

CITY OF MADISON

REQUEST FOR BIDS



RFB #: 8808-0-2019-BP

Title: Madison Public Market - Hazmat Assessment

City Agency: Engineering

Due Date: Monday, March 04, 2019
2:00 PM CST

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Exhibit B: Drawing set of Fleet Services Building 1953 new construction. Set includes Architecture, Structural, Plumbing, and Heating/Ventilation.

Exhibit C: Drawing set of Fleet Services Building 2007 refurbishment. Set includes Demolition, Mechanical, Plumbing, Electrical, and Fire Protection plans.

Exhibit D: Collection of photographs of the Fleet Services Building. Photograph locations are indicated on accompanying floorplan.

Exhibit E: Drawing set of Fueling Depot. 1992 new construction. Set includes Demolition, Mechanical, Plumbing, Electrical, and Fire Protection plans. Drawings were completed in 2007, and are the most current drawings of FSB.

1 NOTICE TO BIDDERS

1.1 Summary

The City of Madison Engineering ("City") is soliciting Bids from qualified vendors for Madison Public Market - Hazmat Assessment. Vendors submitting Bids ("Bidders") are required to read this Request for Bids ("RFB") in its entirety and follow the instructions contained herein.

1.2 Important Dates

Deliver Bids no later than the due time and date indicated below. The City will reject late Bids:

Issue Date: Monday, February 11, 2019
Questions Due Date: Thursday, February 21, 2019
Answers Posted Date: Monday, February 25, 2019
Due Date: Monday, March 04, 2019, 2:00 PM CST

1.3 Format

The City will not consider illegible Bids.

Elaborate Bids (i.e., expensive artwork) beyond that sufficient to present a complete and effective Bid, are not necessary or desired.

The City is requesting bids in the following format: Electronic Only.

Complete and return Forms A through E to City of Madison Purchasing Services by Monday, March 04, 2019, 2:00 PM CST.

1.4 Labeling

All email correspondence must include RFB #8808-0-2019-BP in the subject line.

1.5 Delivery of Bids

Delivery of electronic copy to: via email to bids@cityofmadison.com

Bids must be delivered as instructed. Deliveries to other City departments and/or locations may result in disqualification.

1.6 Appendix A: Standard Terms & Conditions

Bidders are responsible for reviewing this attachment prior to submission of their Bids. City of Madison Standard Terms and Conditions are the minimum requirements for the submission of Bids.

1.7 Appendix B: Sample Contract for Purchase of Services

Bidders are responsible for reviewing this attachment prior to submission of their Bids. The Sample Contract for Purchase of Services shall serve as the basis of the contract resulting from this RFB. The terms of this template contract shall become contractual obligations following award of the RFB. By submitting a Bid, Bidders affirm their willingness to enter into a contract containing these terms.

1.8 Affirmative Action Notice

If Contractor employs 15 or more employees and does aggregate annual business with the City of \$50,000 or more for the calendar year in which the PO and/or Contract is in effect, Contractor shall file, within thirty (30) days from the PO/Contract effective date and BEFORE RELEASE OF PAYMENT, an Affirmative Action Plan designed to ensure that the Contractor provides equal employment opportunity to all and takes affirmative action in its utilization of applicants and employees who are women, minorities and/or persons with disabilities. A sample affirmative action plan, Request for Exemption forms, and instructions are available at: www.cityofmadison.com/civil-rights/contract-compliance/vendors-suppliers/forms or by contacting a Contract Compliance Specialist at the City of Madison Affirmative Action Division at (608) 266-4910. Vendors must register for an account to complete the required forms online, here: <https://elam.cityofmadison.com/citizenaccess>

Contractor shall also allow maximum feasible opportunity to small business enterprises to compete for any subcontracts entered into pursuant to this PO/Contract.

Job postings: All contractors who employ 15 or more employees (regardless of the dollar amount of this contract or their annual aggregate business with the City) must notify the City of all external job openings at locations in Dane County, Wisconsin, and agree to interview candidates referred by the City or its designated organization. Job posting information is available at: <http://www.cityofmadison.com/civil-rights/programs/referrals-and-interviews-for-sustainable-employment-raise-program>. Instructions for contractors: http://www.cityofmadison.com/civil-rights/documents/RaISE_Job_Posting_Instructions.pdf

The complete set of Affirmative Action requirements for this purchase can be found in **paragraph 20 of Appendix A – Standard Terms and Conditions** and, if applicable, in **Section 13 of Appendix B – Sample Contract for Purchase of Services**.

1.9 Multiple Bids

Multiple Bids from Bidders are permitted; however, each must fully conform to the requirements for submission. Bidders must sequentially label (e.g., Bid #1, Bid #2) and separately package each Bid. Bidders may submit alternate pricing schemes without having to submit multiple Bids.

1.10 City of Madison Contact Information

The City of Madison Engineering is the procuring agency:

Brent Pauba
City of Madison Engineering
PH: (608) 266-4092
bpauba@cityofmadison.com

The City of Madison Purchasing Services administers the procurement function:

Brian Pittelli
Purchasing Services
City-County Bldg, Room 407
210 Martin Luther King, Jr. Blvd.
Madison, WI 53703-3346
PH: (608) 267-4969
FAX: (608) 266-5948
bpittelli@cityofmadison.com

For questions regarding Affirmative Action Plans please contact:

Contract Compliance
Department of Civil Rights
City-County Bldg., Room 523
210 Martin Luther King, Jr. Blvd.
Madison, WI 53703
PH: (608) 266-4910
dcr@cityofmadison.com

The City employs spam filtering that occasionally blocks legitimate emails, holding them in ‘quarantine’ for four calendar days. The contacts listed in this RFB will acknowledge all emails received. Bidders not receiving acknowledgement within twenty-four hours shall follow-up via phone with specific information identifying the originating email address for message recovery.

1.11 Inquiries, Clarifications, and Exceptions

Bidders are to raise any questions they have about the RFB document without delay. Direct all questions, **in writing**, to the Purchasing Services administrator listed in Section 1.10.

Bidders finding any significant ambiguity, error, conflict, discrepancy, omission, or other deficiency in this RFB document shall immediately notify the Buyer and request clarification. In the event that it is necessary to provide additional clarification or revision to the RFB, the City will post addenda – see 1.12 below. Bidders are strongly encouraged to check for addenda regularly.

Bids should be as responsive as possible to the provisions stated herein. A prospective vendor may take “exception” to bid terms, conditions, specifications and dates stated within the bid package. However, the City of Madison reserves the right to disqualify any and all bids submitted which include exceptions, if deemed not in the City’s best interests.

1.12 Addenda

In the event that it is necessary to provide additional clarification or revision to the RFB, the City will post addenda to its Bids distribution websites – see 1.13 below. It is the Bidders responsibility to regularly monitor the websites for any such postings. Bidders must acknowledge the receipt of any addenda on Form B. Failure to retrieve addenda and include their provisions may result in disqualification.

1.13 Bid Distribution Networks

The City of Madison posts all Request for Bids, addenda, tabulations, awards and related announcements on two distribution networks – VendorNet and DemandStar. The aforementioned documents are available **exclusively** from these websites. It is the Bidders responsibility to regularly monitor the bid distribution network for any such postings. Bidders failure to retrieve such addenda and incorporate their appropriate provisions in their response may result in disqualification. Both sites offer free registration to City Bidders.

State of Wisconsin VendorNet System:	State of Wisconsin and local agencies bid network. Registration is free. http://vendornet.state.wi.us/vendornet
DemandStar by Onvia:	National bid network – Free subscription is available to access Bids from the City of Madison and other Wisconsin agencies, participating in the Wisconsin Association of Public Purchasers (WAPP). A fee is required if subscribing to multiple agencies that are not included in WAPP.
Bid Opportunities:	www.cityofmadison.com/finance/purchasing/bidDemandStar.cfm
Home Page:	www.demandstar.com
To Register:	www.onvia.com/WAPP
City of Madison Engineering	http://www.cityofmadison.com/business/pw/requestForProposals.cfm

1.14 Local Vendor Preference

The City of Madison has adopted a local preference purchasing policy granting a scoring preference to local suppliers. Only suppliers registered as of the bid's due date will receive preference. Learn more and register at the City of Madison website: www.cityofmadison.com/business/localPurchasing.

1.15 Oral Presentations/Site Visits/Meetings

Bidders may be asked to attend meetings, make oral presentations, inspect City locations or make their facilities available for a site inspection as part of this RFB process. Such presentations, meetings or site visits will be at the Bidders expense.

1.16 Acceptance/Rejection of Bids

The City reserves the right to accept or reject any or all Bids submitted, in whole or in part, and to waive any informalities or technicalities, which at the City's discretion is determined to be in the best interests of the City. Further, the City makes no representations that a contract will be awarded to any Bidder responding to this request. The City expressly reserves the right to reject any and all Bids responding to this invitation without indicating any reasons for such rejection(s).

The City reserves the right to postpone due dates and openings for its own convenience and to withdraw this solicitation at any time without prior notice.

1.17 Withdrawal or Revision of Bids

Bidders may, without prejudice, withdraw Bids submitted prior to the date and time specified for receipt of Bids by requesting such withdrawal before the due time and date of the submission of Bids. After the due date of submission of Bids, no Bids may be withdrawn for a period of 90 days or as otherwise specified or provided by law. Bidders may modify their Bids at any time prior to opening of Bids.

1.18 Non-Material and Material Variances

The City reserves the right to waive or permit cure of nonmaterial variances in the offer if, in the judgment of the City, it is in the City's best interest to do so. The determination of materiality is in the sole discretion of the City.

1.19 Public Records

Bidders are hereby notified that all information submitted in response to this RFB may be made available for public inspection according to the Public Records Law of the State of Wisconsin or other applicable public record laws. Information qualifying as a "trade secret"—defined in State of Wisconsin Statutes—may be held confidential.

