

INVITATION TO BID
CITY OF NAPLES
PURCHASING DIVISION
CITY HALL, 735 8TH STREET SOUTH
NAPLES, FL 34102
PH: 239-213-7100 FX: 239-213-7105

Cover Sheet

NOTIFICATION DATE: 1/27/2016	TITLE Utilities Maintenance Building Replacement	NUMBER: 16-022	OPENING DATE & TIME: 3/01/2016 2:00 PM
PRE-BID DATE, TIME AND LOCATION: Non-mandatory Pre-Bid Meeting held February 11, 2016; 10:00 AM local time; Naples Utilities Department, 380 Riverside Circle, Naples FL, 34102			

LEGAL NAME OF PARTNERSHIP, CORPORATION OR INDIVIDUAL:	
MAILING ADDRESS:	
CITY-STATE-ZIP:	
PH:	EMAIL:
FX:	WEB ADDRESS:

<p>I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies, or equipment and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. In submitting a bid to the City of Naples the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign or transfer to the City of Naples all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the Anti-trust laws of the United States and the State of FL for price fixing relating to the particular commodities or services purchased or acquired by the City of Naples. At the City's discretion, such assignment shall be made and become effective at the time the City tenders final payment to the bidder.</p> <p style="text-align: center;">FEI/EIN Number _____</p>		
AUTHORIZED SIGNATURE	DATE	PRINTED NAME/TITLE
<p style="color: red; font-size: small;">Please initial by all that apply I acknowledge receipt / review of the following addendum</p> <p style="color: red; font-size: small;"> _____Addendum #1 _____Addendum #2 _____Addendum #3 _____Addendum #4</p>		

PLEASE NOTE THE FOLLOWING

- > **This page must be completed and returned with your bid.**
- > **Bids must be submitted in a sealed envelope, marked with bid number & opening date.**
- > **All submissions must be received and date stamped by Purchasing staff prior to the above "OPENING DATE & TIME".**
- > **Submissions received after the above opening date and time will not be accepted.**
- > **Bid tabulations will be available on the City of Naples web site www.naplesgov.com . If you do not have computer access and want a copy of the bid tabulation, please enclose a stamped, self-addressed envelope with your bid.**

GENERAL CONDITIONS

TO INSURE ACCEPTANCE OF THE BID, PLEASE FOLLOW THESE INSTRUCTIONS. ANY AND ALL SPECIAL CONDITIONS, ATTACHED HERETO, HAVE PRECEDENCE.

- 1. SEALED BID:** All bids must be submitted in a sealed envelope. The face of the envelope shall contain the bid name and bid number. Bids not submitted on attached bid form shall be rejected. All bids are subject to the conditions specified herein. Those which do not comply with these conditions are subject to rejection.
- 2. EXECUTION OF BID:** Bid must contain a manual signature of authorized representative in the proposal section. Bid must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by bidder to his bid must be initialed.
- 3. NO BID:** If not submitting a bid, respond by returning the Statement of No Bid and explain the reason in the spaces provided. Failure to respond 3 times in succession without justification shall be cause for removal of the supplier's name from the bid mailing list. NOTE: To qualify as a respondent, bidder must submit a "NO BID," and it must be received no later than the stated bid opening date and hour.
- 4. BID OPENING:** Shall be public, on the date and at the time specified on the bid form. It is the bidder's responsibility to assure that his bid is delivered at the proper time and place of the bid opening. Bids which for any reason are not so delivered will not be considered. Offers by telegram, telephone; or fax are not acceptable. Bid files may be examined during normal working hours.
- 5. WITHDRAWAL OF BIDS:** Withdrawal of a bid within sixty (60) days after the opening of bids is subject to suspension or debarment in accordance with Section 2-668 of the City Code for up to three years.
- 6. PRICES, TERMS and PAYMENT:** Firm Prices include all packing, handling, shipping charges and delivery to the destination shown herein. Bidder is encouraged to offer cash discount for prompt invoice payment. Terms of less than 20 days will not be considered.

 - A. TAXES:** The City of Naples does not pay Federal Excise and Sales taxes on direct purchases of tangible personal property. See exemption number on face of purchase order. This exemption does not apply to purchases of tangible personal property made by contractors who use the tangible personal property in the performance of contracts for the improvement of City-owned real property.
 - B. MISTAKES:** Bidders are expected to examine the specifications, delivery schedule, bid prices, extensions, and all instructions pertaining to supplies and services. Failure to do so will be at bidder's risk. In case of mistake in extension, the unit price will govern.
 - C. CONDITION AND PACKAGING:** It is understood and agreed that any item offered or shipped as a result of this bid shall be a new, current standard production model available at the time of this bid. All containers shall be suitable for storage or shipment, and all prices shall include standard commercial packaging.
 - D. SAFETY STANDARDS:** Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall comply with applicable requirements of Occupational Safety and Health Act and any standards there under.
 - E. UNDERWRITERS' LABORATORIES:** Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall carry U.L. approval and re-examination listing where such has been established.
 - F. PAYMENT:** Payment will be made by the buyer after the items awarded to a vendor have been received, inspected, and found to comply with award specifications, free of damage or defect and properly invoiced. All invoices shall bear the purchase order number. Payment for partial shipments shall not be made unless specified in the bid. Failure to follow these instructions may result in delay in processing invoices for payment. In addition, the purchase order number must appear on bills of lading, packages, cases, delivery lists and correspondence.
- 7. DELIVERY:** Unless actual date of delivery is specified (or if specified delivery cannot be met), show number of days required to make delivery after receipt of purchase order in space provided. Delivery time may become a basis for making an award (see Special Conditions). Delivery shall be within the normal working hours of the user, Monday through Friday, unless otherwise specified.

8. MANUFACTURERS' NAMES AND APPROVED EQUIVALENTS: Any manufacturers' names, trade names, brand names, information and/or catalog numbers listed in a specification are for information and not intended to limit competition. The bidder may offer any brand for which he is an authorized representative, which meets or exceeds the specification for any item(s). If bids are based on equivalent products, indicate on the bid form the manufacturer's name and number. Bidder shall submit with his proposal, cuts, sketches, and descriptive literature, and/or complete specifications. Reference to literature submitted with a previous bid will not satisfy this provision. The bidder shall also explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto. Bids which do not comply with these requirements are subject to rejection. Bids lacking any written indication of intent to quote an alternate brand will be received and considered in complete compliance with the specifications as listed on the bid form.

9. INTERPRETATIONS: Any questions concerning conditions and specifications shall be directed in writing to this office for receipt no later than ten (10) days prior to the bid opening. Inquiries must reference the date of bid opening and bid number. Failure to comply with this condition will result in bidder waiving his right to dispute the bid.

10. CONFLICT OF INTEREST: All bid awards are subject to Section 2-973 Conflict of Interest, City of Naples Code of Ordinances, which states: *"No public officer or employee shall have or hold any employment or contractual relationship with any business entity or any agency which is subject to the regulation of or is doing business with the city; nor shall an officer or employee have or hold any employment or contractual relationship that will create a continuing or frequently recurring conflict between his private interests and the performance of his public duties or that would impede the full and faithful discharge of his public duties. Any member of the city council or any city officer or employee who willfully violates this section shall be guilty of malfeasance in office or position and shall forfeit his office or position. Violation of this section with the knowledge, express or implied, of the person or corporation contracting with or making a sale to the city shall render the contract or sale voidable by the city manager or the city council."*

11. AWARDS: As the best interest of the City may require, the right is reserved to make award(s) by individual item, group of items, all or none, or a combination thereof; to reject any and all bids or waive any minor irregularity or technicality in bids received.

12. ADDITIONAL QUANTITIES: For a period not exceeding ninety (90) days from the date of acceptance of this offer by the buyer, the right is reserved to acquire additional quantities up to but not exceeding those shown on bid at the prices bid in this invitation. If additional quantities are not acceptable, the bid sheets must be noted "BID IS FOR SPECIFIED QUANTITY ONLY." (THIS PARAGRAPH DOES NOT APPLY FOR A TERM CONTRACT.)

13. SERVICE AND WARRANTY: Unless otherwise specified, the bidder shall define any warranty service and replacements that will be provided during and subsequent to this contract. Bidders must explain on an attached sheet to what extent warranty and service facilities are provided.

14. SAMPLES: Samples of items, when called for, must be furnished free of expense, on or before bid opening time and date, and if not destroyed may, upon request, be returned at the bidder's expense. Each individual sample must be labeled with bidder's name, manufacturer's brand name and number, bid number and item reference. Request for return of samples shall be accompanied by instructions which include shipping authorization and name of carrier and must be received with your bid. If instructions are not received within this time, the commodities shall be disposed of by the City of Naples.

15. BID PROTEST: The city has formal bid protest procedures that are available on request.

16. INSPECTION, ACCEPTANCE AND TITLE: Inspection and acceptance will be at destination unless otherwise provided. Title and risk of loss or damage to all items shall be the responsibility of the contract supplier until accepted by the ordering agency, unless loss or damage results from negligence by the ordering

17. DISPUTES: In case of any doubt or difference of opinion as to the items to be furnished hereunder, the decision of the buyer shall be final and binding on both parties.

18. GOVERNMENTAL RESTRICTIONS: In the event any governmental restrictions may be imposed which would necessitate alteration of the material, quality, workmanship or performance of the items offered on this proposal prior to their delivery, it shall be the responsibility of the successful bidder to notify the buyer at once, indicating in his letter the specific regulation which required an alteration. The City reserves the right to accept any such alteration, including any price adjustments occasioned thereby, or to cancel the contract at no expense to the City.

19. LEGAL REQUIREMENTS: Applicable provision of all Federal, State, county and local laws, and of all ordinances, rules, and regulations shall govern development submittal and evaluation of all bids received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a bid response hereto and the City of Naples by and through its officers, employees and authorized representatives, or any other person, natural or otherwise; and lack of knowledge by any bidder shall not constitute a cognizable defense against the legal effect thereof.

20. PATENTS AND ROYALTIES: The bidder, without exception, shall indemnify and save harmless the City of Naples and its employees from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the City of Naples. If the bidder uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work.

21. ADVERTISING: In submitting a bid, bidder agrees not to use the results there from as a part of any commercial advertising.

22. ASSIGNMENT: Any Purchase Order issued pursuant to this bid invitation and the monies which may become due hereunder are not assignable except with the prior written approval of the buyer.

23. LIABILITY: The supplier shall hold and save the City of Naples, its officers, agents, and employees harmless from liability of any kind in the performance of this contract.

24. 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, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

25. DISCRIMINATION: An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide 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 award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

26. COUNTY TAXES: No proposal shall be accepted from and no contract will be awarded to any person, firm or corporation that is in arrears to the government of Collier County, Florida.

27. OFFER EXTENDED TO OTHER GOVERNMENTAL ENTITIES: The City of Naples encourages and agrees to the successful bidder/proposer extending the pricing, terms and conditions of this solicitation or resultant contract to other governmental entities at the discretion of the successful bidder/proposer.

IF THIS BID IS FOR A TERM CONTRACT, THE FOLLOWING CONDITIONS SHALL ALSO APPLY

28. ELIGIBLE USERS: All departments of the City of Naples are eligible to use this term contract. Such purchases shall be exempt from the competitive bid requirements otherwise applying to their purchases.

29. PRICE ADJUSTMENTS: Any price decrease effectuated during the contract period by reason of market change shall be passed on to City of Naples. Price increases are not acceptable.

30. CANCELLATION: All contract obligations shall prevail for at least one hundred eighty (180) days after effective date of contract. After that period, for the protection of both parties, this contract may be cancelled in whole or in part by either party by giving thirty (30) days prior written notice to the other party.

31. RENEWAL: The City of Naples reserves the option to renew the period of this contract, or any portion thereof for up to two (2) additional periods. Renewal of the contract period shall be by mutual agreement in writing.

32. ABNORMAL QUANTITIES: While it is not anticipated, should any unusual or abnormal requirements arise, the City reserves the right to solicit separate bids thereon.

33. FISCAL NON-FUNDING CLAUSE: In the event sufficient funds are not budgeted for a new fiscal period, the City shall notify the contractor of such occurrence and the contract shall terminate on the last day of the current fiscal year without penalty or expense to the City.

IF THIS BID IS FOR PERFORMING A SERVICE, THE FOLLOWING CONDITIONS SHALL ALSO APPLY

34. ALTERNATIVE BIDS: Bidders offering service delivery methods other than those permitted by the scope of work may submit a separate envelope clearly marked "ALTERNATIVE BID". Alternative bids will be deemed non-responsive and will not be considered for award. All such responses will, however, be examined prior to award. Such examination may result in cancellation of all bids received to permit rewriting the scope of work to include the alternative method, or the alternative method may be considered for future requirements of the City of Naples.

35. ANTITRUST: By entering into a contract, the contractor conveys, sells, assigns and transfers to the City of Naples all rights, titles and interest it may now have or hereafter acquire under the antitrust laws of the United States and the State of Florida that relate to the particular goods or services purchased or acquired by the City of Naples under said contract.

36. BIDDER INVESTIGATIONS: Before submitting a bid, each bidder shall make all investigations and examinations necessary to ascertain all site conditions and requirements affecting the full performance of the contract and to verify any representations made by the City of Naples upon which the bidder will rely. If the bidder receives an award as a result of its bid submission, failure to have made such investigations and examinations will in no way relieve the bidder from its obligation to comply in every detail with all provisions and requirements of the contract documents, nor will a plea of ignorance of such conditions and requirements be accepted as a basis for any claim whatsoever by the contractor for additional compensation.

37. CERTIFICATES AND LICENSES: The Contractor, at time of proposal, shall possess the correct occupational licenses, all professional licenses or other authorizations necessary to carry out and perform the work required by the City of Naples and Collier County for this project pursuant to all applicable Federal, State and Local Laws, Statutes, Ordinances, and rules and regulations of any kind.

38. CHANGE IN SCOPE OF WORK: The City of Naples may order changes in the work consisting of additions, deletions or other revisions within the general scope of the contract. No claims may be made by the contractor that the scope of the project or of the contractor's services has been changed, requiring changes to the amount of compensation to the contractor or other adjustments to the contract unless such changes or adjustments have been made by written amendment to the contract signed by the City of Naples and the contractor. If the contractor believes that any particular work is not within the scope of the project, is a material change, or will otherwise require more compensation to the contractor, the contractor must immediately notify the City in writing of this belief. If the City believes that the particular work is within the scope of the contract as written, the contractor will be ordered to and shall continue with the work as changed and at the cost stated for the work within the scope.

39. CONTRACTOR PERSONNEL: The City of Naples shall, throughout the life of the contract, have the right of reasonable rejection and approval of staff or subcontractors assigned to the work by the contractor. If the City

reasonably rejects staff or subcontractors, the contractor must provide replacement staff or subcontractors satisfactory to the City in a timely manner and at no additional cost to the City. The day-to-day supervision and control of the contractor's employees and sub-contractors is the responsibility solely of the contractor.

40. COST REIMBURSEMENT: The contractor agrees that all incidental costs, including allowances for profit and tools of the trade, must be included in the bid proposal rates. If an arrangement is made between the contractor and the City to reimburse the contractor for the cost of materials provided in the performance of the work, the contractor shall be reimbursed in the following manner: The City shall reimburse the contractor on completion and acceptance of each assigned job, only for those materials actually used in the performance of the work that is supported by invoices issued by the suppliers of the contractor describing the quantity and cost of the materials purchased. No surcharge shall be added to the supplier's invoices or included in the contractor's invoice submitted to the City that would increase the dollar amount indicated on the supplier's invoice for the materials purchased for the assigned job.

41. EXCEPTIONS: Bidders taking exception to any part or section of the solicitation shall indicate such exceptions on the bid form. Failure to indicate any exception will be interpreted as the bidder's intent to comply fully with the requirements as written. Conditional or qualified bids, unless specifically allowed, shall be subject to rejection in whole or in part.

42. FAILURE TO DELIVER: In the event of the contractor to fail to deliver services in accordance with the contract terms and conditions, the City, after due oral or written notice, may procure the services from other sources and hold the contractor responsible for any resulting purchase and administrative costs. This remedy shall be in addition to any other remedies that the City may have.

43. FAILURE TO ENFORCE: Failure by the City at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of the City to enforce any provision at any time in accordance with its terms.

44. FORCE MAJEURE: The contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by the contract due to legal strikes, fires, riots, rebellions and acts of God beyond the control of the contractor, unless otherwise specified in the contract.

45. INDEPENDENT CONTRACTOR: The contractor shall be legally considered an independent contractor and neither the contractor nor its employees shall, under any circumstances, be considered servants or agents of the City of Naples and the City of Naples shall be at no time legally responsible for any negligence or any wrongdoing by the contractor, its servants or agents. The City of Naples shall not withhold from the contract payments to the contractor any federal income taxes, Social Security tax, or any other amounts for benefits to the contractor. Further, the City shall not provide to the contractor any insurance coverage or other benefits, including Workers' Compensation normally provided by the City for its employees.

46. ORAL STATEMENTS: No oral statement of any person shall modify or otherwise affect the terms, conditions or specifications stated in this contract. All modifications to the contract must be made in writing by the City of Naples.

47. QUALIFICATIONS OF BIDDERS: The bidder may be required, before the award of any contract, to show to the complete satisfaction of the City of Naples that it has the necessary facilities, ability, and financial resources to provide the service specified therein in a satisfactory manner. The bidder may also be required to give a past history and references in order to satisfy the City in regard to the bidder's qualifications. The City may make reasonable investigations deemed necessary and proper to determine the ability of the bidder to perform the work, and the bidder shall furnish to the City all information for this purpose that may be requested. The City reserves the right to reject any bid if the evidence submitted by, or investigation of, the bidder fails to satisfy the City that the bidder is properly qualified to carry out the obligations of the contract and to complete the work described therein. Evaluation of the bidder's qualifications shall include:

- > The ability, capacity, skill and financial resources to perform the work or service.
- > The ability to perform the work service promptly or within the time specified, without delay.
- > The character, integrity, reputation, judgment, experience, and efficiency of the bidder.

> The quality of performance of previous contracts or services.

48. QUALITY CONTROL: The contractor shall institute and maintain throughout the contract period a properly documented quality control program designed to ensure that the services are provided at all times and in all respects in accordance with the contract. The program shall include providing daily supervision and conducting frequent inspections of the contractor's staff and ensuring that accurate records are maintained describing the disposition of all complaints. The records so created shall be open to inspection by the City.

49. RECOVERY OF MONEY: Whenever, under the contract, any sum of money shall be recoverable from or payable by the contractor to the City, the same amount may be deducted from any sum due to the contractor under the contract or under any other contract between the contractor and the City. The rights of the City are in addition and without prejudice to any other right the City may have to claim the amount of any loss or damage suffered by the City on account of the acts or omissions of the contractor.

50. REQUIREMENTS CONTRACT: During the period of the contract, the contractor shall provide all the services described in the contract. The contractor understands and agrees that this is a requirements contract and that the City shall have no obligation to the contractor if no services are required. Any quantities that are included in the scope of work reflect the current expectations of the City for the period of the contract. The amount is only an estimate and the contractor understands and agrees that the City is under no obligation to the contractor to buy any amount of services as a result of having provided this estimate or of having any typical or measurable requirement in the past. The contractor further understands and agrees that the City may require services in excess of the estimated annual contract amount and that the quantity actually used whether in excess of, or less than, the estimated annual contract amount and that the quantity actually used shall not give rise to any claim for compensation other than the total of the unit prices in the contract for the quantity actually used.

51. TERMINATION FOR CONVENIENCE: The performance of work under the contract may be terminated by the City in whole or in part whenever the City determines that termination is in the City's best interest. Any such termination shall be effected by the delivery to the contractor of a written notice of termination of at least seven (7) days before the date of termination, specifying the extent to which performance of the work under the contract is terminated and the date upon which such termination becomes effective. After receipt of a notice of termination, except as otherwise directed, the contractor shall stop work on the date of the receipt of the notice or other date specified in the notice; place no further orders or subcontracts for materials, services or facilities except as necessary for completion of such portion of the work not terminated; terminate all vendors and subcontracts; and settle all outstanding liabilities and claims.

52. TERMINATION FOR DEFAULT: The City of Naples reserves the right to terminate the contract if the City determines that the contractor has failed to perform satisfactorily the work required, as determined by the City. In the event the City decides to terminate the contract for failure to perform satisfactorily, the City shall give to the contractor at least seven (7) days written notice before the termination takes effect. The seven-day period will begin upon the mailing of notice by the City. If the contractor fails to cure the default within the seven (7) days specified in the notice and the contract is terminated for failure to perform satisfactorily, the contractor shall be entitled to receive compensation for all reasonable, allocable and allowable contract services satisfactorily performed by the contractor up to the date of termination that were accepted by the City prior to the termination. In the event the City terminates the contract because of the default of the contractor, the contractor shall be liable for all excess costs that the City is required to expend to complete the work under contract.

53. STATE AND FEDERAL EMPLOYMENT LAWS: Contractors providing service to the City are required to comply with all state and federal employment laws. This includes, but is not limited to, laws resulting from the Immigration and Reform and Control Act of 1986, wherein all employers are required to verify the identity and employment eligibility of all employees. The Department of Homeland Security, U.S. Citizenship and Immigration Services require employees and employers to complete Form I-9 and the employer must examine evidence of identity and employment eligibility within three business days of the date employment begins. Non compliant contractors will be subject to contract sanctions, up to and including contract termination.

54. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION: The contractor agrees to comply with Executive Order 12549 "Debarment and

Suspension” and 2 CFR 180 “OMB Guidelines to Agencies on Government wide Debarment and Suspension.” These rules require all contractors using federal funds not be debarred or suspended from doing business with the Federal Government. This includes sub-recipients and lower tier participant for covered transactions. Signing and submitting this document certified the organization and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency, and further have not within the preceding three-year period been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction .

THE CITY OF NAPLES IS AN EQUAL OPPORTUNITY EMPLOYER

GENERAL INSURANCE REQUIREMENTS

The Contractor shall not commence work until he has obtained all the insurance required under this heading, and until such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work until all similar insurance required of the subcontractor has also been obtained and approved by the Owner.

Certificates of insurance must be issued by an authorized representative of the insurance company at the request and direction of the policyholder and must include sufficient information so as to identify the coverage and the contract for Owner's improvements for which they are issued. Certificates of insurance must be issued by a nationally recognized insurance company with a Best's Rating of no less than B+VII, satisfactory to the Owner, and duly licensed to do business in the state of said Contract.

The Contractor shall procure and maintain, during the life of this Contract, Worker's Compensation Insurance for all of his employees to be engaged in work under this Contract, and he shall require any subcontractor similarly to provide Worker's Compensation Insurance for all of the latter's employees to be engaged in such work, unless such employees are covered by the protection afforded by the Contractor's insurance. In case any employees are to be engaged in hazardous work under this Contract, and are not protected under this Worker's Compensation statute, the Contractor shall provide, and shall cause each subcontractor to provide, adequate coverage for the protection of such employees. It is acceptable to use a State-approved Worker's Compensation Self-Insurance fund.

The Contractor shall take out and maintain during the life of this Contract, Public Liability and Property Damage and shall include Contractual Liability, Personal Injury, Libel, Slander, False Arrest, Malicious Prosecution, Wrongful Entry or Eviction, Broad Form Property Damage, Products, Completed Operations and XCU Coverage to be included on an occurrence basis, and to the full extent of the Contract to protect him, the Owner, and any subcontractor performing work covered by this Contract from damages for personal injury, including accidental death, as well as from claims for property damage, which may arise from operations under this contract, whether such operations be by himself or by a subcontractor, or by anyone directly or indirectly employed by either of them. The Contractor shall also maintain automobile liability insurance including "non-owned and hired" coverage. The entire cost of this insurance shall be borne by the Contractor.

The amount of such insurance shall be no less than \$1,000,000 annual aggregate for bodily injury and property damage combined per occurrence.

The City of Naples must be named as Additional Insured on the insurance certificate and the following must also be stated on the certificate. "This coverage is primary to all other coverage the City possesses for this contract only." The City of Naples shall be named as the Certificate Holder. The Certificate Holder shall read as follows:

The City of Naples
735 Eighth Street South
Naples, Florida 34102

No City Division, Department, or individual name should appear on the Certificate.

No other format will be acceptable.

The Certificate must state the proposal number and title.

When using the "Accord"- 25 Certificate of Insurance only the most current version will be accepted.

The City of Naples requires a copy of a cancellation notice in the event the policy is cancelled. The City of Naples shall be expressly endorsed onto the policy as a cancellation notice recipient.

STATEMENT OF NO BID

If you will not be bidding on this product/service, please help us by completing and returning only this page to:

City of Naples, Purchasing Division
City Hall, 735 8th Street South
Naples, FL 34102
Fax 239-213-7105

Bid # _____ and Description: _____

We, the undersigned, decline to proposal on the above project for the following reason(s):

- ___ We are not able to respond to the Invitation to Bid or by the specified deadline.
- ___ Our Company does not offer this product or service.
- ___ Our current work schedule will not permit us to perform the required services.
- ___ Specifications are incomplete or information is unclear
(Please explain below).

___ Other (Please specify below)

Company Name _____ PH _____

Name and Title of individual completing this form:

(Printed Name) (Title)

(Signature) (Date)

REFERENCES

THIS SHEET MUST BE COMPLETED AND RETURNED WITH BID

PROVIDE AT LEAST THREE REFERENCES FOR WHOM YOUR COMPANY HAS PROVIDED SAME OR SIMILAR SERVICES WITHIN THE LAST 2 YEARS.

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE: _____

CONTACT PERSON: _____

CONTACT E-MAIL ADDRESS: _____

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE: _____

CONTACT PERSON: _____

CONTACT E-MAIL ADDRESS: _____

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE: _____

CONTACT PERSON: _____

CONTACT E-MAIL ADDRESS: _____

Submitting Vendor Name: _____

CONSTRUCTION
SPECIAL CONDITIONS

A. TERMS OF CONTRACT

The resulting contract will commence on award and be in effect until completion of the project. Services to be rendered by the CONTRACTOR shall be commenced subsequent to the execution of this Agreement upon written Notice to Proceed from the CITY for all or any designated portion of the Project must be completed by the contract dates specified within the Notice of Proceed. Should CONTRACTOR fail to complete the project within this timeframe, daily liquidated damages in an amount consistent with the current Sec. 8-10.2 Florida Department of Transportation Standard Specifications will be assessed. RETAINAGE; As a method to assure completion of the total project, retainage in the amount of ten percent (10%) of all work completed will be withheld from the payment. The ten percent (10%) will not be released until all work has been completed, inspected and accepted by the City.

B. PROHIBITION OF CONTACT

Under no circumstances should any prospective organization or individual, or anyone acting for or on behalf of a prospective organization or individual, seek to influence or gain the support of any member of the City Council, public official or City staff favorable to the interest of any prospective organization or individual. Likewise, contact with City Council, any public official or city staff against the interests of other prospective organization (s) and or individual(s) is prohibited. Any such activities will result in the exclusion of the prospective organization or individual from consideration by the City.

C. REFERENCES

Bidder must submit a minimum of three references on the form provided. Additionally, a signed and dated IRS W-9 form with EIN is required from all vendors.

D. STATEMENT OF NO BID

If you will not be bidding on this producer/service, please help us by completing and returning the Statement of No Bid.

E. BID FORMAT

The Contract, if awarded, will be awarded on the basis of material and equipment illustrated and described on the Drawings or specified in the Specification. If a substitution or an "or equal" item is proposed, Proposer must submit this information to the City of Naples Purchasing Department five (5) days prior to the Proposal Date for evaluation as an acceptable substitution or an "or equal" item. If the substitution or the "or equal" item is accepted, the City of Naples will issue an Addendum to all Proposers listing the allowable substitution or the "or equal" item. The cost of changes in related work, additional drawings which may be required to illustrate or define the substitute or "or equal" equipment and its relationship to the other parts or portions of the Work shall be paid by the Contractor. No change will be made in the amount of time in which to complete the Work or in the liquidated damages. Submission of substitutions must be accomplished a **minimum of five (5) days prior** to the receipt of bids. Substitutions requested after receipt of bids shall be returned to the Contractor without action by the Architect.

F. **BID SECURITY / BID BOND**

It is the policy of the City of Naples to require a Bid Bond for all construction-related sealed bids estimated to be in excess of \$100,000. A bid bond or equivalent financial security in the amount of five (5) percent of the bid price shall be required and must accompany all bids. The Bid Bond is to be provided by a surety company authorized to do business in the State of Florida or otherwise supplied in a form satisfactory to the City. The bid bond must be submitted with the bid. When the invitation for bids requires a bid bond, noncompliance will result in rejection of the bid.

Note that failure or refusal of the awarded bidder to enter into a contract within twenty (20) calendar days after receipt of said contract will result in damages to the City and bid bond will be forfeited to the City as liquidated damages.

G. **PROPOSAL CONSTRUCTION PERFORMANCE & PAYMENT BONDS**

A Performance and Payment Bond will be required of the Awarded Proposer for any contract that is in excess of \$100,000.00 dollars and will be in an amount equal to 100 (%) percent of the price specified in the Contract.

The bond(s) shall be executed by a surety company authorized to do business in the State of Florida, or otherwise secured in a manner satisfactory to the City for the protection of all persons supplying labor and material to the contractor or its subcontractors for the performance of the work provided for in the contract.

Proof of insurance from the successful proposer is required at the time of issuance and award of a contract.

H. **QUESTIONS**

Questions regarding this proposer packet must be received in writing in the Purchasing Division **NO LATER THAN TEN CALENDAR DAYS PRIOR TO THE PROPOSAL CLOSING DATE TO ENSURE AN ANSWER IS PROVIDED PRIOR TO CLOSING.**

Direct all questions to:
Gerald "Jed" Secory, MBA / CPPO / CPM
Purchasing and Contracts Manager
City of Naples, Purchasing Division
735 8th Street South
Naples, Florida 34102
PH: (239) 213-7102 FX: (239) 213-7105
Jsecory@naplesgov.com

SUBMISSION CHECKLIST

Bidder should check off each of the following items as completed and submit with bid response:

CHECKLIST ELEMENTS	INCLUDED
<ul style="list-style-type: none"> • Submit one (1) original signature and four (4) copy of your original bid proposal / document AND a Windows© compatible PDF of the original document on a CD or Flash / Thumb Drive that is clearly labeled. 	<input type="checkbox"/>
<ul style="list-style-type: none"> • Include any required drawings; descriptive literature; qualifications; schedules; product compliance / exceptions; alternatives; questionnaire; references, forms, tabs, pricing/cost; and any information required of the proposer identified in the text of the bid including information for bid evaluation. 	<input type="checkbox"/>
<ul style="list-style-type: none"> • Include any delivery information. 	<input type="checkbox"/>
<ul style="list-style-type: none"> • Mandatory FORMS from this document to be included are: <u>Cover Sheet</u>, <u>References Sheet</u>, <u>Submission Checklist Sheet</u>, current (DEC 2014 <u>W-9 IRS form</u>, and <u>Compensation Schedule</u>. 	<input type="checkbox"/>
<ul style="list-style-type: none"> • Have an authorized individual sign the appropriate pages including the <u>Cover Sheet</u> with any bid addendums initialed. Also, examples of vendor contracts used by the City can be found on the Naples Purchasing web site and should be reviewed by the vendor. 	<input type="checkbox"/>
<ul style="list-style-type: none"> • Bid proposal / document needs to be received by the OPENING DATE & TIME indicated on the Cover Sheet. The mailing envelope must be addressed to: <div style="text-align: center;"> City of Naples Purchasing Division 735 8th Street South Naples, Florida 34102 </div> 	<input type="checkbox"/>
<p style="text-align: center;">The mailing envelope should be sealed and marked with:</p> BID Number: 16-022 BID Title: Utilities Maintenance Building Replacement ITB BID Opening Date: 3/1/2016	<input type="checkbox"/>

ALL COURIER DELIVERED PROPOSALS MUST HAVE THE BID NUMBER AND TITLE ON THE OUTSIDE OF THE COURIER PACKET.

Submitting Vendor Name: _____

At the discretion of the Purchasing Manager, bids or proposals with minor irregularities may be accepted and allowed to be corrected when in the best interest of the City.

City of Naples FL
Invitation to Bid
16-022 Utilities Maintenance Building Replacement

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SECTION 01010
SUMMARY OF THE WORK

PART 1 – GENERAL

1.1 SUMMARY

A. Work Included:

1. The “Project” of which the “Work” of this Contract is a part, is titled “City of Naples - Utility maintenance Building ”, and is a one story structure of approximately 6,700 sf area and is located on an improved site at 1450 4th Avenue North, Naples, Florida 34102, in Collier County, Florida.
2. The “Work” of this Contract is defined in the Contract Documents to include, but not necessarily to be limited to;
 - a. The structure is designed as a pre-engineered metal building supported on a structural reinforced concrete slab with grade beams and driven precast concrete pilings. Exterior walls are concrete masonry unit and metal building panels. Interior finishes and partitions are steel stud and gypsum board, suspended gypsum board and acoustical tile ceilings, toilet rooms, tile and VCT flooring and partially air conditioned at the Office functions.
 - b. The site work generally consists of underground utilities new and relocations, paving, storm water systems, curbs, landscaping and irrigation.
 - c. The existing Maintenance building is on site and shall remain in place and functioning until completion of the new structure. The City shall relocate and abandoned the the existing building for demolition by this work. Following demolition the final site development work shall complete. City function in buildings surrounding the site shall remain in operation at all time during the work.

B. Related Work:

1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
2. The work of other contracts is described in various contract documents prepared therefore, some of which are in the possession of the Owner and are available for inspection by interested parties.

C. Utilities:

1. The contractor may connect to the owners existing required and necessary temporary utilities, including but not limited to:
 - a) Water
 - b) Power
 - c) Fire protection

D. Other Contractors:

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1. The Owner may contract with other entities to provide additional materials and labor on this project. The general contractor shall coordinate rough-in installations of work by others to avoid delays, demolition, and removal of work of any trade whether under contract with the general contractor or the Owner.

E. All references to General Contractor, contractor, sub-contractor, material suppliers or specialty contractor, in relation to the work shall be deemed, for purposes of the Owner/Contractor Agreement as the General Contractor who shall have sole responsibility and control of the distribution of work, and means and methods of construction of the project.

F. All warranties shall commence at the time of the project Substantial Completion as issued by the Architect. The warranty shall be for the time period stated and if not stated shall be for a minimum of TWO (2) years.

END OF SECTION

1 **SECTION 01021**
2 **CASH ALLOWANCES**

3
4
5 **PART 1 – GENERAL**

6
7 **1.1 SUMMARY**

8
9 A. To provide adequate budget and bonding to cover items not precisely determined by the
10 Owner prior to bidding, allow within the proposed Contract Sum the amounts described in
11 this Section.

12
13 B. Related Work:

- 14 1. Documents affecting work of this Section include, but are not necessarily limited to,
15 General Conditions, Supplementary Conditions, and Sections in Division 1 of these
16 Specifications.
17 2. Other provisions concerning Cash Allowances are stated in Paragraph 4.8 of the General
18 Conditions.
19 3. Other provisions concerning Cash Allowances also may be stated in other Sections of
20 these Specifications.
21

22 **1.2 SPECIFIC CASH ALLOWANCES**

23
24 A. There are NO cash allowances for the project.
25

26 **END OF SECTION**
27

SECTION 01045
CUTTING AND PATCHING

PART 1 – GENERAL

1.1 SUMMARY

A. This Section establishes general requirements pertaining to cutting, fitting, and patching of the Work required to:

1. Make the several parts fit properly;
2. Uncover work to provide for installing, inspecting, or both, of damaged existing work;
3. Remove and replace work not conforming to requirements of the Contract Documents;
and
4. Remove and replace defective work.

B. Related Work:

1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
2. In addition to other requirements specified, upon the Architect's request uncover work to provide for inspection by the Architect of covered work, and remove samples of installed materials for testing.
3. Do not cut or alter work performed under separate contracts without the Architect's written permission.

1.2 SUBMITTALS

A. Request for Owners / Architect's consent:

1. Prior to cutting which effects structural safety, submit written request to the Architect for permission to proceed with cutting.
2. Should conditions of the Work, or schedule, indicate a required change of materials or methods for cutting and patching, so notify the Architect and secure his written permission and the required Change Order prior to proceeding.

B. Notices to the Architect:

1. Prior to cutting and patching performed pursuant to the Architect's instructions, submit cost estimate to the Owner in the event work is deemed not a part of the original scope. Secure the Owner's approval of cost estimates and type of reimbursement before proceeding with cutting and patching.
2. Submit written notice to the Owner not less than 24 hours in advance, designating the time the Work will be uncovered, to provide for the Owner's observation.

1.3 QUALITY ASSURANCE

A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.

1
2
3 PART 2 – PRODUCTS
4

5 2.1 MATERIALS
6

7 A. For replacement of items removed, use materials complying with pertinent Sections of these
8 Specifications.
9

10 2.2 PAYMENT FOR COSTS
11

12 A. The Owner will reimburse the Contractor, accepting allowance items, for cutting and patching
13 performed pursuant and allowance of this work or to a written Change Order, after claim for
14 such reimbursement is submitted by the Contractor. Perform other cutting and patching
15 needed to comply with the Contract Documents at no additional cost to the Owner.
16

17 PART 3 – EXECUTION
18

19 3.1 SURFACE CONDITIONS
20

21 A. Inspection:

- 22 1. Inspect existing conditions, including elements subject to movement or damage during
23 cutting, excavating, patching, and backfilling.
24 2. After uncovering the work, inspect conditions affecting installation of new work.
25

26 B. Discrepancies:

- 27 1. If uncovered conditions are not as anticipated, immediately notify the Owner and secure
28 needed directions.
29 2. Do not proceed until unsatisfactory conditions are corrected.
30

31 3.2 PREPARATION PRIOR TO CUTTING
32

33 A. Provide required protection including, but not necessarily limited to, shoring, bracing, and
34 support to maintain structural integrity of the Work.
35

36 3.3 PERFORMANCE
37

38 A. Perform required work as required under pertinent other Sections of these Specifications.

- 39 1. Perform cutting and demolition by methods which will prevent damage to other portions
40 of the Work and provide proper surfaces to receive installation of repair and new work.
41 2. Perform fitting and adjusting of products to provide finished installation complying with
42 the specified tolerances and finishes.
43
44

45 END OF SECTION

SECTION 01200
PROJECT MEETINGS

PART 1 – GENERAL

1.1 SUMMARY

- A. To enable orderly review during progress of the Work, and to provide for systematic discussion of problems, the Architect will conduct project meetings throughout the construction period.
- B. Related Work:
 - 1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
 - 2. The Contractor's relations with his subcontractors and materials suppliers, and discussions relative thereto, are the Contractor's responsibility and normally are not part of project meetings content.

1.2 SUBMITTALS

- A. Agenda Items:
 - 1. To the maximum extent practicable, advise the Architect at least 24 hours in advance of project meetings regarding items to be added to the agenda.
- B. Minutes:
 - 1. The Contractor will compile type written minutes of each project meeting, and will furnish two copies to the Architect within three days of the meeting occurrence. In the event the Contractor fails to issue the meeting minutes as outlined the Architect shall compile and type the meeting minutes and the Contractor shall reimburse the Architect for the time expended at triple the Architect Normal hourly rates. The Architect shall compile minutes of the pre-construction conference.
 - 2. Contractor may make copies and distribute such other copies as he wishes.

1.3 QUALITY ASSURANCE

- A. For those persons designated by the Contractor, his subcontractors, and suppliers to attend the Preconstruction Conference, provide required authority to commit the entities they represent to solutions agreed upon in the Conference.

PART 2 – PRODUCTS

(No products are required in this Section)

PART 3 - EXECUTION

3.1 MEETING SCHEDULE

- 1
2 A. Except as noted below for Preconstruction Meeting, project meetings will be held weekly.
3
4 B. Coordinate as necessary to establish mutually acceptable schedule for meetings.
5

6 3.2 MEETING LOCATION 7

- 8 A. The Architect will establish meeting location. To the maximum extent practicable, meetings
9 will be held at the job site.
10

11 3.3 PRECONSTRUCTION MEETING 12

- 13 A. Preconstruction Meeting will be scheduled to be held within 15 working days after the Owner
14 has issued the Notice to Proceed.

- 15 1. Provide attendance by authorized representatives of the Contractor and major
16 subcontractors.
17 2. The Architect will advise other interested parties, including the Owner, and request their
18 attendance.
19

- 20 B. Minimum Agenda:

- 21 1. Data will be distributed and discussed on at least the following items -
22 a) Organizational arrangement of Contractor's forces and personnel, and those of
23 subcontractors, materials suppliers, and Architect.
24 b) Channels and procedures for communications.
25 c) Construction schedule, including sequence of critical work.
26 d) Contract Documents, including distribution of required copies of original documents
27 and revisions.
28 e) Processing of Shop Drawings and other data submitted to the Architect for review.
29 f) Processing of Bulletins, field decisions, and Change Orders.
30 g) Rules and regulations governing performance of the Work.
31 h) Procedures for safety and first aid, security, quality control, housekeeping and related
32 matters.
33

34 3.4 PROJECT MEETINGS 35

- 36 A. Attendance:

- 37 1. To the maximum extent practicable, assign the same person or persons to represent the
38 Contractor at project meetings throughout progress of the Work.
39 2. Subcontractors, materials suppliers, and others may be invited to attend those project
40 meetings in which their aspect of the Work is involved.
41

- 42 B. Minimum Agenda:

- 43 1. Review, revise as necessary, and approve minutes of previous meetings.
44 2. Review progress of the Work since last meeting, including status of submittals for
45 approval and project schedule.
46 3. Identify problems that impede planned progress.
47 4. Develop corrective measures and procedures to regain planned schedule.

- 1 5. Complete other current business.
- 2
- 3 C. Revisions to Minutes:
- 4 1. Unless published minutes are challenged in writing prior to the next regularly scheduled
- 5 progress meeting, they will be accepted as properly stating the activities and decisions of
- 6 the meeting.
- 7 2. Challenge to minutes shall be settled as priority portions of “old business” at the next
- 8 regularly scheduled meeting.

9
10
11

END OF SECTION

SECTION 01340
SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

PART 1 – GENERAL

1.1 SUMMARY

- A. Make submittals required by the Contract Documents, and revise and resubmit as necessary to establish compliance with the specified requirements, all as described in this Section.
- B. Related Work:
1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
 2. Individual requirements for submittals also may be described in pertinent Sections of these Specifications.
 3. The process for securing approval of proposed substitutions is described in Section 01630 – Product Options and Substitutions.
- C. Work Not Included:
1. Unrequired submittals will not be reviewed by the Architect.
 2. The Contractor may require his subcontractors to provide drawings, setting diagrams, and similar information to help coordinate the Work, but such data shall remain between the Contractor and his subcontractors and will not be reviewed by the Architect unless specifically called for within the Contract Documents.

1.2 SUBMITTALS

- A. Make submittals of Shop Drawings, Samples, substitution requests, and other items in accordance with the provisions of this Section.

1.3 QUALITY ASSURANCE

- A. Coordination of submittals:
1. Prior to each submittal, carefully review and coordinate all aspects of each item being submitted.
 2. Verify that each item and the submittal for it conform in all respects with the specified requirements.
 3. Affix the Contractor's review stamp and signature to each submittal, certifying that this coordination has been performed.

1.4 REIMBURSEMENT OF ARCHITECT'S COSTS

- A. In the event submittals are reviewed and rejected, and the subsequent resubmittal is not properly corrected by the contractor, and the Architect rejects the submittal upon the second review, the Architect will record all time used by the Architect and the Architect's consultants in evaluating each such subsequent submittal.

- 1 B. Whether or not the Architect approves subsequent submittals of the same item, the Contractor
2 promptly upon receipt of the Architect’s billing shall reimburse the Architect at the rate of
3 three (3) times the direct cost to the Architect and the Architect’s consultants for all time spent
4 by them in reviewing the third and subsequent submissions of the same item(s).

5
6 PART 2 – PRODUCTS

7
8 2.1 SHOP DRAWINGS

- 9
10 A. Scale and measurements
11 1. Make Shop Drawings accurately to a scale sufficiently large to show all pertinent aspects
12 of the item and its method of connection to the Work.
13
14 B. Types of prints required:
15 1. Submit Shop Drawings in the form of six (6) blackline prints of each sheet 24 x 36.
16
17 C. Review comments of the Architect will be shown on the reply form or marked on the
18 drawings when it is returned to the Contractor. The Contractor may make and distribute such
19 copies as are required for his purposes.

20
21 2.2 MANUFACTURERS’ LITERATURE

- 22
23 A. Where contents of submitted literature from manufacturers includes data not pertinent to the
24 submittal, clearly show which portion of the contents is being submitted for review.
25
26 B. Submit the number of copies which are required to be returned, plus two copies which will be
27 retained by the Architect.
28

29 2.3 SAMPLES

- 30
31 A. Provide Sample or Samples identical to the precise article proposed to be provided. Identify
32 as described under “Identification of Submittals” below.
33
34 B. Number of Samples required:
35 1. Unless otherwise specified, submit Samples in the quantity that is required to be returned,
36 plus one that will be retained by the Architect.
37 2. By prearrangement in specific cases, a single Sample may be submitted for review and,
38 when approved, be installed in the Work at a location agreed upon by the Architect.
39

40 2.4 COLORS AND PATTERNS

- 41
42 A. Unless the precise color and pattern is specifically called out in the Contract Documents, and
43 whenever a choice of color or pattern is available in the specified products, submit accurate
44 color and pattern charts to the Architect for selection.
45

46 PART 3 – EXECUTION

47
48 3.1 IDENTIFICATION OF SUBMITTALS

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- A. Consecutively number all submittals.
 - 1. When material is submitted for any reason, transmit under a new letter of transmittal and with a new transmittal number.
 - 2. On resubmittals, cite the original submittal number for reference.
- B. Accompany each submittal with a letter of transmittal showing all information required for identification and checking.
- C. On at least the first page of each submittal, and elsewhere as required for positive identification, show the submittal number in which the item was included.
- D. Submittal Log:
 - 1. The Contractor shall maintain an accurate submittal log for the duration of the Work, showing current status of all submittals at all times.
 - 2. Make the submittal log available to the Architect for the Architect’s review upon request.

3.2 GROUPING OF SUBMITTALS

- A. Unless otherwise specified, make submittals in groups containing all associated items to assure that information is available for checking each item when it is received.
 - 1. Partial submittals may be rejected as not complying with the provisions of the Contract.
 - 2. The Contractor may be held liable for delays so occasioned.

3.3 TIMING OF SUBMITTALS

- A. Make submittals far enough in advance of scheduled date for installation to provide time required for reviews, for securing necessary approvals, for possible revisions and resubmittals, and for placing orders and securing delivery.
- B. In scheduling, allow at least ten working days for review by the Architect following the Architect’s receipt of the submittal.
- C. In the event of large submittals, prioritize the submittals for the Architect’s review.

3.4 REQUIRED SUBMITTALS

- A. Submittals required by the Contract Documents are listed in the text of this project manual.

END OF SECTION

SECTION 01630
PRODUCT OPTIONS AND SUBSTITUTIONS

PART 1 – GENERAL

1.1 SUMMARY

- A. This Section describes product options available to bidders and the Contractor, plus procedures for securing approval of proposed substitutions prior to receipt of bids. The submission of substitutions must be accomplished a **minimum of five (5) days prior** to the receipt of bids. Substitutions requested after receipt of bids shall be returned to the Contractor without action by the Architect.
- B. Related Work:
1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.
 2. Make submittals in accordance with pertinent provisions of Section 01340.

1.2 PRODUCT OPTIONS

- A. The contract is based on standards of quality established in the Contract Documents.
1. In agreeing to the terms and conditions of the Contract, the Contractor has accepted a responsibility to verify that the specified products will be available and to place orders for all required materials in such a timely manner as is needed to meet his agreed construction schedule.
 2. Neither the Owner nor the Architect has agreed to the substitution of materials or methods called for in the Contract Documents, except as they may specifically otherwise state in writing.
- B. Materials and/or methods specified by name:
1. Where materials and/or methods are specified by naming one single manufacturer and/or model number, without stating that equal products will be considered, only the material and/or method named is approved for incorporation into the Work.
 2. **PRODUCT LIST:**
 - a. Within 30 days after the contract date, submit to the Architect a complete list of major products to be used, with the name of the manufacturer and the installing sub-contractor.
 - b. Verify product availability for the scheduled delivery date.
 3. Should the Contractor demonstrate to the approval of the Architect that a specified material or method was ordered in a timely manner and will not be available in time for incorporation into this Work, the Contractor shall submit to the Architect such data on proposed substitute materials and/or methods as are needed to help the Architect determine suitability of the proposed substitution.

