION PLANS.







City of Fort Lauderdale • Procurement Services Division
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ADDENDUM NO. 1

ITB NO. 178

COOLEY'S LANDING MARINA PARK ADMIN BUILDING IMPROVEMENTS

ISSUED: September 20, 2023

This addendum is being issued to make the following change(s):

1. The Bid Due Date has been changed to Friday, October 6, 2023, at 2:00PM Local Time.
2. The Question-and-Answer period has been extended to 5:00 p.m. on September 27, 2023

All other terms, conditions, and specifications remain unchanged.

Michelle Lemire
Procurement Administrator

Company Name: _____
(please print)

Bidder's Signature: _____

Date: _____