Bidders shall seal separately and clearly identify all information they deem to be "trade secrets," as defined in the State of Wisconsin Statutes. Do not duplicate or co-mingle information, deemed confidential and sealed, elsewhere in your response.

S. 19.36(5)

(5) TRADE SECRETS. An authority may withhold access to any record or portion of a record containing information qualifying as a trade secret as defined in s. 134.90(1)(c).

s. 134.90(1)(c)

(c) "Trade secret" means information, including a formula, pattern, compilation, program, device, method, technique or process to which all of the following apply:

1. The information derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use.

2. The information is the subject of efforts to maintain its secrecy that are reasonable under the circumstances.

The City cannot ensure that information will not be subject to release if a request is made under applicable public records laws. The City cannot consider the following confidential: a bid in its entirety, price bid information, or the entire contents of any resulting contract. The City will not provide advance notice to Bidders prior to release of any requested record.

To the extent permitted by such laws, it is the intention of the City to withhold the contents of Bids from public view—until such times as competitive or bargaining reasons no longer require non-disclosure, in the City's opinion. At that time, all Bids will be available for review in accordance with such laws.

1.20 Usage Reports

Annually, the successful Bidders shall furnish to City Purchasing usage reports summarizing the ordering history for each department served during the previous contract year. The report, at a minimum, must include each and every item or service ordered during the period, its total quantities and dollars by item/service and in total. The City reserves the right to request usage reports at any time and request additional information, if required, when reviewing contract activity.

1.21 Partial Award

Unless otherwise noted, it will be assumed that Bidders will accept an order for all or part of the items/services priced.

1.22 Tax Exempt

The City of Madison as a municipality is exempt from payment of federal excise taxes (Registration Number 39-73-0411-K) and State of Wisconsin taxes per Wisconsin statute 77.54(9a). Federal Tax ID #39-6005507. A completed Wisconsin Department of Revenue Form S-211 (R.2-00) can be found on the City website. Our tax-exempt number is ES 42916.

1.23 Cooperative Purchasing

Bidders may choose to extend prices offered on bids to other municipalities. Under Wisconsin Statutes, a municipality is defined as a county; city; village; town; school district; board of school directors; sewer district; drainage district; vocational, technical and adult education district; or any other public or quasi-public corporation, officer, board or other body having the authority to award public contracts. This is known as “cooperative” or “piggyback” purchasing, a practice common amongst units of government. The City is not responsible for any contract resulting from a cooperative purchase using this RFB as a basis; they are made solely between the bidders and third party unit of government.

1.24 Bidders Responsibility

Bidders shall examine this RFB and shall exercise their judgment as to the nature and scope of the work required. No plea of ignorance concerning conditions or difficulties that exist or may hereafter arise in the execution of the work under the resulting contract, as a consequence of failure to make necessary examinations and investigations, shall be accepted as an excuse for any failure or omission on the part of the Bidders to fulfill the requirements of the resulting contract.

2 DESCRIPTION OF SERVICES/COMMODITIES

2.1 Project Description

The City of Madison is seeking a Hazardous Materials Assessment Proposal for the Madison Fleet Services Building (FSB) and two auxiliary buildings located at 200 N. First St. The City is currently pursuing a design to comprehensively rehabilitate FSB and intends to remove all hazardous materials present in the three (3) designated buildings. The proposed assessment areas are identified in Exhibit-A. It is the intent of the City that all scope of this contract be complete by **April 15, 2019**. All onsite efforts conducted by the prospective consultant will occur in an active work environment. Minimal intervention with activities is required.

The FSB consists of eight significant periods of construction. The tabulated information below is based on data collected from existing drawings.

YEAR	DESCRIPTION	COMMENT
1953	New Construction: Fleet Facility	Refer to Exhibit-B
1967	Addition: Paint and Body Shop	~5,700 SF addition to the NW side
1993	Exterior Renovation	EIFS added to exterior wall
1994	HVAC Improvement	Paint and Body shop HVAC improvement
1997	Arch, Mech, and Electrical Improvement	Floor, Ceiling, and System improvement throughout
2003	Electrical System Improvement	Improvement throughout building
2007	Mech, FP, Plumbing, Security Improv.	Refer to Exhibit-C
2013	Roof Replacement	Replaced with an fully adhered EPDM membrane

Exhibit-A	Site plan identifying assessment area.
Exhibit-B	Drawing set of Fleet Services Building 1953 new construction. Set includes Architecture, Structural, Plumbing, and Heating/Ventilation.
Exhibit-C	Drawing set of Fleet Services Building 2007 refurbishment. Set includes Demolition, Mechanical, Plumbing, Electrical, and Fire Protection plans.
Exhibit-D	Collection of photographs of the Fleet Services Building. Photograph locations are indicated on accompanying floorplan.
Exhibit-E	Drawing set of Fueling Depot. 1992 new construction. Set includes Demolition, Mechanical, Plumbing, Electrical, and Fire Protection plans. Drawings were completed in 2007, and are the most current drawings of FSB.

2.2 Consulting Tasks and Descriptions

The required tasks for Hazardous Materials Assessment is as follows:

- 1) Assessment
 - a) Review all provided documentation for familiarity with the property.
 - b) Onsite assessment of asbestos contamination
 - c) Onsite assessment of lead contamination
- 2) Report
 - a) Provide a detailed assessment report of your findings for each of the categories listed above. The assessment report shall include a complete construction estimate for proper removal of all found hazardous materials.
 - b) Provide detailed drawings which locate contamination. The City will provide floor plan and RCP backgrounds.

2.3 Requirements

- 1) **Certifications/licenses:** The prospective Consultant shall provide at the time of submittal a valid certificate/license as:
 - a) Asbestos Inspector - licensed by the State of Wisconsin Department of Health Services.
 - b) Lead (Pb) Inspector - licensed by the State of Wisconsin Department of Health Services.

Note: Consultant shall be required to maintain all certifications/licenses in good standing with the State of Wisconsin during the entire duration of this contract. This shall include license/certificate renewal as appropriate. By submitting this bid the Consultant agrees to notify the City of Madison Project Manager in the event any certification/license is not renewed or is revoked by the State while under this contract.

- 2) **Field Experience:** The prospective Bidder shall have had a minimum of five (5) years field experience in each of the following related categories:
 - a) Asbestos Inspector having direct experience in the assessment of asbestos related items including but not limited to insulation, adhesives, boiler refractory & gaskets, electrical components, caulking & glazing materials, etc.
 - b) Lead (Pb) Inspector having direct experience in the assessment of lead related items including but not limited to paint, glazing and glazing compounds, glass, piping, etc.
- 3) **Equipment.** The prospective Consultant shall own or have access to the following tools and equipment:
 - a) General hand tools and sampling kits for taking field samples as needed.
 - b) Niton XLP 300 XRF Paint Analyzer or equivalent. Analyzer shall be properly calibrated and calibration certificate shall be made available upon request

2.4 Site Visit

If you wish to have a site visit, please contact Brent Pauba, bpaub@cityofmadison.com, (608) 266-4092.

3 REQUIRED INFORMATION AND CONTENT OF BIDS

- a. Form A – Signature Affidavit
- b. Form B – Receipt Forms and Submittal Checklist
- c. Form C – Contractor Profile Information
- d. Form D – Fee Proposal
- e. Form E – References



Form A: Signature Affidavit

RFB #: 8808-0-2019-BP Madison Public Market Hazmat Assessment

This form must be returned with your response.

In signing Proposals, we certify that we have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise take any action in restraint of free competition; that no attempt has been made to induce any other person or firm to submit or not to submit Proposals, that Proposals have been independently arrived at, without collusion with any other Proposers, competitor or potential competitor; that Proposals have not been knowingly disclosed prior to the opening of Proposals to any other Proposers or competitor; that the above statement is accurate under penalty of perjury.

The undersigned, submitting this Proposals, hereby agrees with all the terms, conditions, and specifications required by the City in this Request for Proposals, declares that the attached Proposals and pricing are in conformity therewith, and attests to the truthfulness of all submissions in response to this solicitation.

Proposers shall provide the information requested below. Include the legal name of the Proposers and signature of the person(s) legally authorized to bind the Proposers to a contract.

COMPANY NAME

SIGNATURE

DATE

PRINT NAME OF PERSON SIGNING



Form B: Receipt of Forms and Submittal Checklist

RFB #: 8808-0-2019-BP Madison Public Market Hazmat Assessment

This form must be returned with your response.

Proposers hereby acknowledge the receipt and/or submittal of the following forms:

Forms	Initial to Acknowledge SUBMITTAL	Initial to Acknowledge RECEIPT
Description of Services/Commodities	N/A	
Form A: Signature Affidavit		
Form B: Receipt of Forms and Submittal Checklist		
Form C: Vendor Profile		
Form D: Cost Proposal		
Form E: References		
Appendix A: Standard Terms & Conditions	N/A	
Appendix B: Contract for Purchase of Services	N/A	
Addendum #		
Addendum #		
Addendum #		
Addendum #		

VENDOR NAME

COMPANY NAME



Form C: Vendor Profile

RFB #: 8808-0-2019-BP Madison Public Market Hazmat Assessment

This form must be returned with your response.

COMPANY INFORMATION

COMPANY NAME (Make sure to use your complete, legal company name.)			
FEIN	(If FEIN is not applicable, SSN collected upon award)		
CONTACT NAME (Able to answer questions about proposal.)	TITLE		
TELEPHONE NUMBER	FAX NUMBER		
EMAIL			
ADDRESS	CITY	STATE	ZIP

AFFIRMATIVE ACTION CONTACT

The successful Contractor, who employs more than 15 employees and whose aggregate annual business with the City for the calendar year, in which the contract takes effect, is more than twenty-five thousand dollars (\$25,000), will be required to comply with the City of Madison Affirmative Action Ordinance, Section 39.02(9) within thirty (30) days of award of contract.

CONTACT NAME	TITLE		
TELEPHONE NUMBER	FAX NUMBER		
EMAIL			
ADDRESS	CITY	STATE	ZIP

ORDERS/BILLING CONTACT

Address where City purchase orders/contracts are to be mailed and person the department contacts concerning orders and billing.