- 1 C. Where materials and/or methods are specified by name and/or model number, followed by the
2 words “or an equal approved in advance by the Architect”:
3
4 1. The material and/or method specified by name establishes the required standard of
5 quality.
6 2. Materials and/or methods proposed by the Contractor to be used in lieu of materials
7 and/or methods so specified by name shall in all ways equal or exceed the qualities of the
8 named materials and/or methods.
9
10 D. The following products do not require further approval except for interface within the Work:
11 1. Products specified by reference to standard specifications such as ASTM and similar
12 standards.
13 2. Products specified by manufacturer’s name and catalog model number.
14
15 E. Where the phrase “or equal”, or “or equal as approved by the Architect”, occurs in the
16 Contract Documents, do not assume that the materials, equipment, or methods will be
17 approved as equal unless the item has been specifically so approved for this Work by the
18 Architect.
19
20 F. The decision of the Architect shall be final.

21
22 1.3 REIMBURSEMENT OF ARCHITECT’S COSTS
23

- 24 A. In the event substitutions are proposed to the Architect after the Contract has been awarded,
25 the Architect will record all time used by the Architect and the Architect’s consultants in
26 evaluating each such proposed substitution.
27
28 B. Whether or not the Architect approves a proposed substitution, the Contractor promptly upon
29 receipt of the Architect’s billing shall reimburse the Architect at the rate of three (3) times the
30 direct cost to the Architect and the Architect’s consultants for all time spent by them in
31 evaluating the proposed substitution.
32

33 1.4 DELAYS
34

- 35 A. Delays in construction arising by virtue of the nonavailability of a specified material and/or
36 method will not be considered by the Architect as justifying an extension of the agreed Time
37 of Completion.
38
39

40
END OF SECTION

SECTION 01740
WARRANTIES AND BONDS

PART 1 - GENERAL

1.1 REQUIREMENTS INCLUDED

- A. Compile specified warranties and bonds.
- B. Compile specified service and maintenance contracts.
- C. Co-execute submittals when so specified.
- D. Review submittals to verify compliance with Contract Documents.
- E. Submit to Architect for review and transmittal to Owner.

1.2 RELATED SECTIONS

- A. Instructions to Bidders - Bid or Proposal Bonds.
- B. Conditions of the Contract - Labor and Material Payment Bond.
- C. Supplementary Conditions - Maintenance Bonds.
- D. Conditions of the Contract - General Warranty of Construction.
- E. Contract Close-Out.
- F. Operating and Maintenance Data.
- G. Each respective Section of Specifications: Warranties and Bonds Required for Specific Products.
- H. The respective Section of Specifications which specifies the product: Provisions of Warranties & Bonds, Duration.

1.3 SUBMITTAL REQUIREMENTS

- A. Assemble warranties, bonds and service and maintenance contracts, executed by each of respective manufacturers, suppliers and subcontractors in accordance with General Conditions and Supplementary Conditions.
- B. Number of original signed copies required: Four (4) each.
- C. Table of Contents: Neatly typed, in orderly sequence. Provide complete information for each item:
 - 1. Product or work item.
 - 2. Firm, with name of principal, address and telephone number.

3. Scope.
4. Date of beginning of warranty, bond or service and maintenance contract. In no case shall the date begin prior to acceptance by Architect of that portion of the work or the date of Substantial Completion, whichever is the latter.
5. Duration of warranty, bond or service maintenance contract.
6. Provide information for Owner's personnel:
 - a. Proper procedure in case of failure.
 - b. Instances which might affect the validity of warranty or bond.
 - c. Contractor, name of responsible principal, address and telephone number.

1.4 FORM OF SUBMITTALS

- A. Prepare in duplicate packets.
- B. Format:
 1. Size: 8-1/2" x 11" punch sheets for standard 3-ring binder:
 - a. Fold larger sheets to fit into binders.
 2. Cover: Identify each packet with typed or printed title "WARRANTIES AND BONDS". List:
 - a. Title of Project.
 - b. Location of Project.
 - c. Name of Contractor.
- C. Binders: Commercial quality, 3-ring, with durable and cleanable plastic covers, all of same color.

1.5 TIME OF SUBMITTALS

- A. For equipment of component parts of equipment put into service during progress of construction:
 1. Submit documents within ten (10) days after the Date of Substantial Completion, prior to final request for payment.
- B. For items of work where acceptance is delayed materially beyond Date of Substantial Completion, provide updated submittal within ten (10) days after acceptance, listing date of acceptance as start of warranty period.

1.6 SUBMITTALS REQUIRED

- A. Submit warranties, bonds, service and maintenance contracts as specified in respective Sections of Specifications.
- B. Submit additional manufacturer's standard warranties where available at no additional cost, but not specifically indicated in respective Specification Sections.

END OF SECTION

Compensation Schedule

Project Name	Utilities Maintenance Building Replacement ITB		
Project Number	16-022		
Date	27-Jan-16		
Sheet	1	of	1

Number	Division	Cost
2	Site Work	0
2.1	Concrete Piles	0
2.2	Building Demolition	0
3	Concrete	0
4	Masonry (in Conc)	0
5	Metals	0
6	Wood & Plastics	0
7	Thermal & Moisture	0
8	Doors & Windows	0
9	Finishes	0
10	Specialties	0
11	Equipment	0
12	Furnishings	0
13	Metal Building	0
14	Conveying	0
15	Mechanical	0
16	Electrical	0
17	Relocate Telemetry	0
18	Other Miscellaneous	0
Sub-Total Building Cost		\$0
0 & 1	Gen. Conditions	0
	Builders Risk Insurance	0
	GL & P&P	0
	OH & P	0
Total Cost		\$0

Company Name _____ PH _____

Email _____

Name and Title of individual completing this schedule:

 (Printed Name) (Title)

 (Signature) (Date)

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CONSULTANTS:

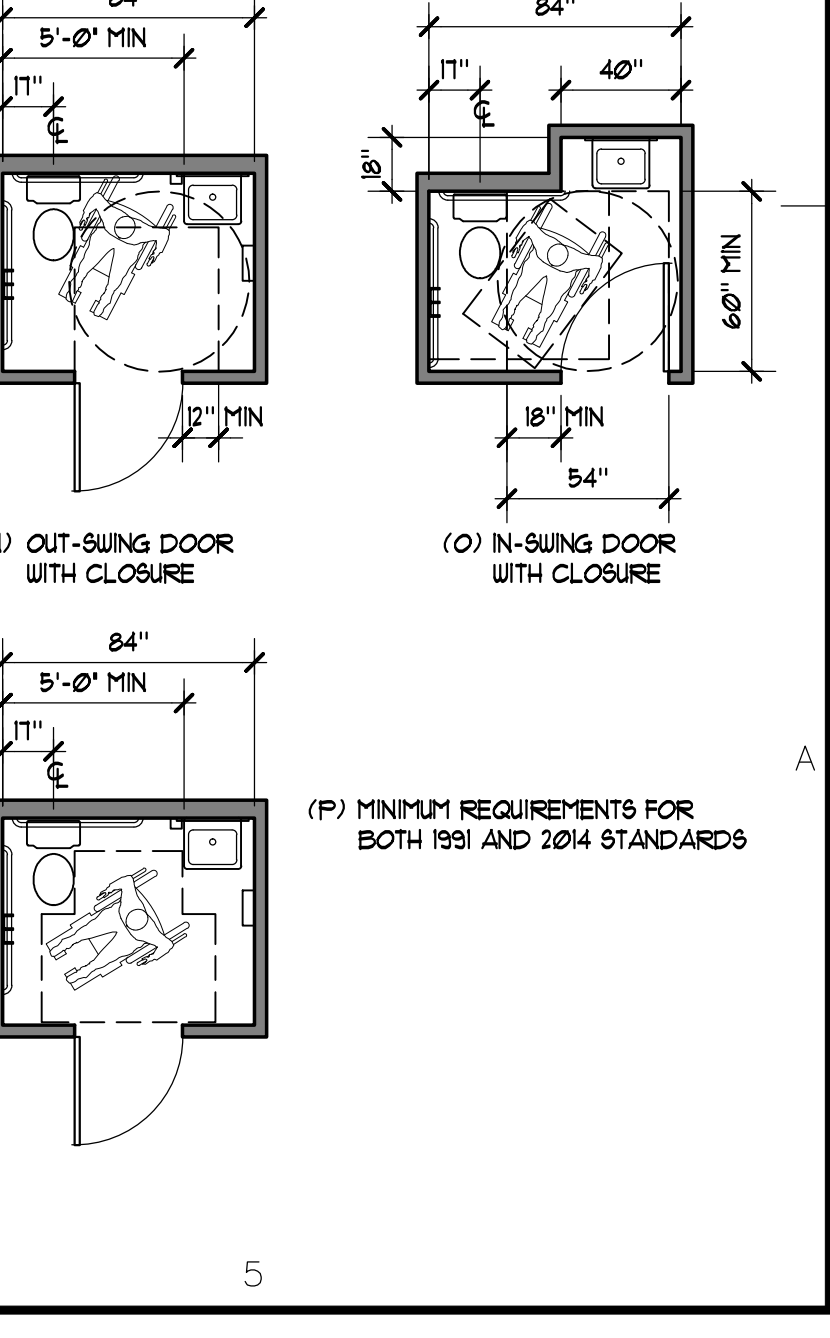
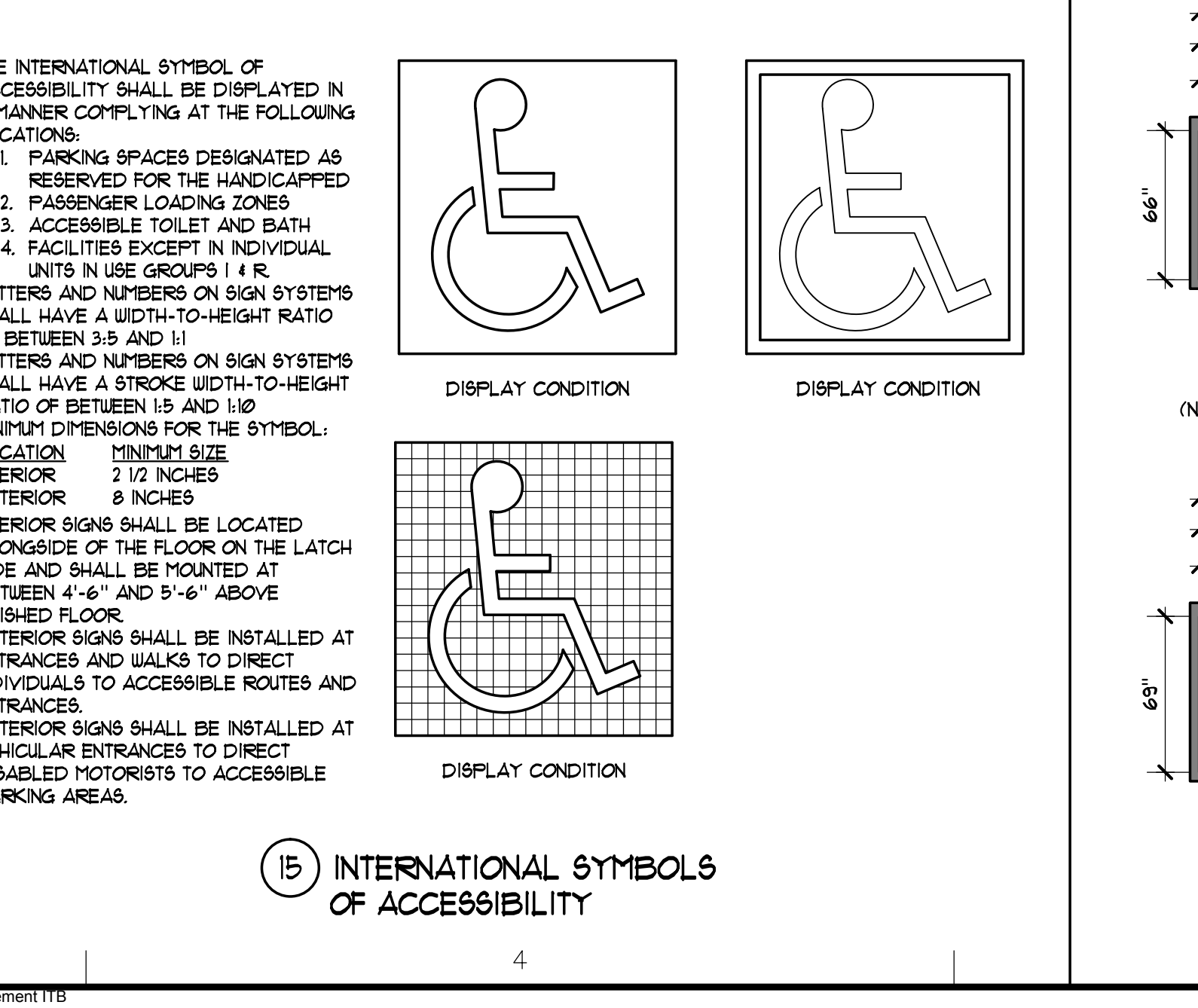
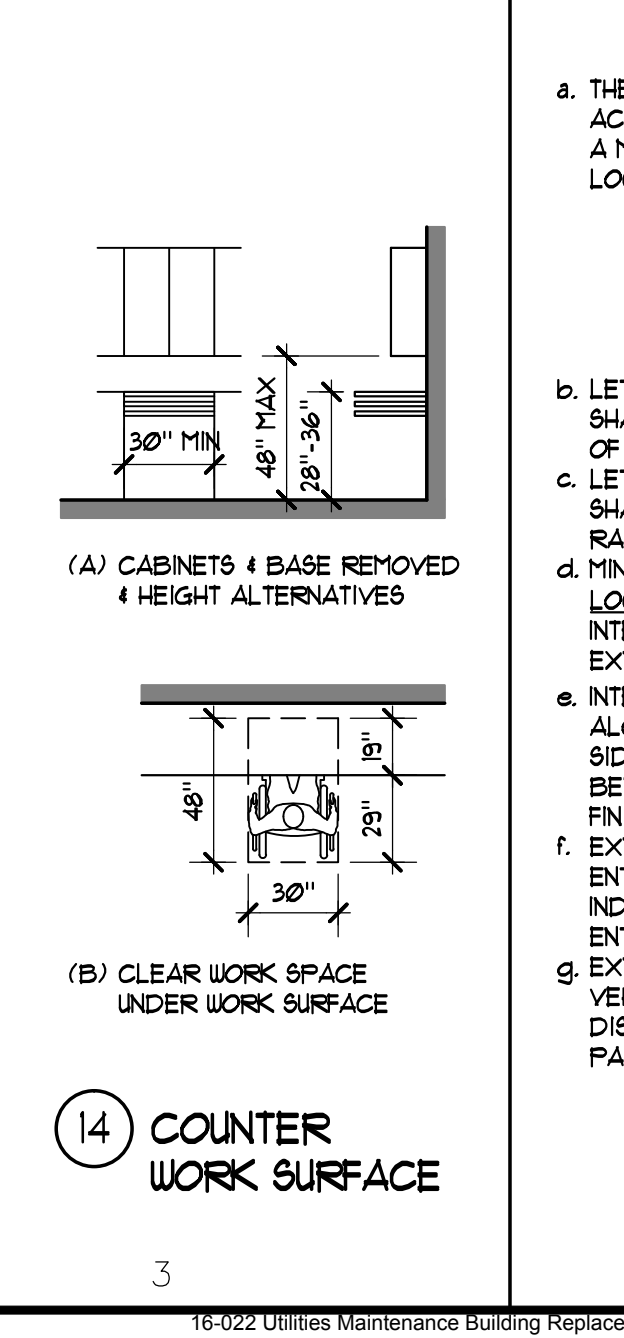
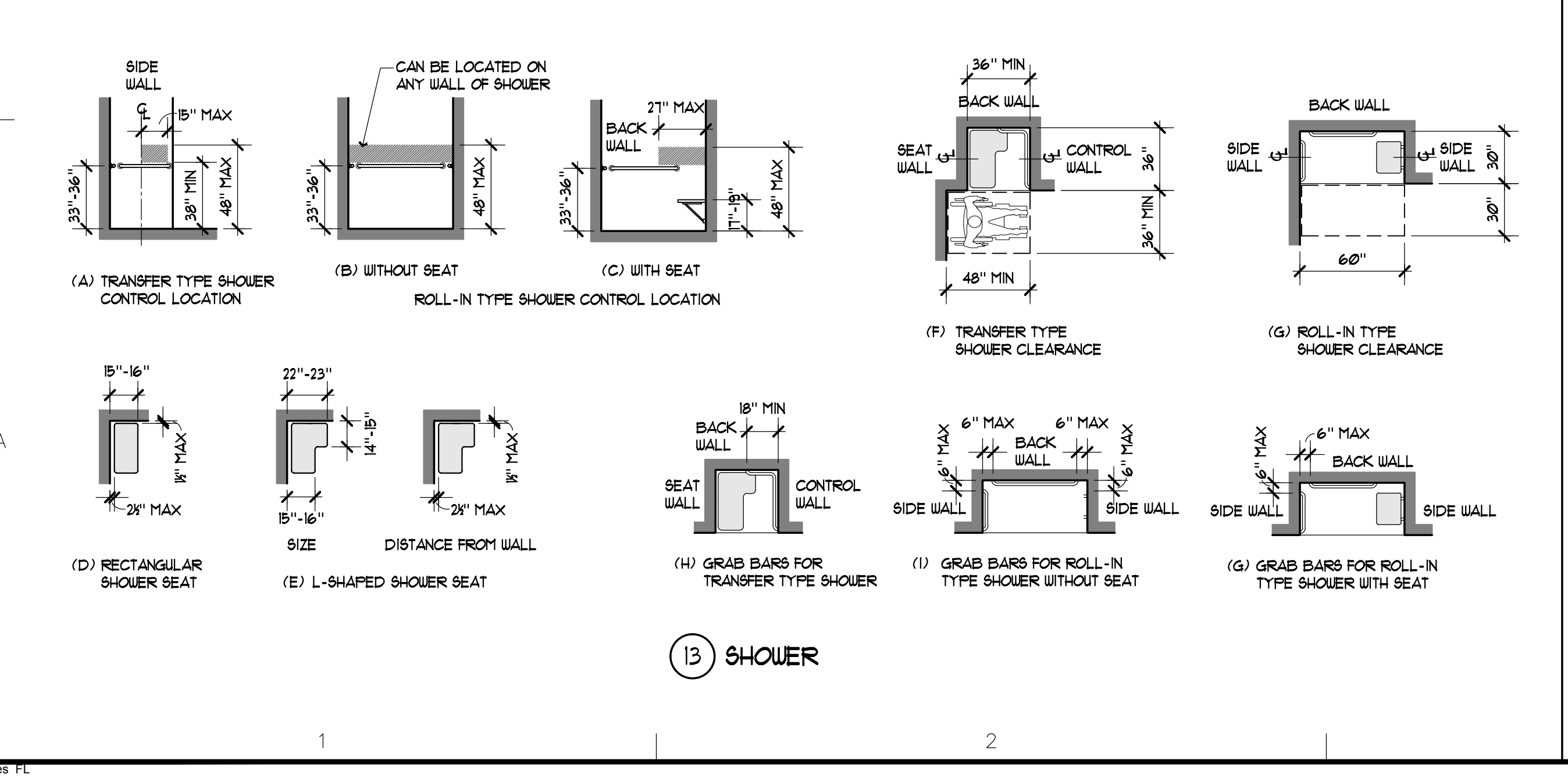
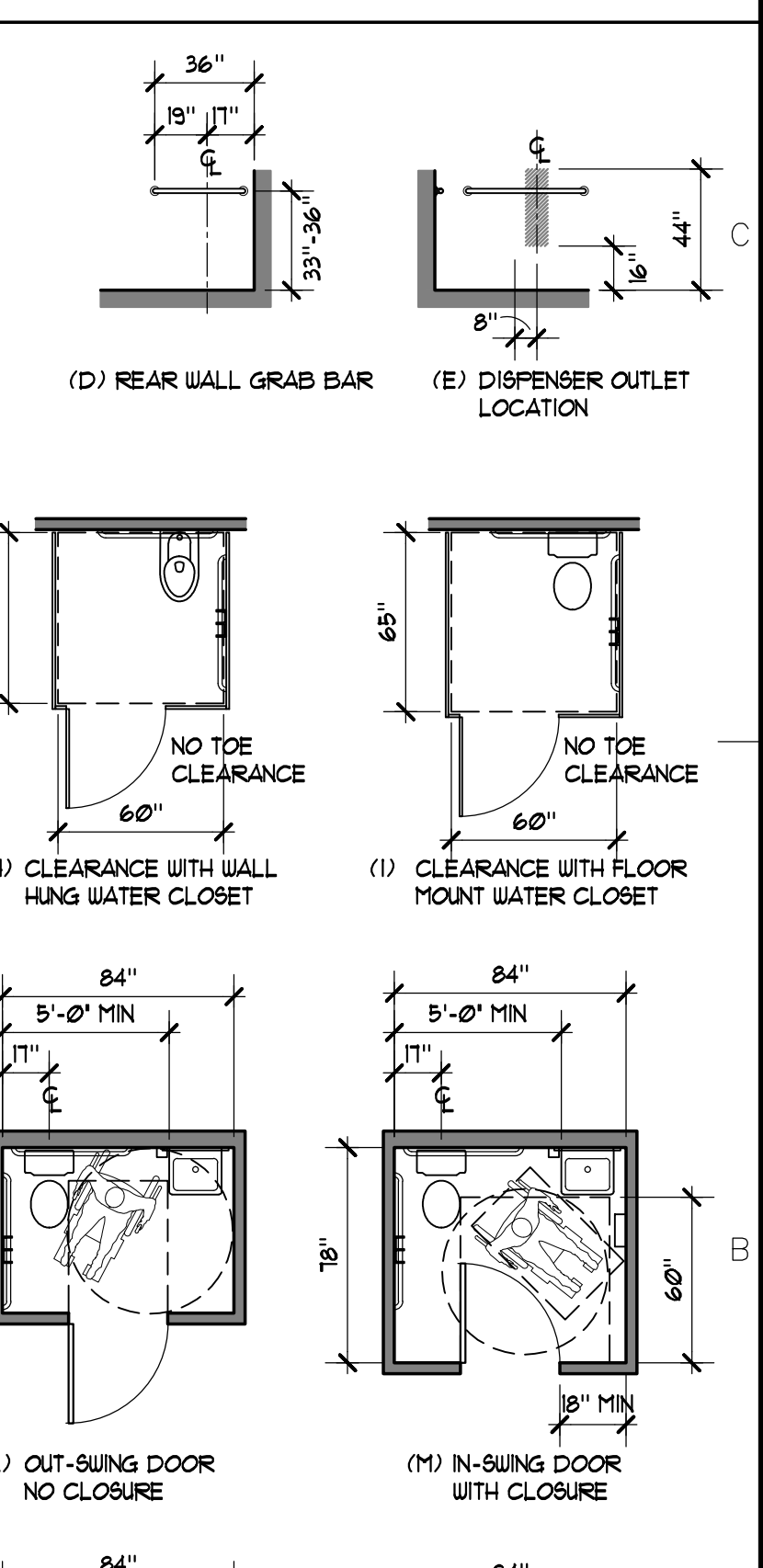
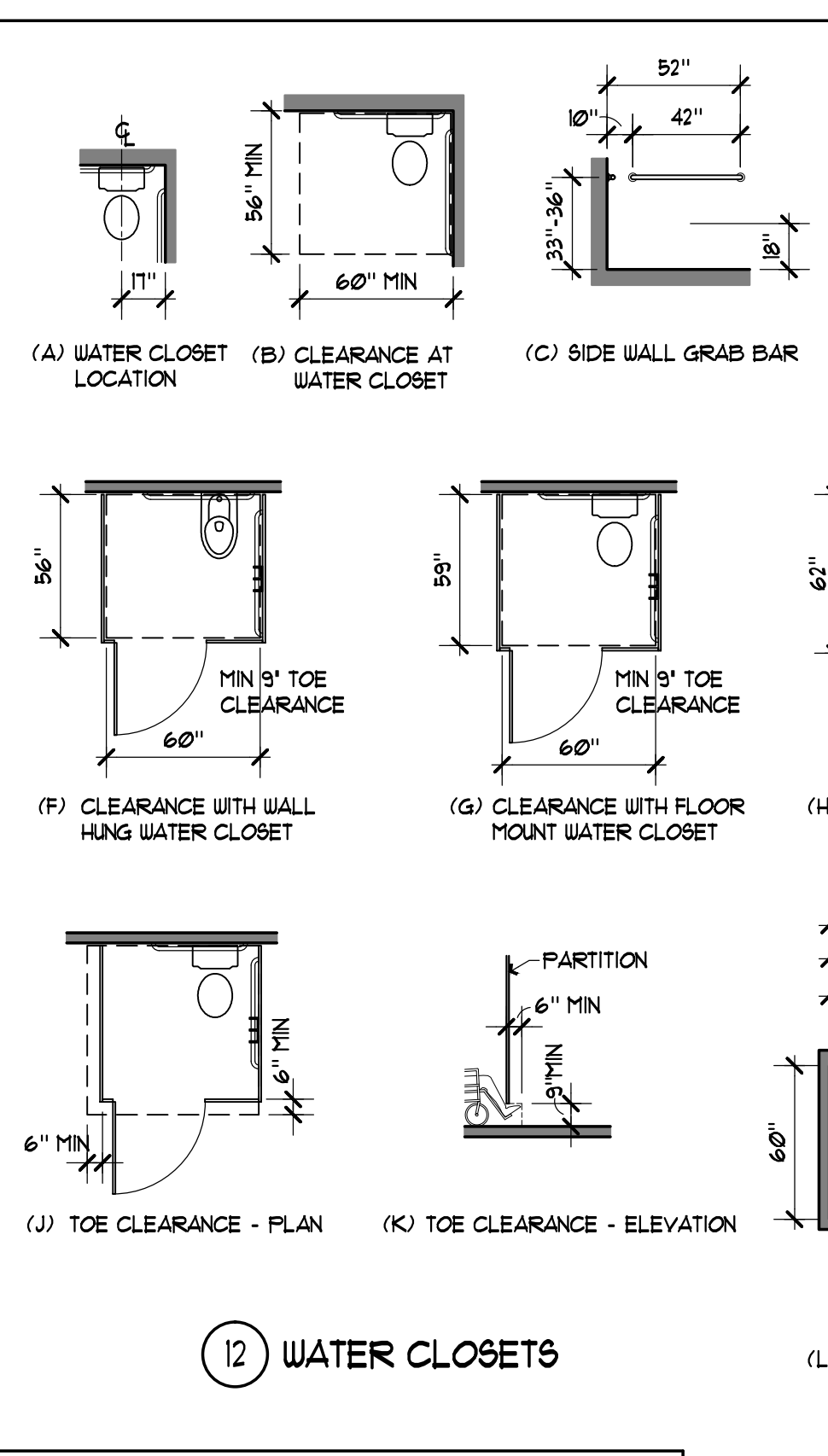
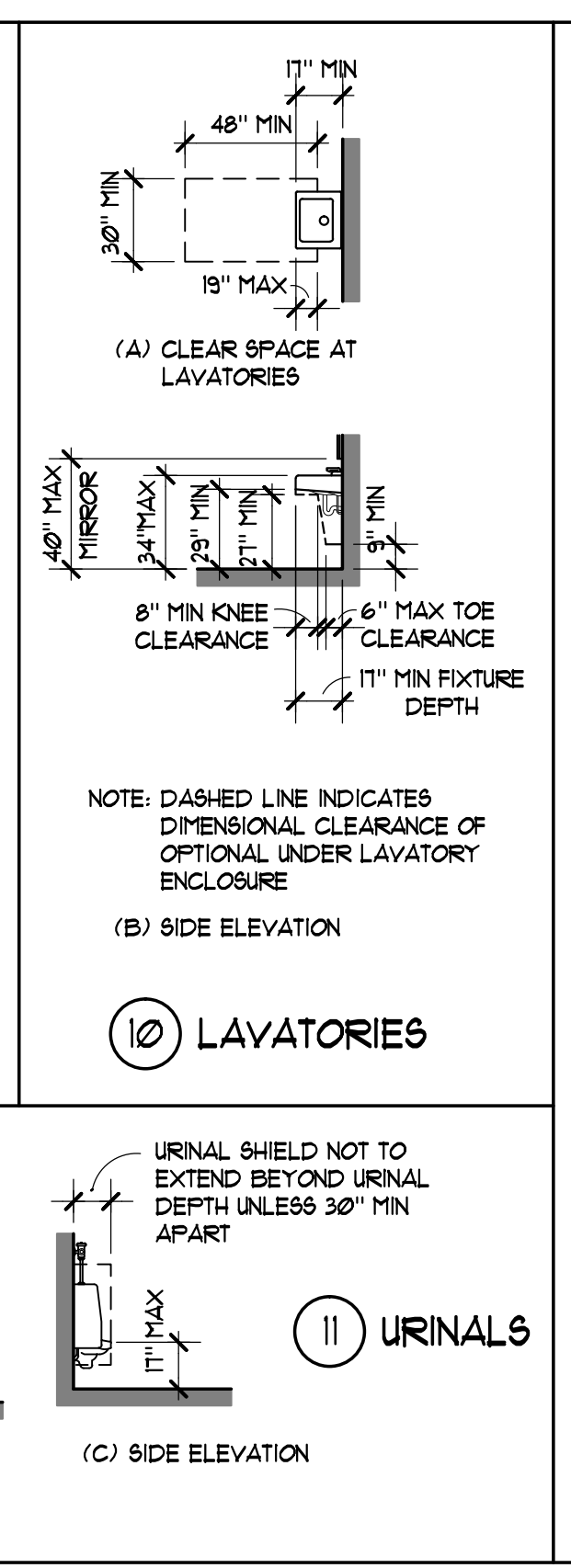
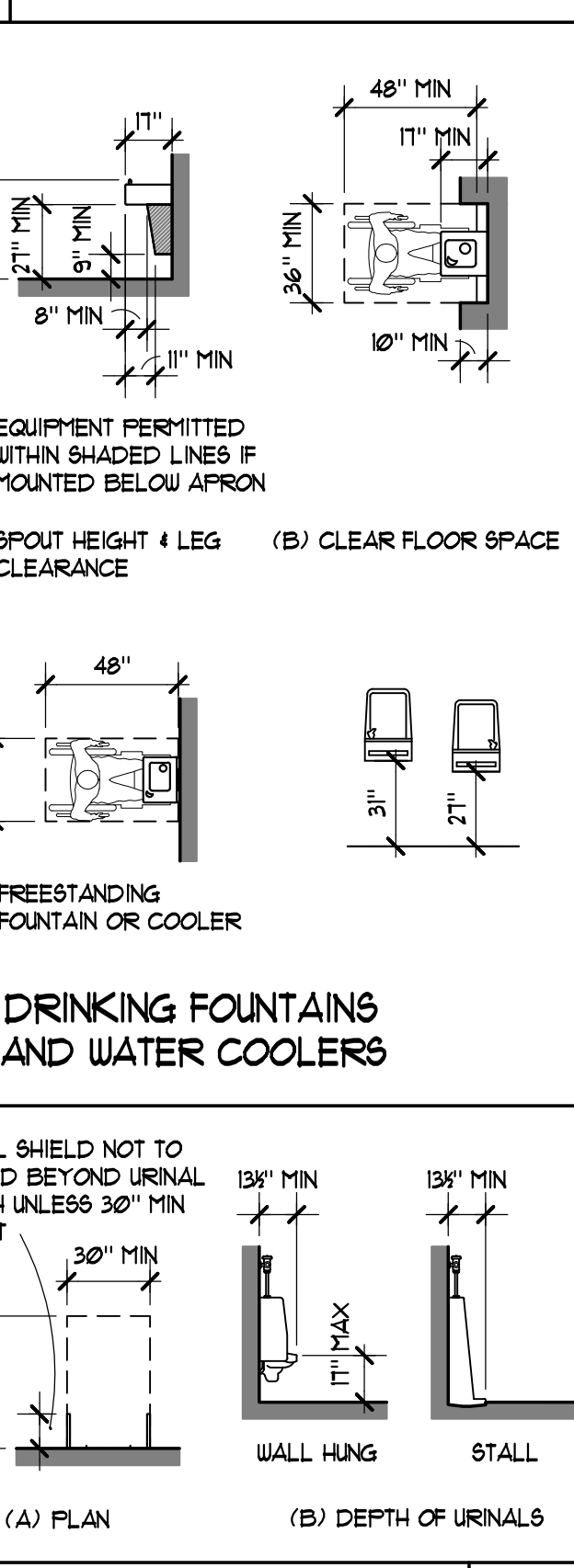
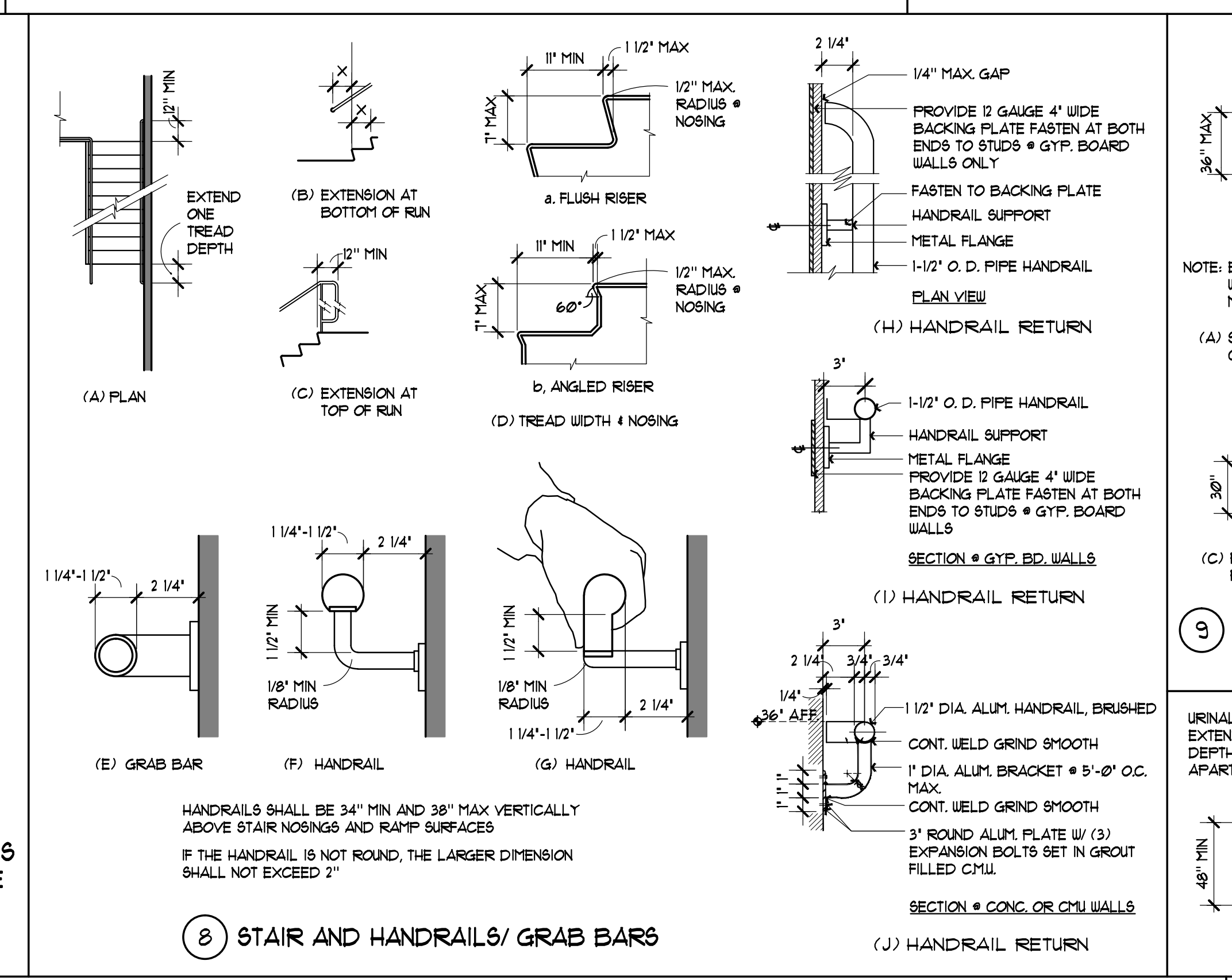
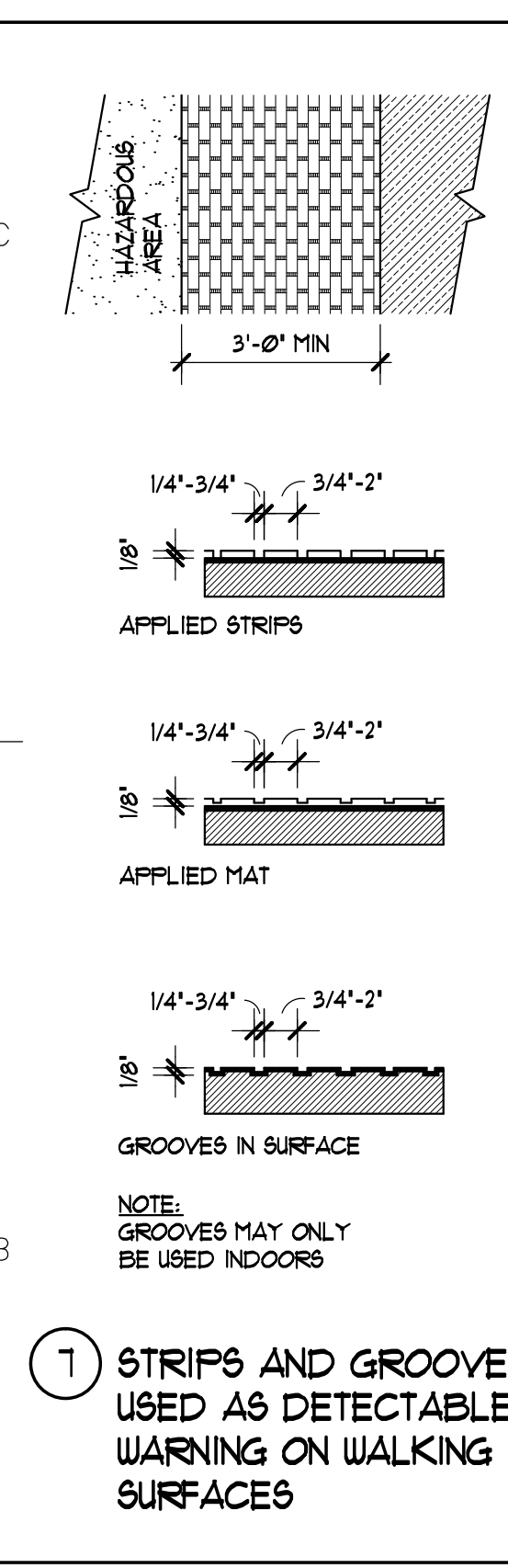
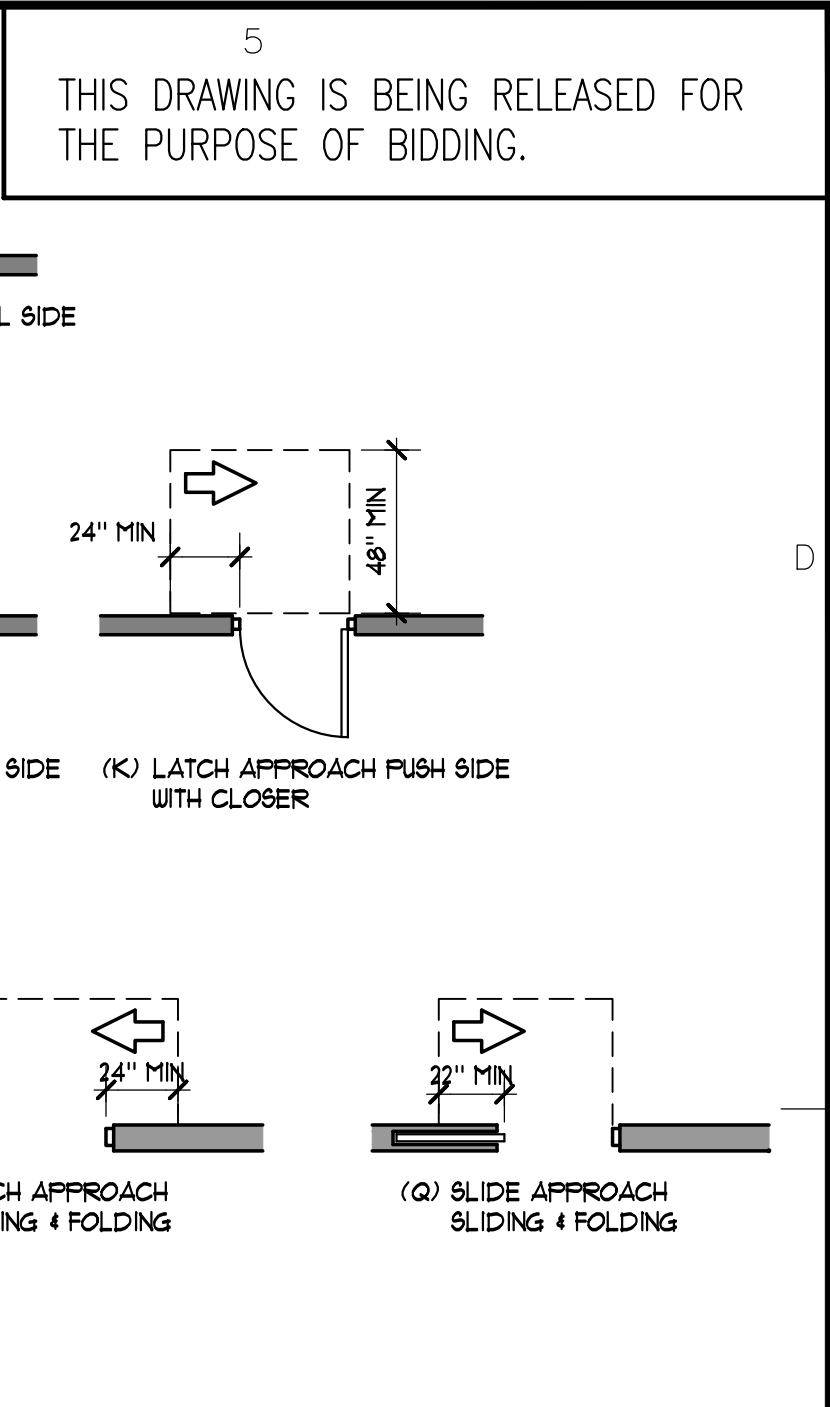
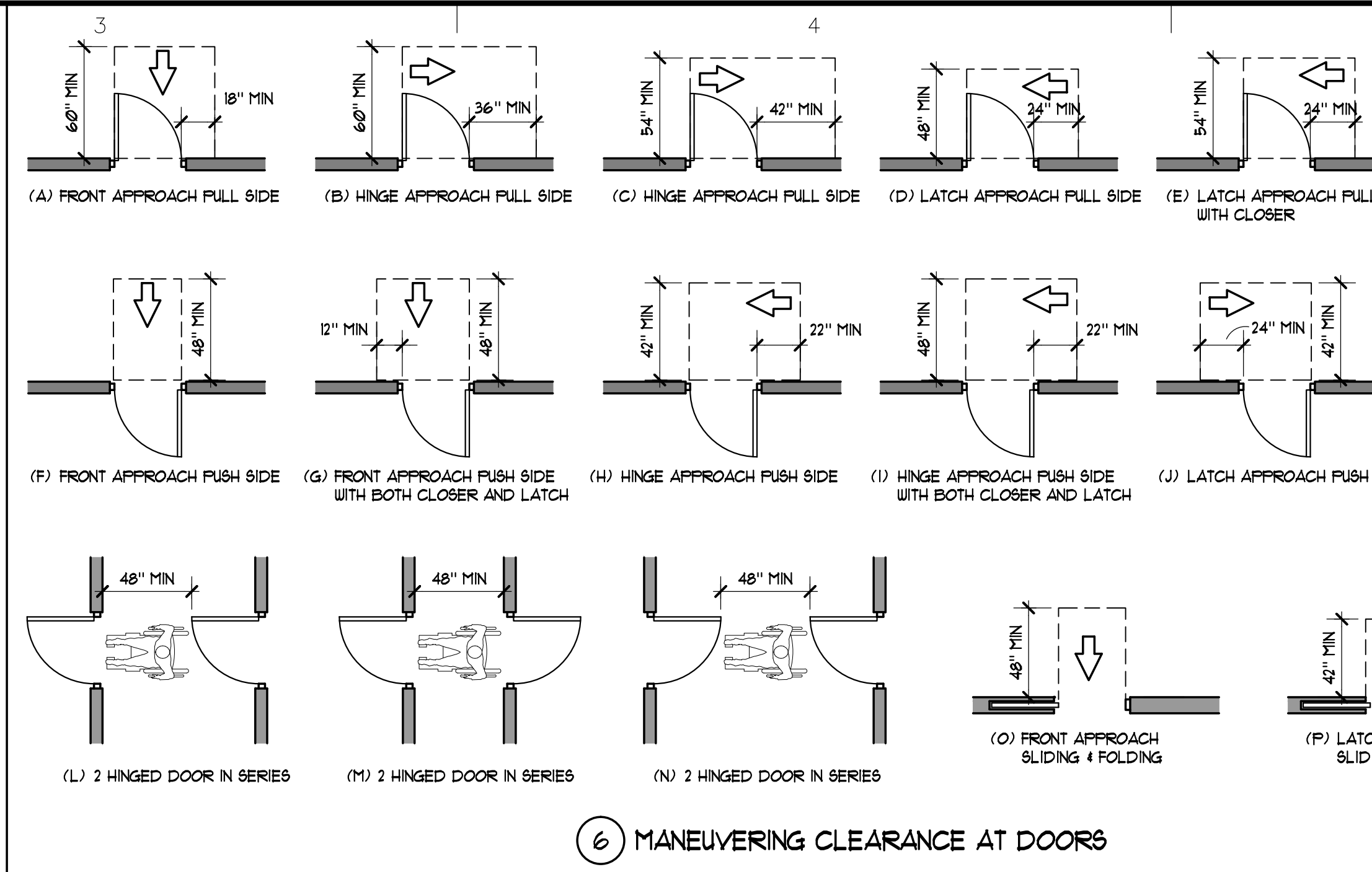
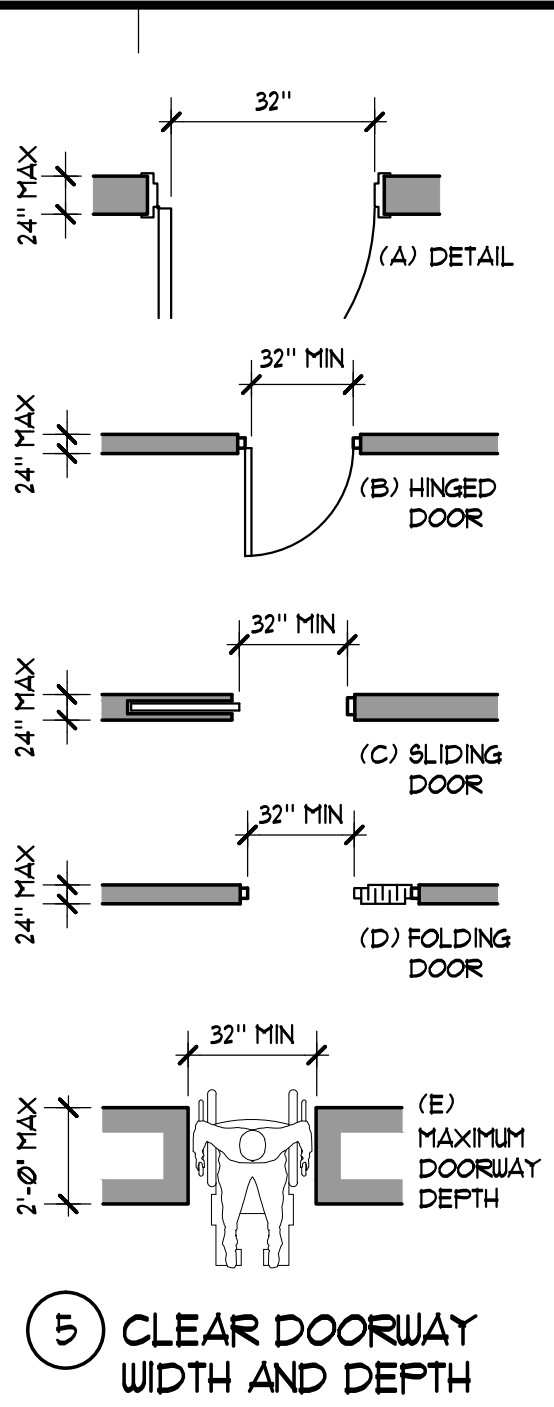
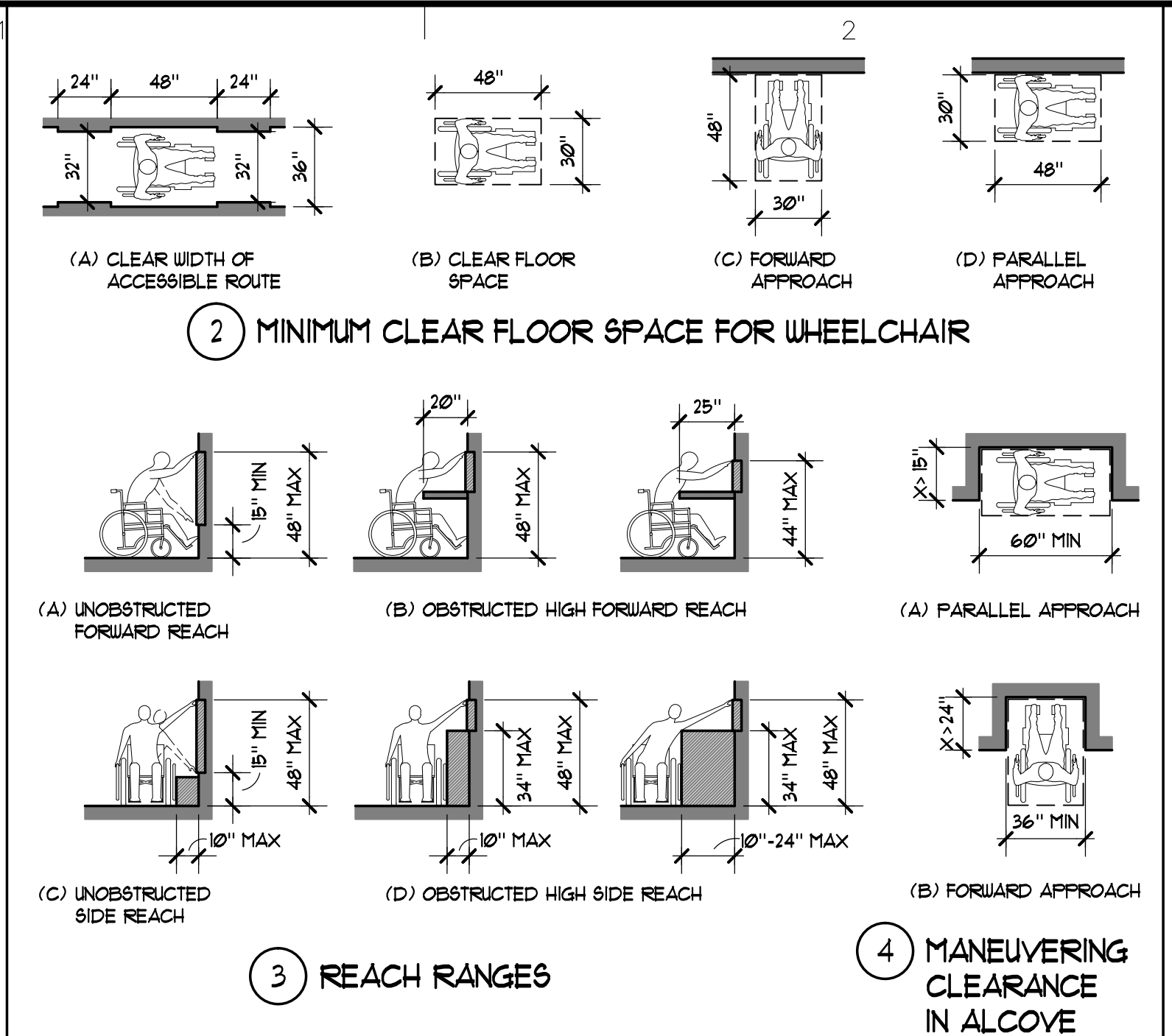
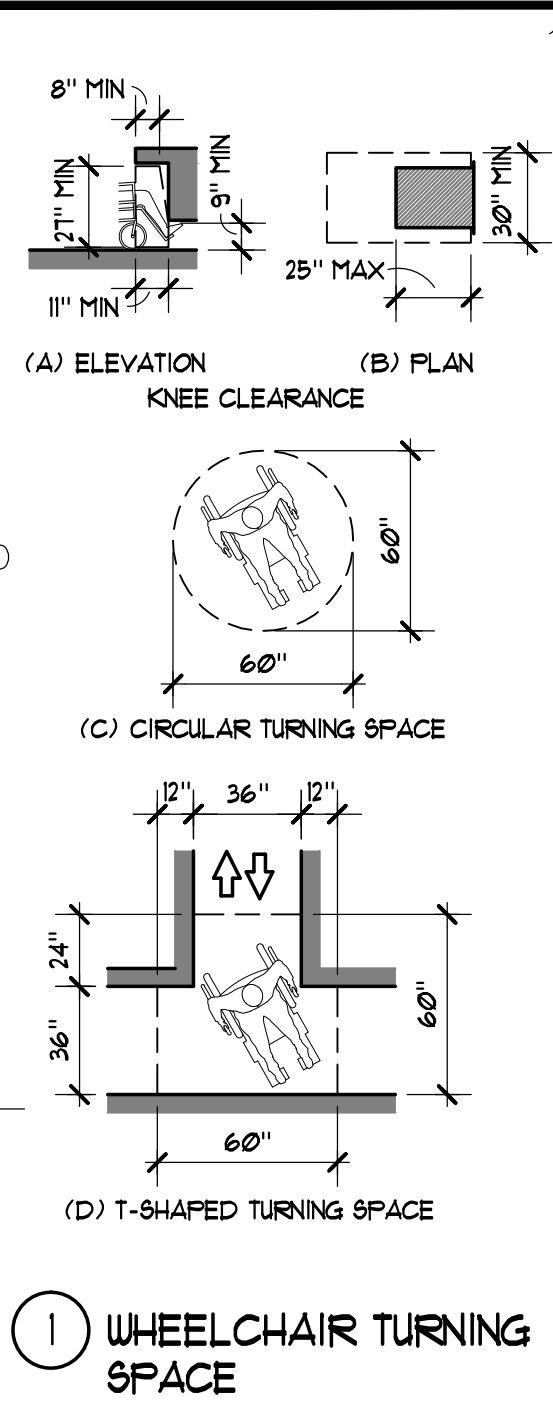
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FLORIDA AR-0012511

Disney Associates, P.A.

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ARCHITECTURE
and
PLANNING

FLORIDA REGISTRATION #A 0002502



NOTES:
BASIS OF DETAIL REQUIREMENTS HEREIN IS:
1. DOJ-2010 ADA STANDARDS FOR ACCESSIBLE DESIGN SEPTEMBER 15, 2010
2. DOJ - GUIDANCE ON THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN SEPTEMBER 15, 2010
3. FBC
4. COMPLIANCE WITH STANDARDS AND CODES, LISTED OR NOT, ILLUSTRATED OR NOT, IS REQUIRED IN THE COMPLETION OF CONSTRUCTION

PROJECT:
City of Naples Utilities Maintenance Bldg
1450 4th Avenue North
Building # 950
Naples, Florida

REV.	DESCRIPTION	BY	DATE

DATE: Nov 30, 2015
PROJECT NO: 15-581
CAD DWG FILE: Z:
DRAWN BY: DD
CHK'D BY: DD

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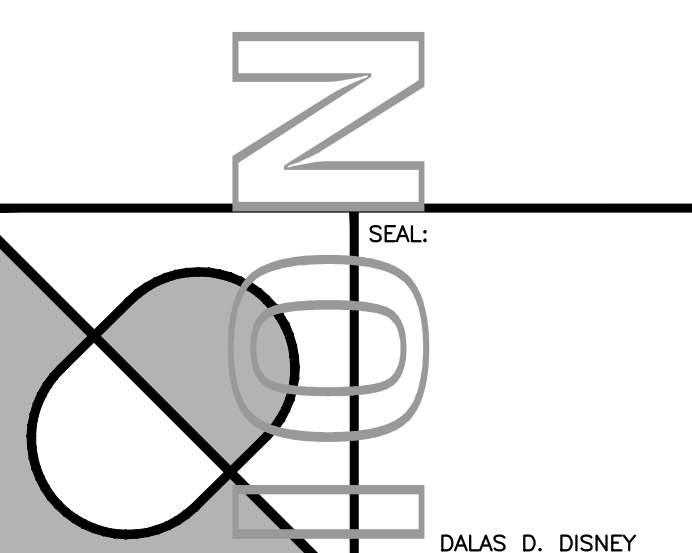
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SHEET TITLE:
Accessible Details

A-101

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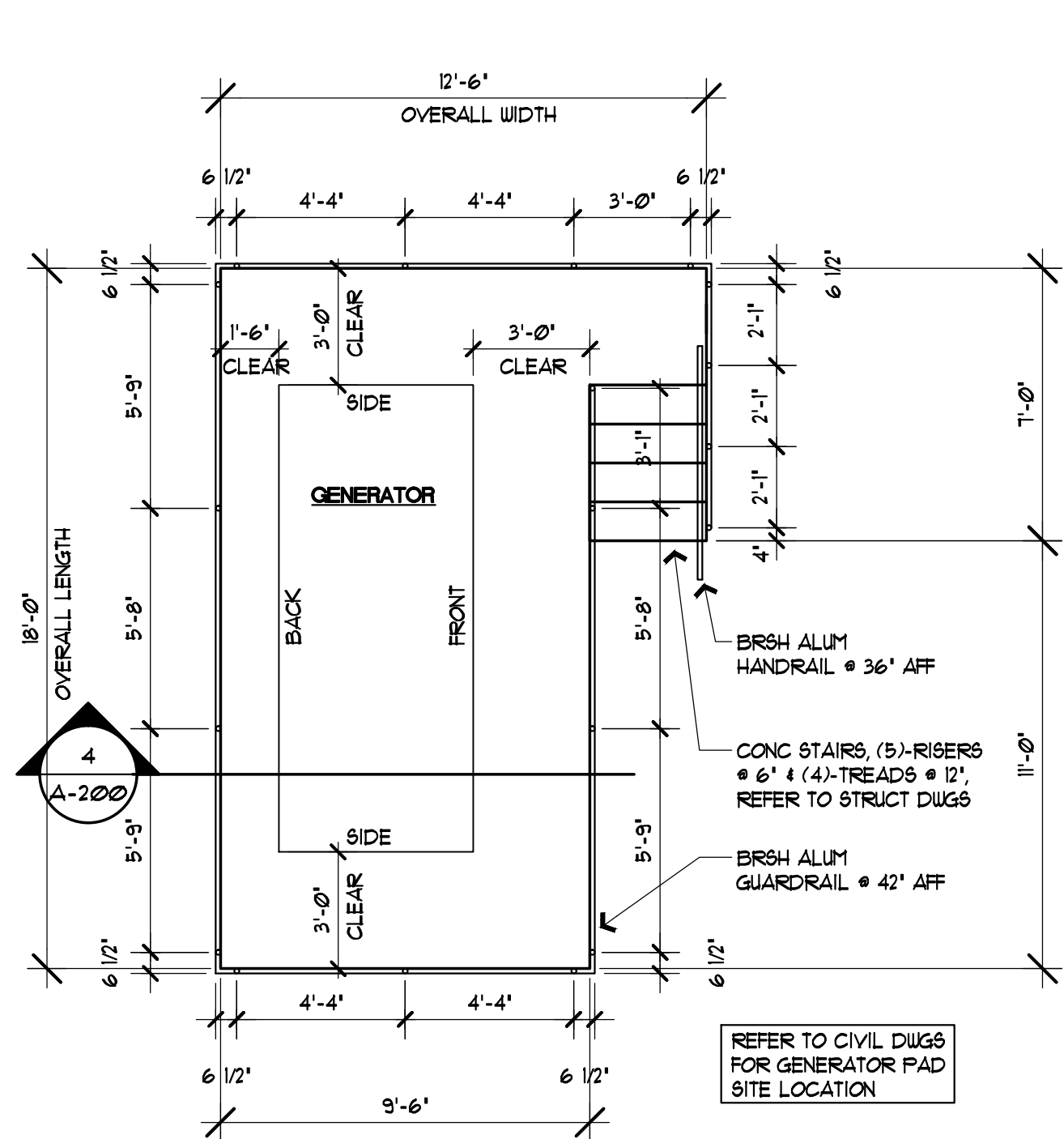
CONSULTANTS:



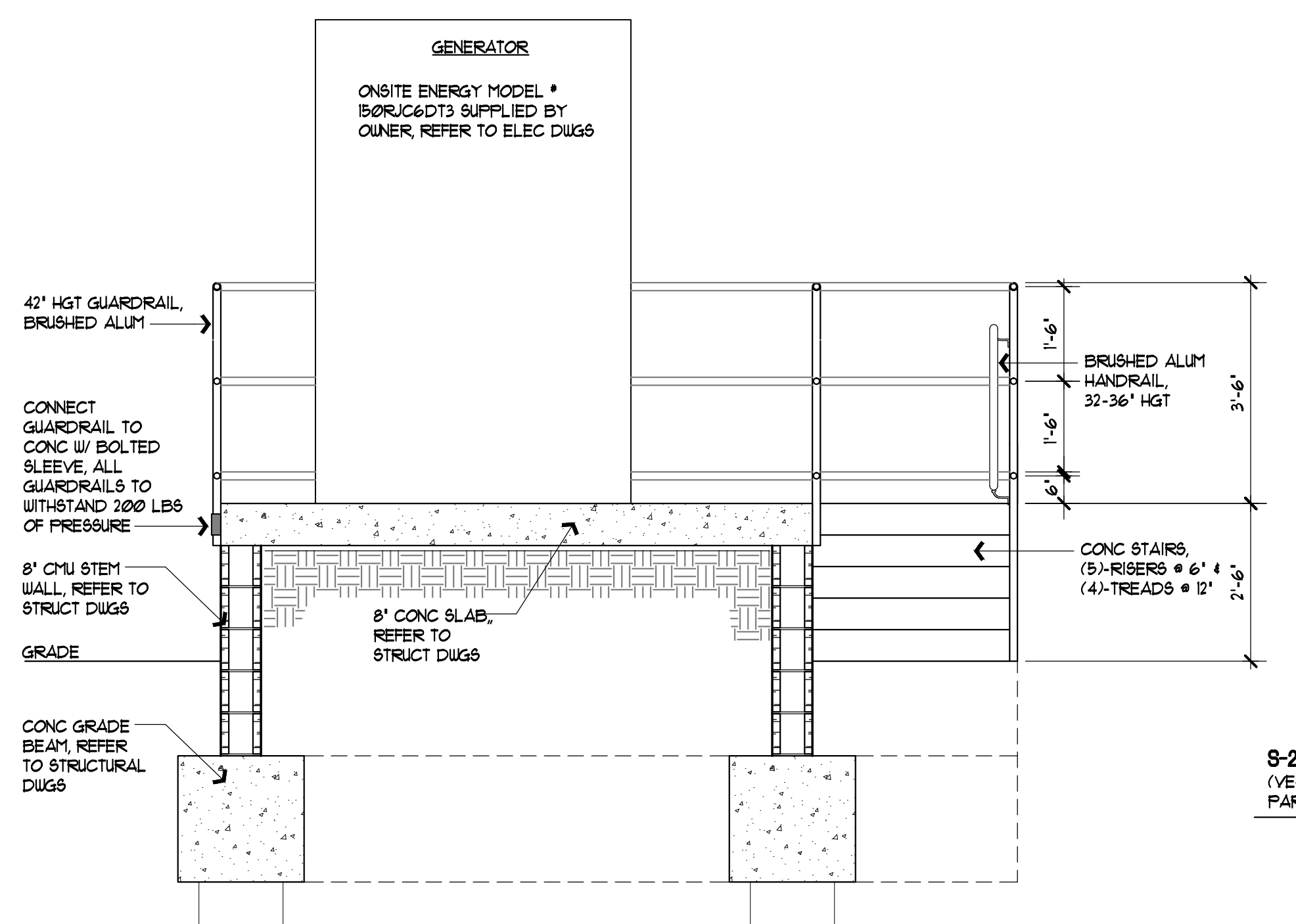
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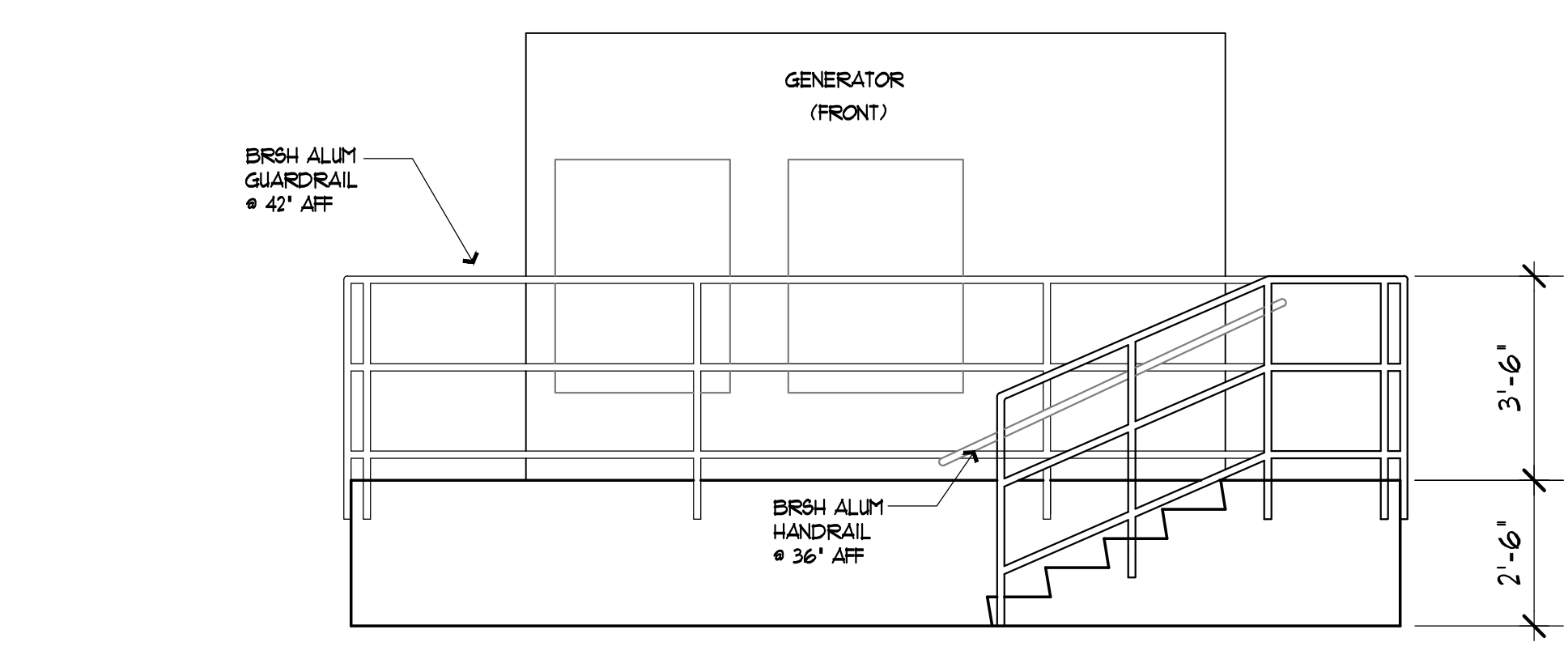
ALL FIRE PROTECTED WALLS SHALL HAVE THE FOLLOWING PAINTED ABOVE CEILING AT MAX 15' O.C. 4" HIGH, 1/2" WIDE STROKE FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS



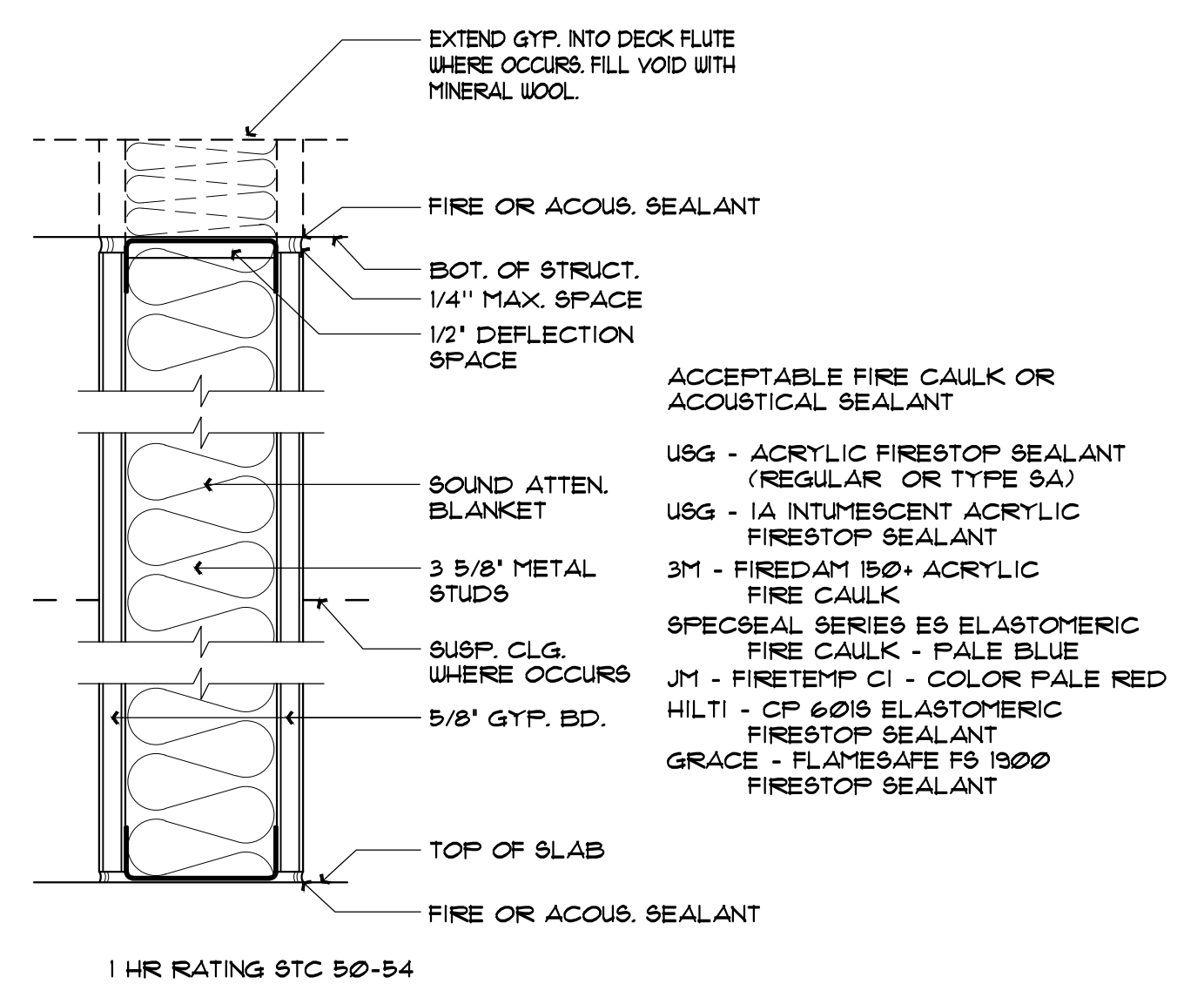
5 GENERATOR PAD PLAN
SCALE: 1/4" = 1'-0"



4 GENERATOR PAD SECTION
SCALE: 1/2" = 1'-0"



3 GENERATOR PAD ELEVATION
SCALE: 3/8" = 1'-0"



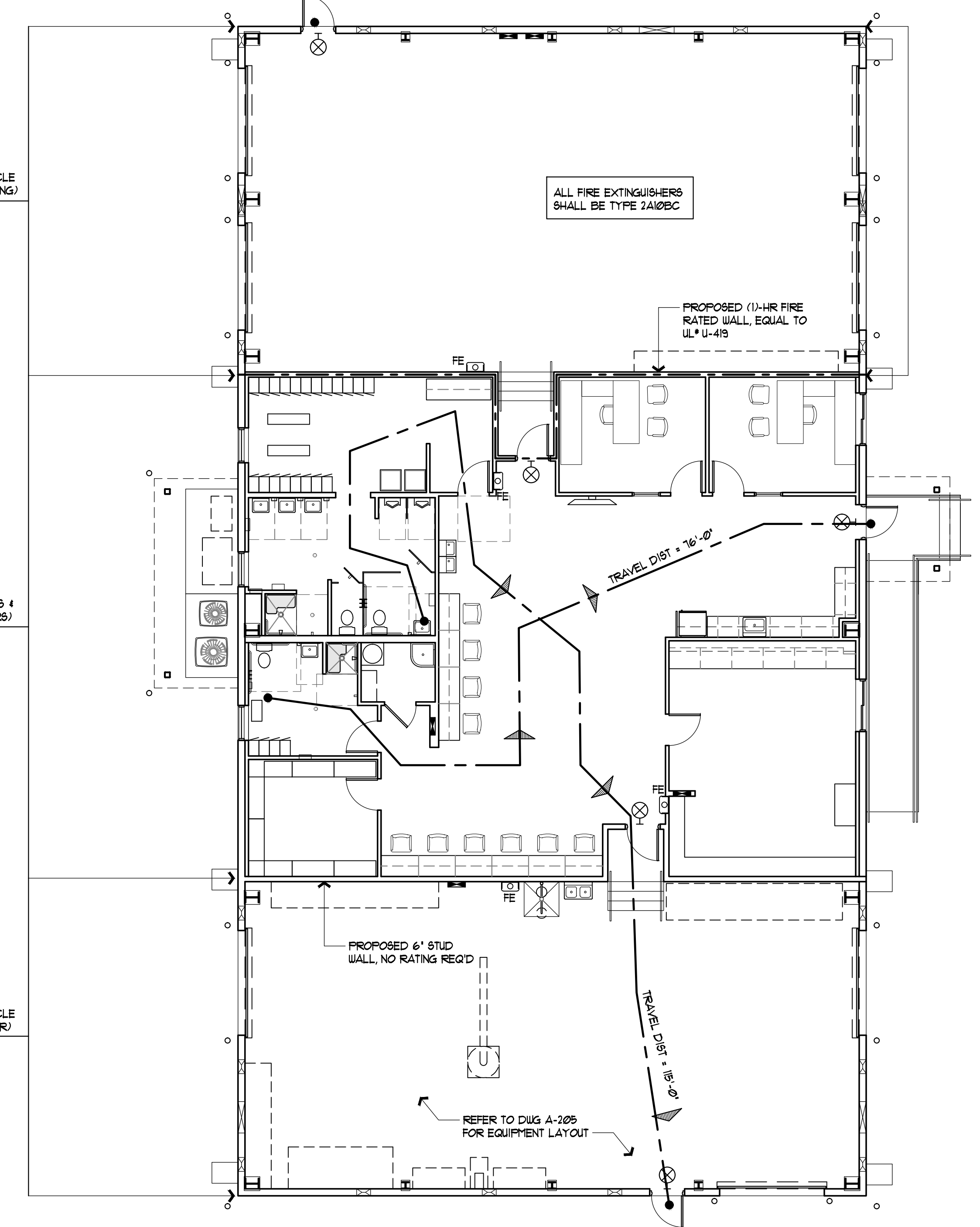
2 HEAD OF WALL DETAIL
SCALE: 1-1/2" = 1'-0"

BUILDING AREAS		
BLDG TOTAL AREA:	CALC	OCCUPANCY
(B) BUSINESS AREA:	2140 SF	1/100 (72)
(B) LOCKER ROOM:	250 SF	1/50 (5)
(B) STORAGE:	230 SF	1/300 (1)
(S-1) EQUIPMENT SHOP:	1700 SF	1/300 (6)
(S-2) VEHICLE PARKING:	1900 SF	1/200 (10)
TOTAL:		(44)

LEGEND

- 1x4 L.E.D. FIXTURE WITH INTEGRAL EMERGENCY BATTERY PACK. PROVIDE UNSWITCHED 'HOT' CONDUCTOR TO POWER EMERGENCY BALLAST.
- 2x4 L.E.D. FIXTURE WITH INTEGRAL EMERGENCY BATTERY PACK. PROVIDE UNSWITCHED 'HOT' CONDUCTOR TO POWER EMERGENCY BALLAST.
- 2x2 L.E.D. FIXTURE WITH INTEGRAL EMERGENCY BATTERY PACK. PROVIDE UNSWITCHED 'HOT' CONDUCTOR TO POWER EMERGENCY BALLAST.
- L.E.D. STRIP LIGHT WITH INTEGRAL EMERGENCY BATTERY PACK. PROVIDE UNSWITCHED 'HOT' CONDUCTOR TO POWER EMERGENCY BALLAST.
- 2-SIDED EXIT SIGN
- 1-SIDED EXIT SIGN
- EMERGENCY LIGHT
- EMERGENCY & EXIT LIGHT COMBINATION
- FIRE EXTINGUISHER
- FIRE EXTINGUISHER IN CABINET
- 1 HOUR FIRE RATED WALL
- 2 HOUR FIRE RATED WALL
- 4 HOUR FIRE RATED WALL
- 31 3/4" EXIT WIDTH REQUIRED IN INCHES
- 72" EXIT WIDTH PROVIDED IN INCHES
- DIRECTION OF EXIT
- (157) EXITING OCCUPANT LOAD
- MAIN BLDG. ENTRANCE
- BLDG. ENTRANCE

NOTE: SOME SYMBOLS SHOWN IN THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.



1 LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"

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ARCHITECTURE
and
PLANNING

FLORIDA REGISTRATION #A 0002502

NOTES:

CONSTRUCTION

PROJECT:

**City of Naples
Utilities Maintenance Bldg**

1450 4th Avenue North
Building # 950
Naples, Florida

REV.	DESCRIPTION	BY	DATE

DATE: Nov 30, 2015
PROJECT NO: 15-581
CAD DWG FILE: Z:
DRAWN BY: DD
CHK'D BY: DD

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SHEET TITLE:
Life Safety Plan

A-200

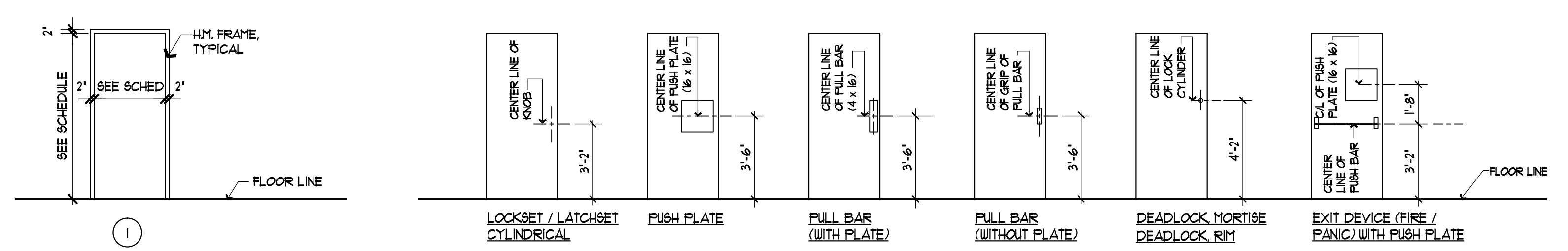
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CONSULTANTS:

SEAL:
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FLORIDA AR-0012511

DOOR SCHEDULE									
MK	DOOR			CORE TYPE	ELEV	FRAME		FIRE RATING	NOTES
	U	H	T			TYPE	ELEV		
D01	3'-0"	7'-0"	1-3/4"	HM	MTL	A	HM	I	-
D02	3'-0"	7'-0"	1-3/4"	HM	MTL	B	HM	I	-
D03	3'-0"	7'-0"	1-3/4"	HM	MTL	A	HM	I	1 HR
D04	3'-0"	7'-0"	1-3/4"	HM	MTL	A	HM	I	-
D05	10'-0"	12'-0"	2"	-	MTL	C	MFR	-	1
D06	-	-	-	-	-	-	-	-	-
D07	-	-	-	-	-	-	-	-	-
D08	-	-	-	-	-	-	-	-	-
D09	-	-	-	-	-	-	-	-	-

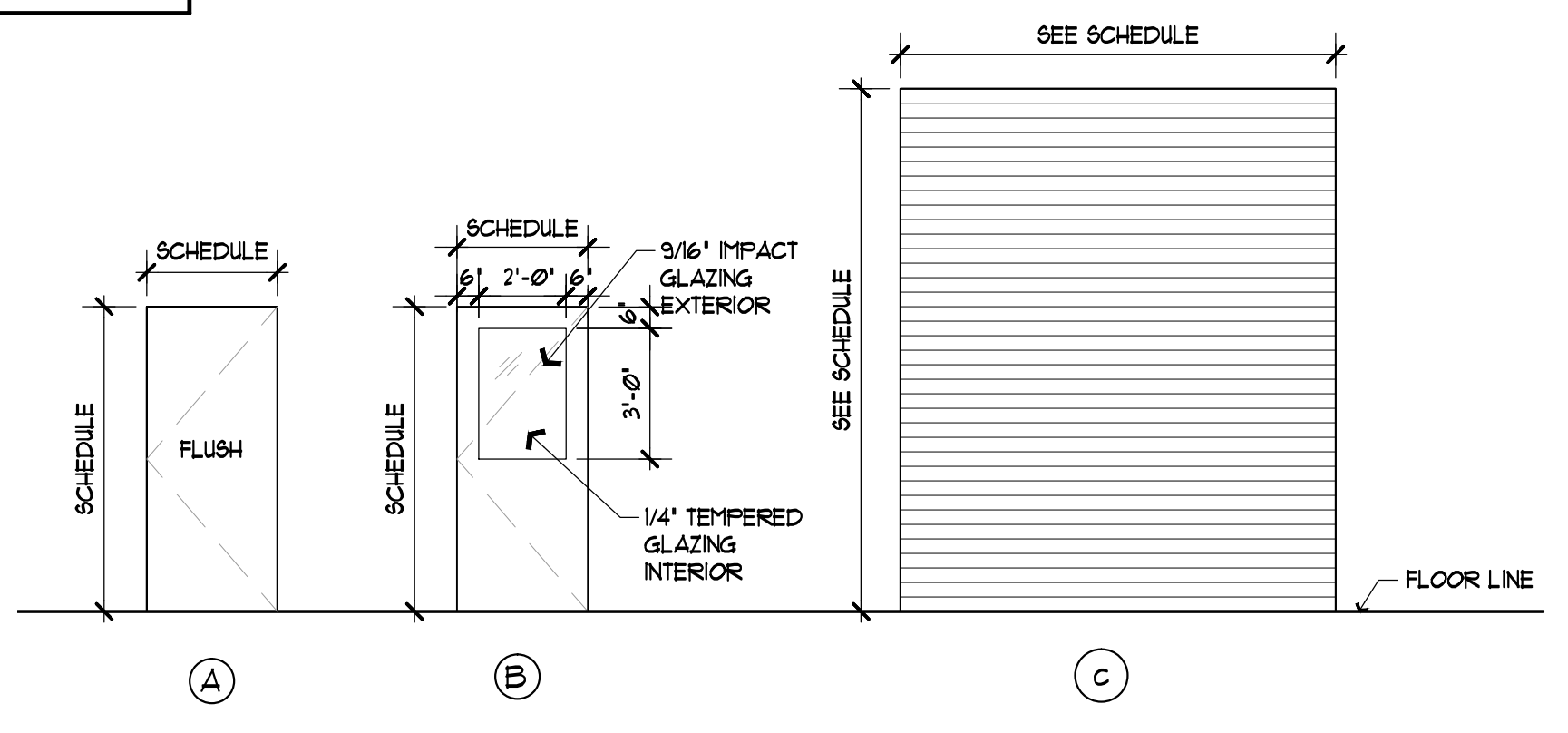
NOTES:
1. ALL OVERHEAD DOORS SHALL HAVE MOTORIZED OPERATORS.
2. X
3. X



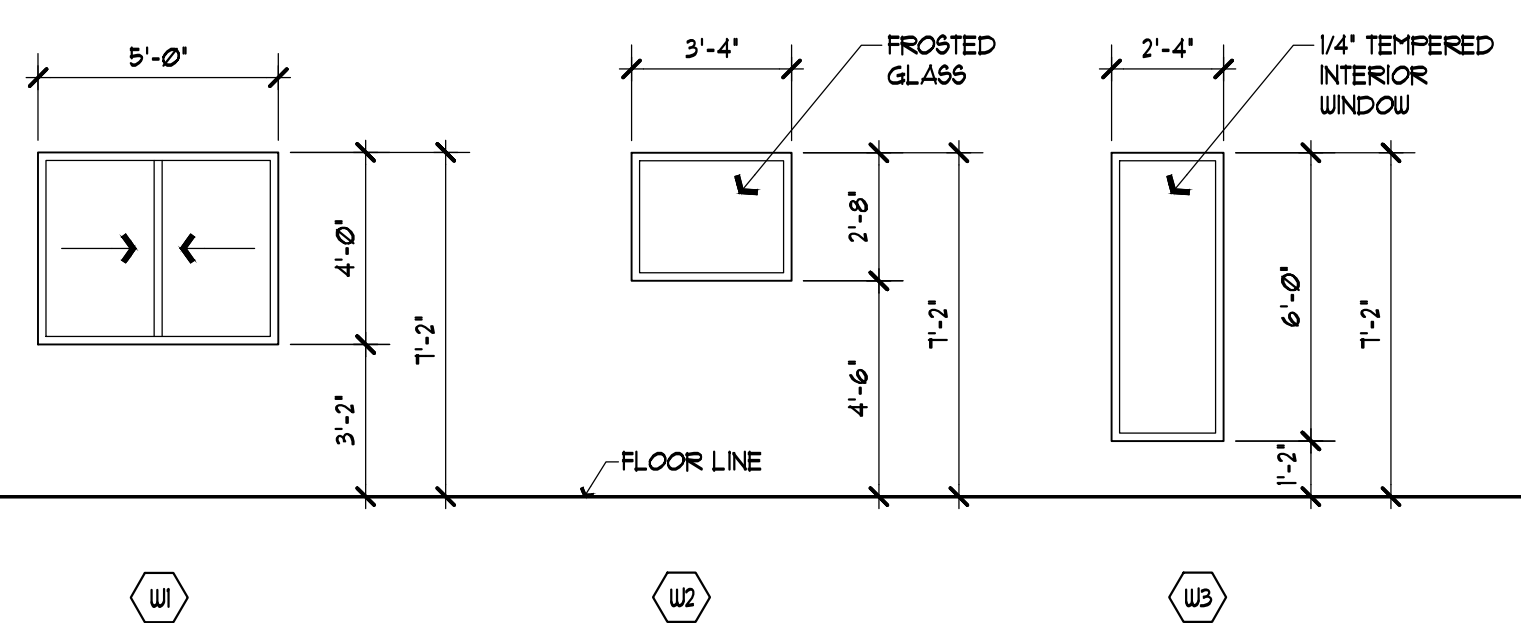
2 FRAME TYPES
SCALE: 1/4" = 1'-0"

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

HARDWARE SCHEDULE	
MARK	DESCRIPTION
HU-1	15 PAIR BUTTS 1 EA LOCK SET (F&G - STOREROOM) 1 SET WEATHER STRIP 1 EA THRESHOLD 1 EA CLOSURE 1 EA ELECTRIC STRIKE (BY OWNER) HES5000 1 EA CARD READER (BY OWNER) AMA G5820 1 EA MOTION DETECTOR (BY OWNER) HONEYWELL 1830/15320
HU-2	15 PAIR BUTTS 1 EA LOCK SET (F&G - STOREROOM) 1 SET WEATHER STRIP 1 EA THRESHOLD 1 EA CLOSURE 1 EA ELECTRIC STRIKE (BY OWNER) HES5000 1 EA CARD READER (BY OWNER) AMA G5820 1 EA MOTION DETECTOR (BY OWNER) HONEYWELL 1830/15320
HU-3	15 PAIR BUTTS 1 EA PASS SET 3 EA SILENCERS 1 EA FLOOR STOP
HU-4	15 PAIR BUTTS 1 EA LOCK SET (KEYED) 3 EA SILENCERS 1 EA FLOOR STOP
HU-5	15 PAIR BUTTS 1 EA LOCK SET (KEYED) 3 EA SILENCERS 1 EA FLOOR STOP
HU-6	15 PAIR BUTTS 1 EA LOCK SET (PRIVACY) 3 EA SILENCERS 1 EA CLOSURE 1 EA FLOOR STOP
HU-7	15 PAIR BUTTS 1 EA PASS SET 3 EA SILENCERS 1 EA CLOSURE 1 EA FLOOR STOP
HU-8	1 EA PADLOCK



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



5 WINDOW TYPES
SCALE: 1/4" = 1'-0"

FINISH SCHEDULE					
MK	FLOOR	BASE	WALLS	CEILING	NOTES
A	VCT	RB	GB	ACT	1
B	CONC	-	LINER	-	2
C	CONC	RB	GB	GB	-
D	CT	CT	CT/GB	ACT	-
E	VCT	RB	GB	ACT	1
F	CT	CT	CT/GB	GB	-
G	-	-	-	-	-

ABBREVIATIONS:
ACT = ACOUSTICAL TILE
CMU = CONC MASONRY BLOCKS, PAINTED
CONC = CONCRETE, SEALED
CT = CERAMIC TILE
GB = GYPSUM WALL BOARD
LINER = LINER PANEL
FLY = PLYWOOD 5/8" TO 4'-0" AFF
RB = RUBBER BASE
VCT = VINYL COMPOSITION TILE

NOTES:
1. REFER TO FLOOR PATTERN PLAN
2. EXPOSED STRUCTURE SHALL BE PAINTED

WINDOW SCHEDULE						
MARK	TYPE	WIDTH	HGT.	MAT'L.	GLAZING	REMARKS
W1	HORZ SLIDING	5'-0"	4'-0"	MTL	9/16" IMPACT	
W2	FIXED	5'-0"	1'-10"	MTL	9/16" IMPACT	
W3	FIXED	3'-4"	2'-8"	MTL	9/16" IMPACT	
W4	FIXED	2'-4"	6'-0"	MTL	TEMPERED	MOUNT 1'-0" FROM DOOR

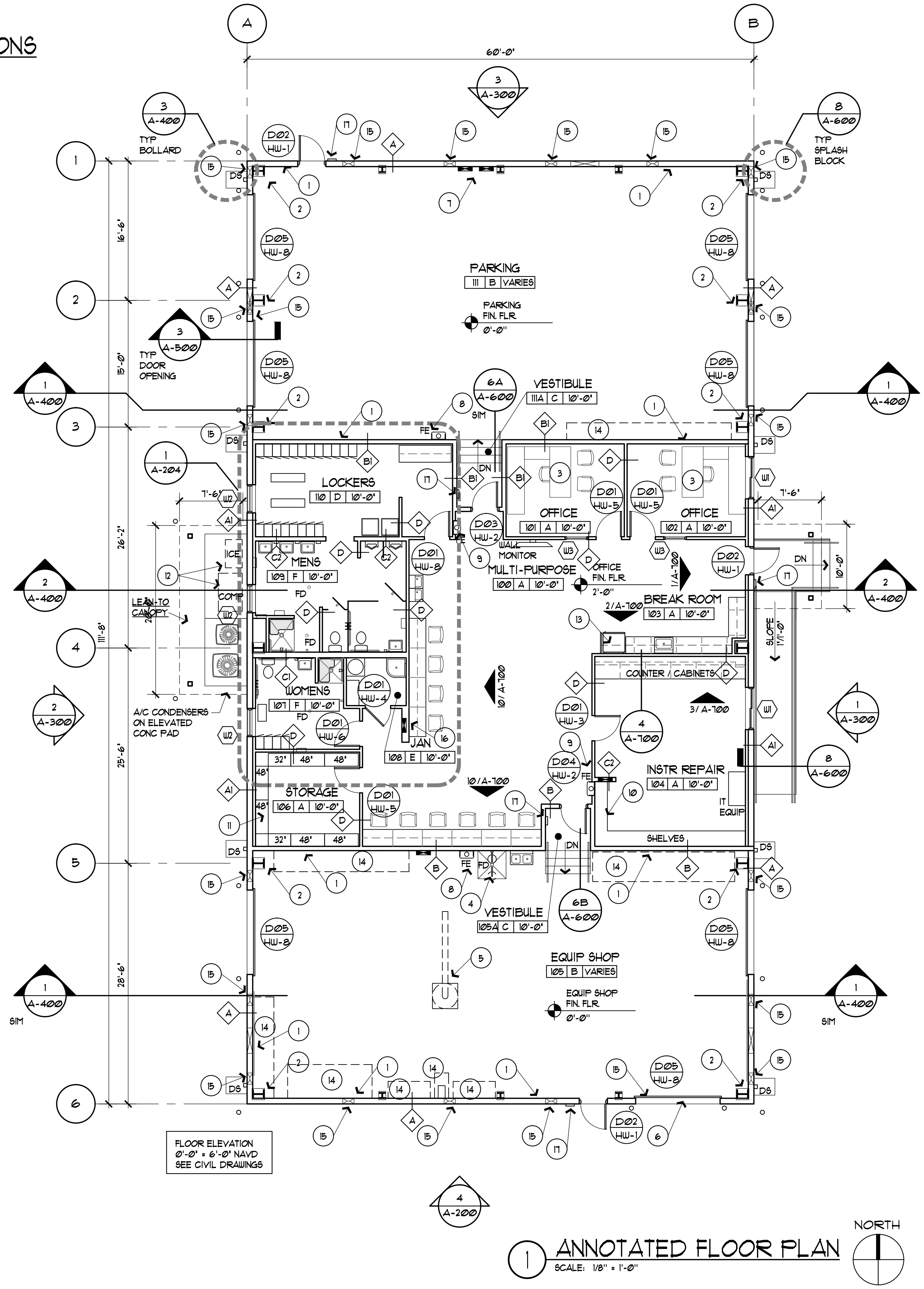
PAINT FRAMES TO MATCH CLEAR ANODIZED FINISH AS CLOSELY AS POSSIBLE

FLOOR PLAN KEYED NOTES

- 8'-0" METAL LINER PANEL IN EQUIP SHOP (105) & PARKING (111), COLOR SHALL BE OFF-WHITE.
- EXPOSED STRUCTURE IN EQUIP SHOP (105) & PARKING (111) SHALL BE PAINTED, COLOR SELECTED BY ARCHITECT.
- OFFICE FURNITURE BY OWNER (N.I.C.)
- EMERGENCY EYEWASH & SHOWER, REFER TO DETAIL ON SHEET A-600.
- INSTALL JIB CRANE (FURNISHED BY OWNER), COORDINATE LOCATION OF CRANE W/ OWNER & STRUCTURAL DRAWINGS.
- SOUTH OVERHEAD DOOR LOCATION TO ALIGN W/ EXISTING NORTH DOOR AT EXISTING WAREHOUSE.
- PROVIDE FIRE RATED PLYWOOD TO MOUNT ELECTRICAL PANEL & EQUIPMENT, COORDINATE W/ ELEC DIAG.
- INSTALL WALL MOUNTED FIRE EXTINGUISHER CABINET, TYPE 2A10BC, TYP OF (2).
- INSTALL SEMI-RECESSED FIRE EXTINGUISHER CABINET, TYPE 2A10BC, TYP OF (2).
- INSTALL 18" HEAVY DUTY SHELVING IN STORAGE (104), SPACE VERTICALLY AT 18" BETWEEN TOPS OF EACH SHELF.
- G.C. SHALL PROVIDE TALL STORAGE CABINETS IN ROOM 106, REFER TO DETAIL 13 ON SHEET A-100.
- AIR COMPRESSOR & ICE MACHINE BY OWNER, G.C. SHALL PROVIDE CONC SLAB & POWER OUTLETS.
- G.C. SHALL PROVIDE ALLOWANCE FOR BREAK ROOM APPLIANCES: MICROWAVE, DISHWASHER, REFRIGERATOR, REFER TO PROJECT SPECIFICATIONS.
- FUTURE EQUIPMENT OR CABINET BY OWNER (N.I.C.)
- 16"x8" FLOOD VENT, TYPICAL OF (19) LOCATIONS, EQUAL TO SMART VENT # 1540-510.
- CONSTRUCT POWER PANEL STUB WALL OF (2) 3-5/8" MTL STUD WALLS PLACED 2-3/4" APART SO TOTAL WALL THICKNESS IS 10" DEEP.
- CARD READER, R.I. BY G.C., REFER TO ELECTRICAL DIAGS.

FURNITURE NOTE
G.C. SHALL CONSTRUCT AND/OR INSTALL ALL BUILT-IN FURNITURE INCLUDING STAFF CHAIRS AT BUILT-IN DESKS, LOCKERS, BENCHES, CABINETS & COUNTERTOPS, KITCHEN APPLIANCES.
LOOSE FURNITURE SHALL BE PROVIDED & INSTALLED BY OWNER, INCLUDING STAFF CHAIRS AT BUILT-IN DESKS, MOVABLE OFFICE DESKS, CHAIRS, FILE CABINETS, LUNCH ROOM TABLES & CHAIRS.
EQUIPMENT SHOP ITEMS BY OWNER EXCEPT JIB CRANE WHICH IS FURNISHING BY OWNER & INSTALLED BY CONTRACTOR.