CONTACT NAME	TITLE		
TELEPHONE NUMBER	FAX NUMBER		
EMAIL			
ADDRESS	CITY	STATE	ZIP

LOCAL VENDOR STATUS

The City of Madison has adopted a local preference purchasing policy granting a scoring preference to local suppliers. Only suppliers registered as of the bid's due date will receive preference. Learn more and register at the City of Madison website.

CHECK ONLY ONE:

- Yes**, we are a local vendor **and** have registered on the City of Madison website under the following category: _____ www.cityofmadison.com/business/localPurchasing
- No**, we are not a local vendor or have not registered.



Form D: Cost Proposal

RFB #: 8808-0-2019-BP Madison Public Market Hazmat Assessment

This form must be returned with your response.

Prepare the fee proposal as all inclusive, not-to-exceed, fixed fees:

- All Inclusive – Covers all direct and indirect necessary expenses including but not limited to; travel, telephone, copying and other out-of-pocket expenses.
- Not To Exceed – The actual fees shall not exceed the amount specified in fee proposal.
- Fixed Fee – All prices, rates, fees and conditions outlined in the proposal shall remain fixed and valid for the entire length of the contract and any/all renewals.

Cost Estimate

Any pricing increases or additions must be agreed upon in writing by both parties.

1. Provide an estimated cost for the on site assessment of the existing structure (all areas) for each of the categories listed in the table below (Table 1). This estimated cost shall include any fees associated with obtaining and testing material samples as needed.
2. Provide an estimated duration for conducting the on site assessment of the existing structure (all areas) for each of the categories listed in the chart below.
3. Provide an estimated cost for writing a detailed assessment report of your findings for each of the categories listed in the chart below. The assessment report shall include a complete construction estimate for proper removal of all found hazardous materials.

Table 1

Category	Assessment Duration (Days)	Assessment Cost (\$)	Report Cost (\$)	Category Total (\$)
Asbestos				
Lead Paint				

Total \$ _____

Availability

1. Is your company able to begin working on this project in March 2019?
Yes _____ No _____
2. Is your company able to have the work completed by April 15, 2019?
Yes _____ No _____

Requirements

1. Does your company hold all the certifications/licenses necessary to perform the services in this RFB? All must have been licensed by the State of Wisconsin Department of Health Services.

a. Asbestos Inspector

Yes _____ No _____

b. Lead (Pb) Inspector

Yes _____ No _____

2. Does your company have at least five (5) years field experience as:

a. Asbestos Inspector having direct oversight in the assessment of asbestos related items including but not limited to insulation, adhesives, boiler refractory & gaskets, electrical components, caulking & glazing materials, etc.

Yes _____ No _____

b. Lead (Pb) Inspector having direct oversight in the assessment of lead related items including but not limited to paint, glazing and glazing compounds, glass, piping, etc.

Yes _____ No _____

3. Does your company own or have access to the following tools and equipment?

a. General hand tools and sampling kits for taking field samples as needed.

Yes _____ No _____

b. Niton XLP 300 XRF Paint Analyzer or equivalent. Analyzer shall be properly calibrated and calibration certificate shall be made available upon request.

Yes _____ No _____

COMPANY NAME



Form E: References

RFB #: 8808-0-2019-BP Madison Public Market - Hazmat Assessment

This form must be returned with your response.

REFERENCE #1 – CLIENT INFORMATION			
COMPANY NAME	CONTACT NAME		
ADDRESS	CITY	STATE	ZIP
TELEPHONE NUMBER	FAX NUMBER		
EMAIL			
CONTRACT PERIOD	YEAR COMPLETED	TOTAL COST	
DESCRIPTION OF THE PERFORMED WORK			

REFERENCE #2 – CLIENT INFORMATION			
COMPANY NAME	CONTACT NAME		
ADDRESS	CITY	STATE	ZIP
TELEPHONE NUMBER	FAX NUMBER		
EMAIL			
CONTRACT PERIOD	YEAR COMPLETED	TOTAL COST	
DESCRIPTION OF THE PERFORMED WORK			

REFERENCE #3 – CLIENT INFORMATION			
COMPANY NAME	CONTACT NAME		
ADDRESS	CITY	STATE	ZIP
TELEPHONE NUMBER	FAX NUMBER		
EMAIL			
CONTRACT PERIOD	YEAR COMPLETED	TOTAL COST	
DESCRIPTION OF THE PERFORMED WORK			

COMPANY NAME



CITY OF MADISON

(STC-Form: 12/18/2018)

1. **General.** Throughout this document, "City of Madison," "City" and "Purchasing" shall be synonymous and mean the City of Madison. The words "bid" and "proposal" are synonymous, as are the words "bidder," "proposer" and "contractor." The phrases "request for proposal," "invitation for bids," "request," "invitation," and "solicitation" shall also be synonymous.
As applied to the winning or selected bidder, the words "bid," "proposal," and "contract" are synonymous.
 2. **Entire Agreement, Order of Precedence.** These standard terms and conditions shall apply to any Purchase Order issued as a result of this Request for Bid/Proposal, except where expressly stated otherwise in the RFP or in a written instrument covering this purchase signed by an authorized representative of the City and the Contractor, in a form approved by the City Attorney (a "Separate Contract"). If such a separate contract is executed it shall constitute the entire agreement and no other terms and conditions, whether oral or written, shall be effective or binding unless expressly agreed to in writing by the City.
If a Separate Contract is not executed, these Standard Terms and Conditions, the City's request for proposals, the version of the vendor's bid that was accepted by the City, and the City's Purchase Order (if any) shall constitute a contract and will be the entire agreement.
Order of Precedence: If there is a conflict between this Section A and any terms in the vendor's accepted bid or proposal, this Section A shall control unless the parties expressly agree to another order of precedence, in writing. If there is a conflict between this Section A and a Separate Contract, the terms and conditions of the Separate Contract shall control.
- I. TERMS FOR SUBMISSION OF BIDS: The following section applies to the bid/selection process only.**
3. This invitation for bids does not commit the City to award a contract, pay any costs incurred in preparation of bids, or to procure or contract for services or equipment. The City may require the bidder to participate in negotiation and to submit such additional price or technical or other revisions to his or her bids as may result from negotiation. The bidder shall be responsible for all costs incurred as part of his or her participation in the pre-award process.
The City reserves the right to accept or reject any or all bids submitted, in whole or in part, and to waive any informalities or technicalities which at the City's discretion are determined to be in the best interests of the City. Further, the City makes no representations that a contract will be awarded to any offeror responding to this request. The City expressly reserves the right to reject any and all bids responding to this invitation without indicating any reasons for such rejections(s).
The City reserves the right to postpone due dates and openings for its own convenience and to withdraw this solicitation at any time without prior notice.
 4. **Addenda.** Changes affecting the specifications will be made by addenda. Changes may include, or result in, a postponement in the bid due date. Bidders are required to complete the Bidder Response Sheet, acknowledging receipt of all parts of the bid, including all addenda.
 5. **Price Proposal.** All bidders are required to identify the proposed manufacturer and model, and to indicate the proposed delivery time on the attached Proposal Form. Failure to do so may cause the bid to be considered not responsive. If desired, the bidder may include product literature and specifications. The price quoted will remain firm throughout each contract period. Any price increase proposed shall be submitted sixty (60) calendar days prior to subsequent contract periods and shall be limited to fully documented cost increases to the bidder which are demonstrated to be industry-wide.
 6. **Price Inclusion.** The price quoted in any bid shall include all items of labor, materials, tools, equipment, and other costs necessary to fully complete the furnishing and delivery of equipment or services pursuant to the specifications attached thereof. Any items omitted from the specifications which are clearly necessary for the completion of the project shall be considered a portion of the specifications although not directly specified or called for in these specifications.
 7. **Pricing and Discount.**
 - a. Unit prices shown on the bid/proposal or contract shall be the price per unit of sale (e.g., gal., cs., doz., ea., etc.) as stated on the bid/proposal or contract. For any given item, the quantity multiplied by the unit price shall establish the extended price. If an apparent mistake exists in the extended price, the unit price shall govern in the bid/proposal evaluation and contract administration.
 - b. In determination of award, discounts for early payment will only be considered when all other conditions are equal. Early payment is defined as payment within fifteen (15) days providing the discount terms are deemed favorable. All payment terms must allow the option of Net 30.
 8. **F.O.B. Destination Freight Prepaid.** Bid prices must include all handling, transportation and insurance charges. Failure to bid FOB Destination Freight Prepaid may disqualify your bid.
 9. **Award.**
 - a. The City will have sole discretion as to the methodology used in making the award. Where none is specified, the award will be made to the lowest responsible bidder in compliance with the specifications and requirements of this solicitation.
 - b. The right is reserved to make a separate award of each item, group of items or all items, and to make an award in whole or in part, whichever is deemed in the best interest of the City.
 10. **Responsiveness and Responsibility.** Award will be made to the responsible and responsive bidder whose bid is most advantageous to the City with price and other factors considered. For the purposes of this project, responsiveness is defined as the bidder's conformance to the requirements of the solicitation. Being not responsive includes the failure to furnish information requested.
Responsibility is defined as the bidder's potential ability to perform successfully under the terms of the proposed contract. Briefly, a responsible bidder has adequate financial resources or the ability to obtain said resources; can comply with required delivery taking into

account other business commitments; has a satisfactory performance record; has a satisfactory record of integrity and business ethics; and has the necessary organization, experience and technical skills.

The City reserves the right to refuse to accept any bid from any person, firm or corporation that is in arrears or is in default to the City, or has failed to perform faithfully any previous contract with the City. If requested, the bidder must present within five (5) working days evidence satisfactory to the City of performance ability and possession of necessary facilities, financial resources, adequate insurance, and any other resources required to determine the bidder's ability to comply with the terms of this solicitation document.