FLOOD VENT CALCULATION
PARKING SECTION
AREA = 1300 SF / 200 SF / VENT VENTS REQUIRED = 10 VENTS
VENTS PROVIDED = 10 VENTS
EQUIPMENT SECTION
AREA = 1100 SF / 200 SF / VENT VENTS REQUIRED = 9 VENTS
VENTS PROVIDED = 9 VENTS
NOTE:
BOTTOM OF FLOOD VENTS SHALL BE NO HIGHER THAN 1'-0" ABOVE FINISH FLOOR (INTERIOR) OR FINISH GRADE (EXTERIOR).
VENTS SHALL BE EQUAL TO SMART VENT # 1540-510.



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

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FLORIDA REGISTRATION # A 0002502

NOTES:
1. REFER TO SHEET A-202 FOR DIMENSIONED FLOOR PLAN
2. REFER TO SHEET A-202 FOR WALL TYPES

PROJECT:
**City of Naples
Utilities Maintenance Bldg**

1450 4th Avenue North
Building # 950
Naples, Florida

REV.	DESCRIPTION	BY	DATE

DATE: Nov 30, 2015
PROJECT NO: 15-581
CAD DWG FILE: Z:
DRAWN BY: TT
CHK'D BY: DD

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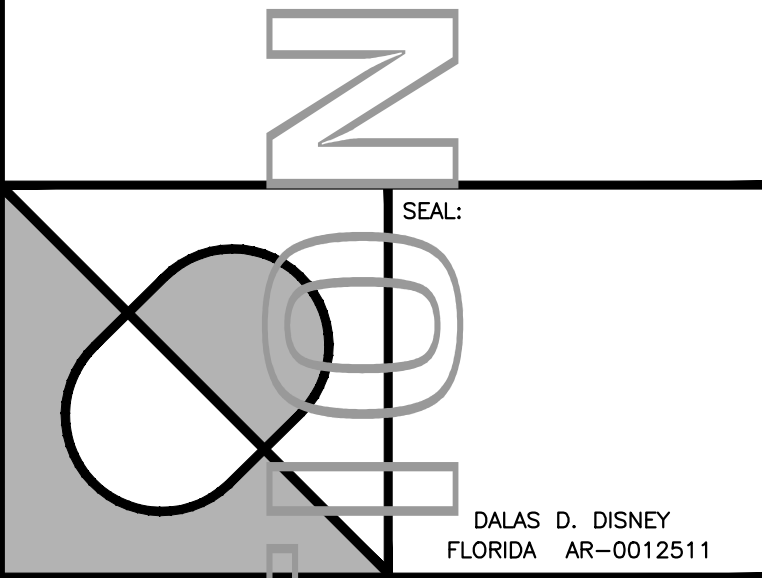
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SHEET TITLE:
Floor Plan

A-201

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ARCHITECTURE and PLANNING

FLORIDA REGISTRATION #A 0002502

NOTES:

PROJECT:
City of Naples Utilities Maintenance Bldg
1450 4th Avenue North
Building # 950
Naples, Florida

REV.	DESCRIPTION	BY	DATE

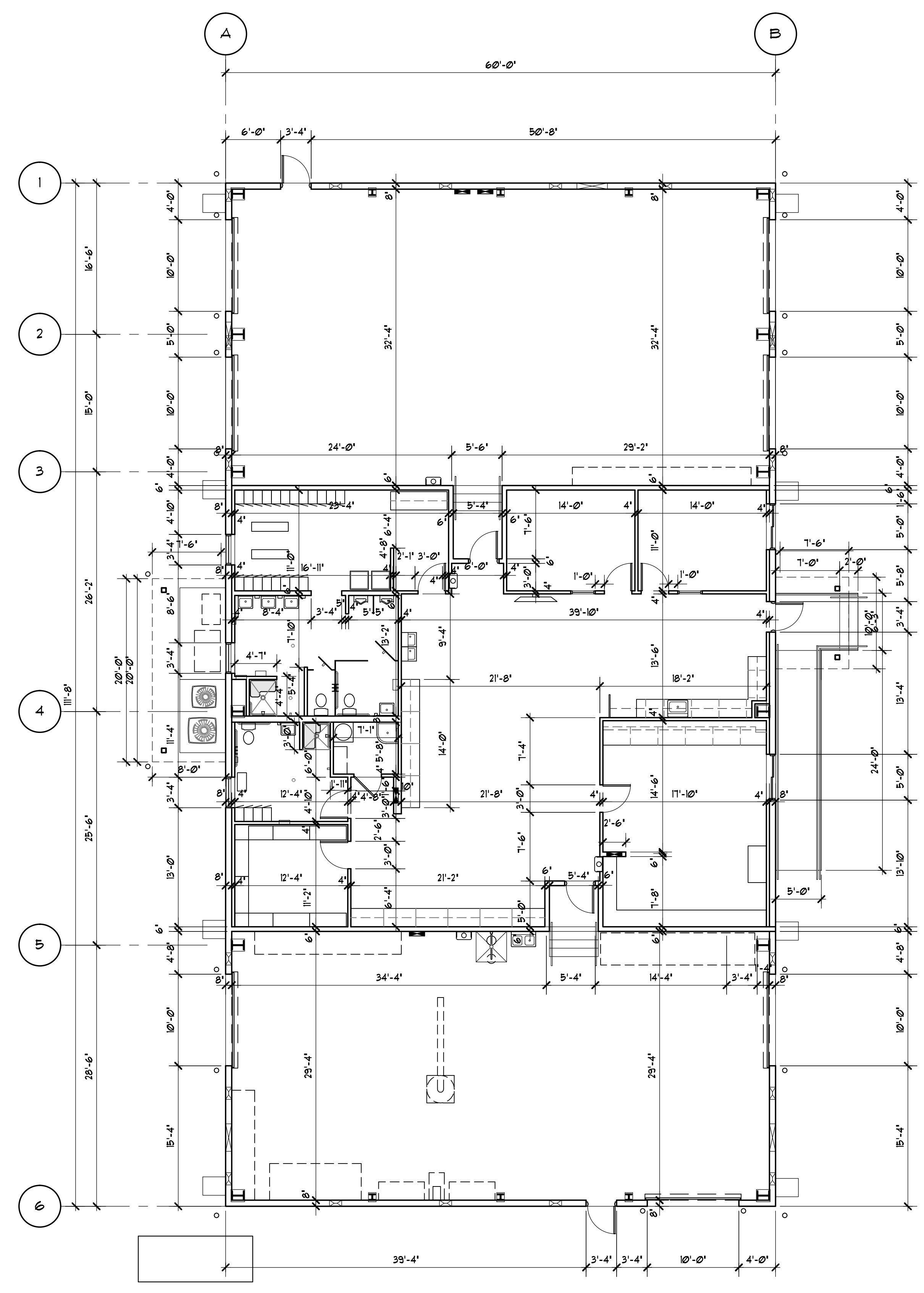
DATE: Nov 30, 2015
PROJECT NO: 15-581
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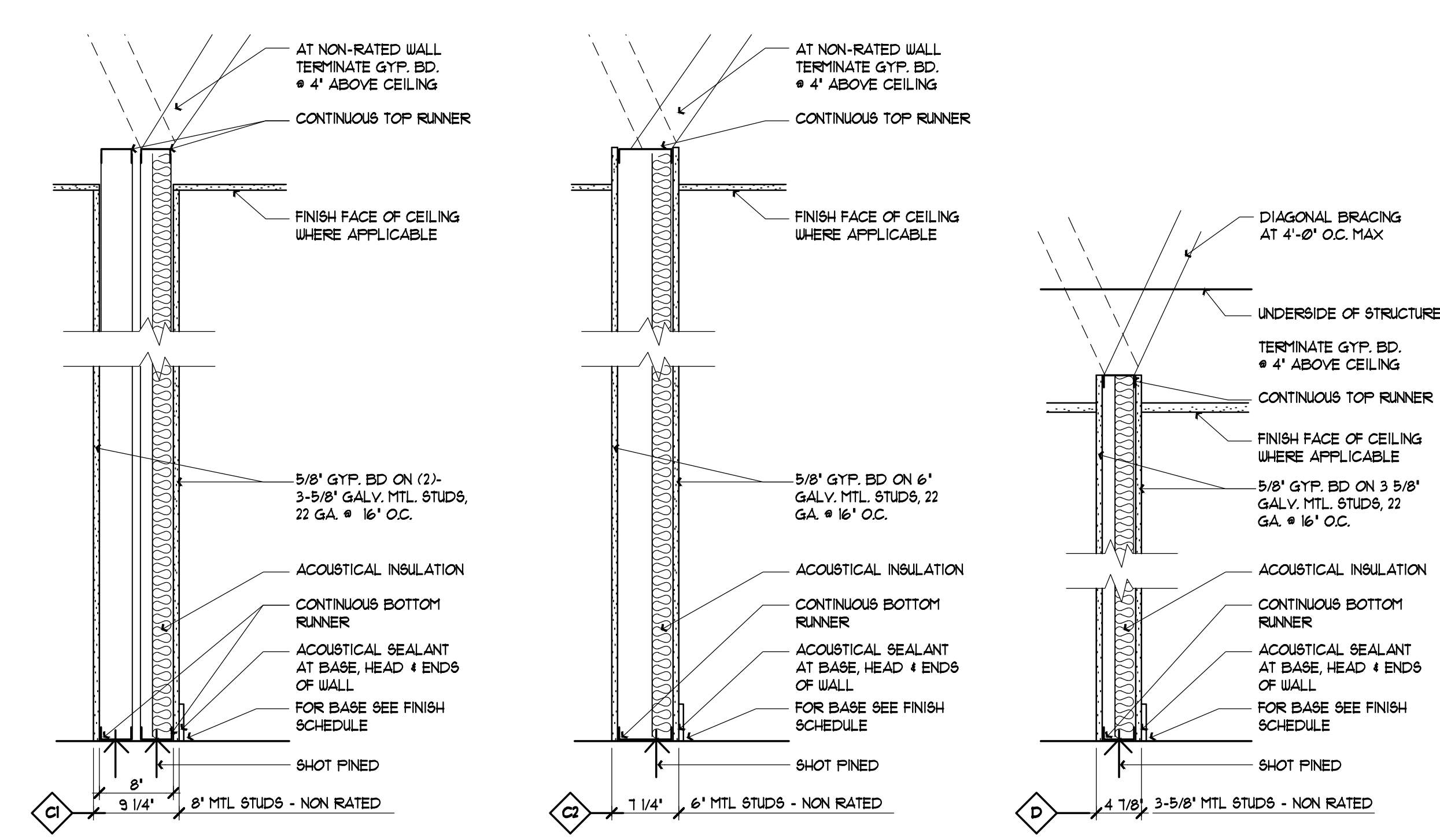
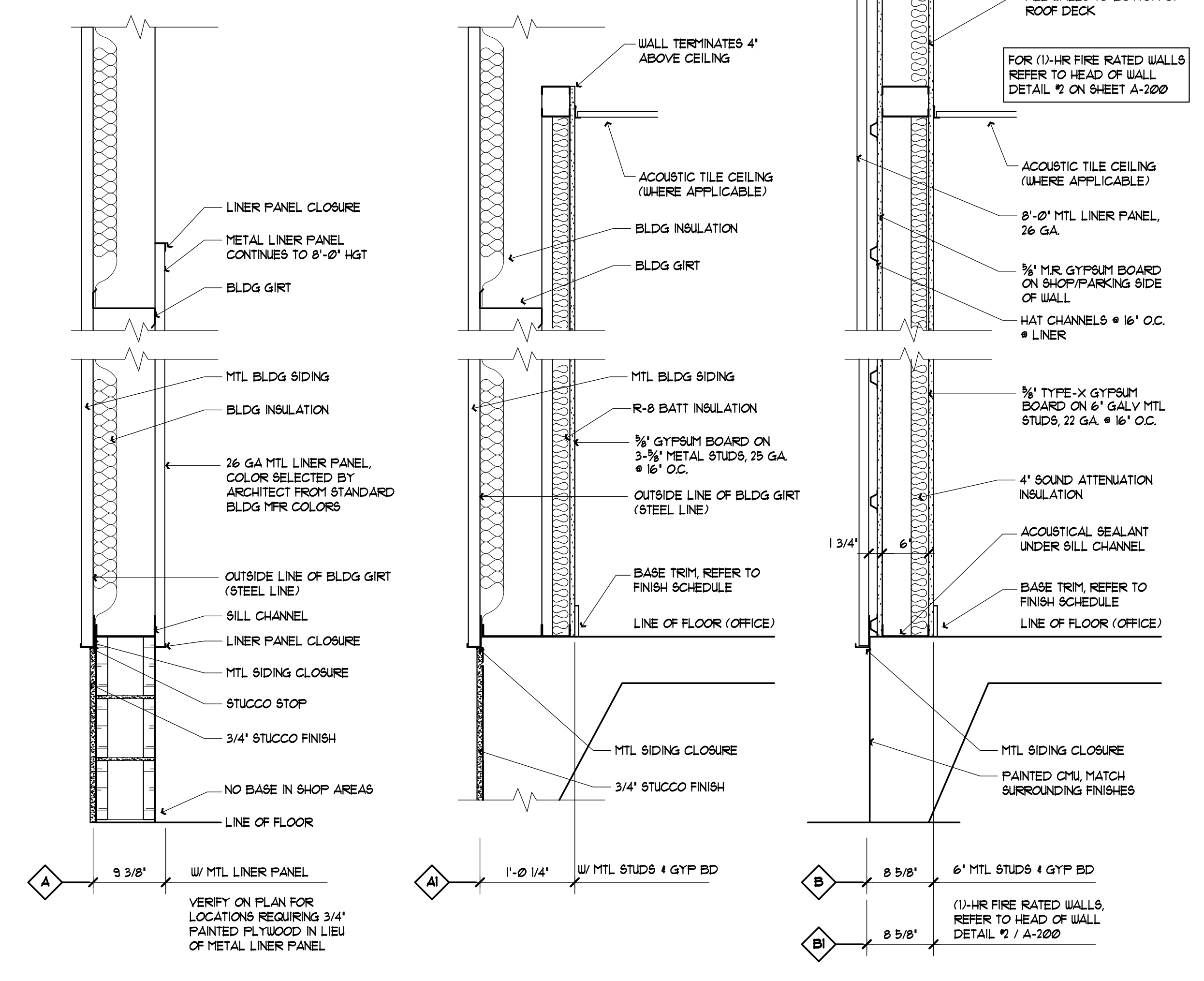
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SHEET TITLE:
Dimensioned Floor Plan

A-202



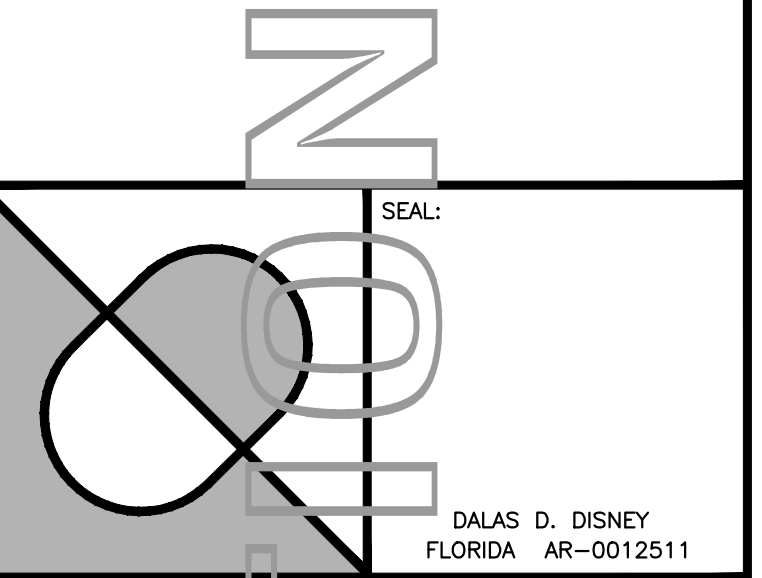
1 DIMENSIONED FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 WALL TYPES
SCALE: 1" = 1'-0"

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 FLORIDA REGISTRATION #A 0002502

NOTES:

CONSTRUCTION

PROJECT:
City of Naples Utilities Maintenance Bldg
 1450 4th Avenue North
 Building # 950
 Naples, Florida

REV.	DESCRIPTION	BY	DATE

DATE: Nov 30, 2015
 PROJECT NO: 15-581
 CAD DWG FILE: Z:
 DRAWN BY: DD
 CHK'D BY: DD

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SHEET TITLE:
Reflected Ceiling Plan / Roof Plan

A-203

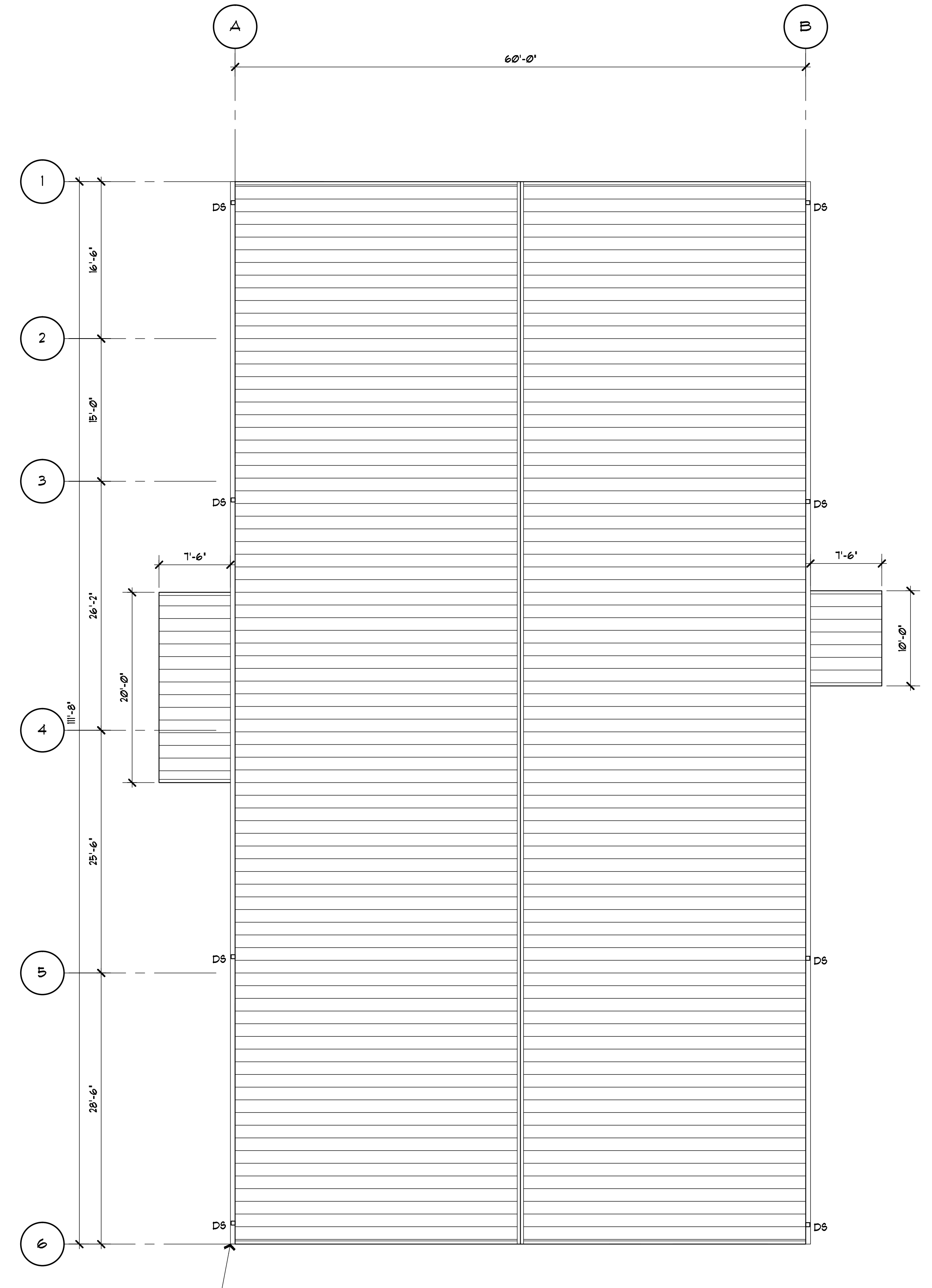
REFLECTED CEILING PLAN NOTES

- ① ACOUSTIC CEILING TILE SHALL BE ARMSTRONG 24"x24" MODEL# 1TB6, COLOR: WHITE, FINE FIGURED ANGLED TEGULAR, HIGH-NCR (15+), 15/16" GRID. CLG SHALL BE INSULATED W/ 6" BATT INSULATION.
- ② ALL EXPOSED STRUCTURE SHALL BE PAINTED.
- ③ BULKHEAD ON METAL STUDS @ 10'-0" AFF, TYPICAL AT BOTH PARKING & EQUIP SHOP STAIRS.
- ④ CEILING FAN, 12'-0" DIA.

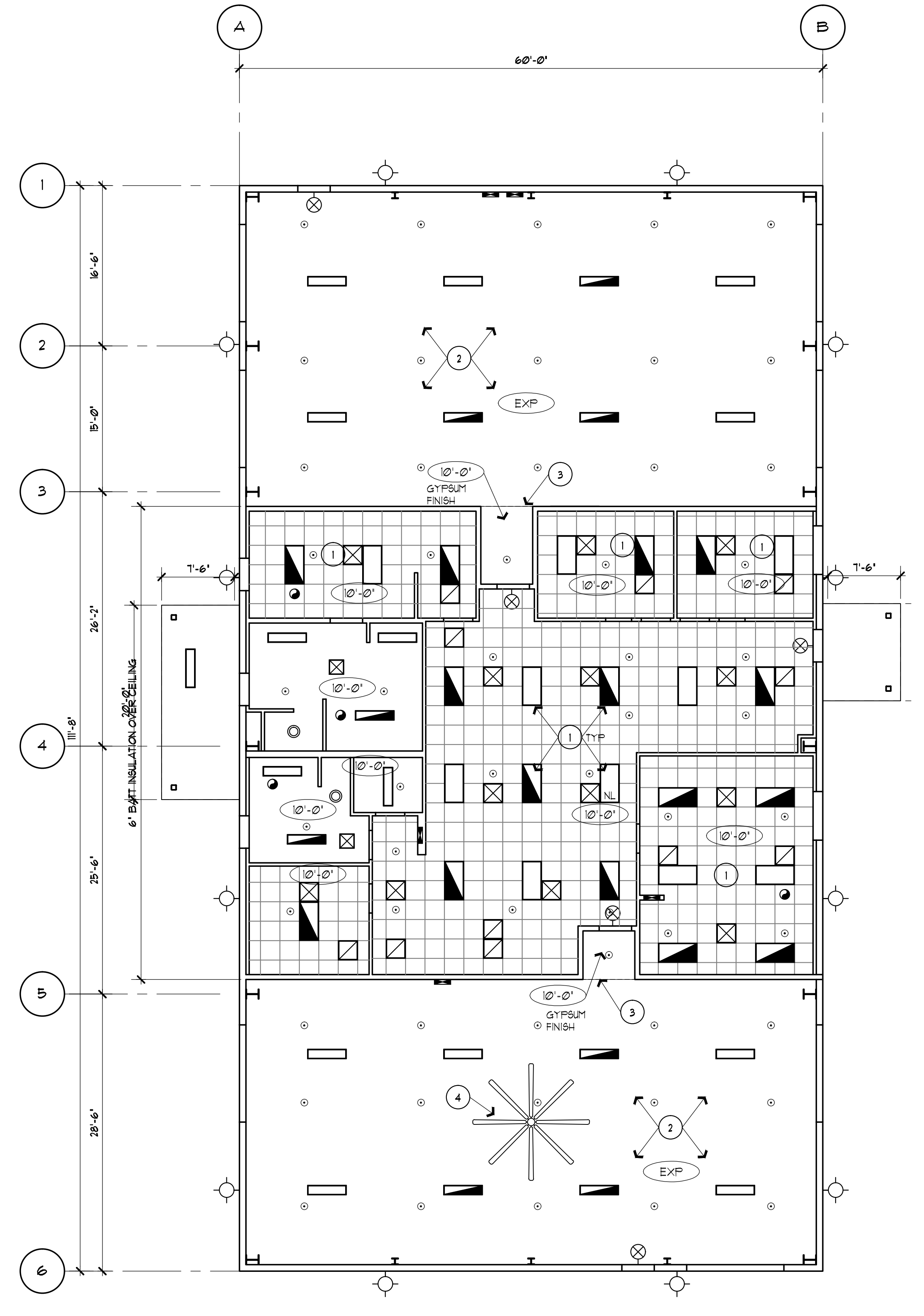
CEILING PLAN LEGEND

- 1x4 LED FIXTURE
- 1x4 LED FIXTURE WITH INTEGRAL EMERGENCY BATTERY PACK. PROVIDE UNSWITCHED "HOT" CONDUCTOR TO POWER EMERGENCY BALLAST.
- 2x4 LED FIXTURE
- 2x4 LED FIXTURE WITH INTEGRAL EMERGENCY BATTERY PACK. PROVIDE UNSWITCHED "HOT" CONDUCTOR TO POWER EMERGENCY BALLAST.
- 2x2 LED FIXTURE
- 2x2 LED FIXTURE WITH INTEGRAL EMERGENCY BATTERY PACK. PROVIDE UNSWITCHED "HOT" CONDUCTOR TO POWER EMERGENCY BALLAST.
- LED WALL OR SEMI-RECESSED MOUNTED FIXTURE
- LED STRIP LIGHT
- WALL WASHER RECESSED LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- WALL MOUNT LIGHT FIXTURE
- WALL MOUNT EXIT SIGN
- 2-SIDED EXIT SIGN
- SURFACE MOUNTED LED LIGHT FIXTURE
- EXHAUST FAN & LIGHT
- EXHAUST FAN
- CEILING PADDLE FAN
- ELECTRICAL WIRE
- EMERGENCY LIGHT
- EMERGENCY & EXIT LIGHT COMBINATION
- HVAC SUPPLY
- HVAC RETURN
- HVAC EXHAUST
- SPRINKLER HEAD
- SPEAKER

NOTE: SOME SYMBOLS SHOWN IN THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.

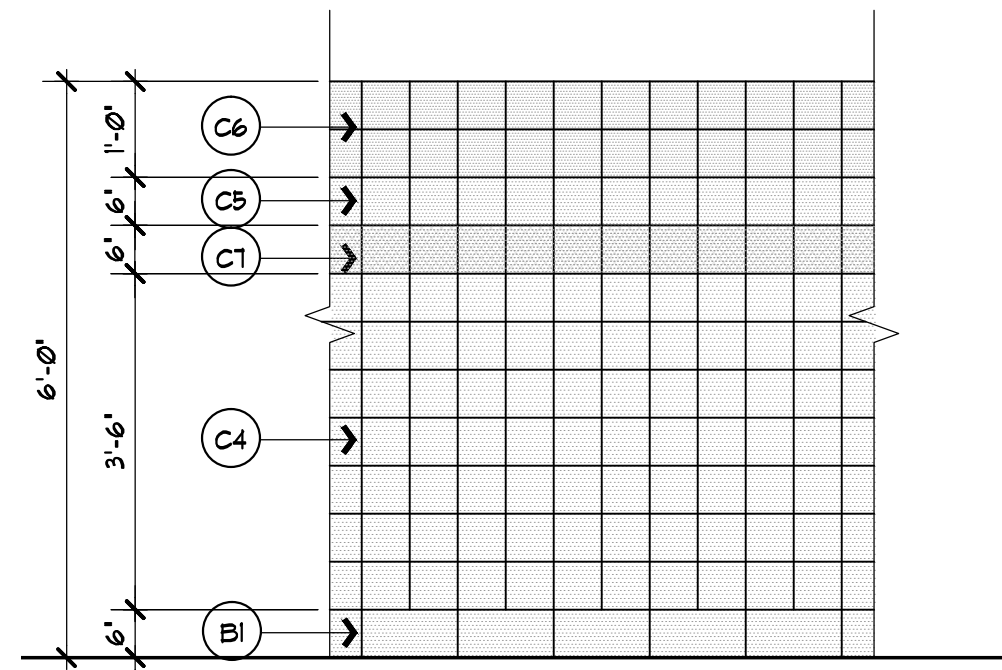


1 ROOF PLAN
 SCALE: 1/8" = 1'-0"
 NORTH



2 REFLECTED CEILING PLAN
 SCALE: 1/8" = 1'-0"
 NORTH

TOILET ACCESSORY SCHEDULE				
TAG	ACCESSORY	MFR.	MFR. NO.	MOUNTING HEIGHT
T1	SURFACE MOUNTED SOAP DISPENSER	GOJO	H-1585	MOUNT PER H.C. CODE
T2	SURFACE MOUNTED TOILET TISSUE DISPENSER, DOUBLE ROLL	BOBRICK	B-2890	MOUNT PER H.C. CODE
T3	18" W. x 30" H. MIRROR W/ S.S. FRAME	BOBRICK	B-290-1830	MOUNT PER H.C. CODE
T4	36" GRAB BAR	BOBRICK	B-6806x36	MOUNT PER H.C. CODE
T5	42" GRAB BAR	BOBRICK	B-6806x42	MOUNT PER H.C. CODE
T6	TOILET DISPENSER	BOBRICK	B-262	MOUNT PER H.C. CODE
T7	ROBE HOOK	BOBRICK	B-216	MOUNT PER H.C. CODE
T8	SHOWER ROD + CURTAIN	QUALITY STAGE DRAPEY	WEDFRD110071	
T9	SOAP DISH	BOBRICK	B-680	
T10	SANITARY NAPKIN DISPOSAL	BOBRICK	B-270	MOUNT PER H.C. CODE
T11	MOP / BROOM HOLDER	BOBRICK	B-223x36	60" TO TOP
T12	TOILET SCREEN PARTITION	BOBRICK	B-1090	MOUNT PER H.C. CODE
T13	TOILET DISPENSER / WASTE COMBO	BOBRICK	B-369	RECESSED
T14	FOLDING SHOWER SEAT	BOBRICK	B-5181	MOUNT PER H.C. CODE
T15	UNDER LAVATORY GUARDS	TRUEBRO INC.	EZ-SERIES	
T16	STAINLESS STEEL HOSE BRACKET	MOEN	8199	22" TO BOTTOM



3 WALL TILE PATTERN
SCALE: 1/2" = 1'-0"

FINISH SCHEDULE LEGEND		
V1 SPACIA CONCRETE PUTTY 9-9725B4	C1 DAL TILE MOUNTAIN CLIFF POINTE CP85	C4 DAL TILE CRISP LINEN MATTE Q139
V2 SPACIA CERAMIC CHOCOLATE 9-972556	C2 DAL TILE ROCK CLIFF POINTE CP84	C5 DAL TILE DRIFTWOOD MATTE QF16
V3 SPACIA CLASSIC WARM STONE 9-972551	C3 DAL TILE BEACH CLIFF POINTE CP80	C6 DAL TILE LAPIS MATTE QF46
V4 SPACIA RUSTIC SMOKED WOOD 9-972555		C7 DAL TILE SUNFLOWER MATTE DH50
B1 DAL TILE MOUNTAIN CLIFF POINTE CP85 COVE BASE		

RUBBER BASE SHALL BE JOHNSONITE 4" MODEL* RUCC-161-A, COLOR: FUDGE (161), COVE BASE

PAINT SHALL BE SHERWIN WILLIAMS 'WHITE DUCK' #91710, SEMI-GLOSS

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GENERAL FINISH NOTES

ALL PATTERNS ARE FOR REFERENCE, VERIFY ALL FIELD DIMENSIONS PRIOR TO INSTALLATION OF FINISH MATERIAL.

ALL TRANSITION STRIPS AT RESILIENT FLOORING SHALL BE 'VI'.

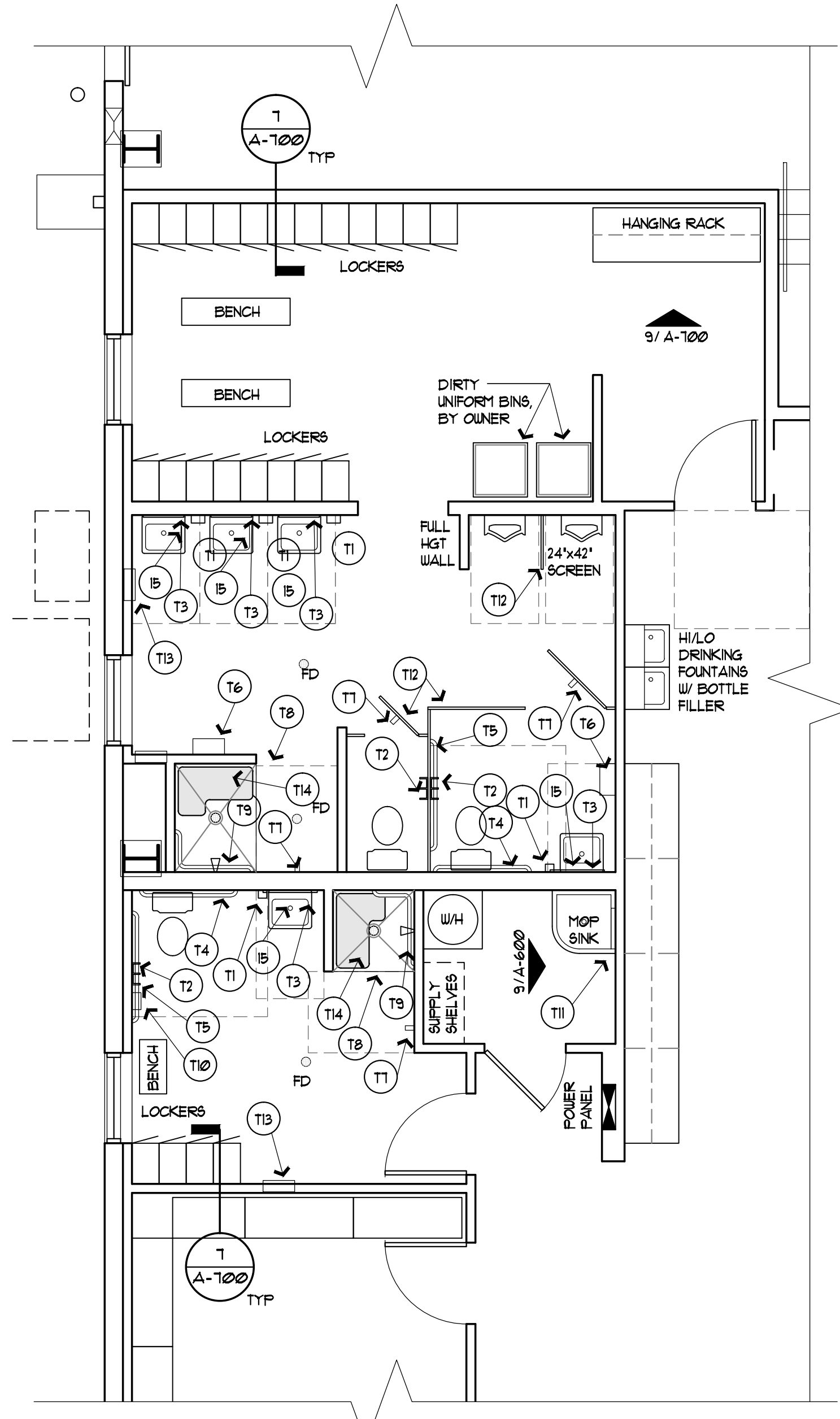
ALL TRANSITION STRIPS AT TILE SHALL BE 'C1'.

SUBMIT GROUT SELECTION AT CONSTRUCTION FOR FINAL APPROVAL.

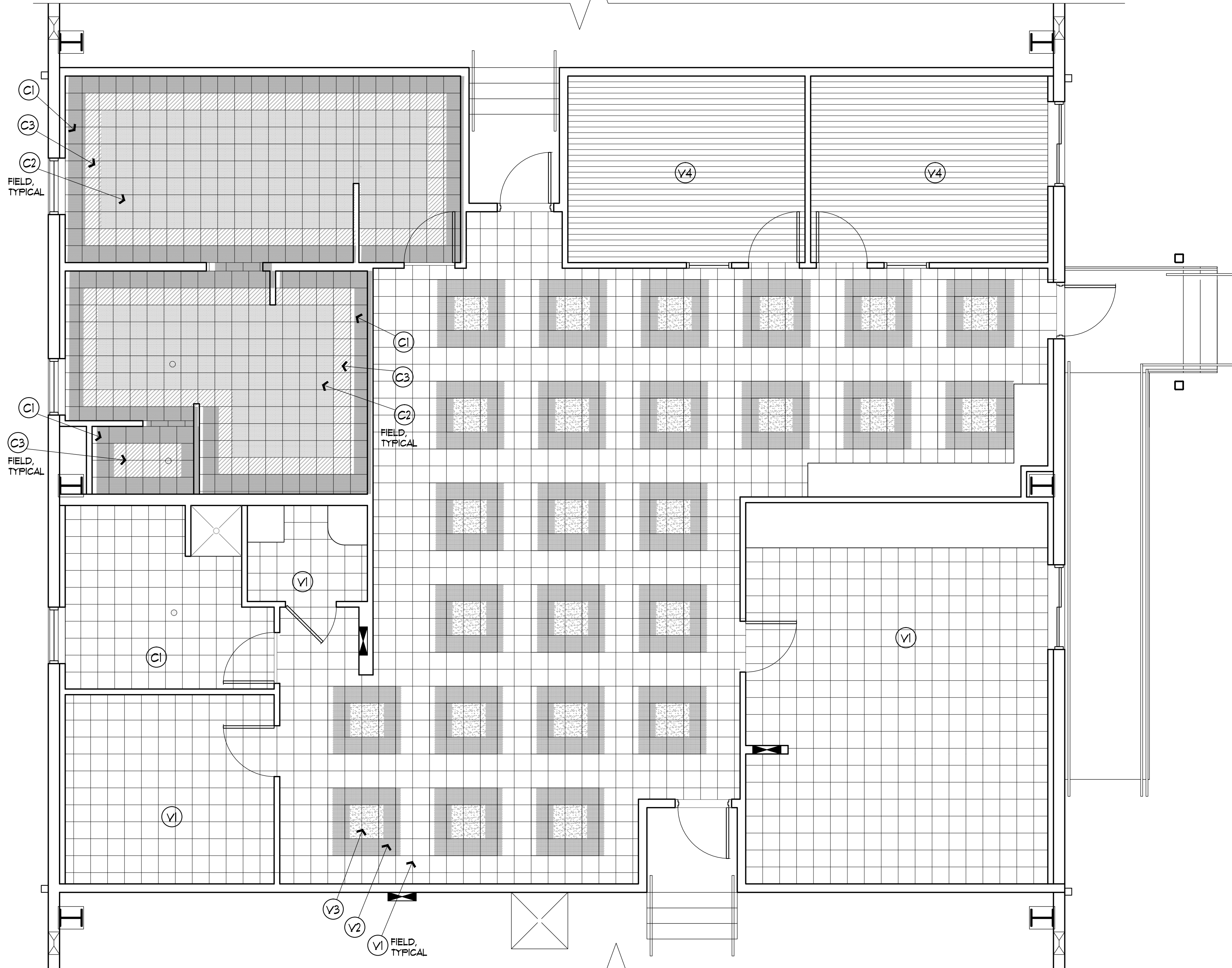
ALL EXPOSED STRUCTURE SHALL BE PAINTED.

ALL HOLLOW METAL DOORS + FRAMES SHALL BE PAINTED SAME COLOR.

ALL CEILING BULKHEADS SHALL BE PAINTED SAME COLOR AS ADJACENT WALL SURFACES.



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



2 FLOOR PATTERN PLAN
SCALE: 1/4" = 1'-0"

CONSULTANTS:

SEAL:

DALAS D. DISNEY
FLORIDA AR-0012511

Disney Associates, P.A.

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FAX (239) 596-2874

ARCHITECTURE
and
PLANNING

FLORIDA REGISTRATION #A 0002502

NOTES:

PROJECT:

**City of Naples
Utilities Maintenance Bldg**

1450 4th Avenue North
Building # 950
Naples, Florida

REV.	DESCRIPTION	BY	DATE
DATE:	Nov 30, 2015		
PROJECT NO.:	15-581		
CAD DWG FILE:	Z:		
DRAWN BY:	TT		
CHK'D BY:	DD		

The design professional accepts no responsibility and liability for problems which arise from the failure to follow these plans, specifications and the design intent they convey, or for problems which arise from other failure to obtain and/or follow the design professional's guidance, or from any errors, omissions, inconsistencies, ambiguities or conflicts which are alleged.

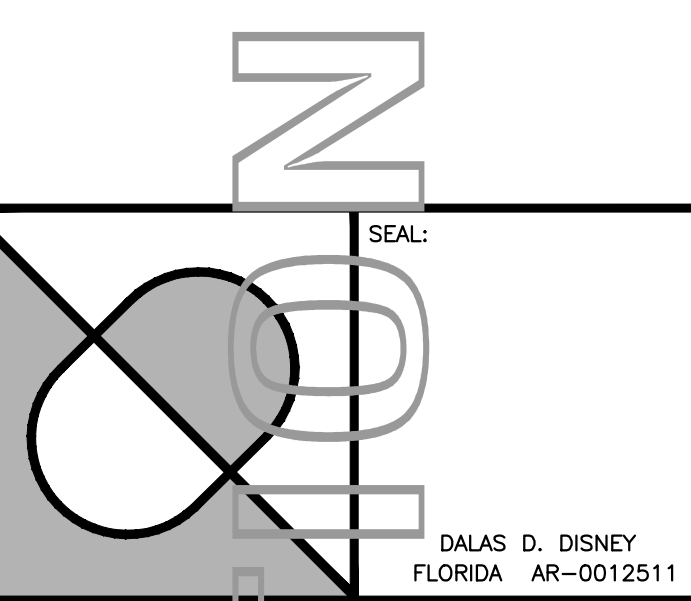
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SHEET TITLE:
Detailed Floor Plan

A-204

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and
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FLORIDA REGISTRATION: A 0002502

NOTES:

CONSTRUCTION

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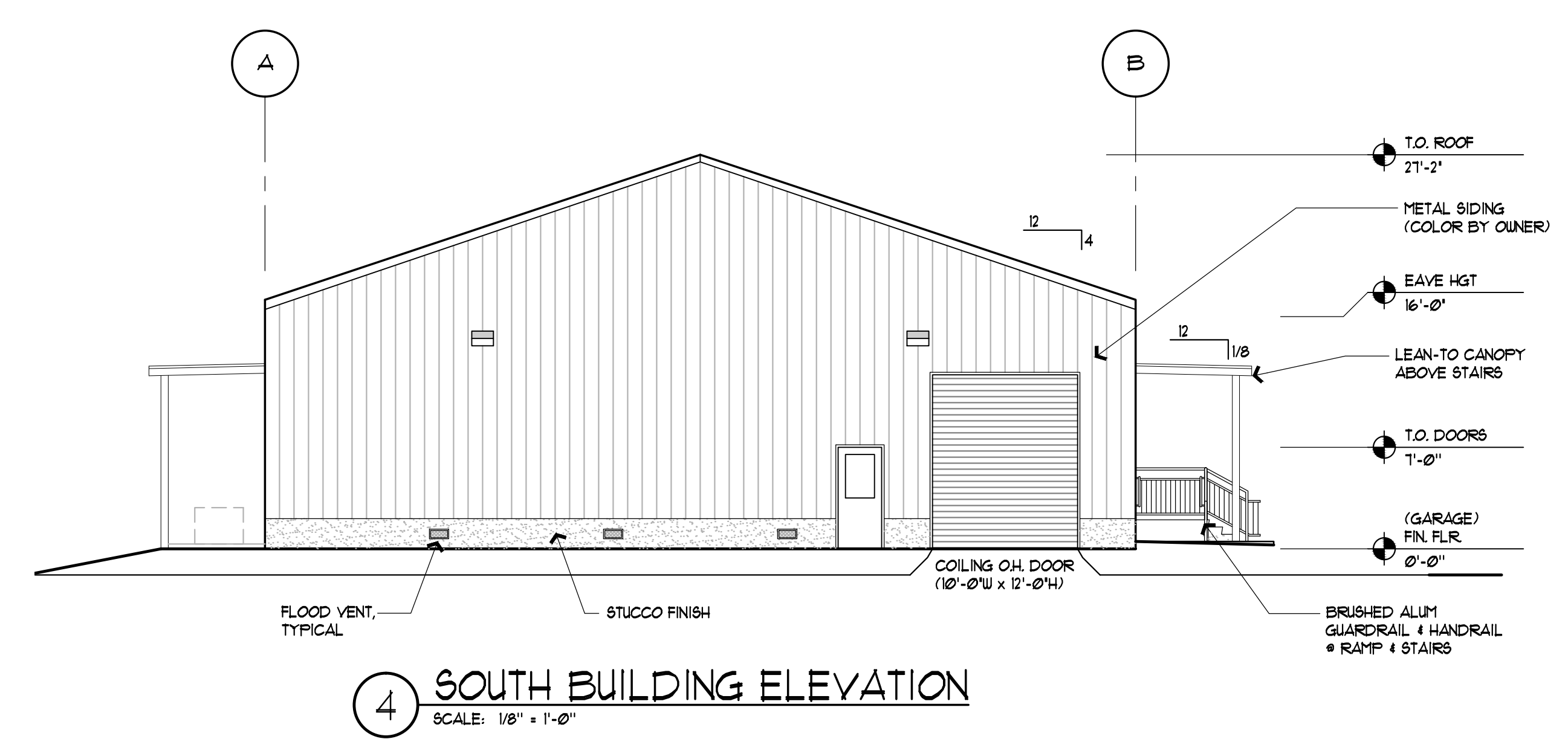
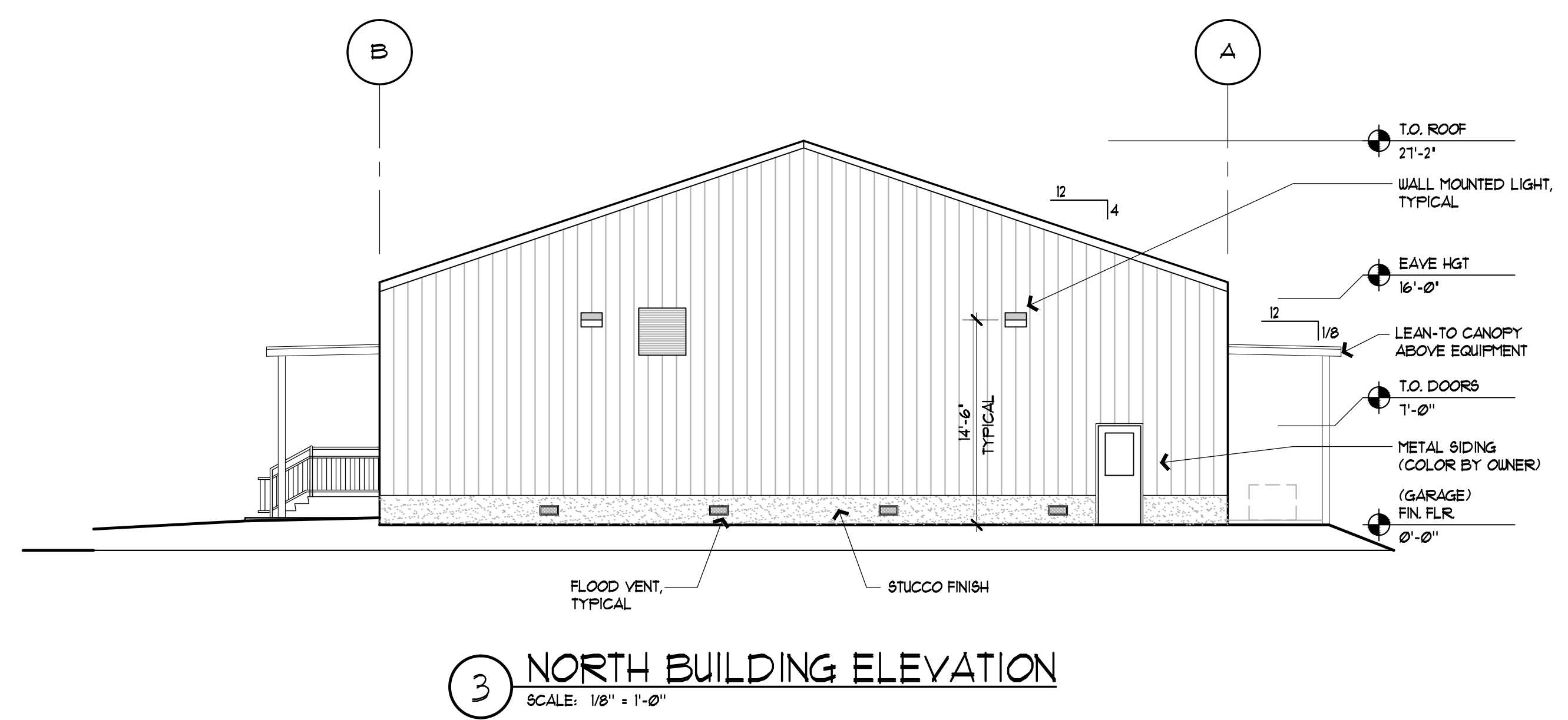
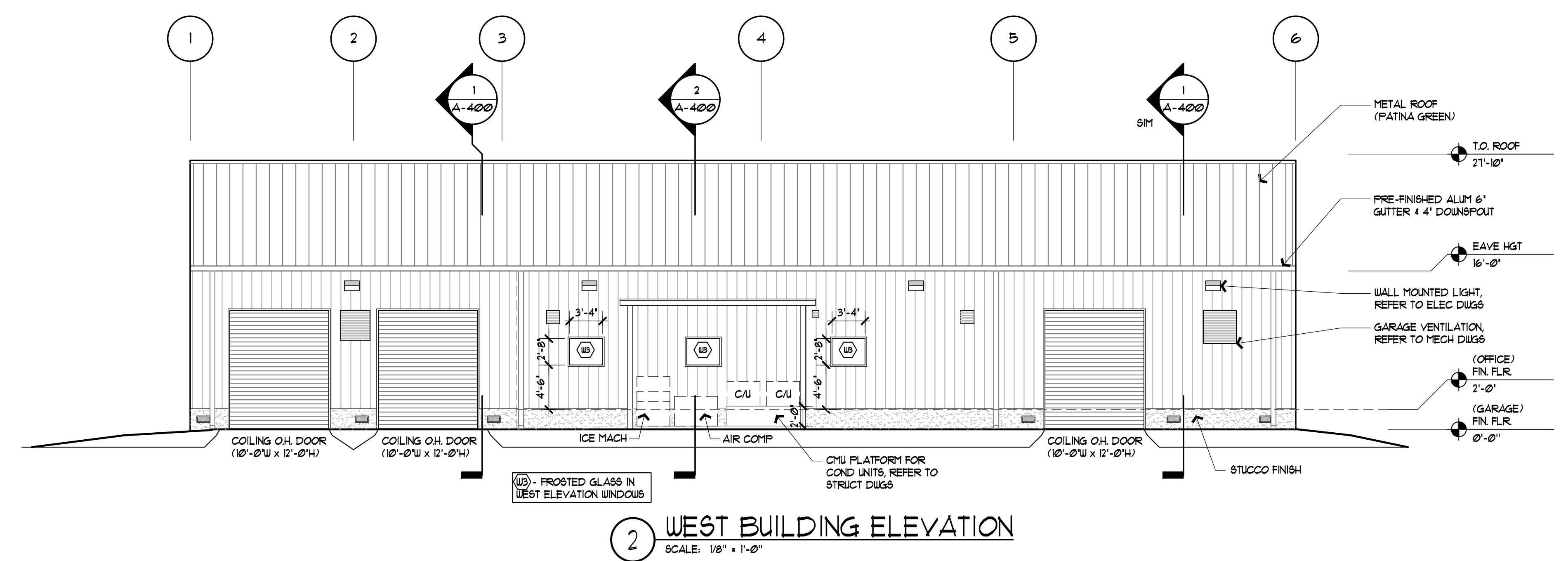
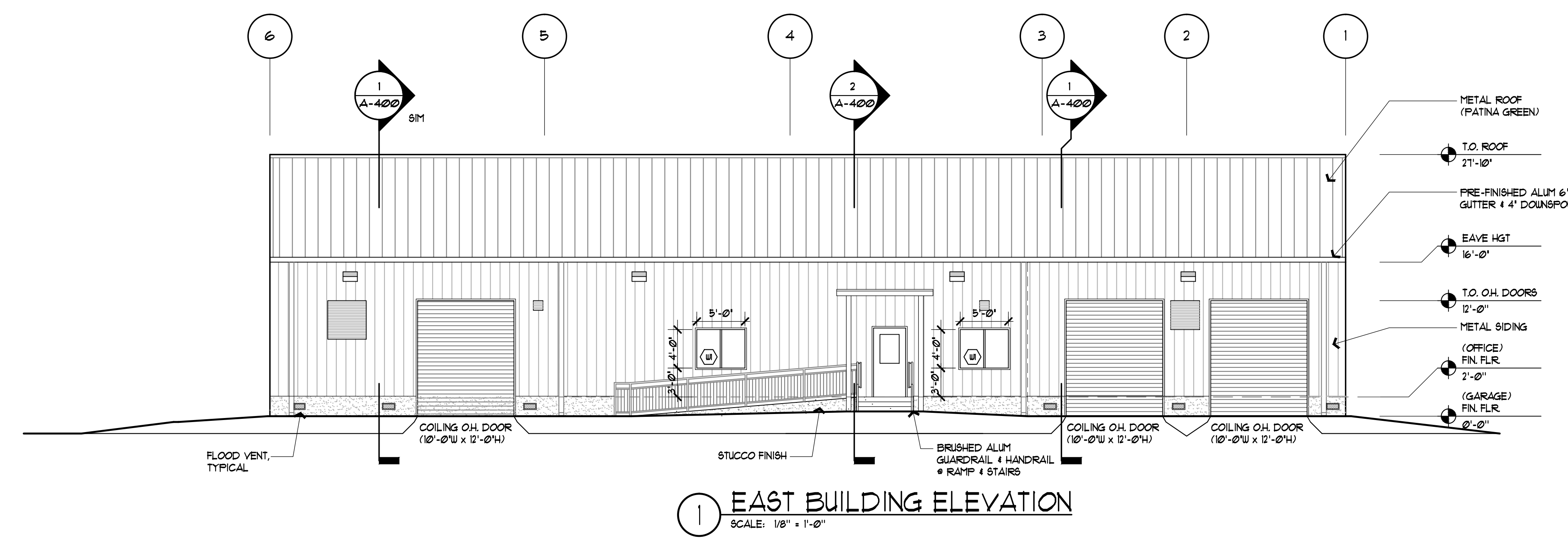
DATE: Nov 30, 2015
PROJECT NO: 15-581
CAD DWG FILE: Z:
DRAWN BY: TT
CHK'D BY: DD

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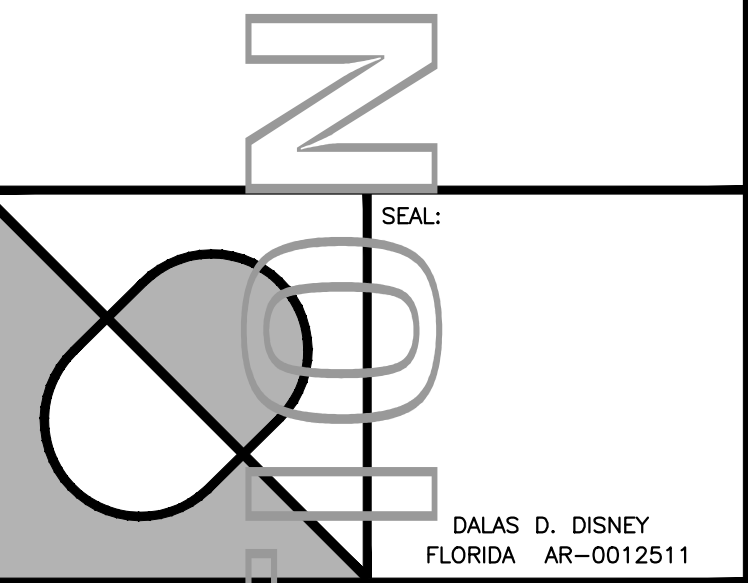
SHEET TITLE:
Exterior Elevations

A-300



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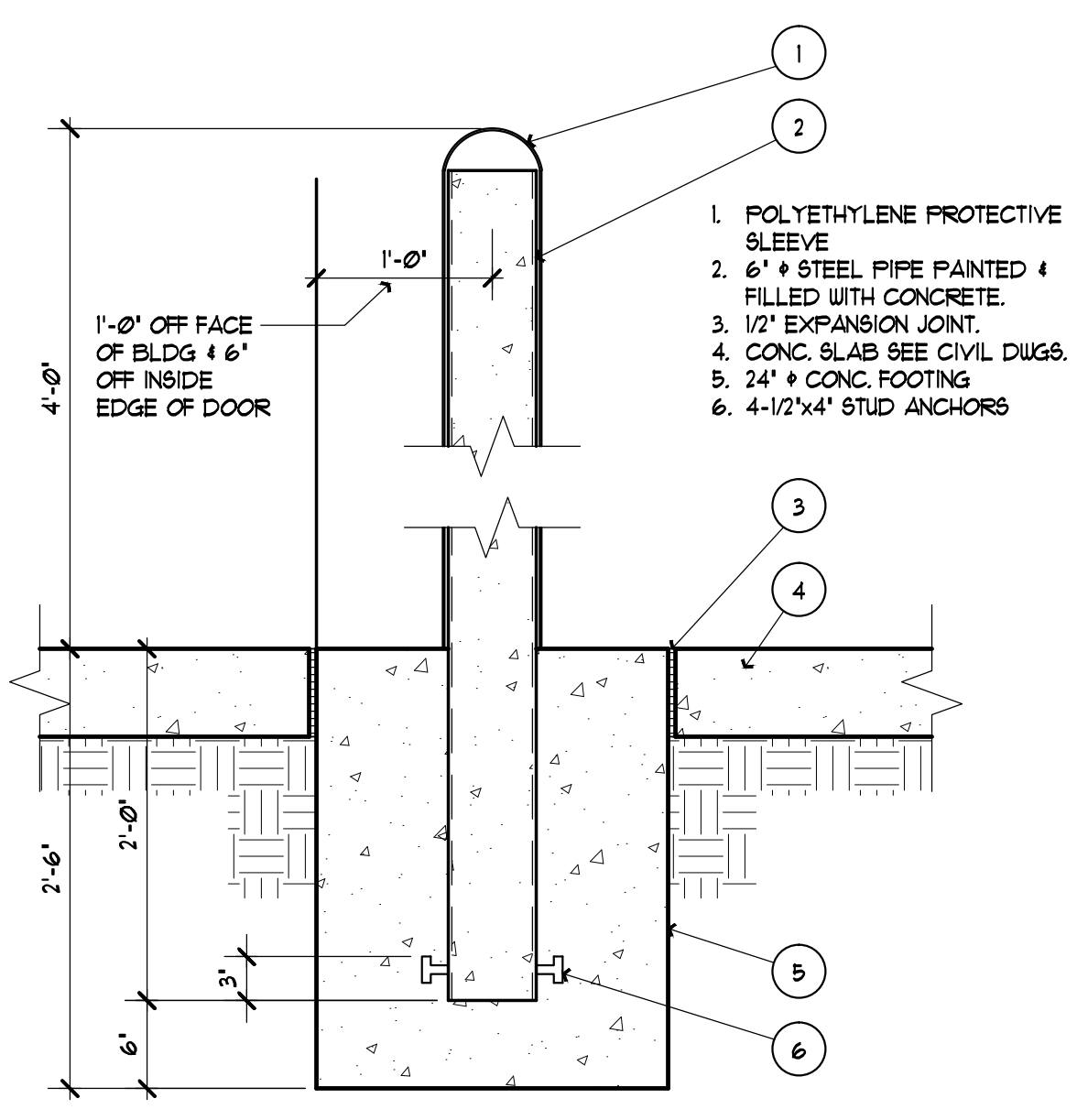
DATE: Nov 30, 2015
 PROJECT NO: 15-581
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 DRAWN BY: DD
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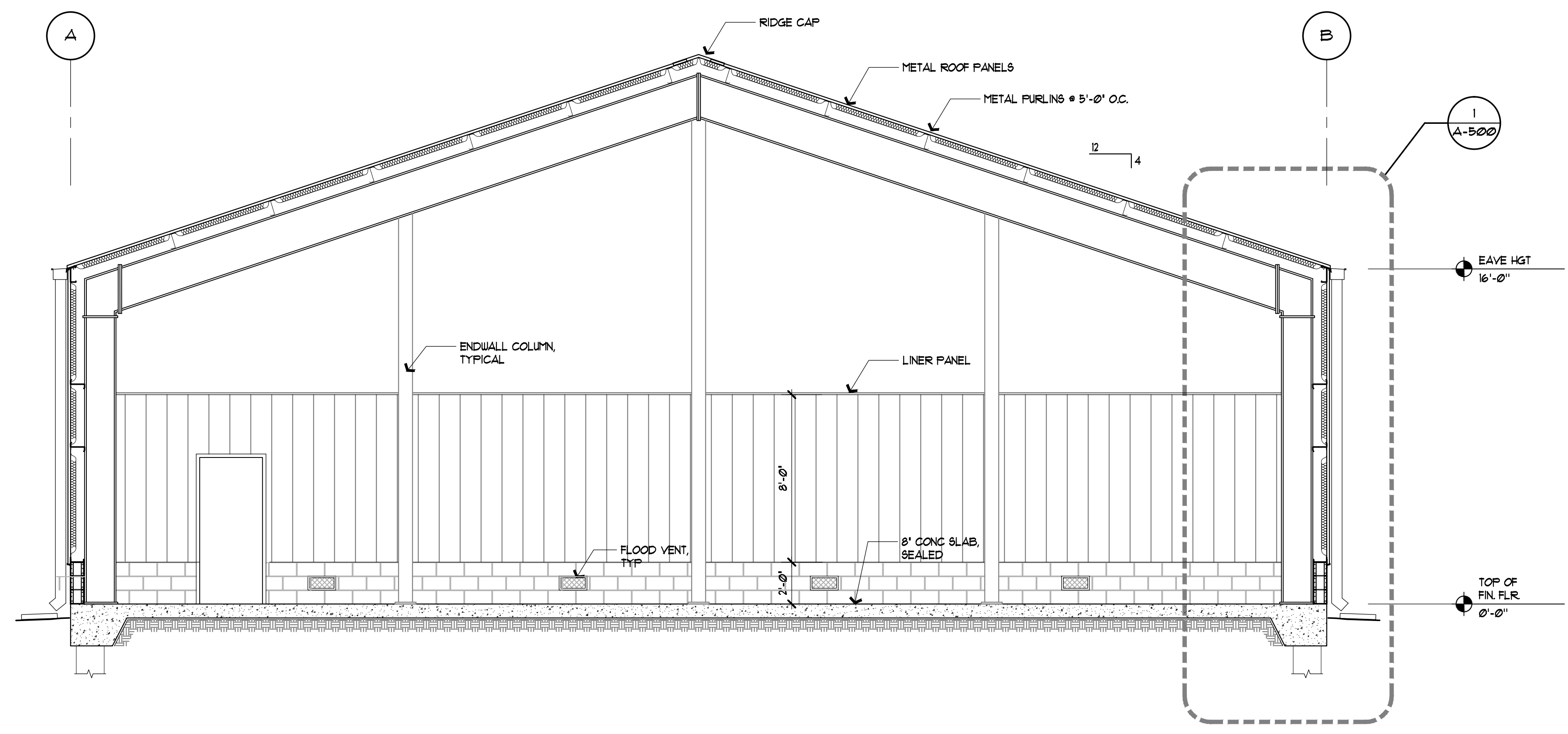
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SHEET TITLE:
Building Sections

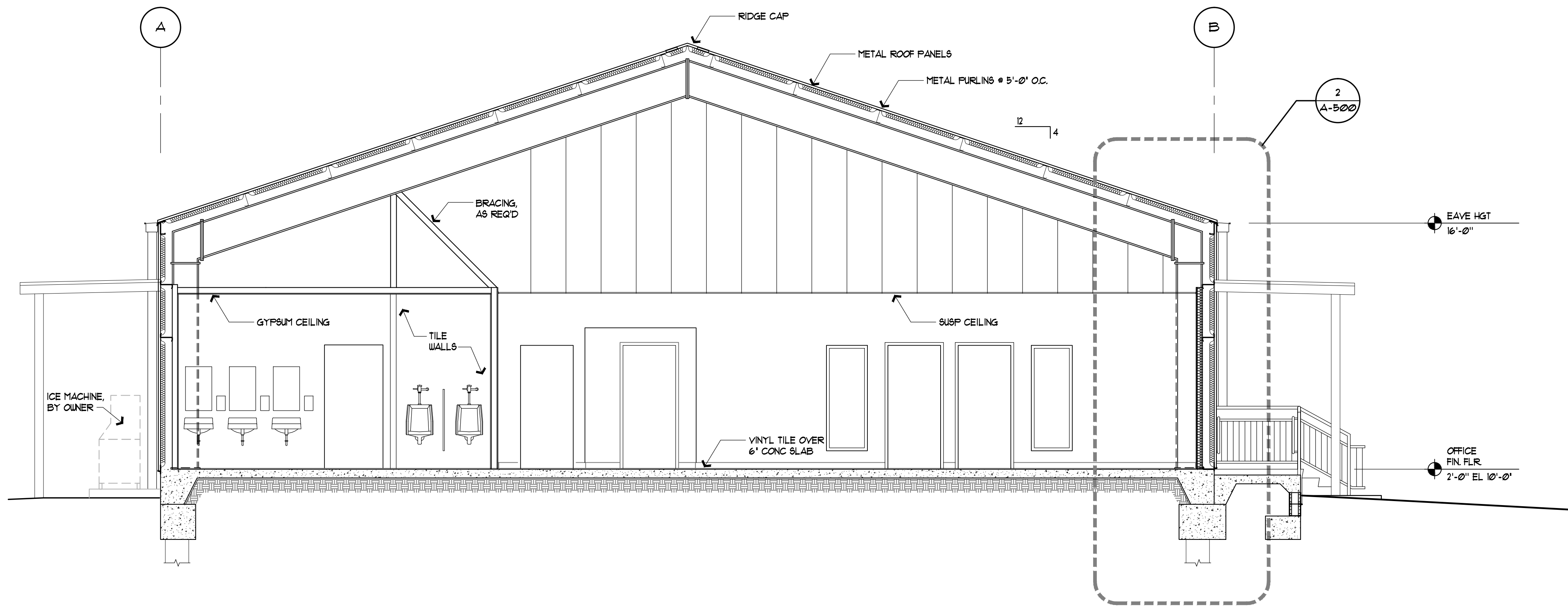
A-400



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



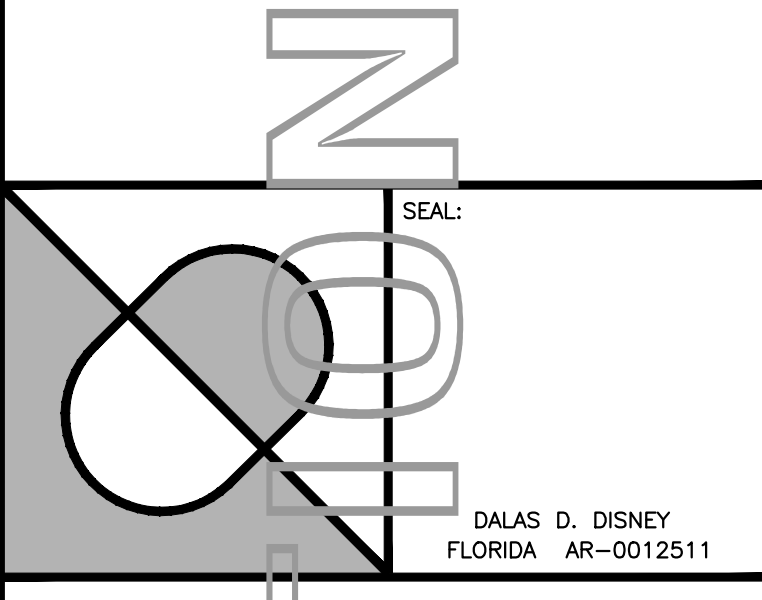
1 BUILDING SECTION - SHOP
 SCALE: 1/4" = 1'-0"



2 BUILDING SECTION - OFFICE
 SCALE: 1/4" = 1'-0"

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 FLORIDA REGISTRATION # A 0002502

NOTES:

CONSTRUCTION

PROJECT:
City of Naples Utilities Maintenance Bldg
 1450 4th Avenue North
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 Naples, Florida

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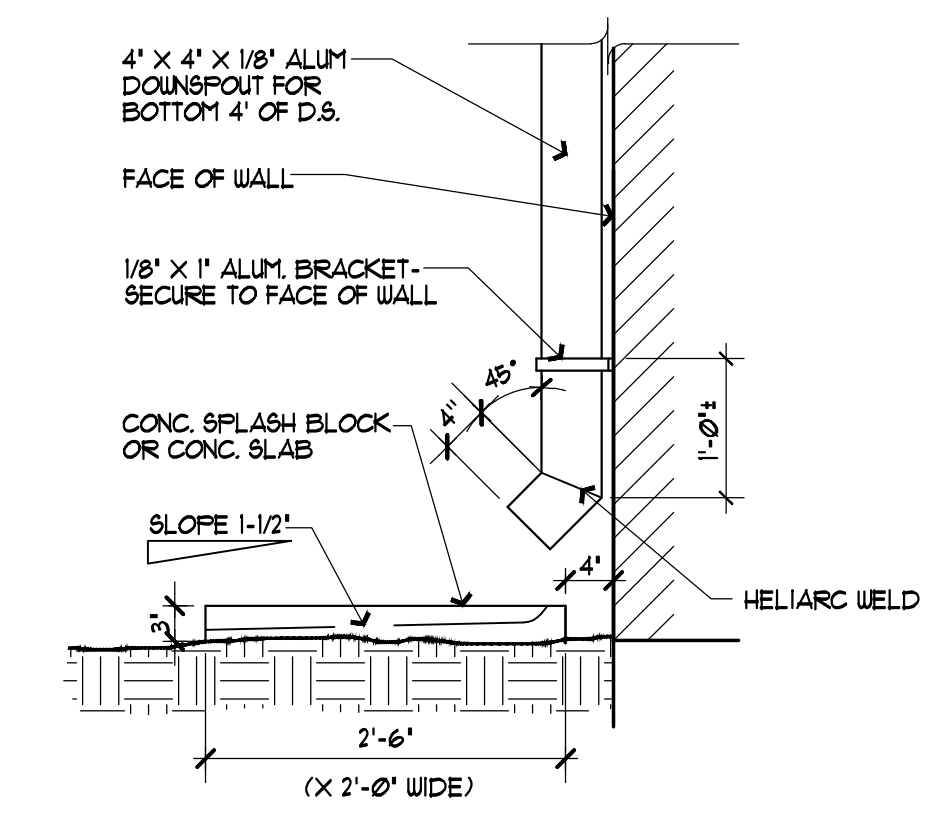
DATE: Nov, 30, 2015
 PROJECT NO: 15-581
 CAD DWG FILE: Z:
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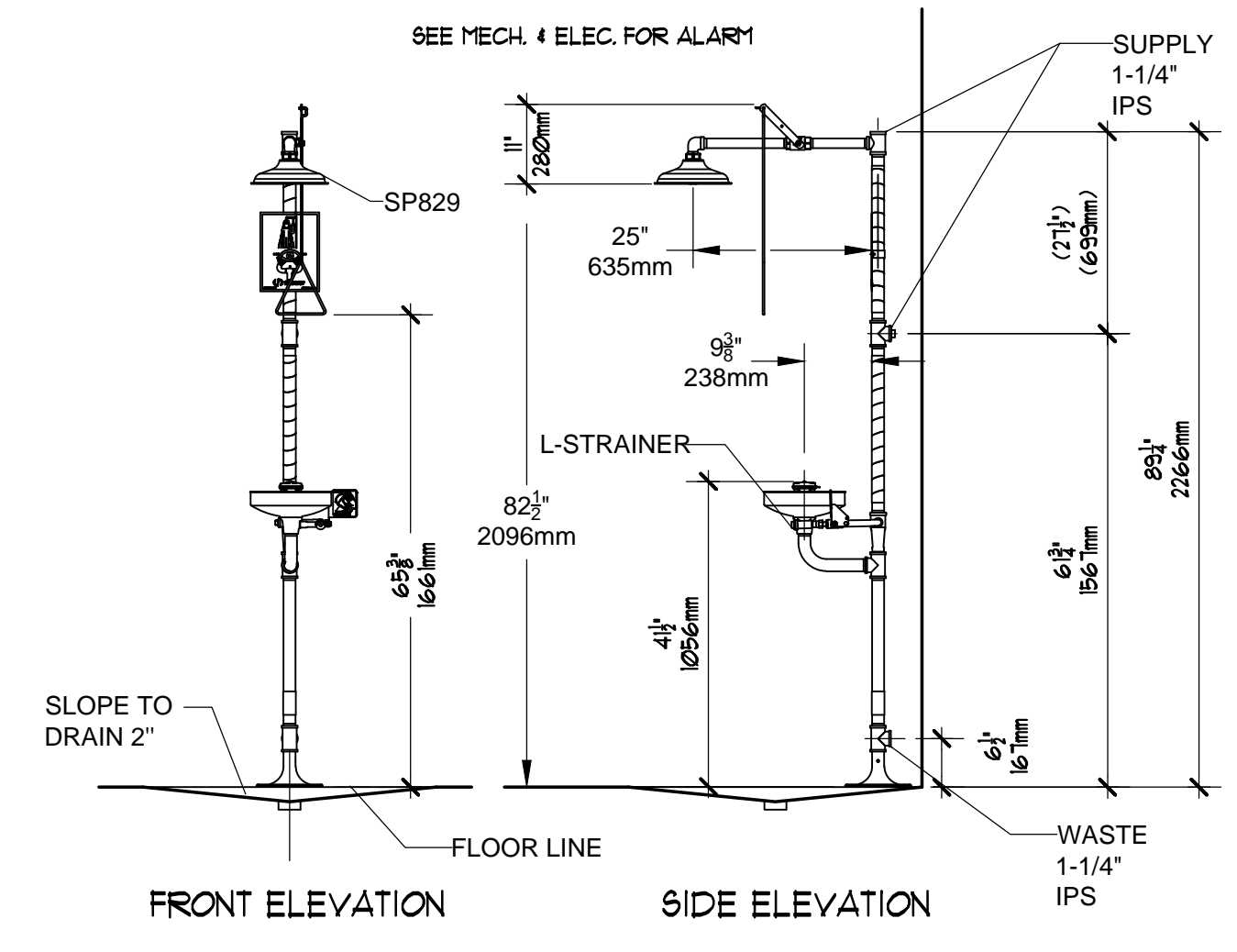
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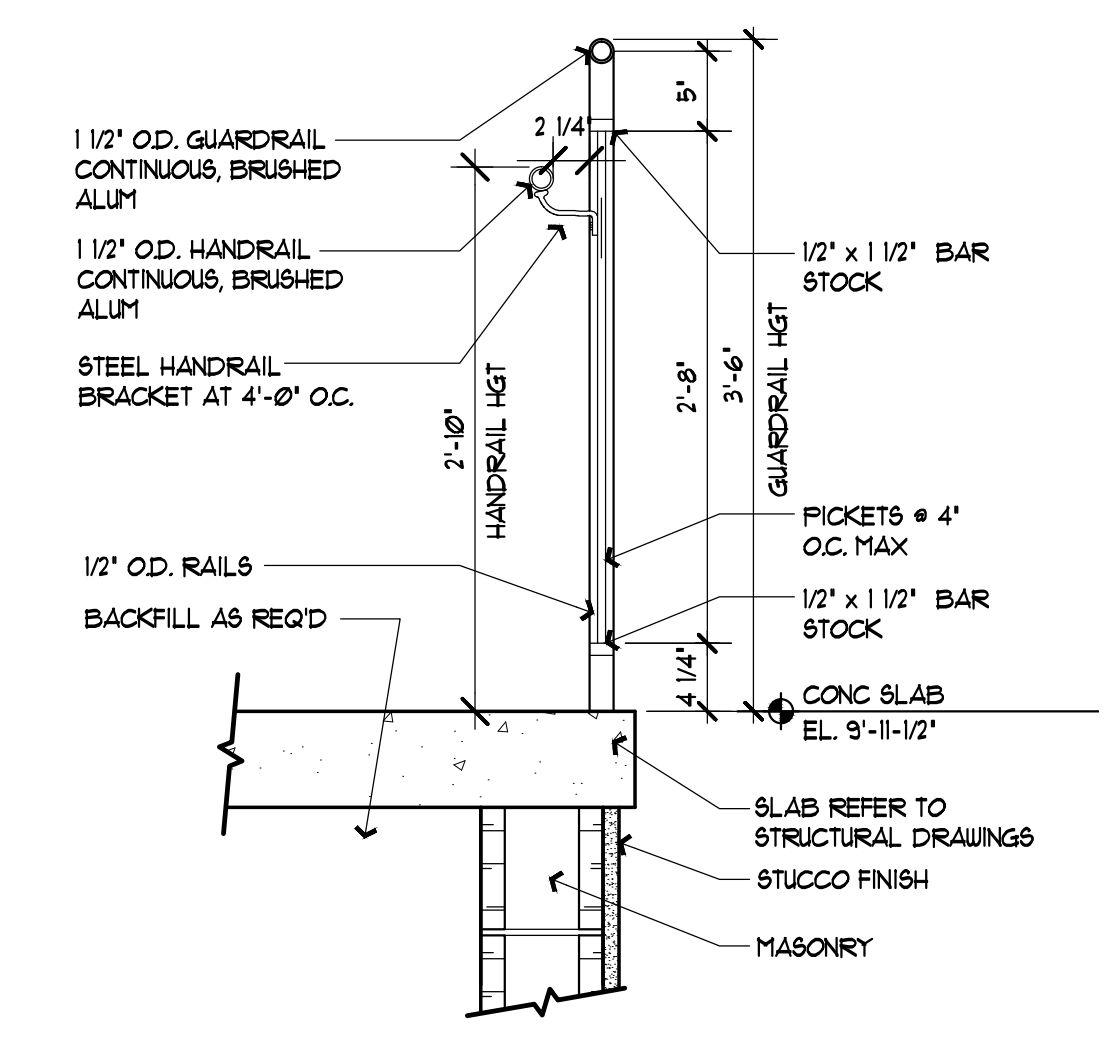
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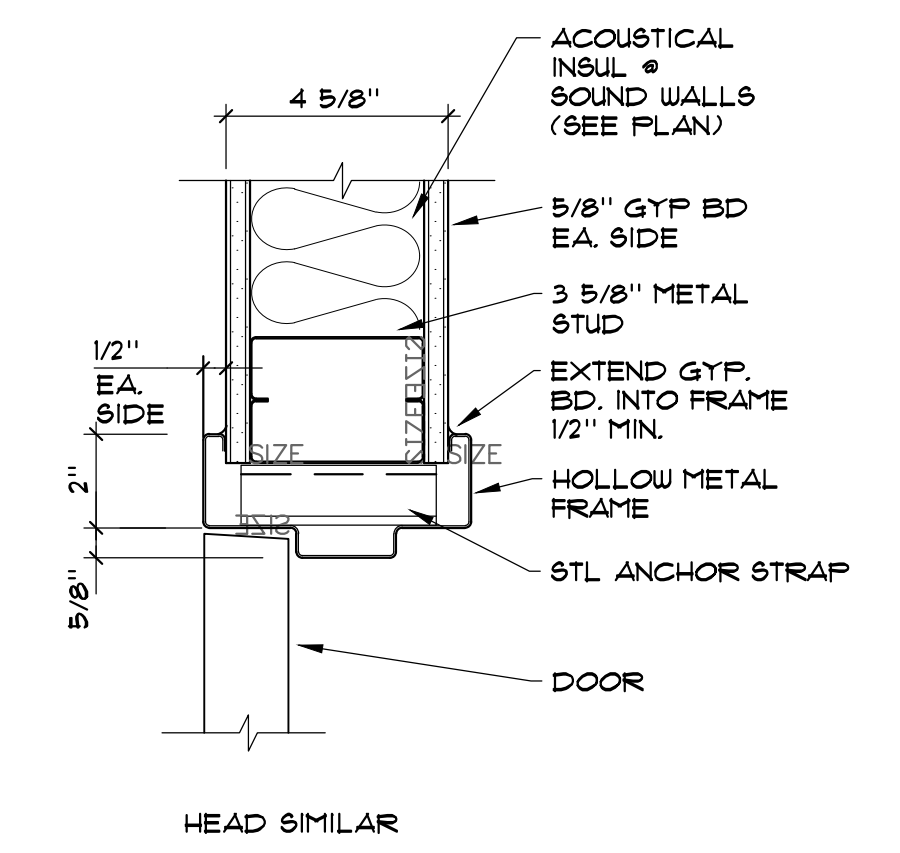
8 SPLASH BLOCK DETAIL
 SCALE: 3/4" = 1'-0"



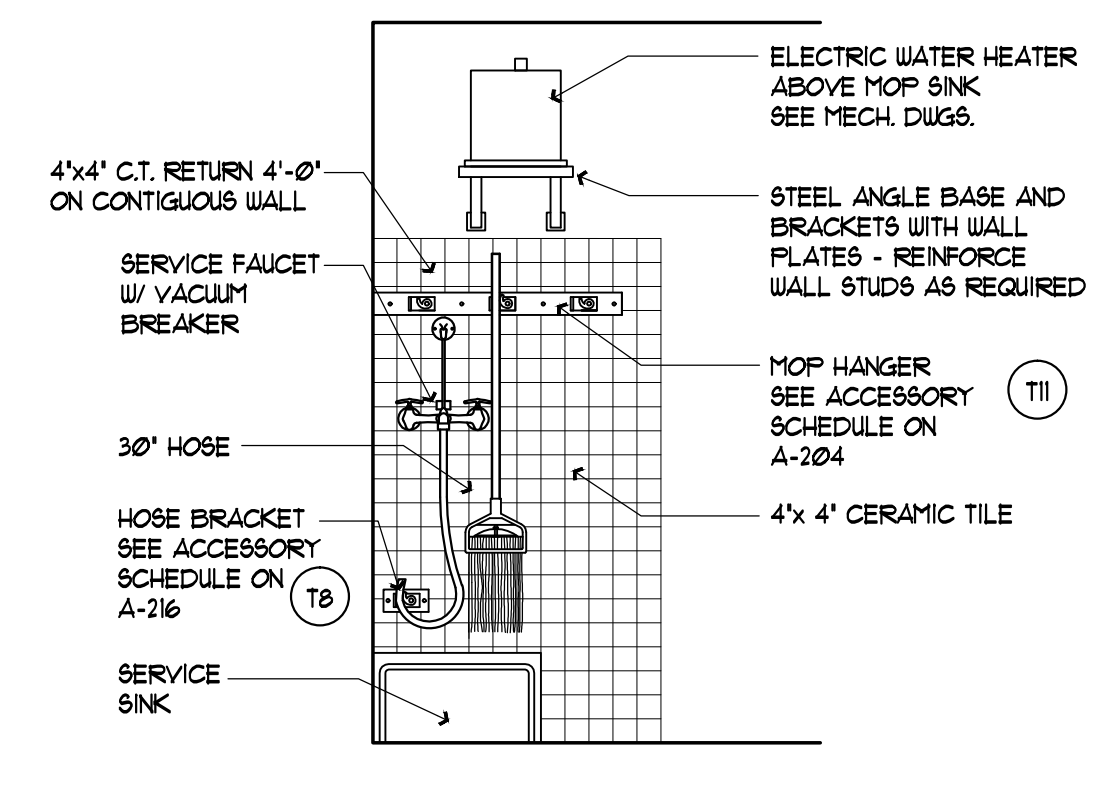
10 EYEWASH / SHOWER DETAIL
 SCALE: 1/2" = 1'-0"



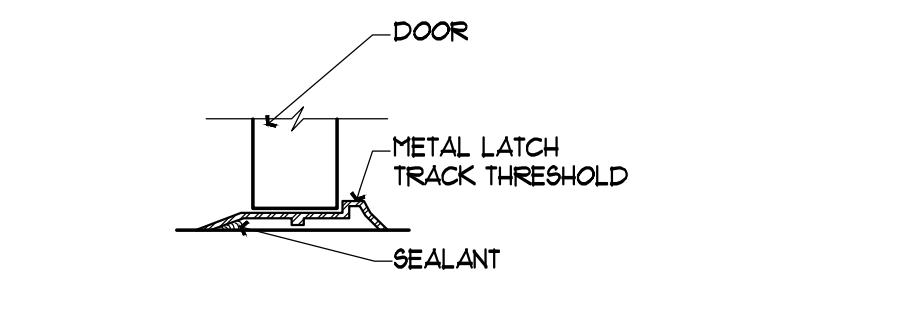
7 EXTERIOR STAIR/RAMP RAILING
 SCALE: 1" = 1'-0"



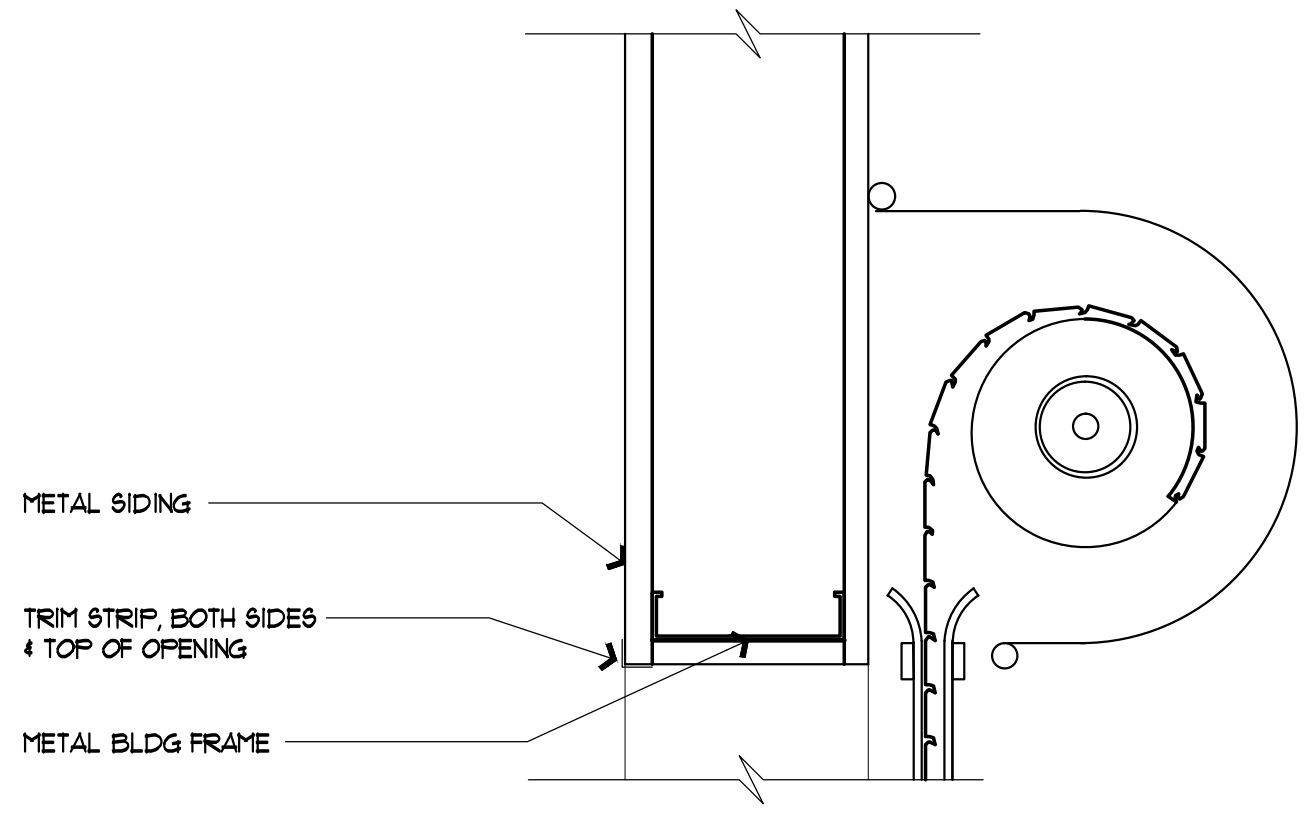
4 HOLLOW METAL DOOR DETAIL
 SCALE: 3" = 1'-0"



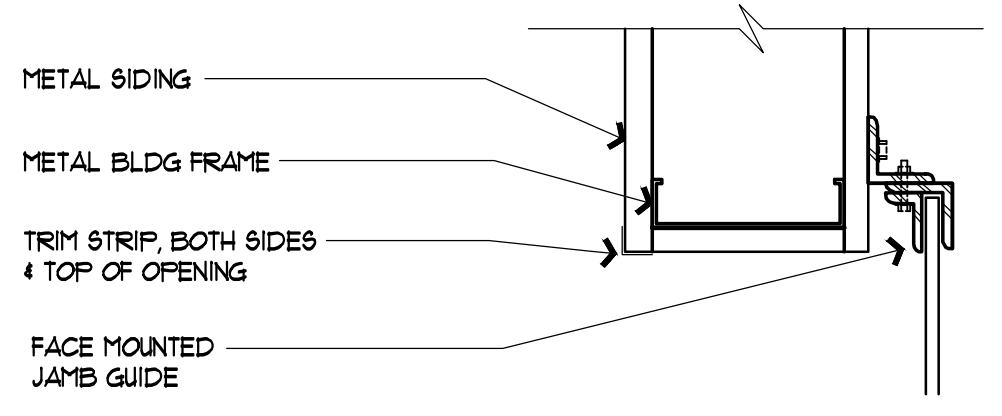
9 MOP SINK ELEVATION
 SCALE: 3/8" = 1'-0"



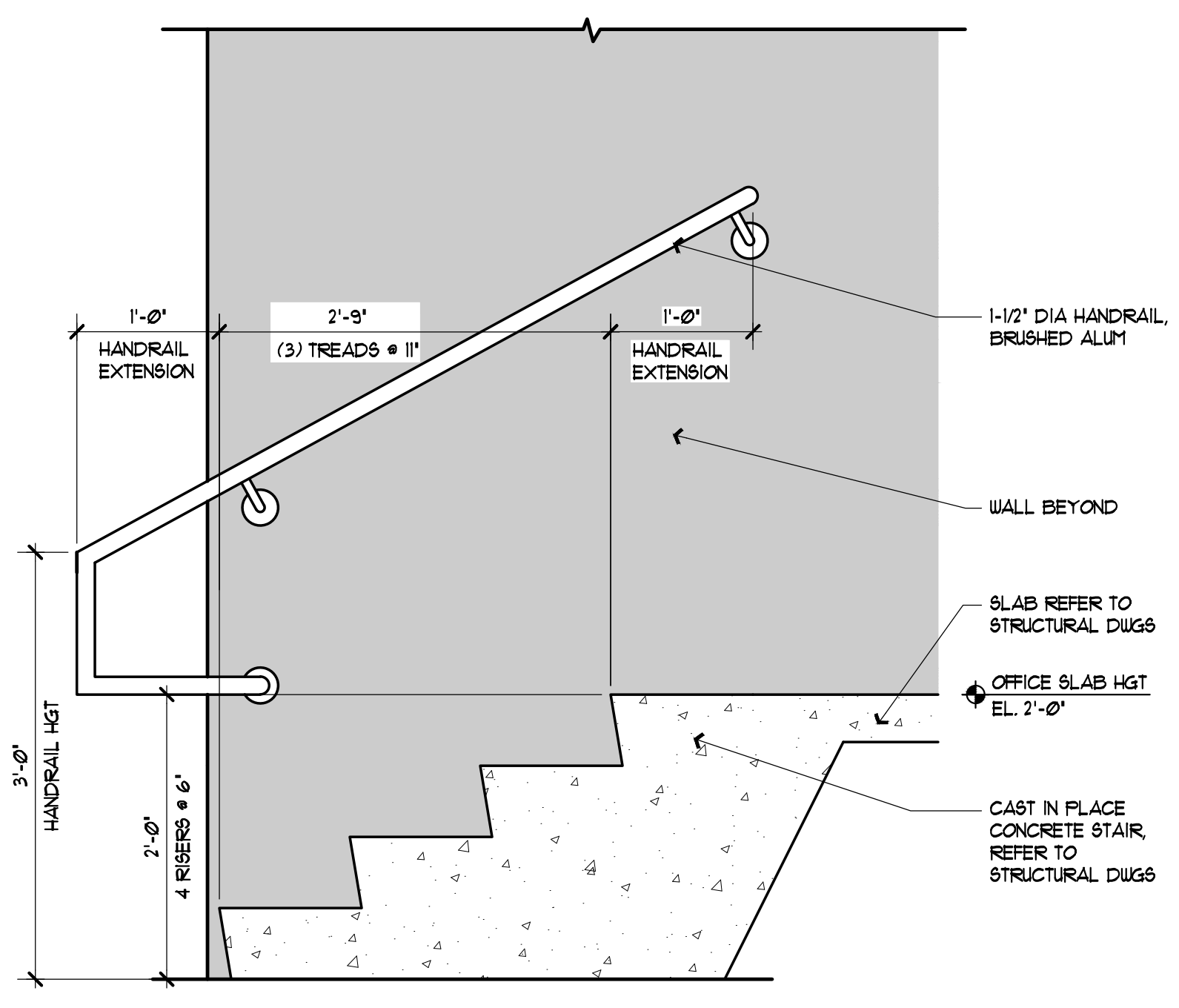
5 DOOR THRESHOLD DETAIL
 SCALE: 3" = 1'-0"



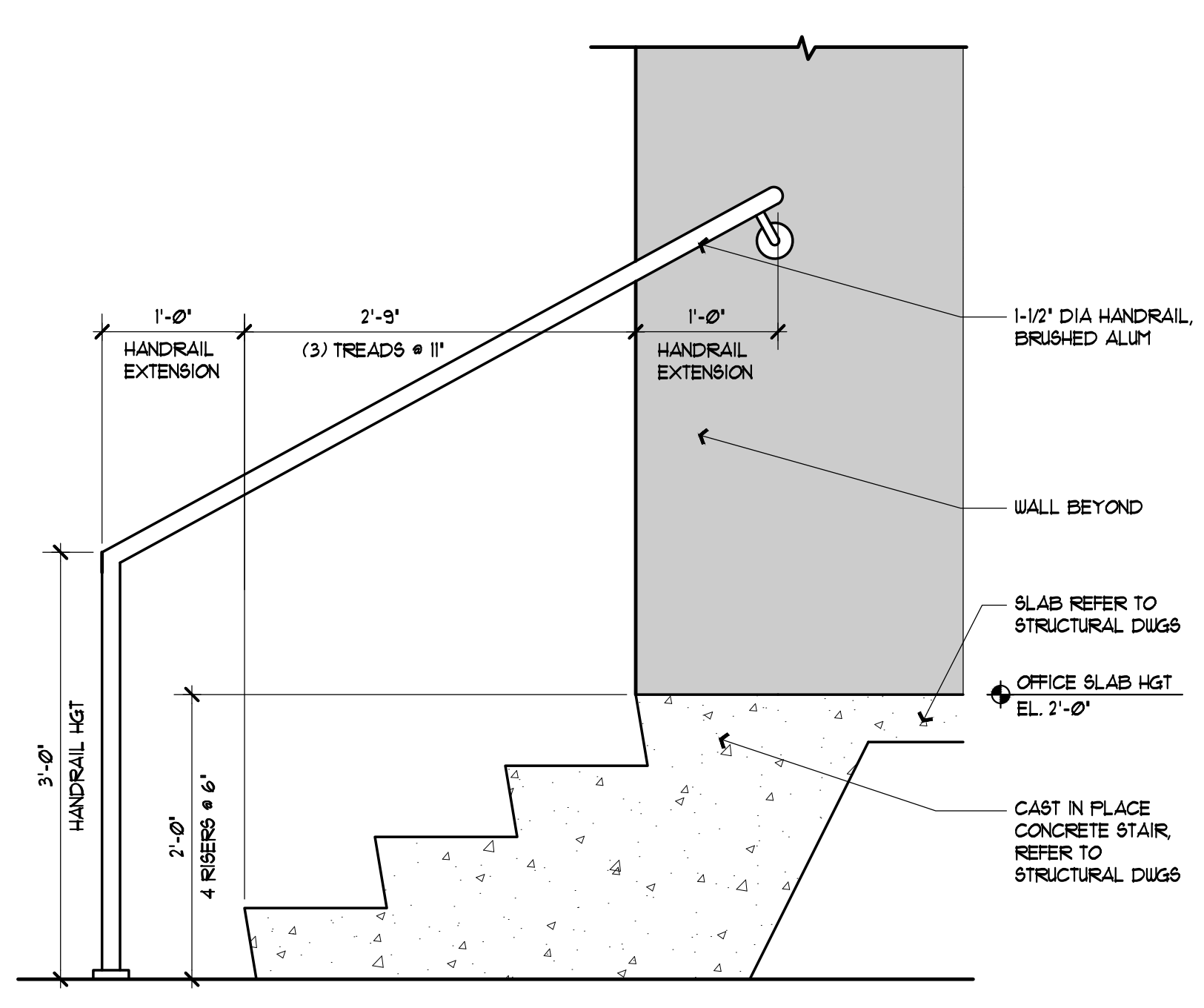
1 O.H. DOOR HEAD
 SCALE: 3/4" = 1'-0"



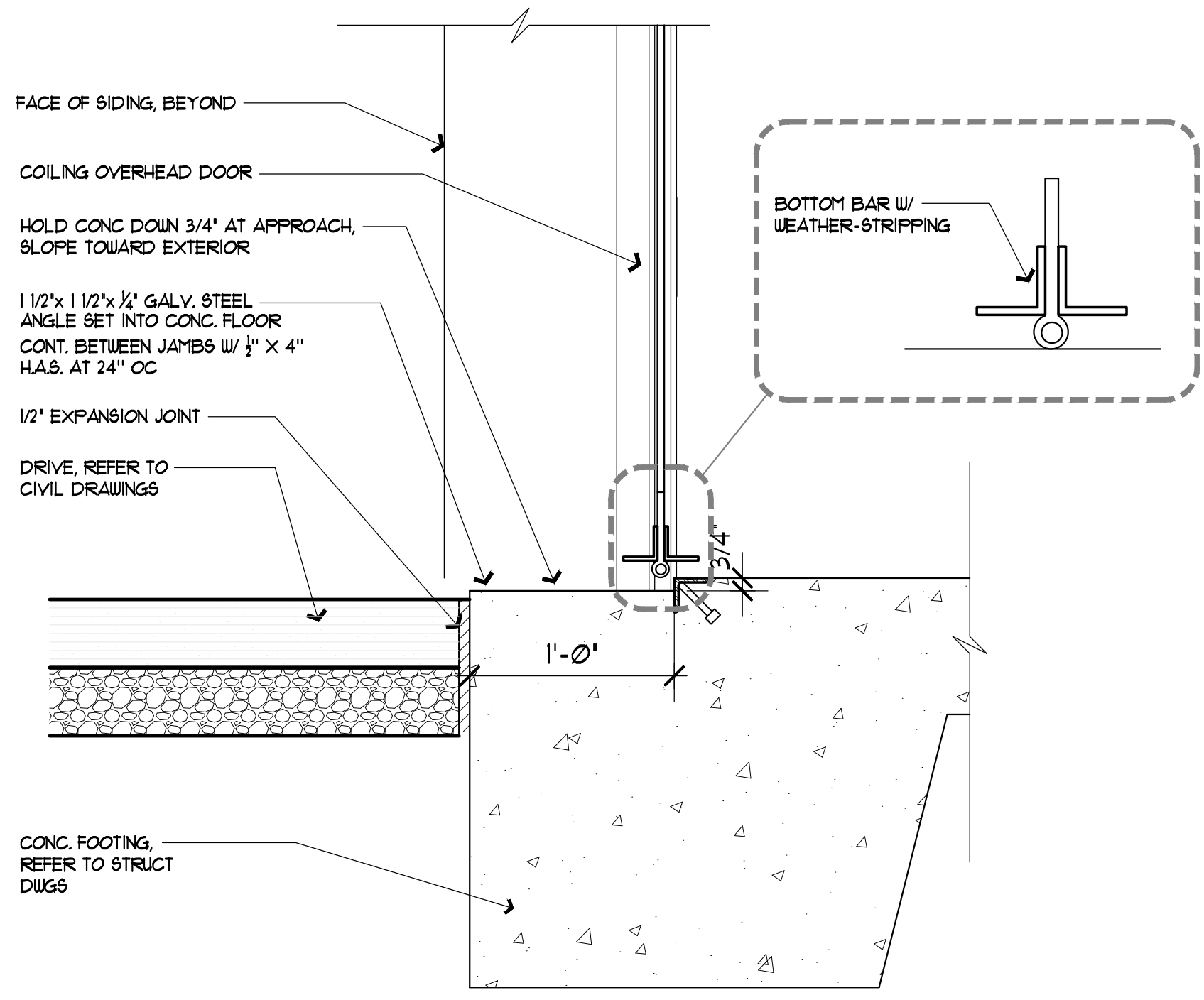
2 O.H. DOOR JAMB
 SCALE: 3/4" = 1'-0"



6A INTERIOR STAIR DETAIL
 SCALE: 1" = 1'-0"



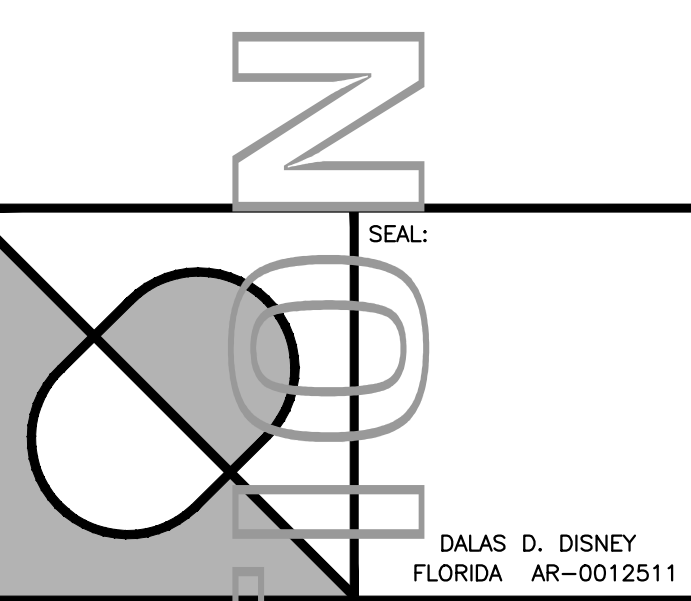
6B INTERIOR STAIR DETAIL
 SCALE: 1" = 1'-0"



3 O.H. DOOR SILL
 SCALE: 3/4" = 1'-0"

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NOTES:

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**City of Naples
Utilities Maintenance Bldg**

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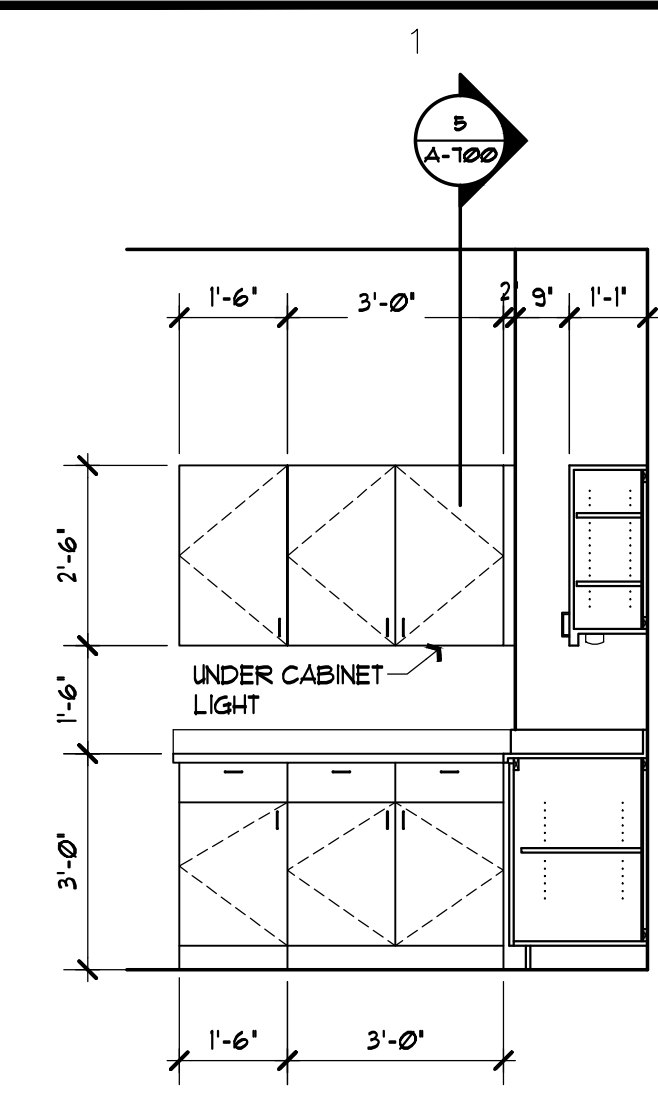
DATE: Nov 30, 2015
PROJECT NO: 15-581
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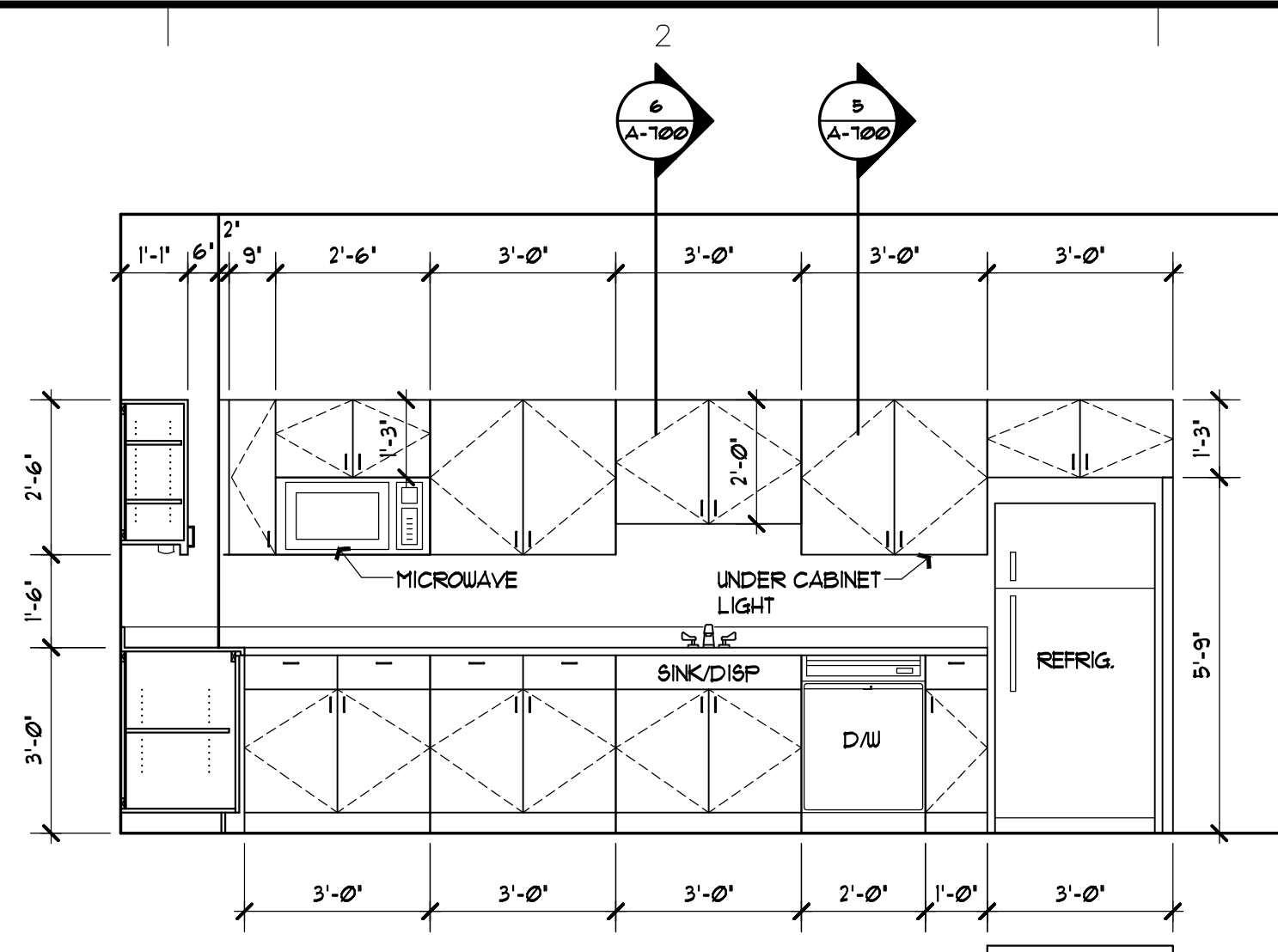
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SHEET TITLE:
Section Details

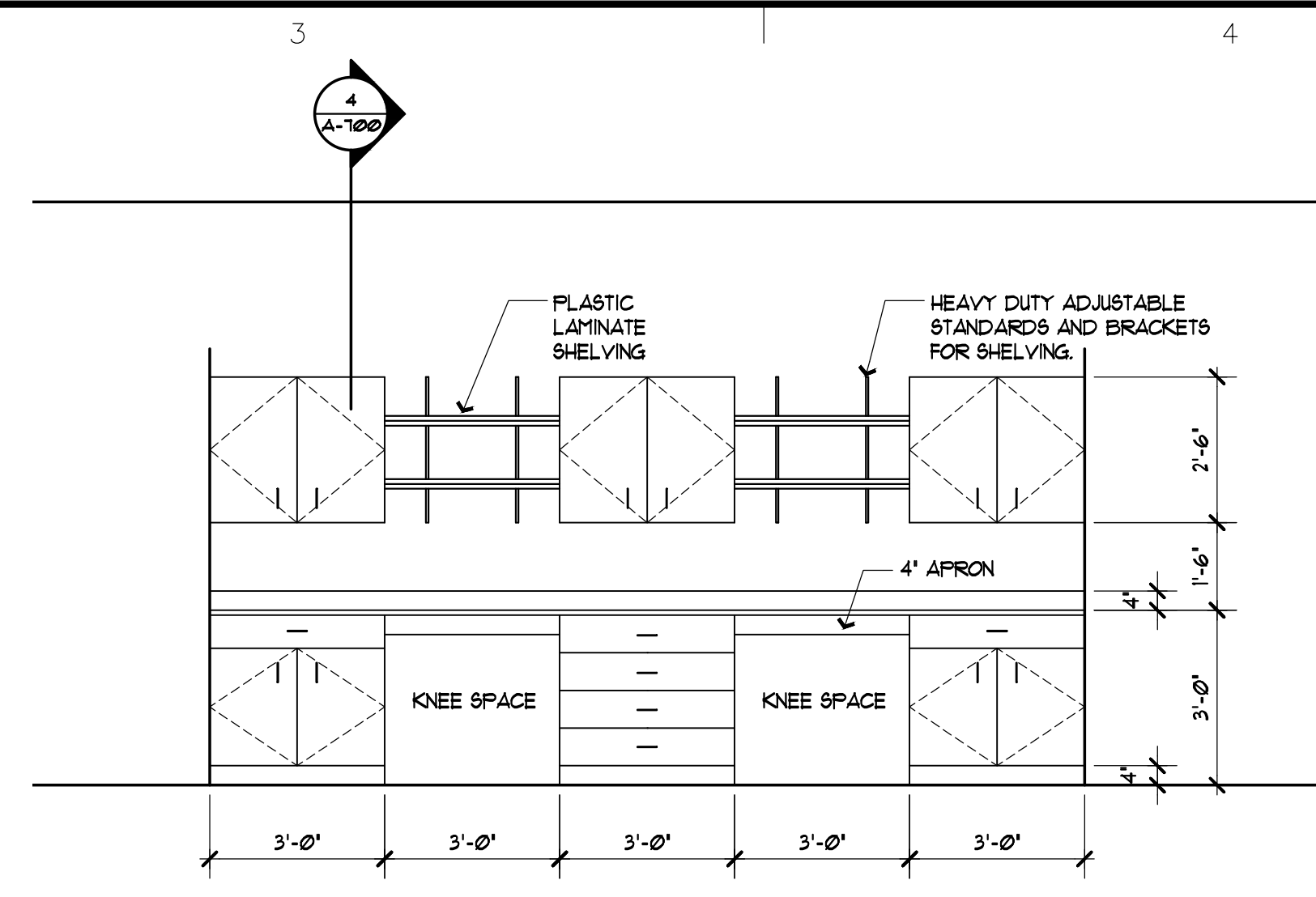
A-700



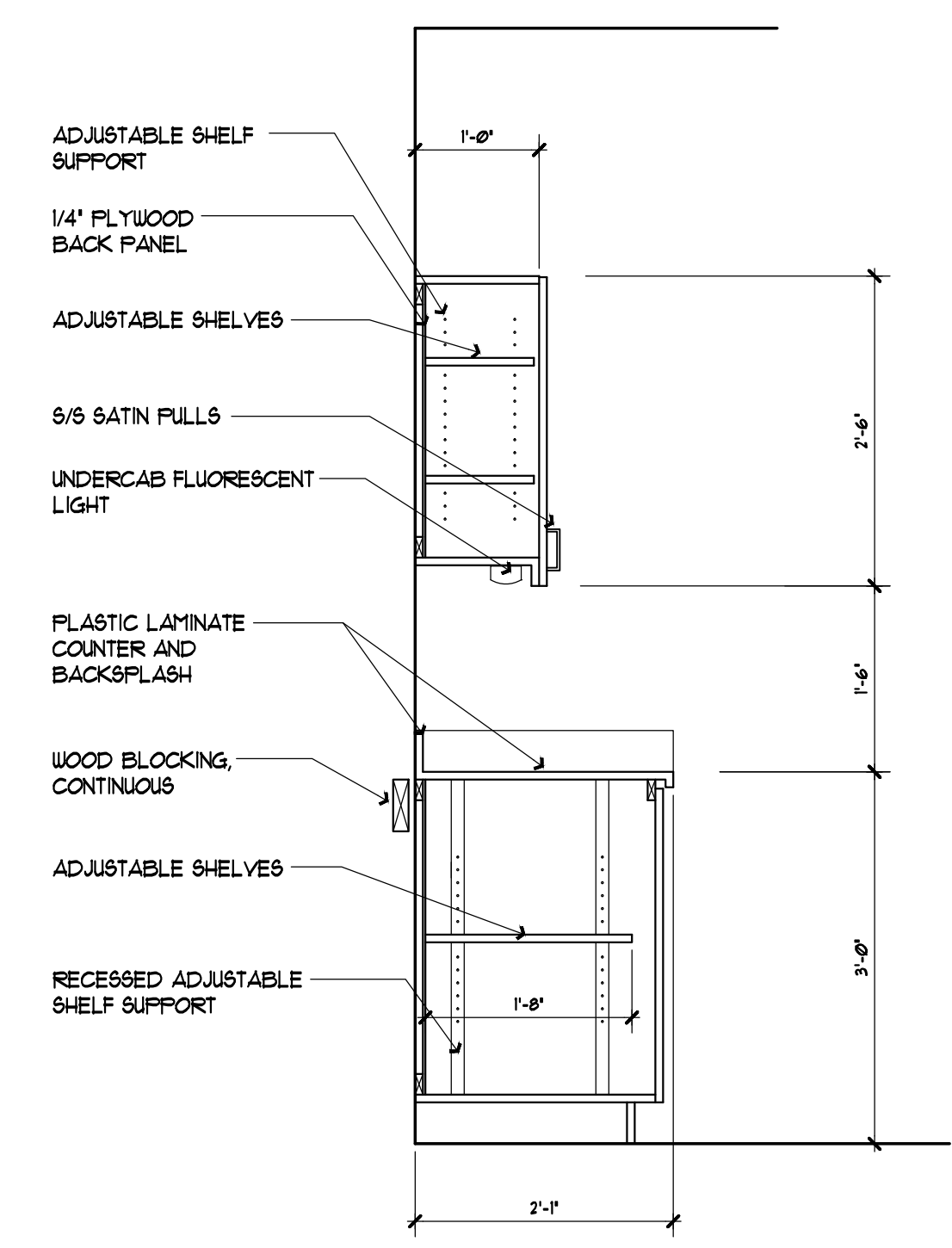
1 KITCHEN CABINETS
SCALE: 3/8" = 1'-0"



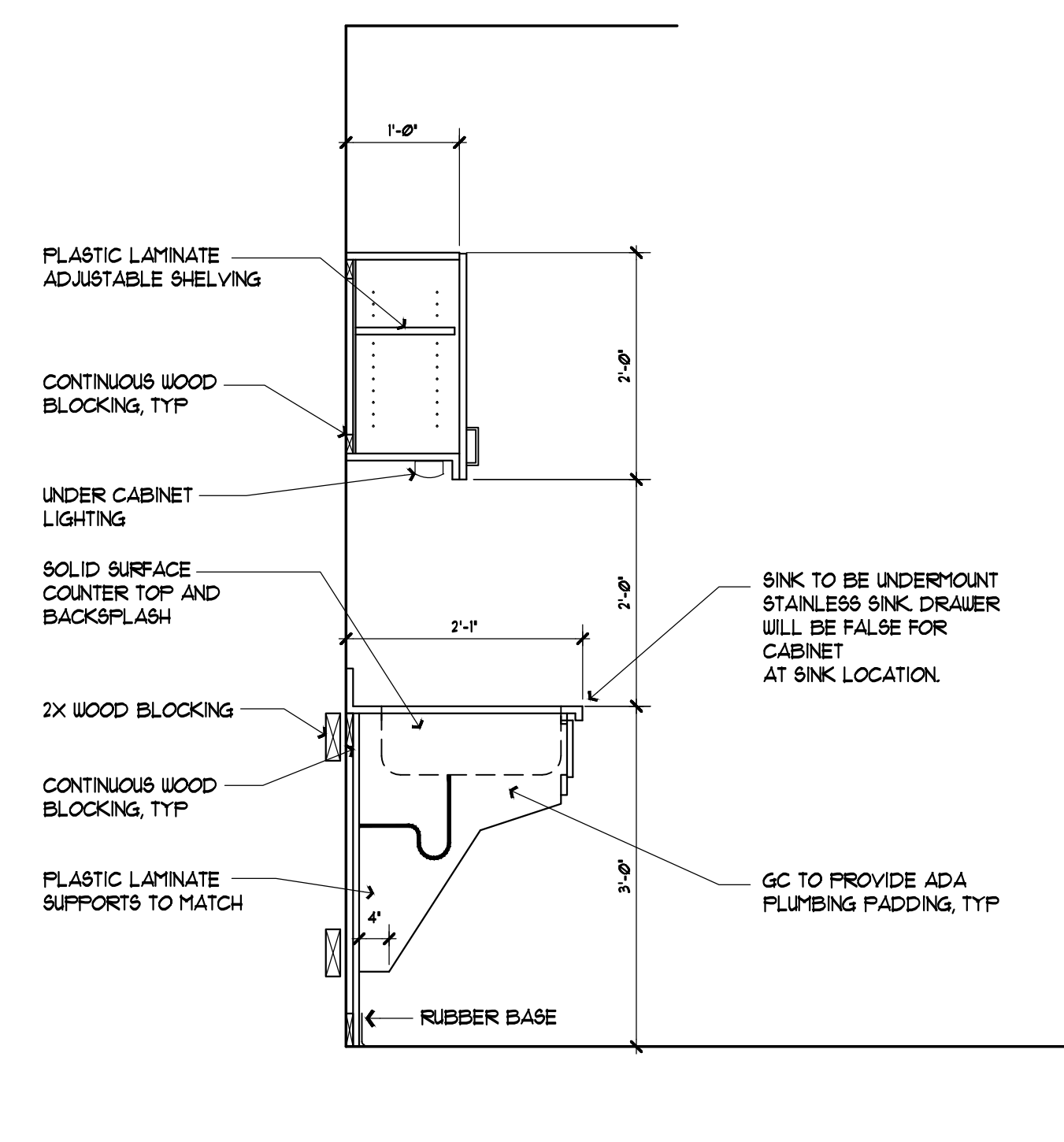
2 KITCHEN CABINETS
SCALE: 3/8" = 1'-0"



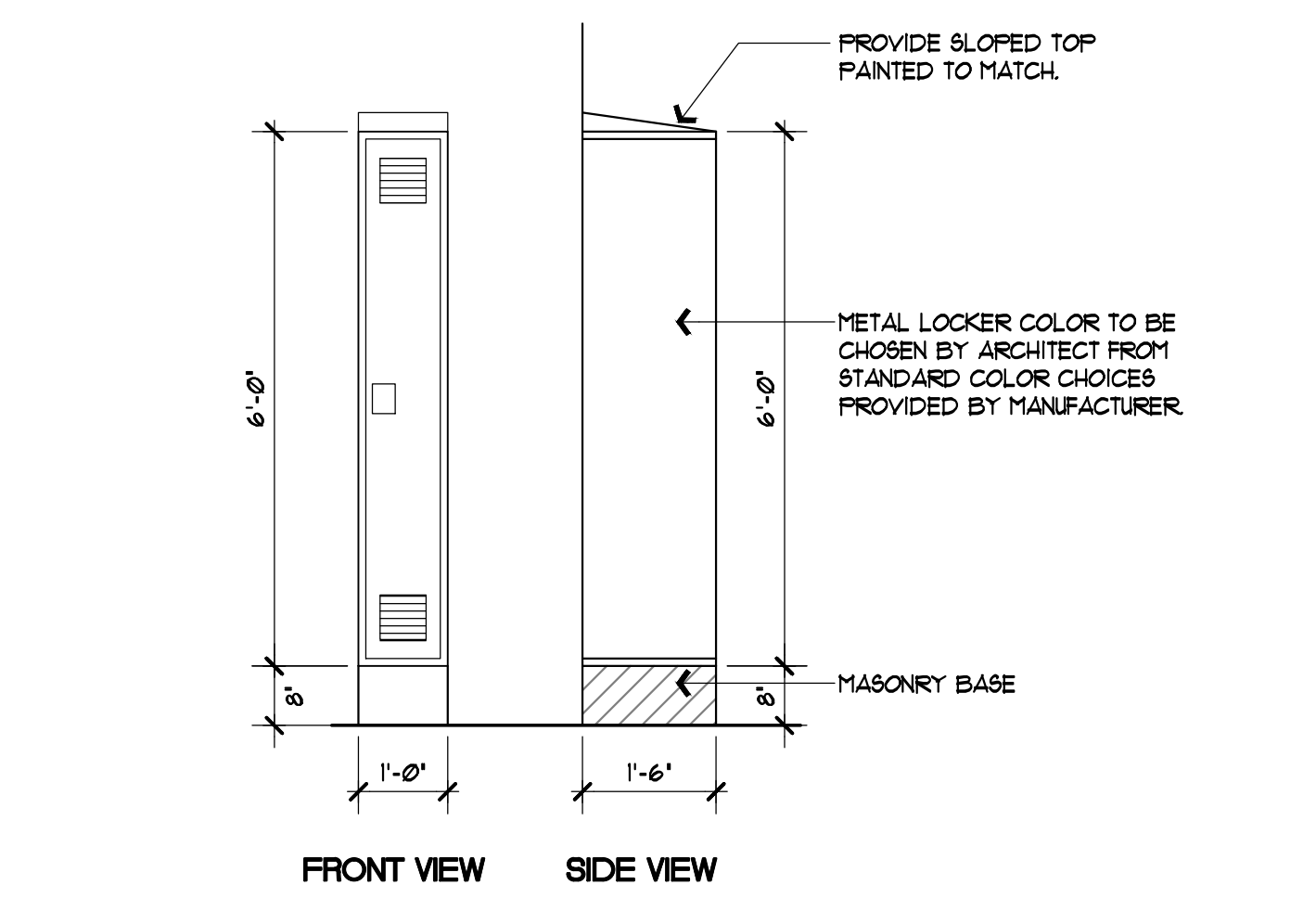
3 ROOM #104 CABINETS
SCALE: 3/8" = 1'-0"



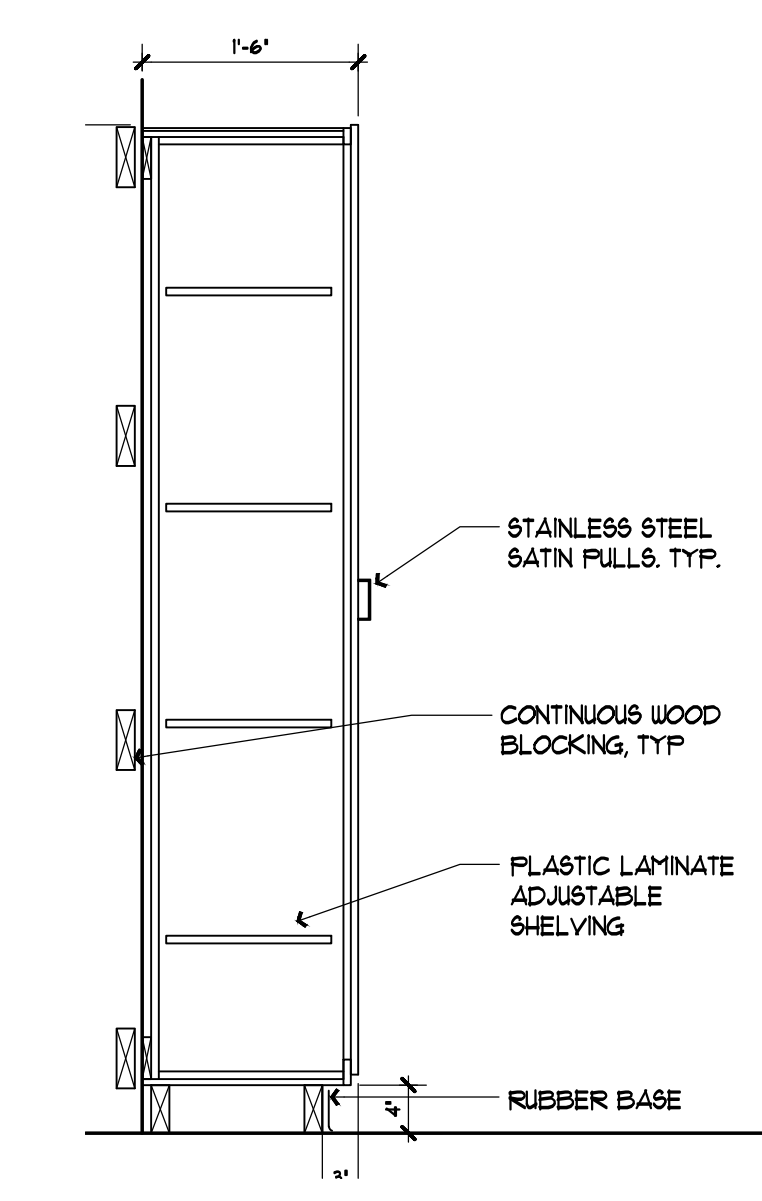
5 KITCHEN CABINET SECTION
SCALE: 3/4" = 1'-0"



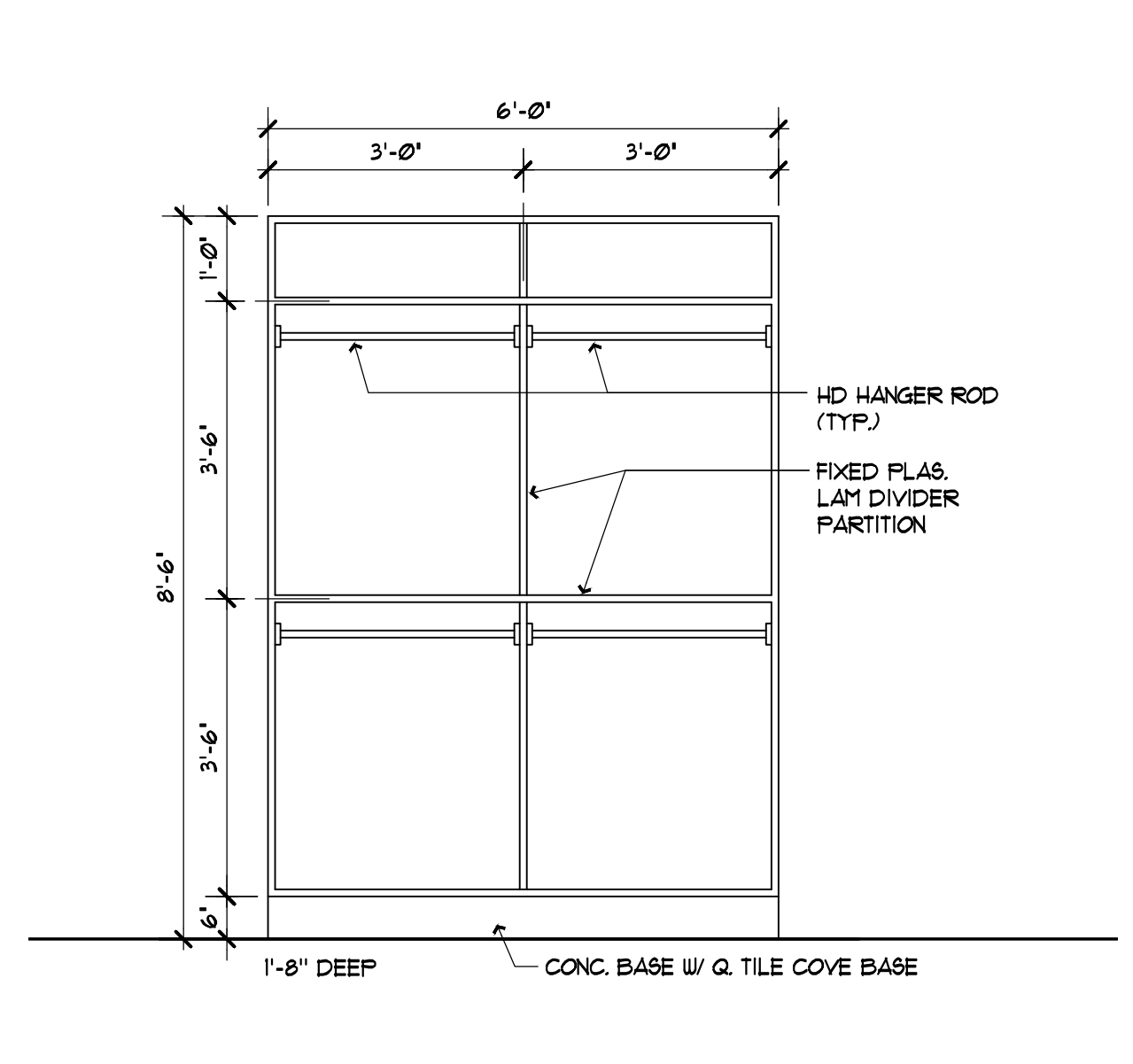
6 KITCHEN SINK SECTION
SCALE: 3/4" = 1'-0"



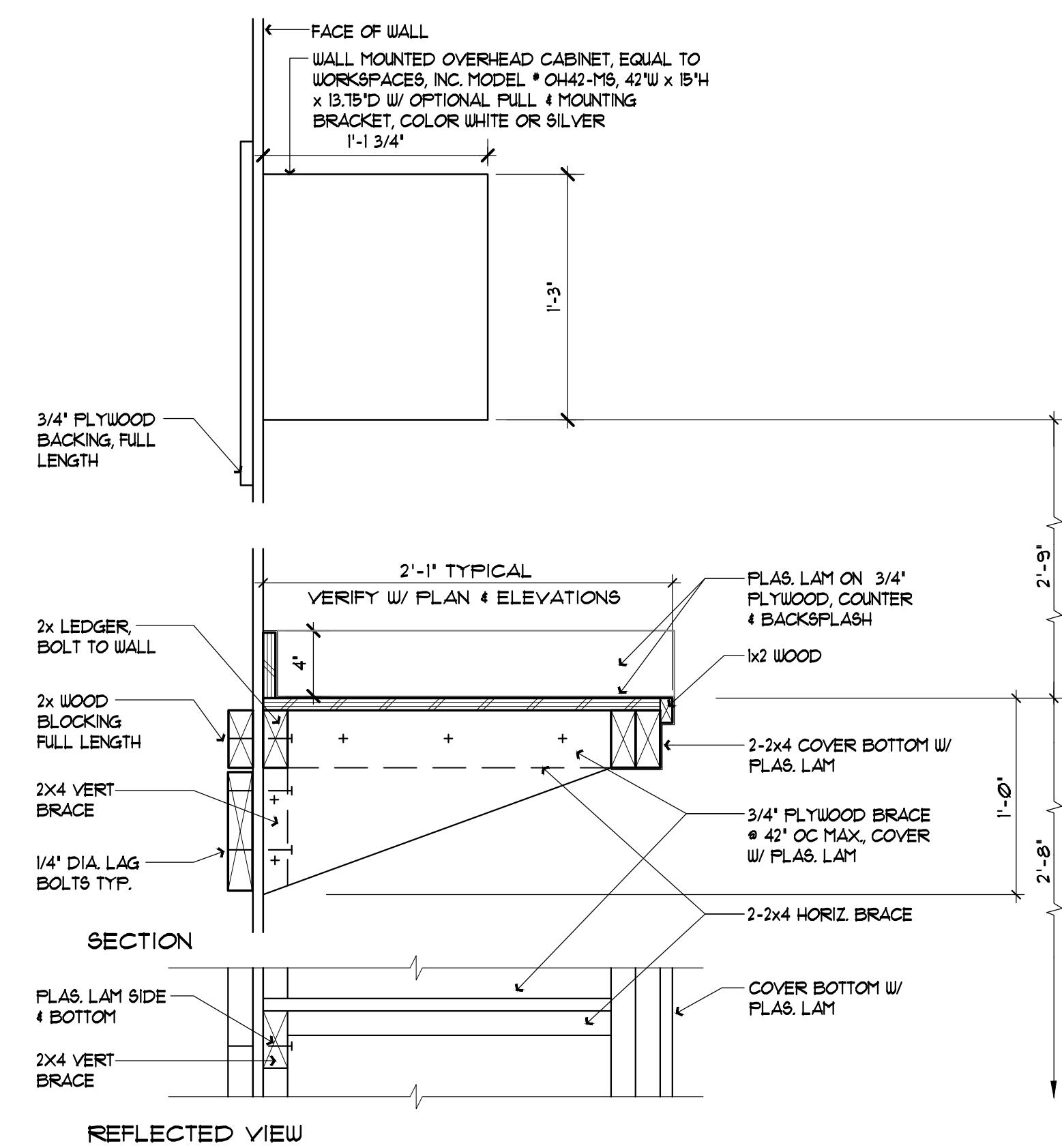
7 LOCKER DETAIL
SCALE: 1/2" = 1'-0"



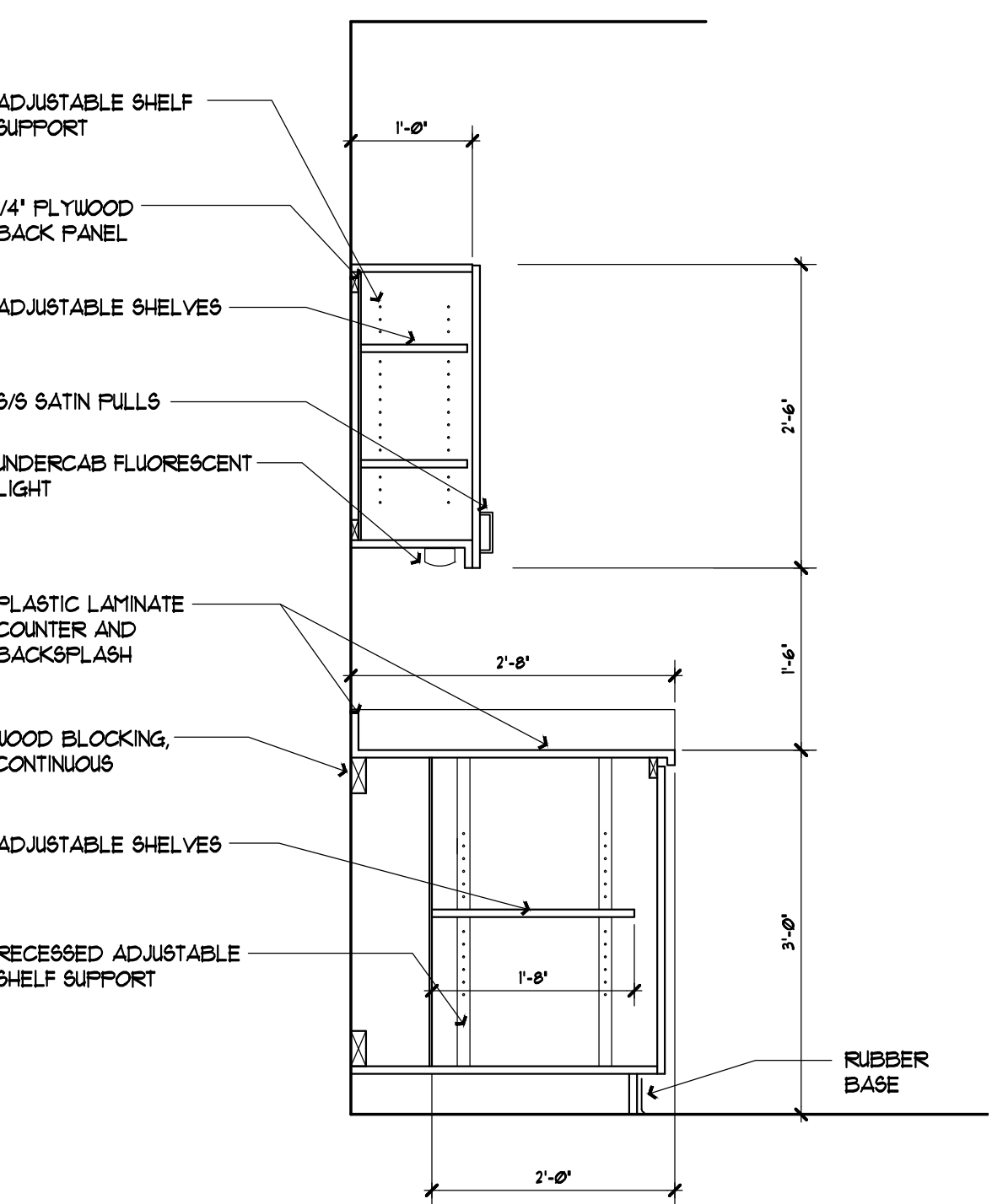
8 ROOM #106 CABINET SECTION
SCALE: 3/4" = 1'-0"



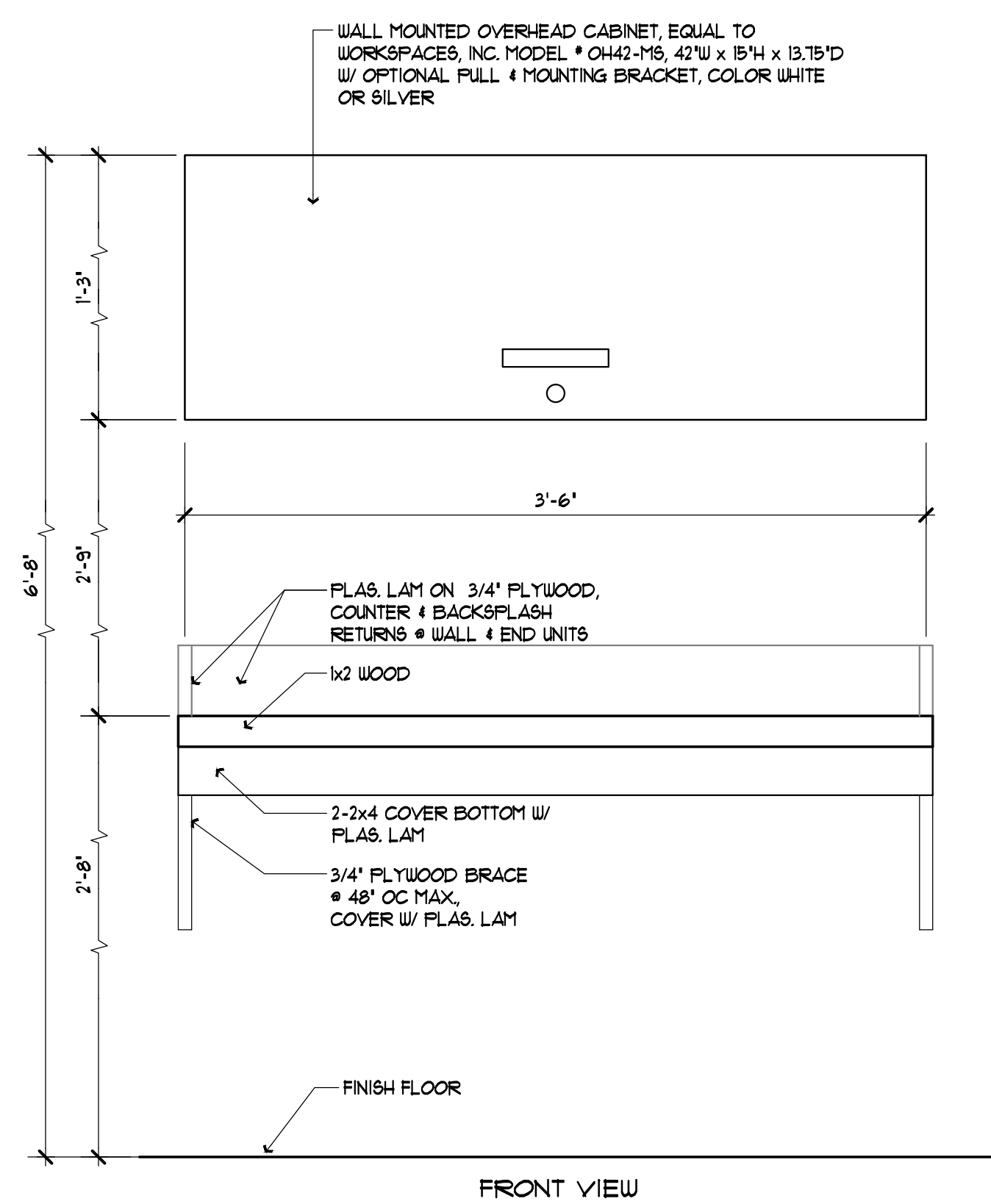
9 LOCKER ROOM HANGING RACK
SCALE: 1/2" = 1'-0"



10 DESK DETAIL TYPICAL
SCALE: 1-1/2" = 1'-0"



4 ROOM #104 CAB. SECTION
SCALE: 3/4" = 1'-0"



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CONSULTANTS:
Z
SEAL:
DALAS D. DISNEY
FLORIDA AR-0012511

ARCHITECTURAL SPECIFICATIONS
(See Project Manual for additional information and requirements)

- GENERAL - THE FOLLOWING CONDITIONS APPLY TO ALL DIVISIONS OF THE ARCHITECTURAL SPECIFICATIONS.
1. RELATED WORK
A. DOCUMENTS AFFECTING WORKS OF THIS SECTION INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, AND SECTIONS IN DIVISION I OF THESE SPECIFICATIONS.
2. SUBMITTALS
A. COMPLY WITH PERTINENT PROVISIONS OF EACH SECTION.
3. QUALITY ASSURANCE
A. USE ADEQUATE NUMBERS OF SKILLED WORKMAN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND THE METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK OF THIS SECTION.
4. DELIVERY, STORAGE, AND HANDLING
A. STORE AND HANDLE TO AVOID DAMAGE.
5. COMPLIANCE
A. ALL WORK SHALL BE PERFORMED IN A FIRST CLASS WORKMANLIKE MANNER.
B. COMPLY WITH ALL APPROPRIATE GOVERNMENTAL BUILDING CODES, STATE STATUTES, CITY ORDINANCES, AND MANUFACTURER'S TRADE ASSOCIATIONS AND TESTING LABORATORIES RECOMMENDATIONS AND PRINTED INSTRUCTIONS.
6. SHOP DRAWINGS, PRODUCT DATA AND SAMPLES
A. COMPLY WITH PERTINENT PROVISIONS OF EACH SECTION.
B. PROVIDE SHOP DRAWINGS AND SAMPLES FOR PRODUCTS & FABRICATIONS.
7. SURFACE CONDITIONS
A. EXAMINE THE AREAS AND CONDITIONS UNDER WHICH ANY WORK WILL BE PERFORMED. CORRECT CONDITIONS DETRIMENTAL TO TIMELY AND PROPER COMPLETION OF THE WORK. DO NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS ARE CORRECT.
8. PREPARATION FOR INSTALLATION
A. COORDINATE AS REQUIRED WITH OTHER TRADES TO ASSURE PROPER AND ADEQUATE PROVISIONS IN THE WORK OF THOSE TRADES FOR INTERFACE WITH THE WORK TO BE INSTALLED.
B. MAKE NECESSARY MEASUREMENTS IN THE FIELD TO ASSURE PROPER FIT OF SHOP FABRICATED ITEMS.
9. SPECIFICATION CONFLICTS
A. WHENEVER THERE IS A CONFLICT BETWEEN THE ARCHITECT AND ENGINEER'S SPECIFICATIONS, THE ENGINEER'S SPECIFICATION SHALL SUPERSEDE THE ARCHITECT'S REQUIREMENTS, UNLESS DIRECTED OTHERWISE BY THE ARCHITECT.
10. CLEANUP
A. KEEP THE PREMISES IN A NEAT, SAFE, AND ORDERLY CONDITION AT ALL TIMES DURING EXECUTION OF THIS PORTION OF THE WORK.