11. Cancellation.

- a. The City reserves the right to cancel any contract in whole or in part without penalty due to non-appropriation of funds.
- b. In the event the Bidder shall default in any of the covenants, agreements, commitments, or conditions and any such default shall continue unremedied for a period of ten (10) days after written notice to the Bidder, the City may, at its option and in addition to all other rights and remedies which it may have, terminate the Agreement and all rights of the Bidder under the Agreement.
- c. Failure to maintain the required certificates of insurance, permits, licenses and bonds will be cause for contract termination. If the Bidder fails to maintain and keep in force the insurance, if required, the City shall have the right to cancel and terminate the contract without notice.

II. CONDITIONS OF PURCHASE: The following section applies to purchases/contracts after the award. See Paragraphs 1 & 2 for applicability and order of precedence.

12. Specifications.

- a. All bidders must be in compliance with all specifications and any drawings provided with this solicitation. Exceptions taken to these specifications must be noted on your bid.
- b. When specific manufacturer and model numbers are used, they are to establish a design, type, construction, quality, functional capability and/or performance level desired. When alternates are bid/proposed, they must be identified by manufacturer, stock number, and the bidder/proposer is responsible for providing sufficient information to establish equivalency. The City shall be the sole judge of equivalency. Bidders are cautioned to avoid bidding alternates which do not meet specifications, which may result in rejection of their bid/proposal.

13. Regulatory Compliance.

- a. Seller represents and warrants that the goods or services furnished hereunder, including all labels, packages, and container for said goods, comply with all applicable standards, rules and regulations in effect under the requirements of all Federal, State and local laws, rules and regulations as applicable, including the Occupational Safety and Health Act (OSHA), as amended, with respect to design, manufacture or use for their intended purpose of said goods or services. Seller shall furnish Material Safety Data Sheets (MSDS) whenever applicable.
- b. If it is determined by the City that such standards are not met, the seller agrees to bear all costs required to meet the minimum standards as stated above for the equipment/products furnished under this contract.

14. Warranty. Unless otherwise specifically stated by the bidder, products shall be warranted against defects by the bidder for ninety (90) days from the date of receipt. If bidder or manufacturer offers warranty that exceeds 90 days, such warranty shall prevail.

15. Ownership of Printing Materials. All artwork, camera-ready copy, negative, dies, photos and similar materials used to produce a printing job shall become the property of the City. Any furnished materials shall remain the property of the City. Failure to meet this requirement will disqualify your bid.

16. Item Return Policy. Bidder will be required to accept return of products ordered in error for up to twenty-one (21) calendar days from date of receipt, with the City paying only the return shipping costs. Indicate in detail on the Bidder Response Sheet, your return policy.

17. Payment Terms and Invoicing. The City will pay properly submitted vendor invoices within thirty (30) days of receipt, providing good and/or services have been delivered, installed (if required), and accepted as specified.

- a. Payment shall be considered timely if the payment is mailed, delivered, or transferred within thirty (30) days after receipt of a properly completed invoice, unless the vendor is notified in writing by the agency of a dispute before payment is due.
- b. Invoices presented for payment must be submitted in accordance with instructions contained on the purchase order, including reference to purchase order and submittal to the correct address for processing. Invoice payment processing address is shown on the upper middle section of the purchase order. Send invoices to Accounts Payable address on the purchase order. Do not send invoices to Purchasing or ship to address.
- c. Bidders, proposers shall include discounts for early payment as a percent reduction of invoice. Invoice discounts shall be determined where applicable, from the date of acceptance of goods and/or the receipt of invoice, whichever is later. Discounts for early payment terms stated on the bid/proposal must be shown plainly on the invoice; discounts for early payment not shown on the invoice will be taken.
- d. Invoices submitted not in accordance with these instructions will be removed from the payment process and returned within ten (10) days.

18. F.O.B. Destination Freight Prepaid. Unless otherwise agreed in writing, the vendor shall bear all handling, transportation and insurance charges. Title of goods shall pass upon acceptance of goods at the City's dock.

19. Tax Exemption. The City of Madison is exempt from the payment of Federal Excise Tax and State Sales Tax. **The City Tax Exempt number is ES 42916.** Any other sales tax, use tax, imposts, revenues, excise, or other taxes which are now, or which may hereafter be imposed by Congress, the State of Wisconsin, or any other political subdivision thereof and applicable to the sale of material delivered as a result of the bidder's bid and which, by terms of the tax law, may be passed directly to the City, will be paid by the City.

20. Affirmative Action.

A. The following language applies to all successful bidders employing fifteen (15) or more employees (MGO 39.02(9)(c):

The Contractor agrees that, within thirty (30) days after the effective date of this Contract, Contractor will provide to the City of Madison Department of Civil Rights (the "Department"), certain workforce utilization statistics, using a form provided by the City.

If the Contract is still in effect, or if the City enters into a new Agreement with the Contractor, within one year after the date on which the form was required to be provided, the Contractor will provide updated workforce information using a second form, also to be furnished by the City. The second form will be submitted to the Department no later than one year after the date on which the first form was required to be provided.

The Contractor further agrees that, for at least twelve (12) months after the effective date of this Contract, it will notify the Department of each of its job openings at facilities in Dane County for which applicants not already employees of the Contractor are to be considered. The notice will include a job description, classification, qualifications, and application procedures and deadlines, shall be provided to the City by the opening date of advertisement and with sufficient time for the City to notify candidates and make a timely referral. The Contractor agrees to interview and consider candidates referred by the Department, or an organization designated by the Department, if the candidate meets the minimum qualification standards established by the Contractor, and if the referral is timely. A referral is timely if it is received by the Contractor on or before the date stated in the notice.

The Department will determine if a contractor is exempt from the above requirements (Sec. 20.A.) at the time the Request for Exemption in 20.B.(2) is made.

B. Articles of Agreement, Request for Exemption, and Release of Payment:

The "ARTICLES OF AGREEMENT" beginning on the following page, apply to all contractors, unless determined to be exempt under the following table and procedures:

NUMBER OF EMPLOYEES	LESS THAN \$50,000 Aggregate Annual Business with the City*	\$50,000 OR MORE Aggregate Annual Business with the City*
14 or less	Exempt**	Exempt**
15 or more	Exempt**	Not Exempt

*As determined by the Finance Director

**As determined by the Department of Civil Rights

(1) Exempt Status: In this section, "Exempt" means the Contractor is exempt from the Articles of Agreement in section 20.B.(5) of this Contract and from filing an Affirmative Action plan as required by Section IV of the Articles of Agreement. The Department of Civil Rights ("Department") makes the final determination as to whether a contractor is exempt. If the Contractor is not exempt, sec. 20.B.(5) shall apply and Contractor shall select option A. or B. under Article IV therein and file an Affirmative Action Plan.

(2) Request for Exemption – Fewer Than 15 Employees: (MGO 39.02(9)(a)2.) Contractors who believe they are exempt based on number of employees shall submit a Request for Exemption on a form provided by the Department within thirty (30) days of the effective date of this Contract.

(3) Exemption – Annual Aggregate Business: (MGO 39.02(9)(a)c.): The Department will determine, at the time this Contract is presented for signature, if the Contractor is exempt because it will have less than \$50,000 in annual aggregate business with the City for the calendar year in which the contract is in effect. CONTRACTORS WITH 15 OR MORE EMPLOYEES WILL LOSE THIS EXEMPTION AND BECOME SUBJECT TO SEC. 20.B.(5) UPON REACHING \$50,000 OR MORE ANNUAL AGGREGATE BUSINESS WITH THE CITY WITHIN THE CALENDAR YEAR, BEGINNING IN 2019.

(4) Release of Payment: (MGO 39.02(9)(e)1.b.) All non-exempt contractors must have an approved Affirmative Action plan meeting the requirements of Article IV below on file with the Department within thirty (30) days of the effective date of this Contract and prior to release of payment by the City. Contractors that are exempt based on number of employees agree to file a Request for Exemption with the Department within thirty (30) days of the effective date and prior to release of payment by the City.

(5) Articles of Agreement:

ARTICLE I

The Contractor shall take affirmative action in accordance with the provisions of this Contract to insure that applicants are employed, and that employees are treated during employment without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin and that the employer shall provide harassment-free work environment for the realization of the potential of each employee. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship insofar as it is within the control of the Contractor. The Contractor agrees to post in conspicuous places available to employees and applicants notices to be provided by the City setting out the provisions of the nondiscrimination clauses in this Contract.

ARTICLE II

The Contractor shall in all solicitations or advertisements for employees placed by or on behalf of the Contractors state that all qualified or qualifiable applicants will be employed without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin.

ARTICLE III

The Contractor shall send to each labor union or representative of workers with which it has a collective bargaining Agreement or other Contract or understanding a notice to be provided by the City advising the labor union or workers representative of the Contractor's equal employment opportunity and affirmative action commitments. Such notices shall be posted in conspicuous places available to employees and applicants for employment.

ARTICLE IV

(This Article applies to non-public works contracts.)

The Contractor agrees that it will comply with all provisions of the Affirmative Action Ordinance of the City of Madison (MGO 39.02) including the Contract compliance requirements. The Contractor warrants and certifies that one of the following paragraphs is true (check one):

- A. Contractor has prepared and has on file an affirmative action plan that meets the format requirements of Federal Revised Order No. 4, 41 CFR part 60-2, as established by 43 FR 51400 November 3, 1978, including appendices required by City of Madison ordinances or it has prepared and has on file a model affirmative action plan approved by the Madison Common Council.
- B. Within thirty (30) days after the effective date of this Contract, Contractor will complete an affirmative action plan that meets the format requirements of Federal Revised Order No. 4, 41 CFR Part 60-2, as established by 43 FR 51400, November 3, 1978, including appendices required by City of Madison ordinance or within thirty (30) days after the effective date of this Contract, it will complete a model affirmative action plan approved by the Madison Common Council.
- C. Contractor believes it is exempt from filing an affirmative action plan because it has fewer than fifteen (15) employees and has filed, or will file within thirty (30) days after the effective date of this Contract, a form required by the City to confirm exempt status based on number of employees. If the City determines that Contractor is not exempt, the Articles of Agreement will apply.
- D. Contractor believes it is exempt from filing an affirmative action plan because its annual aggregate business with the City for the calendar year in which the contract is in effect is less than fifty thousand dollars (\$50,000), or for another reason listed in MGO 39.02(9)(a)2. If the City determines that Contractor is not exempt, the Articles of Agreement will apply.