CASH ALLOWANCE

- CASH ALLOWANCE ARE ESTABLISHED AS A PART OF THIS BID AS FOLLOWS:
1. ALLOWANCE ARE FOR PRODUCT LISTED AND EXCLUDE INSTALLATIONS WHICH SHALL BE A PART OF THE BASE BID.
A. OWNER CONTINGENCY: \$25,000.

DIVISION 2

SECTION 02100 - DEMOLITION

- 1. DISMANTLE AND REMOVE REQUIRED MATERIALS FROM THE PROJECT SITE, IN A PROPER MANNER THAT COMPLIES WITH ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION. ALL ITEMS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN.
2. FOLLOWING IS A LIST OF ITEMS TO BE REMOVED FROM THE PROJECT SITE, THE ITEMS ARE NOT LIMITED TO LIST:
A) GUTTERS, DOWNSPOUTS, AND WATER DIVERTER
B) CONCRETE
C) MASONRY
D) STUCCO
E) DRYWALL
F) FLOOR COVERING AND BASE
G) UNSABLE EARTH
H) VEGETATION NOT TO BE TRANSPLANTED
I) METAL BUILDING

SECTION 02220 - FILL, EXCAVATING, GRADING AND COMPACTING

- 1. THE BUILDING AREA "FOOTPRINT", PLUS A MINIMUM OF 5 FEET BEYOND SHALL BE STRIPPED AND GRUBBED OF ALL SURFACE VEGETATION, DEBRIS, OR OTHER DELETERIOUS MATERIAL. THESE MATERIALS THAT ARE UNSUITABLE FOR USE SHALL BE REMOVED FOR THE PROJECT SITE.
2. THE CLEARED SURFACE IN CONSTRUCTION AREAS SHOULD BE PROOFROLLED USING THE APPROPRIATE COMPACTION EQUIPMENT FOR SITE AND SOIL CONDITIONS. ADJUST THE MOISTURE CONTENT OF THE SOIL, AS NECESSARY, TO AID COMPACTION. SUFFICIENT PASSES SHOULD BE MADE TO DEVELOP A MINIMUM DRY DENSITY OF 95 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557) TO A DEPTH OF 12-INCHES BELOW THE COMPACTED SURFACE. REPLACE ALL MATERIAL, IF DETERMINED TO BE DELETERIOUS, IN AREAS THAT "YIELD" DURING THE PROOFROLLING OPERATION AND REPLACE WITH SUITABLE FILL MATERIAL CONFORMING TO THAT STATED IN ITEM 4.
3. AFTER SATISFACTORY PROOFROLLING OF THE CLEARED SURFACE IN ACCORDANCE WITH THE ABOVE, FILING WITH SUITABLE MATERIAL MAY PROCEED. FILL MATERIAL SHOULD CONFORM TO THAT STATED IN ITEM 4 BELOW. THE FILL SHOULD BE PLACED IN LEVEL LIFTS NOT EXCEEDING 12 INCHES IN UNCOMPACTED THICKNESS. EACH LIFT SHOULD BE COMPACTED BY REPEATED PASSES WITH APPROPRIATE COMPACTION EQUIPMENT TO ACHIEVE AT LEAST 95 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557). THE FILLING AND COMPACTION OPERATIONS SHOULD CONTINUE UNTIL THE DESIRED ELEVATION(S) IS ACHIEVED.
4. FILL MATERIAL SHALL CONSIST OF CLEAN TO SLIGHTLY SILTY OR CLAYEY FINE SANDS, FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS, WITH LESS THAN 12 PERCENT PASSING THE U.S. SIEVE NO. 200.

- 5. EXCAVATE THE CONTINUOUS WALL FOOTING LINES AND/ OR COLUMN FOOTINGS TO THE PROPOSED BOTTOM OF FOOTING ELEVATION AND, THEREAFTER VERIFY THE IN-PLACE COMPACTION. IF NECESSARY, COMPACT THE BOTTOM OF THE EXCAVATIONS TO ACHIEVE A MINIMUM DRY DENSITY OF 95 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557). THIS DENSITY SHOULD BE DEVELOPED TO A MINIMUM DEPTH OF 12" BELOW TO BOTTOM OF THE FOOTINGS. OVEREXCAVATE AND RECOMPACT, AS NECESSARY, TO FULFILL THE ABOVE COMPACTION CRITERIA. THE MOISTURE CONTENT OF THE FOUNDATION SOILS MUST BE CONTROLLED DURING THE COMPACTION PROCEDURE TO AID COMPACTION.
6. PROVIDE MINIMUM OF 2 SOIL DENSITY TESTS TAKEN AT EACH LIFT AND BOTTOM OF FOUNDATION BY A FLORIDA REGISTERED ENGINEER. MINIMUM OF THREE COPIES OF THE TEST REPORTS SHALL BE DELIVERED TO THE ARCHITECT.

SECTION 02280 - TERMITES CONTROL

- 1. PROVIDE SOIL POISONING TO CONTROL SUBTERRANEAN TERMITES AS SPECIFIED HEREIN AND NEEDED FOR A COMPLETE AND PROPER TREATMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. PERFORM THE WORK AND IN ACCORDANCE WITH ALL GOVERNMENTAL AND SAFETY REGULATIONS PERTAINING TO THE WORK OF THIS SECTION.
2. USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND THE METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK OF THIS SECTION.
3. QUALIFICATIONS OF SUBCONTRACTORS:
A. PROPERLY LICENSED BY GOVERNMENTAL AGENCIES TO PROVIDE SUCH SERVICES.
B. NOT LESS THAN FIVE(5) YEARS SUCCESSFUL EXPERIENCE IN SOIL TREATMENT.
C. USE PROPER APPROVED CHEMICALS AND EQUIPMENT FOR APPLICATION OF THE WORK.
4. IF CONCRETE SLABS CANNOT BE PLACED OVER THE SOIL THE SAME DAY IT HAS BEEN TREATED, A VAPOR BARRIER SHALL BE PLACED OVER THE TREATED SOIL TO PREVENT DISTURBANCE OF THE TERMITICIDE BARRIER. IF SOIL IS DISTURBED AFTER TREATMENT OR HEAVY RAIN OCCURS, RETREAT DISTURBED AREAS.

SECTION 02600 - CONCRETE RAMP AND EQUIPMENT PADS

- 1. RAMPS AND EQUIPMENT PADS SHALL BE 3000 PSI DESIGN STRENGTH 4 INCH THICK CONCRETE ON CLEAN COMPACTED EARTH.
2. RAMP TO SLOPE MAXIMUM OF 1/2 SLOPE AND HAVE A NON-SLIP SURFACE. RAMP TO BE A MINIMUM OF 48" WIDE.

DIVISION 3

SECTION 03100 - CONCRETE FORMWORK

- 1. WORK INCLUDED
A. PROVIDE FORMWORK IN ACCORDANCE WITH PROVISIONS OF THIS SECTION FOR CAST-IN-PLACE CONCRETE SHOWN ON THE DRAWINGS OR REQUIRED BY OTHER SECTIONS OF THESE SPECIFICATIONS.
2. USE ONLY FORMS THAT ARE IN GOOD CONDITION. REMOVE FROM THE JOB SITES ANY FORM MATERIAL THAT IS NOT SUITABLE FOR NEAT AND TRUE FORMWORK AND/OR IS NOT CONSIDERED ACCEPTABLE BY THE ARCHITECT. MATERIALS MAY BE REUSED DURING PROGRESS OF THE WORK, PROVIDED THEY ARE COMPLETELY CLEANED AND RECONDITIONED, RECOATED OR EACH USE AND, CAPABLE OF PRODUCING FORMWORK OF REQUIRED QUALITY.
3. SIDE FORM FOR FOOTINGS SHALL BE MINIMUM 2 X 10 FORMS AT UPPER EXTERIOR CONCRETE SURFACE.
4. DO NOT DISTURB OR REMOVE FORMS UNTIL CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT FORM REMOVAL WITH COMPLETE SAFETY.

SECTION 03200 - CONCRETE REINFORCEMENT

- 1. PROVIDE REINFORCING IN ACCORDANCE WITH PROVISIONS OF THIS SECTION FOR CAST-IN-PLACE CONCRETE SHOWN ON THE DRAWINGS OR REQUIRED BY OTHER SECTIONS OF THESE SPECIFICATIONS.
2. PROVIDE DEFORMED BILLET STEEL BARS COMPLYING WITH ASTM A618, LATEST EDITION.
3. ALL REINFORCING SHALL BE GRADE 60, EXCEPT WHERE USED IN FILLED BLOCK CELLS, FILASTERS, OPENING HEADERS, AND THE BEAM'S REINFORCING MAY BE GRADE 40 UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS.
4. WELDED WIRE FABRIC:
A. PROVIDE WELDED STEEL, COMPLYING WITH ASTM A188, LATEST EDITION.
5. MAINTAIN A MINIMUM OF THREE (3) INCHES CONCRETE COVERAGE WHERE CONCRETE IS TO BE PLACED ON GRADE.

SECTION 03300 - CAST-IN-PLACE CONCRETE

- 1. PROVIDE CAST-IN-PLACE CONCRETE, INCLUDING FORMWORK AND REINFORCEMENT, WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
2. CONCRETE SHALL BE TRANSIT READY MIX WITH MINIMUM 3000-PSI COMPRESSIVE STRENGTH AT 28 DAYS.
3. DO NOT USE CONCRETE THAT HAS STOOD FOR OVER 30 MINUTES AFTER LEAVING THE MIXER, OR CONCRETE THAT IS NOT PLACED WITHIN 90 MINUTES AFTER WATER IS FIRST INTRODUCED INTO THE MIX.
4. PROVIDE 1/2" THICK ASPHALT IMPREGNATED PREMOLDED EXPANSION JOINT FILLERS IN THE SIDEWALK WHERE THE WALK ABUTS ANOTHER CONCRETE SLAB AND AT INTERMEDIATE AREAS SUCH THAT NO SPACE BETWEEN JOINTS EXCEEDS 15 FEET. PROVIDE 30# ROOFING FELT BETWEEN BUILDING WALLS & SIDEWALK.
5. PROVIDE CRACK CONTROL JOINTS SPACED EQUAL AND NOT TO EXCEED 5 FEET BETWEEN JOINTS. CRACK CONTROL JOINTS SHALL BE SAW CUT 1" INCHES DEEP.
6. SIDEWALK EDGES SHALL BE TOOLED TO A RADIUS AND SURFACE 3/8" FEEL TOUÉL FINISHED BROOMED FOR A SURFACE NON-SLIP TEXTURE.
7. ALL EXTERIOR CONCRETE SLABS SHALL SLOPE A MINIMUM OF 3/8" PER FOOT IN THE DIRECTION OF SURFACE DRAINAGE.
8. APPLY CURING COMPOUND TO CONCRETE SURFACES IMMEDIATELY AFTER FINISHING.

DIVISION 5

SECTION 05100 - METAL FABRICATION

- 1. PROVIDE ALUMINUM EXTRUDED AND PLATE SECTIONS AND OTHER ITEMS REQUIRED FOR FABRICATION AND INSTALLATION AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN, AND NEED FOR A COMPLETE AND PROPER INSTALLATION.
A. TYPES OF ALUMINUM ALLOYS:
1. STRUCTURAL TUBING AND PLATES - 6063-T5
2. SCREEN ENCLOSURE MATING SECTIONS AND SHEET METAL - 6063.
B. APPLICATION OF ALUMINUM SECTIONS:
1. COLUMNS AND PLATES - TUBING AND PLATES.
2. ROOF BEAM AND RAFTERS - SCREEN ENCLOSURE MATING SECTION.
3. RAFTER TO BEAM CONNECTIONS - 1/8" THICK ALUMINUM CHANNELS AND STRAPS.
2. PROVIDE STEEL PLATE AND ANGLE SECTIONS AND OTHER ITEMS REQUIRED FOR FABRICATION AND INSTALLATION OF STEEL ANCHOR ASSEMBLIES AS SHOWN ON THE DRAWINGS, SPECIFIED HEREIN AND NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
A. STEEL PLATES, SHAPES AND BARS - ASTM A36
B. PROVIDE REQUIRED BOLTS, SHIMS AND WASHERS HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A53.
C. SHOP PAINT - USE "10-99 THINMEC PRIMER" OR "RUSTOLEUM 5163 PRIMER"
3. WELDING SHALL BE PERFORMED BY LICENSED AND CERTIFIED ALUMINUM AND STEEL WELDERS. GRIND WELL SMOOTH TOUCH-UP STEEL WELDS AFTER INSTALLATION.

SECTION 04220 - CONCRETE UNIT MASONRY

- 1. PROVIDE CONCRETE UNIT MASONRY WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
2. PROVIDE STANDARD WEIGHT HOLLOW LOAD-BEARING CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90, GRADE N, TYPE I, IN COLOR "NATURAL GRAY".
3. DIMENSIONS:
A. PROVIDE UNITS OF THE DIMENSIONS SHOWN ON THE DRAWINGS.
B. WHERE DIMENSIONS ARE NOT SHOWN ON THE DRAWINGS, PROVIDE UNITS HAVING NOMINAL FACE DIMENSIONS OF 16" LONG BY 8" HIGH BY THE DEPTH SHOWN OR OTHERWISE REQUIRED.
4. PROVIDE BULLNOSE UNITS AT ALL EXPOSED EXTERIOR CORNERS.
5. PROVIDE NECESSARY SHAPES AS INDICATED OR OTHERWISE REQUIRED.
6. MORTAR -
A. STANDARD - FLORIDA SUPER MASONRY CEMENT.
B. AGGREGATE: SAND SHALL MEET THE REQUIREMENTS OF ASTM C144. USE SAND FROM MINES OF STANDARD SAND AND SILICA AT DAVENPORT, FLORIDA.
C. TYPE: MORTAR SHALL BE TYPE "M" OR "S".

- 1. PERFORM GROUTING IN STRICT ACCORDANCE WITH THE PROVISIONS OF THE GOVERNING BUILDING CODE AND THESE SPECIFICATIONS:
A. SOLIDLY FILL VERTICAL CELLS CONTAINING REINFORCEMENT WITH PUMP GRADE CONCRETE MIX FOR A 2" DIAMETER PUMP. CONCRETE GROUT SHALL BE MINIMUM COMPRESSION STRENGTH OF 3,000 PSI.
B. MASONRY WALLS SHALL CURE AT LEAST THREE DAYS TO GAIN STRENGTH BEFORE GROUTING.
C. CONSOLIDATE GROUT AT TIME OF POUR BY PLUDDING WITH A MECHANICAL VIBRATOR, FILLING ALL CELLS OF THE MASONRY WHICH REQUIRE FILLING.
D. TAP THE FORM COVERING THE INSPECTION OPENINGS WITH A HAMMER DURING THE FILLING OF THE CELL WITH CONCRETE GROUT.
E. WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, THE GROUT SHALL BE STOPPED 1/2" BELOW THE UPPERMOST UNIT.
F. GROUT SHALL BE POURED IN LIFTS NOT TO EXCEED 8 FEET MAXIMUM.
G. GROUT SHALL BE IN ACCORDANCE WITH ASTM C416.

- 8. INSTALLATION
A. DO NOT COMMENCE INSTALLATION OF THE WORK OF THIS SECTION UNTIL HORIZONTAL AND VERTICAL ALIGNMENT OF FOUNDATION IS WITHIN 1" OF PLUMB AND THE LINES SHOWN ON THE DRAWINGS.
B. LAY ONLY DRY MASONRY UNITS.
C. USE MASONRY SAWS TO CUT AND FIT MASONRY UNITS.
D. SET UNITS PLUMB, TRUE TO LINE, AND WITH LEVEL COURSES ACCURATELY SPACED.
E. CLEAN THE TOP SURFACE OF FOUNDATION FREE FROM DIRT, DEBRIS, AND LANTANCE, AND EXPOSE THE AGGREGATE PRIOR TO START OF INSTALLING FIRST COURSE.
F. ACCURATELY FIT THE UNITS TO PLUMBING, DUCTS, OPENINGS, AND OTHER INTERFACES, NEATLY PATCHING ALL HOLES.
G. KEEP THE WALLS CONTINUALLY CLEAN, PREVENTING GROUT AND MORTAR STAINS. IF GROUT DOES RUN OVER, CLEAN IMMEDIATELY.
H. KEEP THE SAND SUPPLY COVERED WHEN NOT IN USE TO MAINTAIN UNIFORM MOISTURE CONTENT FOR JOB SITE MORTAR MIXING.

- 1. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, PROVIDE RUNNING BOND WITH VERTICAL JOINTS LOCATED AT CENTER OF MASONRY UNITS IN THE COURSE BELOW.
J. DO NOT USE CHIPPED OR BROKEN UNITS.
K. LAYING UP:
1. PLACE UNITS IN MORTAR WITH FULL SHOVED BED AND HEAD JOINTS.
2. ALIGN VERTICAL CELLS OF HOLLOW UNITS TO MAINTAIN A CLEAR AND UNOBSTRUCTED SYSTEM OF FLUES.
3. HOLD RACKING TO AN ABSOLUTE MINIMUM.
4. PROVIDE CLEANOUTS AT THE BOTTOM OF EACH CELL OF HOLLOW UNITS AT VERTICAL REINFORCING FOR REMOVING MORTAR DROPPINGS. DO NOT CLOSE THE CLEANOUTS UNTIL THEY HAVE BEEN INSPECTED AND APPROVED BY THE BUILDING OFFICIAL.
L. REINFORCEMENT:
1. PROVIDE VERTICAL REINFORCEMENT AS SHOWN ON THE DRAWINGS, FULLY EMBEDDED IN GROUT AND NOT IN MORTAR OR MORTAR JOINTS.
2. PROVIDE REQUIRED METAL ACCESSORIES TO ENSURE ADEQUATE ALIGNMENT OF STEEL DURING GROUT FILLING OPERATIONS.
3. JOINT REINFORCEMENT: ASTM A82, LADUR TYPE MASONRY WALL REINFORCEMENT WITH DEFORMED GALVANIZED CONTINUOUS NO. 8 SIDE RODS AND NO. 9 CROSS RODS AS MANUFACTURED BY DUR-O-WALL, INC., OR EQUAL APPROVED BY THE ARCHITECT. INSTALL IN EVERY SECOND COURSE.
4. BENDING: ACI 318.
M. TOOLING:
1. TOOL EXPOSED JOINTS TO A SMOOTH SURFACE WITH A "CONCAVE" PATTERN, UNLESS OTHERWISE NOTED.

SECTION 05400 - METAL FRAMING SYSTEMS

- GENERAL
1. SUMMARY
A. PROVIDE LIGHT GAUGE METAL EXTERIOR WALL FRAMING, ROOF FRAMING AND ACCESSORIES AS INDICATED ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
B. RELATED WORK:
DOCUMENTS AFFECTING WORK OF THIS SECTION INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, AND SECTIONS IN DIVISION I OF THESE SPECIFICATIONS.
2. SUBMITTALS
A. COMPLY WITH PERTINENT PROVISIONS OF SECTION 05340.
B. PRODUCT DATE - SUBMIT TO THE OWNER THE FOLLOWING WHEN REQUIRED:
1. MATERIALS LIST OF ITEMS PROPOSED TO BE PROVIDED UNDER THIS SECTION.
2. MANUFACTURER'S SPECIFICATIONS AND OTHER DATA NEEDED TO PROVE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
3. MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES WHICH, WHEN APPROVED BY THE ENGINEER, WILL BECOME THE BASIS FOR ACCEPTING OR REJECTING ACTUAL INSTALLATION PROCEDURES USED ON THE WORK.
3. QUALITY ASSURANCE
A. USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND THE METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK OF THIS SECTION.
B. IN ADDITION TO COMPLYING WITH PERTINENT CODES AND REGULATIONS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION, COMPLY WITH PERTINENT RECOMMENDATIONS CONTAINED IN SPECIFICATIONS FOR METAL LATHING AND FURRING PUBLISHED BY THE METAL LATH/STEEL FRAMING ASSOCIATION.

- 4. DELIVERY, STORAGE, AND HANDLING:
A. COMPLY WITH PERTINENT PROVISIONS OF SECTION 06120.
PRODUCTS
5. METAL STUDS AND ACCESSORIES
A. METAL STUDS AND ACCESSORIES ARE TO MEET OR EXCEED MINIMUM REQUIREMENTS OF FED SPEC QQ-5-639 AND FED SPEC QQ-5-T15D, CLASS D, FOR THE ITEM AND USE INTENDED.
1. AT EXTERIOR METAL STUD FRAMING, SEE THE DRAWINGS FOR GENERAL FRAMING LAYOUT AND SIZES, EXTERIOR METAL STUD FRAMING IS TO BE DESIGNED BY SUPPLIER SEE STRUCTURAL DRAWINGS FOR ADDITIONAL DESIGN AND SUBMITTAL REQUIREMENTS.
2. AT MASONRY WALLS TO RECEIVE GYPSUM BOARD FINISH INSTALL 26 GAUGE HOT DIPPED GALVANIZED STEEL 12" FURRING 2" IN DEPTH. INSTALL VERTICALLY 16" O.C.
3. SEE DRAWINGS FOR ADDITIONAL INFORMATION.
6. METAL ROOF FRAMING:
A. THE SUPPLIER SHALL DESIGN ALL METAL FRAMING MEMBERS. SEE STRUCTURAL DRAWINGS, FOR DESIGN AND SUBMITTAL REQUIREMENTS.
7. ACCESSORIES
A. PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT NECESSARILY LIMITED TO TRACKS, CLIPS, ANCHORS, FASTENING DEVICES, AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AND AS RECOMMENDED BY THE MANUFACTURER OF THE STEEL STUDS USED.
8. GRADE
A. ALL GALVANIZED 18 AND 20 GAUGE STRUCTURAL FRAMING, TRACK, BRIDGING, END CLOSURES AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF ASTM A653, AQ GRADE 33, WITH A MINIMUM YIELD OF 33,000 PSI.
9. GALVANIZING
A. ALL FRAMING MEMBERS SHALL BE FORMED FROM STEEL HAVING A G-60 GALVANIZED COATING OR EQUIVALENT, MEETING ASTM A653 AND C355.
10. MANUFACTURERS
A. DALE/INCORE INDUSTRIES, NATIONAL GYPSUM COMPANY, GOLD BOND BUILDING PRODUCTS, UNIMAT, INC., OR US&G CORPORATION.
11. GROUT
A. PROVIDE A GOOD GRADE OF COMMERCIAL CEMENT LEVELING COMPOUND FOR LEVELING THE FLOOR RUNNER MEMBER OF STEEL STUD PARTITIONS AS REQUIRED.
12. FABRICATION
A. FRAMING COMPONENTS MAY BE PRE-ASSEMBLED INTO PANELS PRIOR TO ERECTING. PREFABRICATED PANELS SHALL BE SQUARE WITH COMPONENTS ATTACHED IN A MANNER AS TO PREVENT RACKING.
B. ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS, OR AS REQUIRED FOR AN ANGULAR FIT AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.
C. PROVIDE INSULATION EQUAL TO THAT SPECIFIED ELSEWHERE IN ALL DOUBLE HEADER MEMBERS WHICH WILL NOT BE ACCESSIBLE TO THE INSULATION CONTRACTOR.
EXECUTION
13. SURFACE CONDITIONS
A. EXAMINE THE AREAS AND CONDITIONS UNDER WHICH WORK OF THIS SECTION WILL BE PERFORMED. CORRECT CONDITIONS DETRIMENTAL TO TIMELY AND PROPER COMPLETION OF THE WORK. DO NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED.
14. INSTALLATION
A. ACCURATELY LAYOUT WALL LINES FROM THE DIMENSIONS SHOWN ON THE DRAWINGS. INSTALL METAL FRAMING.
B. INSTALL METAL FRAMING STUDS AND ACCESSORIES IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, ANCHORING ALL COMPONENTS FIRMLY INTO POSITION.
C. ALIGN ALL ASSEMBLIES TO A TOLERANCE OF ONE IN 2000 HORIZONTALLY AND ONE IN 500 VERTICALLY.
D. COORDINATION
1. SPACE THE STUDS AS REQUIRED FOR COMPLIANCE WITH PERTINENT REGULATIONS, TO GIVE PROPER SUPPORT FOR THE COVERING MATERIAL, AND AS INDICATED ON THE DRAWINGS.
2. COORDINATE AND PROVIDE REQUIRED BACKING AND OTHER SUPPORT FOR ITEMS TO BE MOUNTED ON THE FINISHED COVERING.
3. COORDINATE REQUIREMENTS FOR PIPES, GRILLES, DUCTS, SCAFFERS AND OTHER ITEMS.
4. BRACE ALL WALLS TO THE STRUCTURAL SYSTEMS WITH SAME STUD MATERIAL. THE BRACING SHALL BE INSTALLED PERPENDICULAR TO THE PARTITIONS WITH A MAXIMUM SPACING OF 4 FEET ON CENTER AND A MAXIMUM ANGLE 45 DEGREES FROM THE HORIZONTAL. IF NECESSARY, PROVIDE HORIZONTAL MEMBERS ACROSS THE STRUCTURAL MEMBERS FOR BRACING SUPPORT TO COMPLY WITH THE ABOVE REQUIREMENTS.

- 15. LEVELING
A. BY USE OF THE CEMENT LEVELING COMPOUND, OR BY OTHER MEANS APPROVED, PROVIDE CONTINUOUS SOLID BEARING UNDER FLOOR RUNNER MEMBERS OF STEEL STUD PARTITIONS AND WALLS.
B. LEVEL IN A MANNER TO PROVIDE UNIFORM INTERFACE WITH CEILINGS AND OTHER OVERHEAD CONSTRUCTION.
16. SOUND ATTENUATING PARTITIONS
A. INSTALL RESILIENT FURRING CHANNELS TO THE FRAMING MEMBERS 16" O.C. PERPENDICULAR TO THE FRAMING MEMBERS ON ONE SIDE OF THE WALL. GYPSUM WALLBOARD IS ATTACHED TO THE RESILIENT CHANNELS WITH GYPSUM WALLBOARD IS ATTACHED TO THE RESILIENT CHANNELS WITH POWER DRIVEN, TYPE 5 DRYWALL SCREW AND SPACED 12" O.C. A 3" WIDE STRIP OF 1/2" GYPSUM WALLBOARD SHOULD BE USED AT THE FLOOR LINE TO ASSURE A SOLID BASE FOR ATTACHING THE WALLBOARD AND THE BASE IF ANY. AN ADDITIONAL STRIP OF WALLBOARD OR A RESILIENT FURRING CHANNEL SHALL BE USED AT THE CEILING LINE. THE POINT OF INTERSECTION BETWEEN THE WALL AND FLOOR SHALL BE CAULKED. INSTALL THE WORK IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.

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NOTES:
PROJECT: City of Naples Utilities Maintenance Bldg
1450 4th Avenue North
Building # 950
Naples, Florida

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SHEET TITLE: Specifications
A-800

DIVISION 6

SECTION 06010 - LUMBER

- 1. PROVIDE LUMBER NAILS, BOLTS, SCREWS, FRAMING ANCHORS AND OTHER HARDWARE, AND OTHER ITEMS REQUIRED FOR ROUGH AND FINISH CARPENTRY AS SHOWN ON THE DRAWINGS, SPECIFIED HEREIN, AND NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
2. IDENTIFYING FRAMING LUMBER BY THE GRADE STAMP OF THE WEST COAST LUMBER INSPECTION BUREAU, OR SUCH OTHER GRADE STAMP AS IS APPROVED BY THE ARCHITECT.
3. IDENTIFY FLYWOOD AS TO SPECIES, GRADE, AND GLUE TYPE BY THE STAMP OF THE AMERICAN FLYWOOD ASSOCIATION. IDENTIFY OTHER MATERIALS OF THIS SECTION BY THE APPROPRIATE STAMP OF THE AGENCY APPROVED IN ADVANCE BY THE ARCHITECT.
4. PROVIDE MATERIALS IN THE QUANTITIES NEEDED FOR THE WORK SHOWN ON THE DRAWINGS, AND MEETING OR EXCEEDING THE FOLLOWING STANDARDS OF QUALITY:
A. HORIZONTAL FRAMING MEMBERS - HEY-FIR, CONSTRUCTION GRADE, OR AS NOTED ON THE DRAWINGS.
B. VERTICAL FRAMING MEMBERS - HEY-FIR, STANDARD GRADE OR SPRUCE, STUD GRADE, EXCEPT WHERE NOTED OTHERWISE ON THE DRAWINGS.
C. FLYWOOD -
1. ROOF SHEATHING - 5/8" APA RATED SHEATHING 32/16 S PLY 1/2 LAYERS EXPOSURE 1 FLYWOOD MARKED "F9" WITH A PANEL CLIP AT MID SPAN BETWEEN ALL TRUSSES.
2. FIRE DRAFT STOPS: 1/2" FIR OR PINE CDX OR MIN. 1/2" GYPSUM BOARD.
5. EXTERIOR FASCIA - B 4 BTIR CEDAR.
6. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY - PRESURE TREATED S.P.T.
7. BUILDING PAPER - 15 LB. ASPHALT FELT PERFORATED.
8. ROOFING DRY-IN - 30 LB. UNPERFORATED ROOFING.
9. WOOD PRESERVATIVE - AMMONIACAL COPPER ARSENATE (ACA), CHROMATED COPPER ARSENATE (CCA) OR CHROMATED ZINC CHLORIDE (CZC).
10. ROUGH HARDWARE -
A. STEEL ITEMS:
(1) COMPLY WITH ASTM A1 OR ASTM A36.
(2) USE GALVANIZED AT ALL LOCATIONS.
B. MACHINE BOLTS: COMPLY WITH ASTM A307.
C. LAG SCREWS: ELECTROPLATED STEEL WITH WASHERS.
D. NAILS:
(1) USE COMMON EXCEPT AS OTHERWISE NOTED.
(2) USE GALVANIZED OR WEATHEREX FOR ALL ROUGH FRAMING, SHEATHING, AND EXTERIOR TRIM.
(3) USE ELECTROPLATED FINISH NAILS ON INTERIOR TRIM.
E. JOIST, BEAM, AND TRUSS HANGERS: HUGHES, SIMPSON, TECO, BASCH, OR EQUAL AS APPROVED IN ADVANCE BY THE ARCHITECT.
F. WOOD BASE AND CASING - PINE OR FIR FINGERJOING PERMITTED. SEE DETAILS ON DRAWINGS.
11. FRAMING LUMBER SHALL BE KILN-DRIED WITH A MOISTURE CONTENT OF 19% OR LESS BY WEIGHT.

SECTION 06100 - ROUGH CARPENTRY

- 1. PROVIDE AND INSTALL WOOD FRAMING AS SHOWN ON THE DRAWINGS AS SPECIFIED HEREIN. WORK INCLUDES ALL CONNECTORS, AND RELATED HARDWARE AND MATERIALS.
2. REJECT ANY DELIVERED FRAMING LUMBER THAT IS NOT GRADE-STAMPED AND CERTIFIED BY A BONAFIDE-GRADING AGENCY. IDENTIFY FRAMING LUMBER BY GRADE AND STORE EACH GRADE SEPARATELY.
3. DO NOT ACCEPT OR USE LUMBER THAT DEVIATES FROM GRADE STANDARDS OR HAS EXCESSIVE MOISTURE CONTENT OR OTHER DEFECTS. REMOVE UNSTAMPED OR DEFECTIVE LUMBER FROM THE JOB SITE.
4. FOLLOW APPLICABLE LUMBER GRADING AGENCY STANDARDS IN ACCEPTING OR REJECTING DELIVERED LUMBER. REJECT SPECIAL REQUIRED LUMBER THAT IS NOT MARKED OR CERTIFIED AS PRESERVATIVE-TREATED OR KILN-DRIED.
5. STORE FRAMING LUMBER AND WOOD PANELS TO PREVENT DAMAGE AND MOISTURE ABSORPTION. STORE METAL CONNECTORS THAT ARE SUBJECT TO DAMAGE IN WEATHERTIGHT WRAPPING AND IN SAFE LOCATIONS AWAY FROM TRAFFIC OR OTHER SOURCE OF DAMAGE. STORE CHEMICALLY TREATED LUMBER AND WOOD PANELS OUTDOORS UNTIL INSTALLATION. KEEP CHEMICALLY TREATED LUMBER AND WOOD PANELS WELL VENTILATED IF MOVED INDOORS.
6. SELECTION OF LUMBER PIECES:
A. CAREFULLY SELECT THE MEMBERS.
B. SELECT INDIVIDUAL PIECES SO THAT KNOTS AND OBVIOUS DEFECTS WILL NOT INTERFERE WITH PLACING BOLTS OR PROPER NAILING, AND WILL ALLOW MAKING OF PROPER CONNECTIONS.
C. CUT OUT AND DISCARD DEFECTS WHICH RENDER PIECE UNABLE TO SERVE ITS INTENDED FUNCTION.
D. LUMBER MAY BE REJECTED BY THE ARCHITECT, WHETHER OR NOT IT HAS BEEN INSTALLED, FOR EXCESSIVE WARP, TWIST, BOW, CROOK, MILDEW, FUNGUS, OR MOLD, AS WELL AS FOR IMPROPER CUTTING AND FITTING.
7. DO NOT SHIM ANY FRAMING COMPONENT.
8. GENERAL FRAMING:
A. ACCURATELY LAY OUT, CUT, FIT, AND INSTALL ROUGH CARPENTRY WORK.
B. SET ROOF TRUSSES. PROVISION OF LIFTING EQUIPMENT IS INCLUDED IN THIS SECTION.
C. IN ADDITION TO FRAMING OPERATIONS NORMAL TO THE FABRICATION AND ERECTION INDICATED ON THE DRAWINGS, INSTALL WOOD BLOCKING AND BACKING REQUIRED FOR THE WORK OF OTHER TRADES.
D. SET HORIZONTAL AND SLOPED MEMBERS WITH CROWN UP.
E. DO NOT NOTCH, CUT, OR BORE BEAM AND COLUMN MEMBERS FOR PIPES, DUCTS, OR CONDUITS, OR FOR OTHER REASONS EXCEPT AS SHOWN ON THE DRAWINGS OR AS SPECIFICALLY APPROVED IN ADVANCE BY THE ARCHITECT.
F. UNTREATED LUMBER SHALL NOT BE IN CONTACT WITH CONCRETE OR MASONRY. PROVIDE 16 GAUGE GALVANIZED SHEET STEEL OR MINIMUM 30 POUND ROOFING FELT SEPARATION IF TREATED LUMBER IS NOT PRACTICAL.
9. BEARINGS:
A. MAKE BEARINGS FULL UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
B. FINISH BEARING SURFACES ON WHICH STRUCTURAL MEMBERS ARE TO REST SO AS TO GIVE SURE AND EVEN SUPPORT.
C. WHERE FRAMING MEMBERS SLOPE, CUT OR NOTCH THE ENDS AS REQUIRED TO GIVE UNIFORM BEARING SURFACE.
10. BLOCKING AND BRACING:
A. INSTALL BLOCKING AS REQUIRED TO SUPPORT ITEMS OF FINISH WORK AND TO CUT OFF CONCEALED DRAFT OPENINGS, BOTH VERTICAL AND HORIZONTAL.
11. BRACING:
INSTALL WOOD CROSS AND LONGITUDINAL BRACING (NOT LESS THAN 2" X 4" NOMINAL) ON TRUSSES IN ACCORDANCE WITH TRUSS PLATE INSTITUTE BUI-16 RECOMMENDATION AND AS INDICATED ON THE TRUSS SHOP DRAWINGS.

- 12. ALIGNMENT:
A. ON FRAMING MEMBERS TO RECEIVE A FINISHED SURFACE, ALIGN THE FINISH SUBSURFACE TO VARY NOT MORE THAN 1/8" FROM THE PLANE OF SURFACES OF ADJACENT FURRING AND FRAMING MEMBERS.
13. INSTALLATION OF SHEATHING:
A. PLACE SHEATHING WITH DIRECTION OF GRAIN OR LAY PERPENDICULAR TO SUPPORTS AND CONTINUOUSLY OVER AT LEAST TWO SUPPORTS WHEREVER POSSIBLE, EXCEPT WHERE OTHERWISE SHOWN ON THE DRAWINGS.
B. CENTER JOINTS ACCURATELY OVER SUPPORTS, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
C. INSTALL 1 FLY CLIP BETWEEN ALL SUPPORTING MEMBERS.
D. DO NOT FIT END JOINTS TIGHT.
E. DRY-IN ROOF SHEATHING PRIOR TO ANY RAIN, PREFERABLY AT THE END OF EACH DAY THE SHEATHING HAS BEEN PLACED.
14. NAILING:
A. USE ONLY COMMON GALVANIZED WIRE NAILS OR SPIKES OF THE DIMENSION REQUIRED BY THE BUILDING CODE AND MANUFACTURER'S RECOMMENDATION, EXCEPT WHERE OTHERWISE SPECIFICALLY NOTED ON THE DRAWINGS OR SPECIFICATIONS.
B. FOR CONDITIONS NOT COVERED IN ITEM 1 ABOVE, PROVIDE PENETRATION INTO THE PIECE RECEIVING THE POINT OF NOT LESS THAN 1/2 THE LENGTH OF THE NAIL OR SPIKE, PROVIDED, HOWEVER, THAT 1/2 NAILS MAY BE USED TO CONNECT TWO PIECES OF 2" (NOMINAL) THICKNESS.
C. NAIL WITHOUT SPLITTING WOOD, BORE AS REQUIRED.
D. REMOVE SPLIT MEMBERS AND REPLACE WITH MEMBERS COMPLYING WITH THE SPECIFIED REQUIREMENTS.
E. SHEATHING NAILING - 8D COMMON GALVANIZED NAILS SPACED MAXIMUM 6" O.C. AT EDGES AND MAXIMUM 12" O.C. AT INTERMEDIATE SUPPORTS, UNLESS NOTED OTHERWISE ON THE DRAWINGS. SEE TYPICAL SHEATHING AND NAILING DETAIL ON THE DRAWINGS.

SECTION 06200 - FINISH CARPENTRY AND MILL WORK

- 1. INSTALL FINISH WOOD TRIM (EXTERIOR AND INTERIOR), DOORS AND FRAMES, FINISH HARDWARE, TOILET ROOM ACCESSORIES, FRAMED MIRRORS, SHELVING, FIRE EXTINGUISHERS, CABINETS, FOLDING PARTITION, INTERIOR SIGNAGE, AND OTHER ITEMS NOT SPECIFICALLY DESCRIBED AS BEING INSTALLED UNDER OTHER SECTIONS OF THESE SPECIFICATIONS.
2. WORKMANSHIP
A. PRODUCE JOINTS WHICH ARE TRUE, TIGHT, AND WELL NAILED WITH ALL MEMBERS ASSEMBLED IN ACCORDANCE WITH THE DRAWINGS.
B. MAKE JOINTS TO CONCEAL SHRINKAGE: MITER EXTERIOR JOINTS; COPE INTERIOR JOINTS; MITER OR SCARF END-TO-END JOINTS.
C. INSTALL TRIM IN PIECES AS LONG AS POSSIBLE, JOINING ONLY WHERE SOLID SUPPORT IS OBTAINED.
D. FASTENING:
1. INSTALL ITEMS STRAIGHT, TRUE, LEVEL, PLUMB, AND FIRMLY ANCHORED IN PLACE.
2. WHERE BLOCKING OR BACKING IS REQUIRED, COORDINATE AS NECESSARY WITH OTHER TRADES TO ENSURE PLACING OF REQUIRED BACKING AND BLOCKING IN A TIMELY MANNER.
3. NAIL TRIM WITH FINISH NAILS OF PROPER DIMENSION TO HOLD THE MEMBER FIRMLY IN PLACE WITHOUT SPLITTING THE WOOD.
4. NAIL EXTERIOR TRIM WITH HOT-DIPPED GALVANIZED OR "WEATHEREX" NAILS, MAKING JOINTS TO EXCLUDE WATER.
3. FINISHING
A. SANDPAPER FINISHED WOOD SURFACES THOROUGHLY AS REQUIRED TO PRODUCE A UNIFORMLY SMOOTH SURFACE, ALWAYS SANDING IN THE DIRECTION OF THE GRAIN EXCEPT DO NOT SAND WOOD WHICH IS DESIGNED TO BE LEFT ROUGH.

SECTION 06400 - ARCHITECTURAL WOODWORK

- 1. PROVIDE PREFINISHED CABINETS, VANITIES, COUNTERS, AND SIMILAR ITEMS WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
2. DEFINITIONS:
A. "EXPOSED WORK" - INCLUDES ALL SURFACES VISIBLE WHEN DOORS AND DRAWERS ARE CLOSED. BOTTOMS OF CASES MORE THAN 4'-0" ABOVE THE FLOOR WILL BE CONSIDERED AS EXPOSED. VISIBLE MEMBERS IN OPEN CASES, OR BEHIND DOORS OF CLEAR GLASS, WILL BE CONSIDERED AS EXPOSED.
B. "SEMI-EXPOSED WORK" - INCLUDES THOSE MEMBERS BEHIND OPAQUE DOORS, SUCH AS SHELVES, DIVISIONS, INTERIOR FACES OF ENDS, CASE BACKS, DRAWER SIDES, DRAWER BACKS AND BOTTOMS, AND THE BACK FACE OF DOORS.
1. TOPS OF CASES 6'-6" OR MORE ABOVE THE FLOOR WILL BE CONSIDERED AS SEMI-EXPOSED.
C. "CONCEALED WORK" - INCLUDES SLEEPERS, WEB FRAMES, DUST PANELS, AND OTHER SURFACES NOT USUALLY VISIBLE AFTER INSTALLATION.
3. CABINETS AND COUNTERTOPS
A. FABRICATE AND INSTALL BASE CABINETS, WALL CABINETS AND COUNTERTOPS IN ACCORDANCE WITH THE DETAILS ON THE DRAWINGS AND AS SPECIFIED HEREIN. QUALITY - ALL "PREMIUM" STANDARD:
1. CABINET FRONTS, COUNTERTOP EDGES, DRAWER INSIDE FRONTS, BACKS AND SIDES, ETC., SHALL BE 3/4" THICK SOLID CLEAR FIR OR WHITE PINE MATERIAL.
2. COUNTER TOPS, VERTICAL DIVIDERS, VERTICAL ENDS, WALL CABINET TOPS AND BOTTOMS, BASE CABINET BOTTOM SHELVES, DOORS AND DRAWER FRONTS, INTERMEDIATE SHELVES, BACKSLASHES, ETC., SHALL BE 3/4" THICK INDUSTRIAL GRADE MINIMUM WEIGHT 90 POUNDS PER CUBIC FOOT, PARTICLE BOARD OR 3/4" GRADE B/C FLYWOOD.
3. CABINET BACKS SHALL BE GRADE B/C 3/8" THICK FLYWOOD.
4. SHELVES SHALL BE ADJUSTABLE.
5. DOORS AND DRAWER FRONTS SHALL BE FLISH OVERLAY TYPE.
6. PLASTIC LAMINATE ON ALL EXPOSED AND SEMI-EXPOSED SURFACES, INCLUDING TOE KICK:
a. COLOR TO BE SELECTED FROM FULL RANGE OF FORMICA, WILSONART, OR NEVAMAR PATTERNED OR NON-PATTERNED STANDARD COLORS.
b. USE STANDARD 0.05" THICK LAMINATE ON COUNTERTOPS AND BACKSLASHES. USE 0.028" THICK LAMINATE OR THICKER ON VERTICAL SURFACES. COLOR AND PATTERN SELECTED BY ARCHITECT. TWO COLORS TO BE USED.
c. BACKSLASH COLOR SHALL MATCH COUNTER TOP.
B. ALL JOINERY SHALL BE GLUED.

- 4. HARDWARE: CABINET HARDWARE SHOULD BE:
A. FOR EACH 3/4" THICK HINGED DOOR LEAF:
1. 1 PAIR HINGES BLM100503
2. PULL
3. 1 LOCK (WHERE SHOWN) KNAPE 4 VOGT
4" VINYL COVERED WIRE FULLS
386 X US108
B. FOR EACH DRAWER:
1. 1 SET DRAWER GUIDES BLM 230
2. 1/2 PULL STANLEY
3. 1 LOCK (WHERE SHOWN) KNAPE 4 VOGT
4" VINYL COVERED WIRE FULLS
386 X US108
C. ADJUSTABLE SHELVES SUPPORTS IN CABINETWORK:
1. LINE BORED 1" BLM1340040
5. ADHESIVES:
A. FOR PLASTIC LAMINATES, USE PHENOL, RESORCINOL, OR MELAMINE BASE, COMPLYING WITH FED SPEC
6. FABRICATION
M1-A-181, IN TYPE, GRADE, AND CLASS BEST SUITED FOR THE INTENDED USE.
A. GENERAL:
1. FABRICATE AND ASSEMBLE UNITS COMPLETE AT THE MILL INsofar AS THEIR DIMENSIONS WILL PERMIT FOR TRANSPORTATION AND PROPER HANDLING.
2. FOR UNITS WITH SECTIONAL CONSTRUCTION:
a. ACCURATELY FIT AND ALIGN THE SEPARATE PARTS
b. PROVIDE AMPLE SCREW, GLUE-AND-BOLT BLOCKS, DRAWBOLTS, TONGUES, GROOVES, SPLINES, DOUELS, TENONS, MORTISES, AND OTHER MEANS OF FASTENING TO RENDER THE WORK OF THIS SECTION SUBSTANTIAL, RIGID, AND PERMANENTLY SECURED IN THE PROPER POSITION.
7. SCRIBE MEMBERS:
A. PROVIDE SUFFICIENT ADDITIONAL MATERIAL TO PERMIT SCRIBING TO WALLS, FLOORS, AND RELATED WORK.
8. FRAMING AND BLOCKING:
A. ASSEMBLE WITH BOLTED AND SCREWED CONNECTIONS, SECURING TO STRUCTURAL BACKINGS WITH CNCH ANCHORS, EXPANSION SCREWS, OR TOGGLE BOLTS AS NECESSARY.
B. SIDES, TOPS AND BOTTOMS NAILED AND GLUED WITH WATER RESISTANT GLUE.
C. ASSEMBLE FIXTURES WITHOUT FACE NAILS OR FACE SCREWS.
9. CUT AND FIT THE WORK OF THIS SECTION AS NECESSARY TO RECEIVE, CLEAR, ENGAGE, OR SUPPORT OTHER PARTS OF THE WORK, AND AS NEEDED FOR INTERFACE WITH ELECTRICAL, PLUMBING, AND OTHER UNITS.
10. UPON COMPLETION OF INSTALLATION, THOROUGHLY CLEAN EACH ITEM BY USE OF ONLY SUCH CLEANING MATERIALS AS ARE RECOMMENDED BY THE MANUFACTURER OF THE ITEM BEING CLEANED.

DIVISION 7

SECTION 07120 - BUILDING INSULATION

- 1. PROVIDE BUILDING INSULATION WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
2. INSULATION:
A. PROVIDE THE FOLLOWING BUILDING INSULATION WHERE SHOWN ON THE DRAWINGS OR OTHERWISE NEEDED TO ACHIEVE THE DEGREE OF INSULATION REQUIRED UNDER PERTINENT REGULATIONS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION.
1. CEILINGS - 6" THICK FACED FIBERGLASS BATT INSULATION R18.
2. STUD WALLS - 3-1/2" THICK BLANKET INSULATION R-11.
3. FURRED EXTERIOR MASONRY WALLS - 2" THICK FIBERGLASS BATT INSULATION.
4. INTERIOR PARTITIONS - 3-1/2 THICK UNFACED GLASSFIBER SOUND ATTENUATING BATT INSULATION.