ARTICLE V

(This Article applies only to public works contracts.)

The Contractor agrees that it will comply with all provisions of the Affirmative Action Ordinance of the City of Madison, including the Contract compliance requirements. The Contractor agrees to submit the model affirmative action plan for public works Contractors in a form approved by the Director of Affirmative Action.

ARTICLE VI

The Contractor will maintain records as required by Section 39.02(9)(f) of the Madison General Ordinances and will provide the City's Department of Affirmative Action with access to such records and to persons who have relevant and necessary information, as provided in Section 39.02(9)(f). The City agrees to keep all such records confidential, except to the extent that public inspection is required by law.

ARTICLE VII

In the event of the Contractor's or subcontractor's failure to comply with the Equal Employment Opportunity and Affirmative Action provisions of this Contract or Sections 39.03 and 39.02 of the Madison General Ordinances, it is agreed that the City at its option may do any or all of the following:

- A. Cancel, terminate or suspend this Contract in whole or in part.
- B. Declare the Contractor ineligible for further City contracts until the Affirmative Action requirements are met.
- C. Recover on behalf of the City from the prime Contractor 0.5 percent of the Contract award price for each week that such party fails or refuses to comply, in the nature of liquidated damages, but not to exceed a total of five percent (5%) of the Contract price, or ten thousand dollars (\$10,000), whichever is less. Under public works contracts, if a subcontractor is in noncompliance, the City may recover liquidated damages from the prime Contractor in the manner described above. The preceding sentence shall not be construed to prohibit a prime Contractor from recovering the amount of such damage from the noncomplying subcontractor.

ARTICLE VIII

(This Article applies to public works contracts only.)

The Contractor shall include the above provisions of this Contract in every subcontract so that such provisions will be binding upon each subcontractor. The Contractor shall take such action with respect to any subcontractor as necessary to enforce such provisions, including sanctions provided for noncompliance.

ARTICLE IX

The Contractor shall allow the maximum feasible opportunity to small business enterprises to compete for any subcontracts entered into pursuant to this Contract. (In federally funded contracts the terms "DBE, MBE, and WBE" shall be substituted for the term "small business" in this Article.)

21. Non-Discrimination. In the performance of work under this Contract, the Contractor agrees not to discriminate against any employee or applicant for employment because of race, religion, marital status, age, color, sex, handicap, national origin or ancestry, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, sexual orientation, gender identity, political beliefs or student status. Contractor further agrees not to discriminate against any subcontractor or person who offers to subcontract on this Contract because of race, religion, color, age, disability, sex, sexual orientation, gender identity or national origin.

22. Prevailing Wage. Where applicable under federal law, the Contractor warrants that prevailing wages will be paid to all trades and occupations.
23. Indemnification. **The Contractor shall be liable to and hereby agrees to indemnify, defend and hold harmless the City of Madison, and its officers, officials, agents, and employees against all loss or expense (including liability costs and attorney's fees) by reason of any claim or suit, or of liability imposed by law upon the City or its officers, officials, agents or employees for damages because of bodily injury, including death at any time resulting therefrom, sustained by any person or persons or on account of damages to property, including loss of use thereof, arising from, in connection with, caused by or resulting from the acts or omissions of Contractor and any of Contractor's subcontractors in the performance of this agreement, whether caused by or contributed to by the negligence of the City or its officers, officials, agents or employees.**
24. Insurance.
The Contractor will insure, and will require each subcontractor to insure, as indicated, against the following risks to the extent stated below. The Contractor shall not commence work under this Contract, nor shall the Contractor allow any Subcontractor to commence work on its Subcontract, until the insurance required below has been obtained and corresponding certificate(s) of insurance have been approved by the City Risk Manager.
- Commercial General Liability - The Contractor shall procure and maintain during the life of this contract, Commercial General Liability insurance including, but not limited to, products and completed operations, bodily injury, property damage, personal injury, and products and completed operations (unless determined to be inapplicable by the Risk Manager) in an amount not less than \$1,000,000 per occurrence. This policy shall also provide contractual liability in the same amount. Contractor's coverage shall be primary and list the City of Madison, its officers, officials, agents and employees as additional insureds. Contractor shall require all subcontractors under this Contract (if any) to procure and maintain insurance meeting the above criteria, applying on a primary basis and listing the City of Madison, its officers, officials, agents and employees as additional insureds.
 - Automobile Liability - The Contractor shall procure and maintain during the life of this contract Business Automobile Liability insurance covering owned, non-owned and hired automobiles with limits of not less than \$1,000,000 combined single limit per accident. Contractor shall require all subcontractors under this Contract (if any) to procure and maintain insurance covering each subcontractor and meeting the above criteria.
 - Worker's Compensation - The Contractor shall procure and maintain during the life of this contract statutory Workers' Compensation insurance as required by the State of Wisconsin. The Contractor shall also carry Employers Liability limits of at least \$100,000 Each Accident, \$100,000 Disease – Each Employee, and \$500,000 Disease – Policy Limit. Contractor shall require all subcontractors under this Contract (if any) to procure and maintain such insurance, covering each subcontractor.
 - Professional Liability - The Contractor shall procure and maintain professional liability insurance with coverage of not less than \$1,000,000. If such policy is a "claims made" policy, all renewals thereof during the life of the contract shall include "prior acts coverage" covering at all times all claims made with respect to Contractor's work performed under the contract. This Professional Liability coverage must be kept in force for a period of six (6) years after the services have been accepted by the City.
 - Acceptability of Insurers - The above-required insurance is to be placed with insurers who have an A.M. Best rating of no less than A- (A minus) and a Financial Category rating of no less than VII.
 - Proof of Insurance, Approval. The Contractor shall provide the City with certificate(s) of insurance showing the type, amount, effective dates, and expiration dates of required policies prior to commencing work under this Contract. Contractor shall provide the certificate(s) to the City's representative upon execution of the Contract, or sooner, for approval by the City Risk Manager. If any of the policies required above expire while this Contract is in effect, Contractor shall provide renewal certificate(s) to the City for approval. Certificate Holder language should be listed as follows:
City of Madison
ATTN: Risk Management, Room 406
210 Martin Luther King, Jr. Blvd.
Madison, WI 53703
The Contractor shall provide copies of additional insured endorsements or insurance policies, if requested by the City Risk Manager. The Contractor and/or Insurer shall give the City thirty (30) days advance written notice of cancellation, non-renewal or material changes to any of the above-required policies during the term of this Contract.
25. Work Site Damages. Any damage, including damage to finished surfaces, resulting from the performance of this contract shall be repaired to the Owner's satisfaction at the Contractor's expense.
26. Compliance.
- Regulations. The Contractor shall give all notices and comply with all laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the performance of the work.
 - Licensing and Permits. The Contractor selected under this bid shall be required to demonstrate valid **possession of appropriate required licenses and will** keep them in effect for the term of this contract. The Contractor shall also be required, when appropriate, to obtain the necessary building permits prior to performing work on City facilities.
27. Warranty of Materials and Workmanship.
- The Contractor warrants that, unless otherwise specified, all materials and equipment incorporated in the work under the Contract shall be new, first class, and in accordance with the Contract Documents. The Contractor further warrants that all workmanship shall be first class and in accordance with the Contract Documents and shall be performed by persons qualified in their respective trades.
 - Work not conforming to these warranties shall be considered defective.
 - This warranty of materials and workmanship is separate and independent from and in addition to any other guarantees in this Contract.
28. Replacement of Defective Work or Materials. Any work or material found to be in any way defective or unsatisfactory shall be corrected or replaced by the Contractor at its own expense at the order of the City notwithstanding that it may have been previously overlooked or passed

by an inspector. Inspection shall not relieve the Contractor of its obligations to furnish materials and workmanship in accordance with this contract and its specifications.

29. Reservation of the Right to Inspect Work. At any time during normal business hours and as often as the City may deem necessary, the Contractor shall permit the authorized representatives of the City to review and inspect all materials and workmanship at any time during the duration of this contract, provided, however, the City is under no duty to make such inspections, and any inspection so made shall not relieve the Contractor from any obligation to furnish materials and workmanship strictly in accordance with the instructions, contract requirements and specifications.

30. Sweatfree Procurement of Items of Apparel. If this bid results in the procurement of \$5,000 or more in garments or items of clothing, any part of which is a textile, or any shoes/ footwear, then Sec. 4.25 of the Madison General Ordinances, "Procurement of Items of Apparel", is hereby incorporated by reference and made part of this contract. See Section 4.25(2) at www.municode.com for applicability specifics. The contractor shall follow labor practices consistent with international standards of human rights, meaning that, at a minimum, contractor shall adhere to the minimum employment standards found in Section 4.25 and shall require all subcontractors and third-party suppliers to do the same. For purposes of sec. 4.25, "Subcontractor" means a person, partnership, corporation or other entity that enters into a contract with the contractor for performance of some or all of the City-contracted work and includes all third-party suppliers or producers from whom the contractor or its contractors obtains or sources goods, parts or supplies for use on the city contract and is intended to include suppliers at all level of the supply chain. The standards in Sec. 4.25 shall apply in all aspects of the contractor's and subcontractor's operations, including but not limited to, manufacture, assembly, finishing, laundering or dry cleaning, (where applicable), warehouse distribution, and delivery. Contractor acknowledges that by entering into this contract, Contractor shall be subject to all of the requirements and sanctions of sec. 4.25 of the Madison General Ordinances.