SECTION 07300 - TREATED WOOD

- 1. FLYWOOD ROOF SHEATHING AND TRUSS LUMBER SHALL BE FIRE-RETARDANT WOOD.
2. FIRE-RETARDANT PLYWOOD AND LUMBER TO BE TREATED WITH PRO-GUARD FIRE-RETARDANT CHEMICALS AS TREATED BY HOOVER TREATED WOOD PRODUCTS AND SUPPLIED BY MCMILLAN BLOEDEL BUILDING MATERIALS. (PHONE: 954-946-9111).
3. FLYWOOD AND LUMBER SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS WHEN SUBJECTED TO ASTM E84 TESTS OF 30 MINUTES DURATION.
4. TRUSSES SHALL BE FABRICATED ENTIRELY OF SOUTHERN PINE.
5. PLYWOOD MAY BE EITHER 5/8CDX SOUTHERN PINE OR DOUGLAS FIR.
6. FASTENERS SHALL BE STAINLESS STEEL OR GALVANIZED STEEL.
7. STRUCTURED UNIT STRESSERS SHALL BE REDUCED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
8. THE ROOF ATTIC SPACE SHALL BE PROPERLY VENTILATED.
9. EXCEPT AS LISTED BELOW, FIRE TREATED LUMBER SHALL NOT BE RIPPED OR MILLED AS THIS WILL ALTER THE SURFACE-BURNING CHARACTERISTICS AND INVALIDATE THE UL FRAME SPREAD CLASSIFICATION: FRAMING END CUTS, HOLES, JOINTS SUCH AS TONGUE AND GROOVE, BEVEL, SCARF AND LAP ARE PERMITTED.
10. EXPOSURE TO PRECIPITATION DURING SHIPPING, STORAGE OR INSTALLATION SHALL BE AVOIDED. IF MATERIAL DOES BECOME WET, IT SHALL BE REPLACED OR PERMITTED TO DRY (MAXIMUM 19 PERCENT MC FOR LUMBER AND 15 PERCENT FOR MC FOR FLYWOOD) PRIOR TO COVERING OR ENCLOSURE BY WALLBOARD, ROOFING OR OTHER CONSTRUCTION MATERIALS.
11. FIRE-RETARDANT MATERIALS SHALL NOT BE INSTALLED IN DIRECT CONTACT WITH MASONRY AND CONCRETE MATERIALS. STANDARD TRUSS BEARING SEPARATION PLATES BY THEMSELVES ARE NOT ADEQUATE SEPARATION.

DIVISION 8

SECTION 08100 - METAL DOORS AND FRAMES

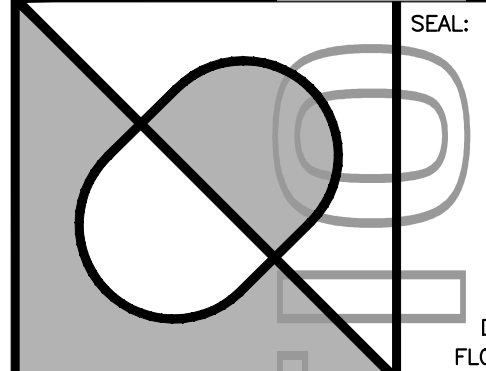
- 1. PROVIDE METAL DOORS AND FRAMES WHERE INDICATED ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
2. MANUFACTURER: STEELCORAT OR EQUAL BY OTHERS APPROVED IN ADVANCE BY THE ARCHITECT.
3. DOORS:
A. EXTERIOR DOORS SHALL BE L-18 TYPE, PRIMED.
B. CORE SHALL BE IMPREGUATED KRAFT HONEYCOMB CORE.
4. FRAMES:
A. FRAMES SHALL BE 1/2 GAUGE ALL WELDED CONSTRUCTED, REINFORCED FOR HARDWARE AND 3 SIDES WEATHER-STRIPPED.
B. PROVIDE 3 ANCHORS PER JAMB AND GROUT JAMBS SOLID AT MASONRY WALLS.

SECTION 07100 - GUTTERS AND DOWNSPOUTS

- 1. PROVIDE GUTTERS AND DOWNSPOUTS WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
2. STANDARD - PERIMETER SYSTEMS, DIVISION OF SOUTHERN ALUMINUM FINISHING COMPANY, INC, OR OTHER APPROVED IN ADVANCE BY THE ARCHITECT.
3. GUTTERS - FURNISH AND INSTALL INDUSTRIAL SERIES COMMERCIAL GUTTER SYSTEM.
A. PROFILES G1-R6 AND G2-R8
B. ALUMINUM GUTTER THICKNESS- 0.0250"
C. SUPPORT BRACKETS AND INSIDE STRAPS- 0.019" THICK ALUMINUM SPACED 30" O.C. ALTERNATED.
D. INSTALL AND FASTEN IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
E. TEN FOOT GUTTER SECTIONS TAPERED AND NOTCHED TO PROVIDE 1" TELESCOPING LAP JOINTS.
F. PROVIDE SIZES INDICATED AND AT LOCATIONS SHOWN ON THE DRAWINGS.
G. SUPPORT BRACKETS AND INSIDE STRAPS TO MATCH GUTTER COLOR.
H. COLOR SHALL BE SELECTED BY THE ARCHITECT.
4. DOWNSPOUTS - FURNISH AND INSTALL INDUSTRIAL SERIES DOWNSPOUT SYSTEMS.
A. PROFILE- FORMED CLOSED RECTANGULAR DOWNSPOUTS.
B. ALUMINUM DOWNSPOUTS, ELBOW AND DIVIDER THICKNESS- 0.0250"
C. WALL BRACKETS 0.025 THICK X 1" ALUMINUM SPACED A MAXIMUM OF 5'-0" O.C. STYLE 2
D. INSTALL AND FASTEN IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
E. TEN FOOT DOWNSPOUT LENGTHS. JOINTS TO CONSIST OF CONCEALED SLEEVE, FACTORY INSTALLED AND SEALED.
F. PROVIDE SIZES INDICATED AND AT LOCATIONS SHOWN ON THE DRAWINGS.
G. WALL BRACKETS TO MATCH DOWNSPOUT COLOR THAT MAY BE DIFFERENT TO GUTTER COLOR.
H. COLOR SHALL BE SELECTED BY THE ARCHITECT.

SECTION 07200 - SEALANTS AND CAULKING

- 1. THROUGHOUT THE WORK, SEAL AND CAULK JOINTS WHERE SHOWN ON THE DRAWINGS AND ELSEWHERE AS REQUIRED TO PROVIDE A POSITIVE BARRIER AGAINST PASSAGE OF MOISTURE AND AIR.
2. SPECIFICALLY INCLUDED, WITHOUT LIMITING THE GENERALITY OF SPECIFICATIONS AND DRAWINGS, ARE:
A. SEALANT AT ALL EXTERIOR JOINTS AROUND WINDOWS, DOORS, PANELS, EXPANSION JOINTS, JOINTS BETWEEN DISSIMILAR MATERIALS WHERE NOTED ON DRAWINGS.
B. SEALANT AT ALL INTERIOR JOINTS IN FINISH WORK, JOINTS BETWEEN DISSIMILAR MATERIALS AND WHERE NOTED ON DRAWINGS.
C. JOINT FILLER AND BACKUP MATERIALS FOR ALL SEALANT JOINTS.
D. PROTECTION OF ADJACENT SURFACES AND CLEANING.
3. SEALANTS
A. FOR ALL EXTERIOR JOINTS AND ALL INTERIOR OR EXTERIOR "WORKING OR MOVING" JOINTS, SHALL BE ANY ONE OF THE FOLLOWING GENERIC TYPES:
1. ONE-PART POLYURETHANE SEALANT - FOCUSEAL 825 AS MANUFACTURED BY FOCUSEAL, INC.
2. OTHER MANUFACTURERS MAY BE USED WHEN APPROVED IN ADVANCE BY THE ARCHITECT.
B. FOR INTERIOR WET AREAS: ONE-PART, MILDEW RESISTANT SILICONIZED ACRYLIC LATEX - FOCUSEAL 630, OR OTHERS WHEN APPROVED IN ADVANCE BY THE ARCHITECT
C. FOR ALL OTHER INTERIOR JOINTS: ONE-PART POLYSEAMSEAL ALL-PURPOSE ADHESIVE CAULK MANUFACTURED BY DARWORTH COMPANY.
D. SEALANT COLORS: COLORS SHALL BE SELECTED GENERALLY TO MATCH THE ADJACENT SURFACES.
4. PRIMERS
A. USE ONLY THOSE PRIMERS, IF REQUIRED, WHICH HAVE BEEN TESTED FOR DURABILITY ON THE SURFACES TO BE SEALED AND ARE SPECIFICALLY RECOMMENDED FOR THIS INSTALLATION BY THE MANUFACTURER OF THE SEALANT USED.
5. OTHER MATERIALS
A. JOINT FILLERS AND BACKING MATERIAL:
1. CLOSED-CELL, NON-STAINING, EXPANDED POLYETHYLENE FOAM. ROUND OR SQUARE SHAPE STRIPS TO
2. FIT JOINT SIZE FOAM JOINT FILLER (WHERE NOTED ON DRAWINGS) WILL-SEAL PRECOMPRESSED EXPANDING FOAM SEALANT TYPE OR EQUAL. SIZE AS SHOWN ON THE DRAWINGS. THICKNESS PER MANUFACTURER'S RECOMMENDATIONS FOR A WATERTIGHT SEAL.
B. BOND BREAKER TAPE: POLYETHYLENE OR OTHER PLASTIC TAPE AS RECOMMENDED BY THE SEALANT MANUFACTURER. NON-BONDING TO SEALANT, SELF-ADHESIVE WHERE APPLICABLE.
C. CLEANING SOLVENTS. OIL FREE SOLVENTS AS RECOMMENDED BY THE SEALANT MANUFACTURER. DO NOT USE RECLAIMED SOLVENTS.
D. MASKING TAPE: REMOVABLE PAPER OR FIBER TAPE, SELF ADHESIVE, NON-STAINING.
E. PROVIDE OTHER MATERIALS NOT SPECIFICALLY DESCRIBED BUT REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AS SELECTED BY THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE ARCHITECT.



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NOTES:

CONSTRUCTION

PROJECT:

City of Naples Utilities Maintenance Bldg

1450 4th Avenue North Building # 950 Naples, Florida

Table with 4 columns: REV, DESCRIPTION, BY, DATE

Table with 4 columns: DATE, PROJECT NO, CAD DWG FILE, DRAWN BY, CHK'D BY

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SHEET TITLE: **Specifications**

THIS DRAWING IS BEING RELEASED FOR THE PURPOSE OF BIDDING.

CONSULTANTS: DALAS D. DISNEY, FLORIDA AR-0012511

Disney Associates, P.A. ARCHITECTURE and PLANNING

NOTES: SECTION 08100 - FINISH HARDWARE

PROJECT: City of Naples Utilities Maintenance Bldg

Table with columns: REV., DESCRIPTION, BY, DATE

SHEET TITLE: Specifications

A-802

SECTION 08200 - WOOD DOORS AND FRAMES

- 1. PROVIDE FLUSH WOOD DOORS AND WOOD FRAMES, COMPLETE IN PLACE WITH FINISH HARDWARE INSTALLED, WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

SECTION 08331 - OVERHEAD COILING DOORS

- 1. PROVIDE OVERHEAD COILING DOORS AND FRAMES WHERE INDICATED ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

SECTION 08520 - ALUMINUM WINDOWS

- 1. PROVIDE ALUMINUM SINGLE HUNG WINDOWS AND GLAZING WHERE INDICATED ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

SECTION 08800 - GLAZING

- 1. PROVIDE GLAZING AND GLAZING ACCESSORIES WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

DIVISION 9

SECTION 09220 - PORTLAND CEMENT PLASTER (STUCCO)

- 1. PROVIDE PORTLAND CEMENT PLASTER WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

SECTION 09310 - CERAMIC TILE

- 1. PROVIDE TILE AND MARBLE WHERE CALLED FOR ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION INCLUDING, BUT NOT NECESSARILY LIMITED TO:

SECTION 08100 - FINISH HARDWARE

- 1. WORK INCLUDED

SECTION 09270 - GYPSUM DRYWALL SYSTEM

- 1. PROVIDE GYPSUM DRYWALL AND ACCESSORIES WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

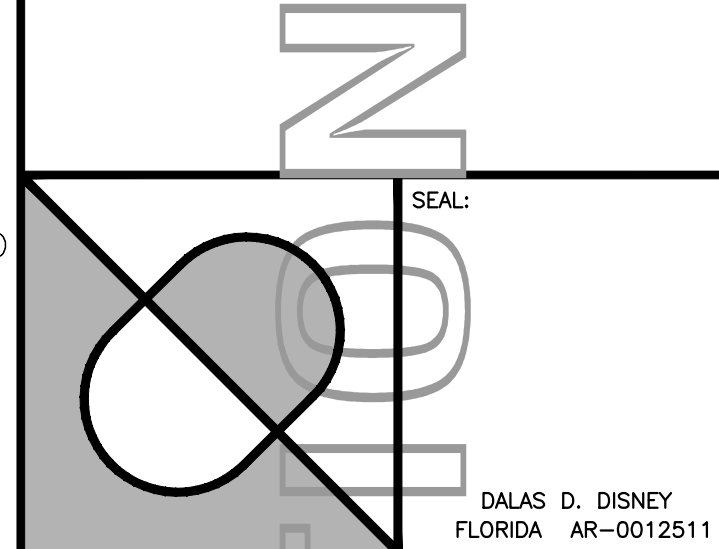
SECTION 09320 - MARBLE

- 1. PROVIDE MARBLE WINDOW STOOL AT ALL WINDOWS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

SECTION 09510 - ACOUSTICAL CEILING

- 1. PROVIDE ACOUSTICAL CEILING WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

CONSULTANTS:



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ARCHITECTURE and PLANNING

FLORIDA REGISTRATION # 0002502

NOTES:

PROJECT:

City of Naples Utilities Maintenance Bldg

1450 4th Avenue North Building # 950 Naples, Florida

REV	DESCRIPTION	BY	DATE

DATE: Nov. 30, 2015
 PROJECT NO: 15-581
 CAD DWG FILE: X
 DRAWN BY: DD
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SHEET TITLE:

Specifications

A-803

- ACCEPTABLE PRODUCTS:
 - MANUFACTURED BY ARMSTRONG WORLD INDUSTRIES, OR CELOTEX CORPORATION
 - ALL ROOMS:
 - CEILING SUSPENSION SYSTEM - "FRELUDE XL" 5/16" EXPOSED GRID.
 - TILE - 24" X 24" X 5/8" ANGLED TEGULAR -FINE FIGURED MT32 MEDIUM TEXTURE LAY-IN.
 - SUSPENSION SYSTEMS - DON CORP/ USG INTERIORS, DONN "DX" SYSTEM.
 - EQUAL PRODUCTS OF OTHER MANUFACTURERS WHEN APPROVED IN ADVANCE BY THE ARCHITECT.

- DO NOT PROCEED WITH PAINTING OF WOOD SURFACES UNTIL THE MOISTURE CONTENT OF THE WOOD IS 12% OR LESS AS MEASURED BY A MOISTURE METER APPROVED BY THE ARCHITECT.
- ON GALVANIZED SURFACES, SOLVENT CLEAN ALL SURFACES TO REMOVE ALL TRACES OF GREASE OR OIL WITH HIGH FLASH SOLVENT SUCH AS NAPHTHA OR LACQUER THINNER.

SECTION 10400 - IDENTIFYING DEVICES

- PROVIDE IDENTIFYING DEVICES WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION INCLUDING, BUT NOT LIMITED TO:
 - BUILDING IDENTIFICATION
 - DOOR SIGNS
 - MISCELLANEOUS SIGNAGE
- PROVIDE ONE SET OF THREE STREET ADDRESS NUMBERS "XXXX" (VERIFY NUMBER REQUIREMENTS) WITH THE FOLLOWING ATTRIBUTES:
 - SIZE - 8" HEIGHT X 1/4" THICK
 - MATERIAL - ALUMINUM 6062 ALLOY FLAT CUT METAL
 - FINISH - ESP COLOR AS SELECTED BY THE ARCHITECT.
 - INSTALLATION - STUD AND SILICONE
 - LAYOUT - BY TEMPLATE APPROVED BY THE ARCHITECT.
 - LOCATION - AS DIRECTED BY ARCHITECT / OWNER
 - MANUFACTURER - STANDARD PRODUCTS MANUFACTURED BY GENINI INC. OR EQUAL PRODUCTS OF OTHERS APPROVED IN ADVANCE BY THE ARCHITECT.
- PROVIDE MALE AND FEMALE TACTILE RESTROOM SIGNS.
 - SIZE - 8" X 8" WITH RADIUS CORNERS, LETTERS 5/8" HIGH
 - MOUNTING SYSTEM - DOUBLE COATED FOAM TAPE & SILICONE
 - IMAGES - HANDICAPPED SYMBOL, HUMAN IMAGES AND TEXT TO READ "MEN" OR "WOMEN" IN CAPITAL LETTERS ON EACH SIGN. COLORS STANDARD AS SELECTED BY THE ARCHITECT.
 - LOCATION - TOILET ROOM DOORS
 - MANUFACTURERS - 3M COMMERCIAL GRAPHICS DIVISION OR EQUIVALENT BY THE SOUTHUELL COMPANY, AMERICRAFT COMPANY, INC. OR EQUAL BY OTHERS WHEN APPROVED IN ADVANCE BY THE ARCHITECT.
- PROVIDE ONE NO-SMOKING INFORMATION SIGN.
 - SIZE - 8" X 8" WITH RADIUS CORNERS, LETTERS 5/8" HIGH
 - MOUNTING SYSTEM - DOUBLE COATED TAPE
 - IMAGES - NO SMOKING SYMBOL, AND TEXT TO READ "NO SMOKING". COLORS STANDARD AS SELECTED BY THE ARCHITECT.
 - LOCATION - WHERE DIRECTED BY THE ARCHITECT.
 - MANUFACTURERS - 3M COMMERCIAL GRAPHICS DIVISION OR EQUIVALENT BY THE SOUTHUELL COMPANY, AMERICRAFT COMPANY, INC. OR EQUAL BY OTHERS WHEN APPROVED IN ADVANCE BY THE ARCHITECT.

DIVISION 13

SECTION 13122 - METAL BUILDING SPECIFICATIONS

- BUILDING STANDARD FEATURES
- PRIMARY FRAMING (CONSISTING OF COLUMNS FOR SIDEWALLS AND RAFTERS FOR ROOF)
 - SOLID I-BEAM CONSTRUCTION FOR OPTIMUM STRENGTH
 - BUILDING MATERIAL USED IS MINIMUM 50,000 P.S.I. YIELD STRENGTH (SOME MANUFACTURERS USE 36,000 P.S.I. YIELD STRENGTH MATERIAL WHICH IS NOT AS STRONG). BY USING A HIGHER YIELD STRENGTH MATERIAL, A SMALLER IEB CAN BE UTILIZED WHICH MEANS A SPACE SAVING DESIGN.
 - STEEL BUILDING FRAMES ARE SINGLE BEAD/ CONTINUOUS ARC WELDED BY AUTOMATIC WELDING MACHINES (THIS HELPS INSURE QUALITY CONTROL). A FACTORY PRIMER COAT IS APPLIED TO HELP PROTECT THEM DURING THE BUILDING ERECTION PROCESS.
 - END WALL FRAMES AND COLUMNS ARE EITHER COLD FORMED, MILL-ROLLED OR BUILT-UP "I" SECTIONS DEPENDING ON DESIGN REQUIREMENTS.
- SECONDARY FRAMING
 - GIRTS (ON SIDEWALL) & FURLINS (ON ROOF) ARE 8" OR 10" TO MEET DESIGN REQUIREMENTS.
 - COLD ROLLED Z-SECTION, IS TO 16 GA. ASTM A-510, 55,000 P.S.I. YIELD MATERIAL IS USED TO PROVIDE MAXIMUM STRENGTH.
 - BYPASS GIRT SYSTEM OVERLAPS AT SIDEWALL COLUMNS FORMING A CONTINUOUS "BEAM" FOR EXTRA STRENGTH.
 - FURLIN ARE TOP-MOUNTED ON THE RAFTER WITH A VARIED LAP OF 2' TO 6' FOR STRENGTH AND COST SAVINGS IN ERECTION LABOR. MAXIMUM FURLIN SPACING IS 5' ON CENTER.
 - EAVE STRUT IS A COLD-FORMED C-SECTION THAT IS ROLLED FOR THE APPROPRIATE ROOF PITCH, TO HELP INSURE WEATHER TIGHTNESS AT THE EAVE.
 - SHEETING ANGLE IS A CONTINUOUS SHEETING ANGLE SUPPLIED FOR THE ATTACHMENT OF THE SHEETING AT THE RAKE OF THE STEEL OR METAL BUILDING FOR EASE OF INSTALLATION.
 - BASE ANGLE IS A CONTINUOUS ANGLE, SUPPLIED FOR THE ATTACHMENT OF THE BASE OF THE SHEETING TO THE CONCRETE. IT IS ATTACHED TO THE CONCRETE WITH RAM-SETS AND / OR EQUIVALENT ANCHORS BY OTHERS.
 - BRACING DIAGONAL ROD OR CABLE BRACING MAY BE SUPPLIED FOR ROOF AND WALLS TO REMOVE LONGITUDINAL LOAD FROM THE STRUCTURE. ANGLE FLANGE BRACING IS PROVIDED FOR THE CONNECTION OF THE RIGID FRAME TO THE FURLINS AND GIRTS. THIS ENSURES THAT ALLOWABLE COMPRESSION LEVELS ARE ADEQUATE FOR ANY COMBINATION OF LOADINGS. FURLIN BRIDGING ANGLES MAY BE PROVIDED AT EACH MID-BAY TO ASSURE CONSISTENT FURLIN SPACING AND STIFFENING.
- SHEETING
 - 80,000 P.S.I. YIELD MATERIAL STANDARD. SOME MANUFACTURERS USE A LOWER YIELD STRENGTH MATERIAL, WHICH IS LESS RESISTANT TO DAMAGE FROM HAIL OR OTHER IMPACTS.
 - ALL COIL STEEL WITH GALVALUME COATING STANDARD (125 OZ.-HOT DIPPED) ON EACH SIDE HELPS PREVENT DETERIORATION OF THE STEEL SHEETING
 - DEEPER HIGH-RIB WITH MORE FREQUENT CORRUGATIONS, PROVIDES EXTRA STRENGTH.
 - OPTIONAL SEMI-CONCEALED PANEL "SHADOW LINE" CONFIGURATION IS AVAILABLE FOR WALLS, MANHOLE SYSTEMS, SOFFIT MATERIAL, ETC., TO ADD AESTHETIC APPEAL TO YOUR BUILDING.
- FASTENERS
 - STRUCTURAL BOLTS MEET REQUIREMENTS OF ASTM STANDARDS. A- 305 FOR PRIMARY FRAME CONNECTIONS. A-307 FOR SECONDARY FRAMING.
 - ELF DRILLING AND SELF-TAPPING FASTENERS ARE SUPPLIED WITH BOTH WALL AND ROOF PANELS. ROOF FASTENERS COME PRE-ASSEMBLED NEOPRENE WASHERS.
- CLOSURES
 - CLOSED CELL NEOPRENE STRIPS WITH SELF-ADHESIVE BACKING USED TO HELP SEAL BUILDING. LOCATED AT RAKE & ROOFLINE OF BUILDING TO HELP PROVIDE WEATHER TIGHTNESS. OPTIONAL EAVE AND BASE CLOSURES MAY BE ADDED. PRE-FORMED SHAPES TO MATCH PANEL CONFIGURATION HELPS PROVIDE A TIGHTER SEAL.
 - 1 1/2" SHEETING NOTCH AT BASE OF CONCRETE WHERE PANEL SITS CAN BE DESIGNED INTO EVERY BUILDING. SHEETING NOTCH PROVIDES AN AIR INFILTRATION STOP ON BLANK INSULATED BUILDINGS.
- SEALANTS
 - SEALANT FOR ROOF SIDELAPS, ENDLAPS, AND FLASHING AT GABLE IS PROVIDED TO HELP INSURE WEATHER TIGHTNESS. NOMINAL 3/8" X 1/8" THICK PRE-SENSITIVE TAPE SEALANT FOR EASE OF INSTALLATION.
- TRIM AND FLASHING
 - PREFORMED HIGH-RIB RIDGE CAP PANEL MATCHES THE SLOPE AND PROFILE OF ADJOINING ROOF PANELS TO HELP INSURE CONSTANT ALIGNMENT AND WEATHER TIGHTNESS.
 - LONG OVERLAP IS PROVIDED TO HELP PREVENT WATER FROM SIPHONING INTO THE BUILDING.
- PLANS AND DRAWINGS
 - ANCHOR BOLT SETTING PLAN, BUILDING REACTIONS FOR FOUNDATION DESIGN, ERECTION MANUAL AND ENGINEER LETTER OF CERTIFICATION ARE PROVIDED SHORTLY AFTER RECEIPT OF DEPOSIT ON BUILDING.
 - ENGINEER CERTIFIED ERECTION DRAWINGS, INCLUDING WALL AND ROOF FRAMING DIAGRAMS, CROSS SECTIONS, SHEETING AND FLASHING DETAILS A PROVIDED; THESE DRAWINGS SHOW CLEARLY THE PROPER ERECTION AND ASSEMBLY OF ALL BUILDING COMPONENTS.
 - PART NUMBERS ARE PLACED ON EACH COMPONENT (OTHER THAN SCREWS). THESE PART NUMBERS COINCIDE WITH A DETAILED LISTING CONTAINING THE CONSTRUCTION DRAWINGS AND SHOPPING LIST TO HELP WITH ASSEMBLY OF THE BUILDING.
- SPECIAL NOTES
 - MANUFACTURER SHALL PROVIDE UPLIFT AND REACTIONS FOR FOUNDATION DESIGN VERIFICATION BY THE STRUCTURAL ENGINEER
 - SILICONIZED POLYESTER COLOR FINISHES SHALL BE SELECTED BY THE ARCHITECT FROM MANUFACTURERS STANDARD COLORS
 - STANDARD TRIM COLORS (KYNAR) SHALL BE SELECTED BY THE ARCHITECT FROM MANUFACTURERS STANDARD COLORS

SECTION 03650 - RESILIENT TILE FLOORING

- PROVIDE RESILIENT TILE FLOORING WHERE INDICATED ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- VINYL COMPOSITION TILE:
 - DIMENSION - PROVIDE 12" X 12" X 1/8"
 - ACCEPTABLE PRODUCTS -
 - AZROCK INDUSTRIAL, INC. "SLIP RESISTANT TILE"
 - EQUAL PRODUCTS OF OTHER MANUFACTURERS WHEN APPROVED IN ADVANCE BY THE ARCHITECT.
 - COLOR AS SELECTED BY THE OWNER/ARCHITECT.
 - VINYL BASE:
 - WHERE SHOWN ON THE DRAWINGS, PROVIDE 4" TOPSET VINYL COVE BASE MANUFACTURED BY AZROCK, COLOR AS SELECTED BY ARCHITECT.
 - ADHESIVES:
 - PROVIDE WATERPROOF AND STABILIZED ASBESTOS FREE TYP E ADHESIVE AS RECOMMENDED BY THE MANUFACTURER OF THE MATERIAL BEING INSTALLED.
 - ASPHALT EMULSIONS AND OTHER NON-WATERPROOF ADHESIVES WILL NOT BE ACCEPTABLE.
 - CONCRETE SLAB PRIMER:
 - PROVIDE NON-STAINING TYPE AS REQUIRED AND AS RECOMMENDED BY THE MANUFACTURER OF THE MATERIAL MATERIAL BEING INSTALLED.
 - INSTALLING RESILIENT TILES:
 - PLACE UNITS WITH ADHESIVE CEMENT IN STRICT COMPLIANCE WITH THE MANUFACTURERS RECOMMENDATIONS AS APPROVED BY THE ARCHITECT.
 - BUTT UNITS TIGHTLY TO EDGINGS AND THRESHOLDS.
 - SCRIBE AS NECESSARY AROUND OBSTRUCTIONS AND TO PRODUCE NEAT JOINTS.
 - PLACE TILES TIGHTLY LAID, EVEN, AND IN STRAIGHT PARALLEL LINES
 - EXTEND UNITS INTO TOE SPACES, DOOR REVEALS, AND IN CLOSETS AND SIMILAR SPACES.
 - LAY UNITS FROM CENTER MARKS ESTABLISHED WITH PRINCIPAL WALLS, DISCOUNTING MINOR OFFSETS, SO THAT UNITS AT OPPOSITE EDGES OF THE ROOM ARE OF EQUAL WIDTH AND NOT LESS THAN 1/2 TILE.
 - ADJUST AS NECESSARY TO AVOID USE OF CUT WIDTHS LESS THAN 3" WIDE AT ROOM PERIMETERS.
 - LAY UNITS SQUARE TO AXES OF THE ROOM OR SPACE
 - MATCH UNITS FOR COLOR AND PATTERN BY USING MATERIALS FROM CARTONS IN THE SAME SEQUENCE AS MANUFACTURED AND PACKAGED.
 - LAY IN GRID PATTERN WITH GRAIN IN ALL UNITS RUNNING THE SAME DIRECTION, UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
 - PLACE RESILIENT EDGE STRIPS TIGHTLY BUTTED TO UNITS AND SECURED WITH ADHESIVE, PROVIDING AT ALL UNPROTECTED EDGES UNLESS OTHERWISE SHOWN.
 - INSTALL BASE:
 - INSTALL BASE WHERE SHOWN ON THE DRAWINGS.
 - USE FACTORY PRE-FORMED EXTERIOR CORNERS, AND FACTORY PRE-FORMED OR JOB-MITERED INTERIOR CORNERS.

SECTION 03900 - PAINTING

- PAINT AND FINISH EXPOSED SURFACES USING THE COMBINATION OF MATERIALS LISTED ON PAINTING SCHEDULE IN PART 3 OF THIS SECTION, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- ACCEPTABLE MATERIALS:
 - THE PAINTING SCHEDULE IN PART 3 OF THIS SECTION IS BASED, IN GENERAL, ON PRODUCTS OF THE FLEX BON
 - PAINTS EQUAL PRODUCTS OF POFVA PAINTS, COLOR WHEEL PAINTS, SHERWIN-WILLIAMS COMPANY AND COATINGS OR OTHER MANUFACTURERS APPROVED IN ADVANCE BY THE ARCHITECT, MAY BE SUBSTITUTED IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT.
- UNDERCOATS AND THINNERS:
 - PROVIDE UNDERCOAT PAINT PRODUCED BY THE SAME MANUFACTURER AS THE FINISH COAT.
 - USE ONLY THE THINNERS RECOMMENDED BY THE PAINT MANUFACTURER AND USE ONLY TO THE RECOMMENDED LIMITS
 - INsofar AS PRACTICABLE, USE UNDERCOAT, FINISH COAT, AND THINNER MATERIALS AS PARTS OF A UNIFIED SYSTEM OF PAINT FINISH.
 - THE ARCHITECT WILL PREPARE A COLOR SCHEDULE WITH SAMPLES FOR GUIDANCE IN PAINTING.
 - THE ARCHITECT MAY SELECT, ALLOCATE, AND VARY COLORS ON DIFFERENT SURFACES THROUGHOUT THE WORK, SUBJECT TO THE FOLLOWING:
 - EXTERIOR WORK - A MAXIMUM OF THREE DIFFERENT COLORS WILL BE USED, WITH VARIATIONS FOR TRIM, DOORS, MISCELLANEOUS WORK, STUCCO BANDS AND METAL WORK
 - INTERIOR WORK - A MAXIMUM OF FIVE DIFFERENT PIGMENTED COLORS MAY BE USED, WITH VARIATIONS FOR TRIM AND WALL SURFACES AND WAINSCOTS.
 - DARK TONES - A MAXIMUM OF TWO DARK TONES WILL BE USED AS ACCENT COLORS FOR INTERIOR.
 - FOR APPLICATION OF THE APPROVED PAINT, USE ONLY SUCH EQUIPMENT AS IS RECOMMENDED FOR APPLICATION OF THE PARTICULAR PAINT BY THE MANUFACTURER OF THE PARTICULAR PAINT, AND AS APPROVED BY THE ARCHITECT.
 - PROVIDE OTHER MATERIALS, NOT SPECIFICALLY DESCRIBED BUT REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AS SELECTED BY THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE ARCHITECT.
 - UPON COMPLETION OF THE WORK OF THIS SECTION, DELIVER TO THE OWNER AN EXTRA STOCK EQUALING 10% OF EACH COLOR/TYPE, AND GLOSS OF PAINT USED IN THE WORK, TIGHTLY SEALING EACH CONTAINER, AND CLEARLY LABELING WITH CONTENTS AND LOCATION WHERE USED. PROVIDE A COLOR MIX SCHEDULE INDICATING MANUFACTURER, COLOR NAME, COLOR NUMBER, MIX CONTENT, AND AREAS OF THE PROJECT UTILIZED. END INTO PROJECT CLOSEOUT DOCUMENTS.
 - SURFACE PREPARATION
 - CLEAN EACH SURFACE TO BE PAINTED PRIOR TO APPLYING PAINT OR SURFACE TREATMENT. SAND AND CLEAN EXISTING
 - REMOVE OIL AND GREASE WITH CLEAN CLOTHS AND CLEANING SOLVENT OF LOW TOXICITY AND FLASH POINT IN EXCESS OF STAIR RAILINGS.
 - 200 DEGREES F, PRIOR TO START OF MECHANICAL CLEANING.
 - SCHEDULE THE CLEANING AND PAINTING SO THAT DUST AND OTHER CONTAMINANTS FROM THE CLEANING PROCESS WILL NOT FALL INTO WET NEWLY PAINTED SURFACES.
 - SMOOTH FINISHED WOOD SURFACES EXPOSED TO VIEW USING THE PROPER SANDPAPER. WHERE SO REQUIRED, USE VARYING DEGREES OF COARSNESS IN SANDPAPER TO PRODUCE A UNIFORMLY SMOOTH AND UNMARRED WOOD SURFACE.
 - DO NOT PROCEED WITH PAINTING OF WOOD SURFACES UNTIL THE MOISTURE CONTENT OF THE WOOD IS 12% OR LESS AS MEASURED BY A MOISTURE METER APPROVED BY THE ARCHITECT.
 - ON GALVANIZED SURFACES, SOLVENT CLEAN ALL SURFACES TO REMOVE ALL TRACES OF GREASE OR OIL WITH HIGH FLASH SOLVENT SUCH AS NAPHTHA OR LACQUER THINNER.
 - PAINT APPLICATION
 - GENERAL:
 - TOUCHUP SHOP-APPLIED PRIME COATS WHICH HAVE BEEN DAMAGED, AND TOUCHUP BARE AREAS PRIOR TO START OF FINISH COATS APPLICATION.
 - SLIGHTLY VARY THE COLOR OF SUCCEEDING COATS.
 - DO NOT APPLY ADDITIONAL COATS UNTIL THE COMPLETED COAT HAS BEEN INSPECTED AND APPROVED.
 - ONLY THE INSPECTED AND APPROVED COATS OF PAINT WILL BE CONSIDERED IN DETERMINING THE NUMBER OF COATS APPLIED.
 - SAND AND DUST BETWEEN COATS TO REMOVE DEFECTS VISIBLE TO THE UNAIDED EYE FROM A DISTANCE OF FIVE FEET.
 - ON REMOVABLE PANELS AND HINGED PANELS, PAINT THE BACKSIDES TO MATCH THE EXPOSED SIDES.
 - DRYING:
 - ALLOW SUFFICIENT DRYING TIME BETWEEN COATS, MODIFYING THE PERIOD AS RECOMMENDED BY THE MATERIAL MANUFACTURER TO SUIT ADVERSE WEATHER CONDITIONS.
 - CONSIDER OIL-BASE AND OLEO-RESINOUS SOLVENT-TYPE PAINT AS DRY FOR RECOATING WHEN THE PAINT FEELS FIRMY, DOES NOT DEFORM OR FEEL STICKY UNDER MODERATE PRESSURE OF THE THUMB, AND WHEN THE APPLICATION OF ANOTHER COAT OF PAINT DOES NOT CAUSE LIFTING OR LOSS OF ADHESION OF THE UNDERCOAT.
 - BRUSH APPLICATIONS:
 - BRUSH OUT AND WORK THE BRUSH COATS ON TO THE SURFACE IN AN EVEN FILM.
 - CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, RING, SAGS, ROPINESS, AND OTHER SURFACE IMPERFECTIONS WILL NOT BE ACCEPTABLE.
 - SPRAY APPLICATION:
 - EXCEPT AS SPECIFICALLY OTHERWISE APPROVED, CONFINE SPRAY APPLICATION TO METAL FRAMEWORK AND SIMILAR SURFACES WHERE HAND BRUSHWORK WOULD BE INTERIOR.
 - WHERE SPRAY APPLICATION IS USED, APPLY EACH COAT TO PROVIDE THE HIDING EQUIVALENT OF BRUSH COATS.
 - DO NOT DOUBLE BACK WITH SPRAY EQUIPMENT TO BUILD UP FILM THICKNESS OF TWO COATS IN ONE PASS.
 - FOR COMPLETED WORK, MATCH THE APPROVED SAMPLES AS TO TEXTURE, COLOR AND COVERAGE. REMOVE, REFINISH, OR REPAINT WORK NOT IN COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
 - MISCELLANEOUS SURFACES AND PROCEDURES:
 - EXPOSED MECHANICAL ITEMS -
 - FINISH ELECTRIC PANELS, ACCESS DOORS, CONDUITS, PIPES, DUCTS, GRILLES, REGISTERS, VENTS AND ITEMS OF SIMILAR NATURE TO MATCH THE ADJACENT WALL, AND CEILING SURFACES, OR AS DIRECTED.
 - PAINT VISIBLE DUCT SURFACES BEHIND VENTS, REGISTERS, AND GRILLES FLAT BLACK.
 - WASH METAL WITH SOLVENT, PRIME, AND APPLY TWO COATS OF ALKYL ENAMEL.
 - EXPOSED PIPE AND DUCT INSULATION -
 - APPLY ONE COAT OF LATEX PAINT ON INSULATION WHICH HAS BEEN SIZED OR PRIMED UNDER OTHER SECTIONS. APPLY TWO COATS ON SUCH SURFACES WHEN UNPREPARED.
 - MATCH COLOR OF ADJACENT SURFACES
 - REMOVE BAND BEFORE PAINTING, AND REPLACE AFTER PAINTING.
 - HARDWARE -
 - PAINT PRIME COATED HARDWARE TO MATCH ADJACENT SURFACES.
 - PAINT METAL PORTIONS OF HEAD SEALS, JAMB SEALS, AND ASTRAGAL SEALS TO MATCH THE COLOR OF THE DOORFRAME UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
 - WET AREAS -
 - IN TOILET ROOMS AND CONTIGUOUS AREAS, ADD AN APPROVED FUNGICIDE TO PAINTS.
 - FOR OIL BASE PAINTS, USE 1% PHENOLMERCURIC OR 4% TETRACHLOROPHENOL.
 - FOR WATER EMULSION AND GUM SIZE SURFACES, USE 4% SODIUM TETRACHLOROPHENATE.
 - UPON COMPLETION OF THE WORK OF THIS SECTION, DELIVER TO THE OWNER AN EXTRA STOCK EQUALING 10% OF EACH COLOR, TYPE, AND GLOSS OF PAINT USED IN THE WORK, TIGHTLY SEALING EACH CONTAINER, AND CLEARLY LABELING WITH CONTENTS AND LOCATION WHERE USED. PROVIDE A COLOR MIX SCHEDULE INDICATING MANUFACTURER, COLOR NAME, COLOR NUMBER, MIX CONTENT, AND AREAS OF THE PROJECT UTILIZED. END INTO PROJECT CLOSEOUT DOCUMENTS.
 - PAINTING SCHEDULE
 - PROVIDE THE FOLLOWING PAINT FINISHES:
 - SEE ID DRAWINGS FOR PAINT SELECTIONS AND COLORS.
 - THE PAINT FINISHES HEREIN ARE GENERIC TO INDICATE MINIMUM NUMBER OF COATS REQUIRED WHEN APPLIED TO A PARTICULAR SUBSTRATE MATERIAL. IN THE EVENT A PAINT MANUFACTURER REQUIRES AN INCREASED NUMBER OF COATS, THE HIGHER COAT COUNT SHALL BE UTILIZED. IN NO CASE SHALL THE NUMBER OF COATS OF PAINT BE LESS THAN INDICATED IN THE SCHEDULE HEREIN. THE SCHEDULE MAY INDICATE SUBSTRATES NOT FOUND ON THIS PROJECT AND IS INTENDED TO BE COMPREHENSIVE AND UTILIZED AS APPLICABLE TO THE PROJECT REQUIREMENTS. IN THE EVENT A SUBSTRATE IS ENCOUNTERED AND NOT LISTED ON THE SCHEDULE, UTILIZE THE PAINT MANUFACTURER RECOMMENDED PRODUCT AND NUMBER OF COATS.
 - PROVIDE THE FOLLOWING PAINT FINISHES:
 - EXTERIOR FERROUS METAL USE - INCLUDING FIRE SFRINKLER SYSTEM RISER AND ANY EXTERIOR AND INTERIOR EXPOSED PIPING.
 - 1 COAT INTERIOR-EXTERIOR ALKYL RUST INHIBITIVE METAL PRIMER
 - 2 COATS PREMIUM EXTERIOR LOW SHEEN 100% ACRYLIC LATEX HOUSE & TRIM PAINT.
 - EXTERIOR GALVANIZED METAL USE -
 - 1 COAT EXTERIOR 100% ACRYLIC LATEX PRIMER
 - 2 COATS PREMIUM EXTERIOR LOW SHEEN 100% ACRYLIC LATEX HOUSE & TRIM PAINT.
 - EXTERIOR CONCRETE & CEMENT PLASTER (STUCCO) -
 - 2 COATS PREMIUM EXTERIOR LOW SHEEN 100% ACRYLIC LATEX HOUSE & TRIM PAINT.
 - EXTERIOR WOOD - (INCLUDING FLOOD PROOF PANELS)
 - 1 COAT EXTERIOR 100% ACRYLIC LATEX PRIMER
 - 2 COATS PREMIUM EXTERIOR LOW SHEEN 100% ACRYLIC LATEX HOUSE & TRIM PAINT.
 - INTERIOR ENAMEL WALL FINISHES ON DRYWALL
 - 1 COAT INTERIOR ACRYLIC LATEX PRIMER
 - 1 COAT CLASSIC INTERIOR-EXTERIOR SEMI-GLOSS ALKYL ENAMEL (5GE)
 - INTERIOR EPOXY WALL FINISH ON DRYWALL
 - 1 COAT AQUALOCK PRIMER
 - 1 COAT 2 PART EPOXY SEMI-GLOSS (EPX)
 - INTERIOR METALS USE -
 - 1 COAT INTERIOR-EXTERIOR ALKYL RUST INHIBITIVE METAL PRIMER
 - 2 COATS PREMIUM INTERIOR SEMI-GLOSS ALKYL ENAMEL
 - INTERIOR GALVANIZED METAL USE -
 - 1 COAT EXTERIOR 100% ACRYLIC LATEX PRIMER
 - 1 COAT PREMIUM INTERIOR SEMI-GLOSS ALKYL ENAMEL
 - INTERIOR WOOD DOORS, FRAMES, CASING, BASE, CHAIR RAIL, UNFINISHED WOODWORK, ETC., USE -
 - 1 COAT INTERIOR ALKYL PRIMER
 - 2 COATS PREMIUM INTERIOR SEMI-GLOSS ALKYL ENAMEL

SECTION 10520 - FIRE EXTINGUISHERS AND CABINETS

- PROVIDE FIRE EXTINGUISHERS AND CABINETS WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- WHERE SHOWN ON THE DRAWINGS, PROVIDE J.L. INDUSTRIES "FIRE-FX", "ADAC", PANORAMA 101 "PY42" FACTORY PRE-FINISHED ELECTROSTATIC WHITE EPOXY FINISH PRIMER, 2-1/2" RT TRIM, SEMI-RECESSED STEEL CABINETS, OR EQUAL PRODUCTS OF OTHER MANUFACTURERS APPROVED IN ADVANCE BY THE ARCHITECT.
- AT EACH FIRE EXTINGUISHER CABINET, PROVIDE ONE MULTIPURPOSE CHEMICAL FIRE EXTINGUISHER WITH UL RATINGS OF 2A-10BC, J.L. INDUSTRIES MODEL "COBHC 5-E" OR EQUAL. ALL CABINETS SHALL BE SEMI-RECESSED.
- SERVICE, CHARGE, AND TAG EACH FIRE EXTINGUISHER NOT MORE THAN FIVE CALENDAR DAYS PRIOR TO THE DATE OF SUBSTANTIAL COMPLETION OF THE WORK AS THAT DATE IS ESTABLISHED BY THE ARCHITECT.

SECTION 10800 - TOILET ROOM ACCESSORIES

- PROVIDE TOILET ROOM ACCESSORIES WHERE INDICATED ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- PROVIDE THE PRODUCTS OF A & J WASHROOM ACCESSORIES, BOBRICK WASHROOM EQUIPMENT COMPANY, OR EQUAL APPROVED IN ADVANCE BY THE ARCHITECT. AS A SERVICE BASIS BOBRICK ACCESSORIES HAVE BEEN IDENTIFIED. SEE TOILET ACCESSORY SCHEDULE ON DRAWINGS.

DIVISION II

SECTION 11450 - APPLIANCES

- PROVIDE KITCHEN APPLIANCES AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- PROVIDE AN UP-RIGHT REFRIGERATOR WHERE SHOWN ON THE DRAWINGS.
 - MODEL - WRB9196B (81 CU FT)
 - MANUFACTURER - WHIRLPOOL, OR OTHERS EXCEPT G.E., APPROVED IN ADVANCE BY THE ARCHITECT.
- PROVIDE A DISHWASHER WHERE INDICATED ON THE DRAWINGS.
 - MODEL - WD5520PAD1 (24" UNDER COUNTER)
 - MANUFACTURER - WHIRLPOOL, OR OTHERS EXCEPT G.E., APPROVED IN ADVANCE BY THE ARCHITECT.
- PROVIDE A DISPOSAL WHERE INDICATED ON THE DRAWINGS.
 - MODEL - GC2002PF (1/2 HP, MOTOR)
 - MANUFACTURER - WHIRLPOOL, OR OTHERS EXCEPT G.E., APPROVED IN ADVANCE BY THE ARCHITECT.
- PROVIDE A MICROWAVE OVEN WHERE INDICATED ON THE DRAWINGS.
 - MODEL - WM36522A5 (12 CU FT)
 - MANUFACTURER - WHIRLPOOL, OR OTHERS EXCEPT G.E., APPROVED IN ADVANCE BY THE ARCHITECT.

DIVISION 12

SECTION 12430 - HORIZONTAL MINI BLINDS

- PROVIDE HORIZONTAL MIN-BLINDS WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION. BLINDS SHALL BE INSTALLED AT ALL EXTERIOR WINDOW AND SIDELIGHT LOCATIONS.
- MANUFACTURERS:
 - STANDARD - LEVOLOR HOME FASHIONS.
 - ACCEPTABLE MANUFACTURERS - HUNTER DOUGLAS, SPRINGS WINDOW FASHIONS DIVISION INC. OR EQUAL PRODUCTS BY OTHER MANUFACTURERS APPROVED IN ADVANCE BY THE ARCHITECT.
- MATERIALS:
 - MODEL - RIVIERA LIGHTMASTER DUSTGUARD I'
 - HEADRAIL: 0203" THICK TOMIZED STEEL. U-SHAPED, I' HIGH X 1 9/16" WIDE. ALL HARDWARE ENCLOSED IN THE HEADRAIL.
 - GUARDIAN FILTER: 0242" TOMIZED STEEL HOUSING WITH A SELF-LUBRICATION NYLON, AUTOMATICALLY DISENGAGING WORM AND GEAR MECHANISM TO ELIMINATE OVERDRIVE.
 - TILT WAND: SOLID, TRANSPARENT WITH A HEXAGONAL CROSS SECTION 5/16" ACR066 FLATS.
 - CORD LOCK: 0242" THICK TOMIZED STEEL. CRASH PROOF.
 - DRUMS AND CRADLES: PROVIDED WITH EACH SHADDER. DRUMS ARE 0231" THICK TOMIZED STEEL. CRADLES ARE 0242" THICK TOMIZED STEEL.
 - INSTALLATION BRACKETS: 0249" THICK TOMIZED STEEL WITH A RIVET-HINGED SAFETY LOCKING FRONT COVER TO PERMIT REMOVAL OF HEADRAIL WITHOUT LATERAL MOVEMENTS.
 - LADDERS SLAT SUPPORTS: DISTANCE BETWEEN SLATS DOES NOT EXCEED 18"11 (NOMINALLY 16.1 SLATS PER VERTICAL FOOT).
 - SLATS: 5000 SERIES MAGNESIUM ALUMINUM ALLOY WHICH INCLUDES RECYCLED ALUMINUM MATERIALS. SLATS ARE NOMINALLY 1" WIDE AND THE THICKNESS OF THE SLATS IS NOMINALLY 02025". COATING INCLUDES DUSTGUARD, A PATENTED PAINT PROCESS THAT DISRUPTS THE NATURAL STATIC ATTRACTION OF AIRBORNE DUST PARTICLES, REDUCING DUST BUILDUP ON THE SLAT 50% TO 10%.
 - SLAT DESIGN: UNPERFORATED
 - BOTTOM RAIL: 0231" THICK TOMIZED STEEL.