The sanctions for violating Sec. 4.25 under an existing contract are as follows:

- a. Withholding of payments under an existing contract.
- b. Liquidated damages. The contractor may be charged liquidated damages on an existing contract of two thousand dollars (\$2,000) per violation, or an amount equaling twenty percent (20%) of the value of the apparel, garments or corresponding accessories, equipment, materials, or supplies that the City demonstrates were produced in violation of the contract and/or this ordinance per violation; whichever is greater.
- c. Termination, suspension or cancellation of a contract in whole or in part.
- d. Nonrenewal when a contract calls for optional renewals.
- e. Nonrenewal for lack of progress or impossible compliance. The City reserves the right to refuse to renew the contract that calls for optional renewals, when the contractor cannot comply with the minimum standard under (4)(b) and the noncompliance is taking place in a country where:
 - (1) Progress toward implementation of the standards in this Ordinance is no longer being made; and
 - (2) Compliance with the employment standards in the Ordinance is deemed impossible by the City and/or any independent monitoring agency acting on behalf of the City. Such determination shall be made in the sole opinion of the City and may be based upon examination of reports from governmental, human rights, labor and business organizations and after consultation with the relevant contractors and sub-contractors and any other evidence the City deems reliable.
- f. Disqualification of the contractor from bidding or submitting proposals on future City contracts, or from eligibility for future city procurements as defined in sub. (2), whether or not formal bidding or requests for proposals are used, for a period of one (1) year after the first violation is found and for a period of three (3) years after a second or subsequent violation is found. The disqualification shall apply to the contractor who committed the violation(s) whether that be under the same corporate name, or as an individual, or under the name of another corporation or business entity of which he or she is a member, partner, officer, or agent.

The exercise by the City of any or all of the above remedies, or failure to so exercise, shall not be construed to limit other remedies available to the City under this Contract nor to any other remedies available at equity or at law.

31. Local Purchasing. The City of Madison has adopted a local preference purchasing policy granting a 5 percent request for proposal and 1 percent request for bid scoring preference to local vendors.

To facilitate the identification of local suppliers, the City has provided an on-line website as an opportunity for suppliers to voluntarily identify themselves as local, and to assist City staff with their buying decisions. Proposers seeking to obtain local preference are required to register on the City of Madison online registration website. Only vendors registered as of the bid due date will receive preference. Additional information is available at: www.cityofmadison.com/business/localPurchasing.

32. Weapons Prohibition. Contractor shall prohibit, and shall require its subcontractors to prohibit, its employees from carrying weapons, including concealed weapons, in the course of performance of work under this Contract, other than while at the Contractor's or subcontractor's own business premises. This requirement shall apply to vehicles used at any City work site and vehicles used to perform any work under this Contract, except vehicles that are an employee's "own motor vehicle" pursuant to Wis. Stat. sec. 175.60(15m). This section does not apply to employees who are required to carry a weapon under the express terms of the Contract (such as armed security guard services, etc.).

33. Software & Technology Purchases.

- a. Software Licenses. All software license agreements shall include the City's mandatory legal terms and conditions as determined by the City Attorney. Please be advised that no City employee has the authority to bind the City by clicking on an End User License Agreement (EULA) or any other click-through terms and conditions without being specifically authorized by the City's Chief Information Officer through procedures approved by the City Attorney and Risk Manager. All legal documents associated with the purchase or download of software must be reviewed by the City Attorney and may only be signed by an individual authorized to do so.
- b. Network Connection Policy. If this purchase includes software support, software maintenance, network services, and/or system development services and will require a Network Connection the City Network (as defined in the following link), the City's Network Connection Policy found at this link: www.cityofmadison.com/attorney/documents/posNetworkConnection.doc is hereby incorporated and made a part of the Contract and Contractor agrees to comply with all of its requirements.

34. Ban the Box - Arrest and Criminal Background Checks.

This provision applies to service contracts of more than \$25,000 executed by the City on January 1, 2016 or later, unless exempt by Sec. 39.08 of the Madison General Ordinances (MGO).

a. Definitions. For purposes of this requirement, "Arrest and Conviction Record" includes, but is not limited to, information indicating that a person has been questioned, apprehended, taken into custody or detention, held for investigation, arrested, charged with, indicted or tried for any felony, misdemeanor or other offense pursuant to any law enforcement or military authority.

"Conviction record" includes, but is not limited to, information indicating that a person has been convicted of a felony, misdemeanor or other offense, placed on probation, fined, imprisoned or paroled pursuant to any law enforcement or military authority.

"Background Check" means the process of checking an applicant's arrest and conviction record, through any means.

b. Requirements. For the duration of any contract awarded under this RFP, the successful contractor shall:

(1) Remove from all job application forms any questions, check boxes, or other inquiries regarding an applicant's arrest and conviction record, as defined herein.

(2) Refrain from asking an applicant in any manner about their arrest or conviction record until after a conditional offer of employment is made to the applicant in question.

(3) Refrain from conducting a formal or informal background check or making any other inquiry using any privately or publicly available means of obtaining the arrest or conviction record of an applicant until after a conditional offer of employment is made to the applicant in question.

(4) Make information about this ordinance available to applicants and existing employees, and post notices in prominent locations at the workplace with information about the ordinance and complaint procedure, using language provided by the City.

(5) Comply with all other provisions of Sec. 39.08, MGO.

c. Exemptions: This section does not apply when:

(1) Hiring for a position where certain convictions or violations are a bar to employment in that position under applicable law, or

(2) Hiring a position for which information about criminal or arrest record, or a background check is required by law to be performed at a time or in a manner that would otherwise be prohibited by this ordinance, including a licensed trade or profession where the licensing authority explicitly authorizes or requires the inquiry in question.

To be exempt under sec. C.1. or 2. above, contractor must demonstrate to the City that there is a law or regulation that requires the background check in question. If so, the contractor is exempt from this section for the position(s) in question.

City of Madison CONTRACT FOR PURCHASE OF SERVICES

1. **PARTIES.**

This is a Contract between the City of Madison, Wisconsin, hereafter referred to as the "City" and _____ hereafter referred to as "Contractor."

The Contractor is a: Corporation Limited Liability Company General Partnership LLP
 (to be completed by contractor) Sole Proprietor Unincorporated Association Other: _____.

2. **PURPOSE.**

The purpose of this Contract is as set forth in Section 3.

3. **SCOPE OF SERVICES AND SCHEDULE OF PAYMENTS.**

Contractor will perform the following services and be paid according to the following schedule(s) or attachment(s):

Order of Precedence: In the event of a conflict between the terms of this Contract for Purchase of Services and the terms of any document attached or incorporated herein, the terms of this Contract for Purchase of Services shall control and supersede any such conflicting term.

4. **TERM AND EFFECTIVE DATE.**

This Contract shall become effective upon execution by the Mayor, (or the Purchasing Agent, if authorized) on behalf of the City of Madison, unless another effective date is specified in the Attachment(s) incorporated in Section 3, however in no case shall work commence before execution by the City of Madison. The term of this Contract shall be

5. **ENTIRE AGREEMENT.**

This Contract for Purchase of Services, including any and all attachments, exhibits and other documents referenced in Section 3 (hereafter, "Agreement" or "Contract") is the entire Agreement of the parties and supersedes any and all oral contracts and negotiations between the parties. If any document referenced in Section 3 includes a statement that expressly or implicitly disclaims the applicability of this Contract for Purchase of Services, or a statement that such other document is the "entire agreement," such statement shall be deemed rejected and shall not apply to this Contract.

6. **ASSIGNABILITY/SUBCONTRACTING.**

Contractor shall not assign or subcontract any interest or obligation under this Contract without the City's prior written approval. All of the services required hereunder will be performed by Contractor and employees of Contractor.

7. **DESIGNATED REPRESENTATIVE.**

A. Contractor designates _____ as Contract Agent with primary responsibility for the performance of this Contract. In case this Contract Agent is replaced by another for any reason, the Contractor will designate another Contract Agent within seven (7) calendar days of the time the first terminates his or her employment or responsibility using the procedure set forth in Section 15, Notices.

B. In the event of the death, disability, removal or resignation of the person designated above as the Contract agent, the City may accept another person as the Contract agent or may terminate this Agreement under Section 25, at its option.

8. **PROSECUTION AND PROGRESS.**

A. Services under this Agreement shall commence upon written order from the City to the Contractor, which order will constitute authorization to proceed; unless another date for commencement is specified elsewhere in this Contract including documents incorporated in Section 3.

B. The Contractor shall complete the services under this Agreement within the time for completion specified in Section 3, the Scope of Services, including any amendments. The Contractor's services are completed when the City notifies the Contractor in writing that the services are complete and are acceptable. The time for completion shall not be extended because of any delay attributable to the Contractor, but it may be extended by the City in the event of a delay attributable to the City, or in the event of unavoidable delay caused by war, insurrection, natural disaster, or other unexpected event beyond the control of the Contractor. If at any time the Contractor believes that the time for completion of the work should be extended because of unavoidable delay caused by an unexpected event, or because of a delay attributable to the City, the Contractor shall notify the City as soon as possible, but not later than seven (7) calendar days after such an event. Such notice shall include any justification for an extension of time and shall identify the amount of time claimed to be necessary to complete the work.

C. Services by the Contractor shall proceed continuously and expeditiously through completion of each phase of the work.

D. Progress reports documenting the extent of completed services shall be prepared by the Contractor and submitted to the City with each invoice under Section 24 of this Agreement, and at such other times as the City may specify, unless another procedure is specified in Section 3.

E. The Contractor shall notify the City in writing when the Contractor has determined that the services under this Agreement have been completed. When the City determines that the services are complete and are acceptable, the City will provide written notification to the Contractor, acknowledging formal acceptance of the completed services.

9. **AMENDMENT.**

This Contract shall be binding on the parties hereto, their respective heirs, devisees, and successors, and cannot be varied or waived by any oral representations or promise of any agent or other person of the parties hereto. Any other change in any provision of this Contract may only be made by a written amendment, signed by the duly authorized agent or agents who executed this Contract.

10. **EXTRA SERVICES.**

The City may require the Contractor to perform extra services or decreased services, according to the procedure set forth in Section 24. Extra services or decreased services means services which are not different in kind or nature from the services called for in the Scope of Services, Section 3, but which may increase or decrease the quantity and kind of labor or materials or expense of performing the services. Extra services may not increase the total Contract price, as set forth in Section 23, unless the Contract is amended as provided in Section 9 above.

11. **NO WAIVER.**

No failure to exercise, and no delay in exercising, any right, power or remedy hereunder on the part of the City or Contractor shall operate as a waiver thereof, nor shall any single or partial exercise of any right, power or remedy preclude any other or further exercise thereof or the exercise of any other right, power or remedy. No express waiver shall affect any event or default other than the event or default specified in such waiver, and any such waiver, to be effective, must be in writing and shall be operative only for the time and to the extent expressly provided by the City or Contractor therein. A waiver of any covenant, term or condition contained herein shall not be construed as a waiver of any subsequent breach of the same covenant, term or condition.

12. **NON-DISCRIMINATION.**

In the performance of work under this Contract, the Contractor agrees not to discriminate against any employee or applicant for employment because of race, religion, marital status, age, color, sex, handicap, national origin or ancestry, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, sexual orientation, gender identity, political beliefs or student status. Contractor further agrees not to discriminate against any subcontractor or person who offers to subcontract on this Contract because of race, religion, color, age, disability, sex, sexual orientation, gender identity or national origin.

13. **AFFIRMATIVE ACTION.**

A. The following language applies to all contractors employing fifteen (15) or more employees (MGO 39.02(9)(c):

The Contractor agrees that, within thirty (30) days after the effective date of this Contract, Contractor will provide to the City of Madison Department of Civil Rights (the "Department"), certain workforce utilization statistics, using a form provided by the City.

If the Contract is still in effect, or if the City enters into a new Agreement with the Contractor, within one year after the date on which the form was required to be provided, the Contractor will provide updated workforce information using a second form, also to be furnished by the City. The second form will be submitted to the Department no later than one year after the date on which the first form was required to be provided.

The Contractor further agrees that, for at least twelve (12) months after the effective date of this Contract, it will notify the Department of each of its job openings at facilities in Dane County for which applicants not already employees of the Contractor are to be considered. The notice will include a job description, classification, qualifications, and application procedures and deadlines, shall be provided to the City by the opening date of advertisement and with sufficient time for the City to notify candidates and make a timely referral. The Contractor agrees to interview and consider candidates referred by the Department, or an organization designated by the Department, if the candidate meets the minimum qualification standards established by the Contractor, and if the referral is timely. A referral is timely if it is received by the Contractor on or before the date stated in the notice.

The Department will determine if a contractor is exempt from the above requirements (Sec. 13.A.) at the time the Request for Exemption in 13.B.(2) is made.

B. Articles of Agreement, Request for Exemption, and Release of Payment:

The "ARTICLES OF AGREEMENT" beginning on the following page, apply to all contractors, unless determined to be exempt under the following table and procedures:

NUMBER OF EMPLOYEES	LESS THAN \$50,000 Aggregate Annual Business with the City*	\$50,000 OR MORE Aggregate Annual Business with the City*
14 or less	Exempt**	Exempt**
15 or more	Exempt**	Not Exempt

*As determined by the Finance Director

**As determined by the Department of Civil Rights

(1) **Exempt Status:** In this section, "Exempt" means the Contractor is exempt from the Articles of Agreement in section 13.B.(5) of this Contract and from filing an Affirmative Action plan as required by Section IV of the Articles of Agreement. The Department of Civil Rights ("Department") makes the final determination as to whether a contractor is exempt. If the Contractor is not exempt, sec. 13.B.(5) shall apply and Contractor shall select option A. or B. under Article IV therein and file an Affirmative Action Plan.

(2) **Request for Exemption – Fewer Than 15 Employees:** (MGO 39.02(9)(a)2.) Contractors who believe they are exempt based on number of employees shall submit a Request for Exemption on a form provided by the Department within thirty (30) days of the effective date of this Contract.

(3) **Exemption – Annual Aggregate Business:** (MGO 39.02(9)(a)c.): The Department will determine, at the time this Contract is presented for signature, if the Contractor is exempt because it will have less than \$50,000 in annual aggregate business with the City for the calendar year in which the contract is in effect. **CONTRACTORS WITH 15 OR MORE EMPLOYEES WILL LOSE THIS EXEMPTION AND BECOME SUBJECT TO SEC. 13.B.(5) UPON REACHING \$50,000 OR MORE ANNUAL AGGREGATE BUSINESS WITH THE CITY WITHIN THE CALENDAR YEAR, BEGINNING IN 2019.**

(4) Release of Payment: (MGO 39.02(9)(e)1.b.) All non-exempt contractors must have an approved Affirmative Action plan meeting the requirements of Article IV below on file with the Department within thirty (30) days of the effective date of this Contract and prior to release of payment by the City. Contractors that are exempt based on number of employees agree to file a Request for Exemption with the Department within thirty (30) days of the effective date and prior to release of payment by the City.

(5) Articles of Agreement:

ARTICLE I

The Contractor shall take affirmative action in accordance with the provisions of this Contract to insure that applicants are employed, and that employees are treated during employment without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin and that the employer shall provide harassment-free work environment for the realization of the potential of each employee. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship insofar as it is within the control of the Contractor. The Contractor agrees to post in conspicuous places available to employees and applicants notices to be provided by the City setting out the provisions of the nondiscrimination clauses in this Contract.

ARTICLE II

The Contractor shall in all solicitations or advertisements for employees placed by or on behalf of the Contractors state that all qualified or qualified applicants will be employed without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin.

ARTICLE III

The Contractor shall send to each labor union or representative of workers with which it has a collective bargaining Agreement or other Contract or understanding a notice to be provided by the City advising the labor union or workers representative of the Contractor's equal employment opportunity and affirmative action commitments. Such notices shall be posted in conspicuous places available to employees and applicants for employment.

ARTICLE IV

(This Article applies to non-public works contracts.)

The Contractor agrees that it will comply with all provisions of the Affirmative Action Ordinance of the City of Madison (MGO 39.02) including the Contract compliance requirements. The Contractor warrants and certifies that one of the following paragraphs is true (check one):

- A. Contractor has prepared and has on file an affirmative action plan that meets the format requirements of Federal Revised Order No. 4, 41 CFR part 60-2, as established by 43 FR 51400 November 3, 1978, including appendices required by City of Madison ordinances or it has prepared and has on file a model affirmative action plan approved by the Madison Common Council.
- B. Within thirty (30) days after the effective date of this Contract, Contractor will complete an affirmative action plan that meets the format requirements of Federal Revised Order No. 4, 41 CFR Part 60-2, as established by 43 FR 51400, November 3, 1978, including appendices required by City of Madison ordinance or within thirty (30) days after the effective date of this Contract, it will complete a model affirmative action plan approved by the Madison Common Council.
- C. Contractor believes it is exempt from filing an affirmative action plan because it has fewer than fifteen (15) employees and has filed, or will file within thirty (30) days after the effective date of this Contract, a form required by the City to confirm exempt status based on number of employees. If the City determines that Contractor is not exempt, the Articles of Agreement will apply.
- D. Contractor believes it is exempt from filing an affirmative action plan because its annual aggregate business with the City for the calendar year in which the contract is in effect is less than fifty thousand dollars (\$50,000), or for another reason listed in MGO 39.02(9)(a)2. If the City determines that Contractor is not exempt, the Articles of Agreement will apply.

ARTICLE V

(This Article applies only to public works contracts.)

The Contractor agrees that it will comply with all provisions of the Affirmative Action Ordinance of the City of Madison, including the Contract compliance requirements. The Contractor agrees to submit the model affirmative action plan for public works Contractors in a form approved by the Director of Affirmative Action.

ARTICLE VI

The Contractor will maintain records as required by Section 39.02(9)(f) of the Madison General Ordinances and will provide the City's Department of Affirmative Action with access to such records and to persons who have relevant and necessary information, as provided in Section 39.02(9)(f). The City agrees to keep all such records confidential, except to the extent that public inspection is required by law.

ARTICLE VII

In the event of the Contractor's or subcontractor's failure to comply with the Equal Employment Opportunity and Affirmative Action provisions of this Contract or Sections 39.03 and 39.02 of the Madison General Ordinances, it is agreed that the City at its option may do any or all of the following:

- A. Cancel, terminate or suspend this Contract in whole or in part.
- B. Declare the Contractor ineligible for further City contracts until the Affirmative Action requirements are met.
- C. Recover on behalf of the City from the prime Contractor 0.5 percent of the Contract award price for each week that such party fails or refuses to comply, in the nature of liquidated damages, but not to exceed a total of five percent (5%) of the Contract price, or ten thousand dollars (\$10,000), whichever is less. Under public works contracts, if a subcontractor is in noncompliance, the City may recover liquidated damages from the prime Contractor in the manner described above. The preceding sentence shall not be construed to prohibit a prime Contractor from recovering the amount of such damage from the noncomplying subcontractor.

ARTICLE VIII

(This Article applies to public works contracts only.)

The Contractor shall include the above provisions of this Contract in every subcontract so that such provisions will be binding upon each subcontractor. The Contractor shall take such action with respect to any subcontractor as necessary to enforce such provisions, including sanctions provided for noncompliance.

ARTICLE IX

The Contractor shall allow the maximum feasible opportunity to small business enterprises to compete for any subcontracts entered into pursuant to this Contract. (In federally funded contracts the terms "DBE, MBE, and WBE" shall be substituted for the term "small business" in this Article.)

14. SEVERABILITY.

It is mutually agreed that in case any provision of this Contract is determined by any court of law to be unconstitutional, illegal or unenforceable, it is the intention of the parties that all other provisions of this Contract remain in full force and effect.

15. NOTICES.

All notices to be given under the terms of this Contract shall be in writing and signed by the person serving the notice and shall be sent registered or certified mail, return receipt requested, postage prepaid, or hand delivered to the addresses of the parties listed below:

FOR THE CITY:

(Department or Division Head)

FOR THE CONTRACTOR:

16. STATUS OF CONTRACTOR/INDEPENDENT/TAX FILING.

It is agreed that Contractor is an independent Contractor and not an employee of the City, and that any persons who the Contractor utilizes and provides for services under this Contract are employees of the Contractor and are not employees of the City of Madison.

Contractor shall provide its taxpayer identification number (or social security number) to the Finance Director, 210 Martin Luther King Jr. Blvd, Room 406, Madison, WI 53703, prior to payment. The Contractor is informed that as an independent Contractor, s/he may have a responsibility to make estimated tax returns, file tax returns, and pay income taxes and make social security payments on the amounts received under this Contract and that no amounts will be withheld from payments made to this Contractor for these purposes and that payment of taxes and making social security payments are solely the responsibility and obligation of the Contractor. The Contractor is further informed that s/he may be subject to civil and/or criminal penalties if s/he fails to properly report income and pay taxes and social security taxes on the amount received under this Contract.

17. GOODWILL.

Any and all goodwill arising out of this Contract inures solely to the benefit of the City; Contractor waives all claims to benefit of such goodwill.

18. THIRD PARTY RIGHTS.

This Contract is intended to be solely between the parties hereto. No part of this Contract shall be construed to add, supplement, amend, abridge or repeal existing rights, benefits or privileges of any third party or parties, including but not limited to employees of either of the parties.

19. AUDIT AND RETAINING OF DOCUMENTS.

The Contractor agrees to provide all reports requested by the City including, but not limited to, financial statements and reports, reports and accounting of services rendered, and any other reports or documents requested. Financial and service reports shall be provided according to a schedule (when applicable) to be included in this Contract. Any other reports or documents shall be provided within five (5) working days after the Contractor receives the City's written requests, unless the parties agree in writing on a longer period. Payroll records and any other documents relating to the performance of services under the terms of this Contract shall be retained by the Contractor for a period of three (3) years after completion of all work under this Contract, in order to be available for audit by the City or its designee.

20. CHOICE OF LAW AND FORUM SELECTION.

This Contract shall be governed by and construed, interpreted and enforced in accordance with the laws of the State of Wisconsin. The parties agree, for any claim or suit or other dispute relating to this Contract that cannot be mutually resolved, the venue shall be a court of competent jurisdiction within the State of Wisconsin and the parties agree to submit themselves to the jurisdiction of said court, to the exclusion of any other judicial district that may have jurisdiction over such a dispute according to any law.

21. COMPLIANCE WITH APPLICABLE LAWS.

The Contractor shall become familiar with, and shall at all times comply with and observe all federal, state, and local laws, ordinances, and regulations which in any manner affect the services or conduct of the Contractor and its agents and employees.

22. **CONFLICT OF INTEREST.**

- A. The Contractor warrants that it and its agents and employees have no public or private interest, and will not acquire directly or indirectly any such interest, which would conflict in any manner with the performance of the services under this Agreement.
- B. The Contractor shall not employ or Contract with any person currently employed by the City for any services included under the provisions of this Agreement.

23. **COMPENSATION.**

It is expressly understood and agreed that in no event will the total compensation under this Contract exceed \$_____.

24. **BASIS FOR PAYMENT.**A. **GENERAL.**

- (1) The City will pay the Contractor for the completed and accepted services rendered under this Contract on the basis and at the Contract price set forth in Section 23 of this Contract. The City will pay the Contractor for completed and approved "extra services", if any, if such "extra services" are authorized according to the procedure established in this section. The rate of payment for "extra services" shall be the rate established in this Contract. Such payment shall be full compensation for services rendered and for all labor, material, supplies, equipment and incidentals necessary to complete the services.
- (2) The Contractor shall submit invoices, on the form or format approved by the City and as may be further specified in Section 3 of this Contract. The City will pay the Contractor in accordance with the schedule, if any, set forth in Section 3. The final invoice, if applicable, shall be submitted to the City within three months of completion of services under this Agreement.
- (3) Should this Agreement contain more than one service, a separate invoice and a separate final statement shall be submitted for each individual service.
- (4) Payment shall not be construed as City acceptance of unsatisfactory or defective services or improper materials.
- (5) Final payment of any balance due the Contractor will be made upon acceptance by the City of the services under the Agreement and upon receipt by the City of documents required to be returned or to be furnished by the Contractor under this Agreement.
- (6) The City has the equitable right to set off against any sum due and payable to the Contractor under this Agreement, any amount the City determines the Contractor owes the City, whether arising under this Agreement or under any other Agreement or otherwise.
- (7) Compensation in excess of the total Contract price will not be allowed unless authorized by an amendment under Section 9, AMENDMENT.
- (8) The City will not compensate for unsatisfactory performance by the Contractor.

B. **SERVICE ORDERS, EXTRA SERVICE, OR DECREASED SERVICE.**

- (1) Written orders regarding the services, including extra services or decreased services, will be given by the City, using the procedure set forth in Section 15, NOTICES.
- (2) The City may, by written order, request extra services or decreased services, as defined in Section 10 of this Contract. Unless the Contractor believes the extra services entitle it to extra compensation or additional time, the Contractor shall proceed to furnish the necessary labor, materials, and professional services to complete the services within the time limits specified in the Scope of Services, Section 3 of this Agreement, including any amendments under Section 9 of this Agreement.
- (3) If in the Contractor's opinion the order for extra service would entitle it to extra compensation or extra time, or both, the Contractor shall not proceed to carry out the extra service, but shall notify the City, pursuant to Section 15 of this Agreement. The notification shall include the justification for the claim for extra compensation or extra time, or both, and the amount of additional fee or time requested.
- (4) The City shall review the Contractor's submittal and respond in writing, either authorizing the Contractor to perform the extra service, or refusing to authorize it. The Contractor shall not receive additional compensation or time unless the extra compensation is authorized by the City in writing.

25. **DEFAULT/TERMINATION.**

- A. In the event Contractor shall default in any of the covenants, agreements, commitments, or conditions herein contained, and any such default shall continue unremedied for a period of ten (10) days after written notice thereof to Contractor, the City may, at its option and in addition to all other rights and remedies which it may have at law or in equity against Contractor, including expressly the specific enforcement hereof, forthwith have the cumulative right to immediately terminate this Contract and all rights of Contractor under this Contract.
- B. Notwithstanding paragraph A., above, the City may in its sole discretion and without any reason terminate this Agreement at any time by furnishing the Contractor with ten (10) days' written notice of termination. In the event of termination under this subsection, the City will pay for all work completed by the Contractor and accepted by the City.

26. **INDEMNIFICATION.**

The Contractor shall be liable to and hereby agrees to indemnify, defend and hold harmless the City of Madison, and its officers, officials, agents, and employees against all loss or expense (including liability costs and attorney's fees) by reason of any claim or suit, or of liability imposed by law upon the City or its officers, officials, agents or employees for damages because of bodily injury, including death at any time resulting therefrom, sustained by any person or persons or on account of damages to property, including loss of use thereof, arising from, in connection with, caused by or resulting from the Contractor's and/or Subcontractor's acts or omissions in the performance of this Agreement, whether caused by or contributed to by the negligence of the City, its officers, officials, agents, or its employees.

27. **INSURANCE.**

The Contractor will insure, and will require each subcontractor to insure, as indicated, against the following risks to the extent stated below. The Contractor shall not commence work under this Contract, nor shall the Contractor allow any Subcontractor to commence work on its Subcontract, until the insurance required below has been obtained and corresponding certificate(s) of insurance have been approved by the City Risk Manager.

Commercial General Liability

The Contractor shall procure and maintain during the life of this Contract, Commercial General Liability insurance including, but not limited to bodily injury, property damage, personal injury, and products and completed operations (unless determined to be inapplicable by the Risk Manager) in an amount not less than \$1,000,000 per occurrence. This policy shall also provide contractual liability in the same amount. Contractor's coverage shall be primary and list the City of Madison, its officers, officials, agents and employees as additional insureds. Contractor shall require all subcontractors under this Contract (if any) to procure and maintain insurance meeting the above criteria, applying on a primary basis and listing the City of Madison, its officers, officials, agents and employees as additional insureds.

Automobile Liability

The Contractor shall procure and maintain during the life of this Contract Business Automobile Liability insurance covering owned, non-owned and hired automobiles with limits of not less than \$1,000,000 combined single limit per accident. Contractor shall require all subcontractors under this Contract (if any) to procure and maintain insurance covering each subcontractor and meeting the above criteria.

Worker's Compensation

The Contractor shall procure and maintain during the life of this Contract statutory Workers' Compensation insurance as required by the State of Wisconsin. The Contractor shall also carry Employers Liability limits of at least \$100,000 Each Accident, \$100,000 Disease – Each Employee, and \$500,000 Disease – Policy Limit. Contractor shall require all subcontractors under this Contract (if any) to procure and maintain such insurance, covering each subcontractor.

Professional Liability

The Contractor shall procure and maintain professional liability insurance with coverage of not less than \$1,000,000. If such policy is a "claims made" policy, all renewals thereof during the life of the Contract shall include "prior acts coverage" covering at all times all claims made with respect to Contractor's work performed under the Contract. This Professional Liability coverage must be kept in force for a period of six (6) years after the services have been accepted by the City.

Acceptability of Insurers. The above-required insurance is to be placed with insurers who have an A.M. Best rating of no less than A- (A minus) and a Financial Category rating of no less than VII.

Proof of Insurance, Approval. The Contractor shall provide the City with certificate(s) of insurance showing the type, amount, effective dates, and expiration dates of required policies prior to commencing work under this Contract. Contractor shall provide the certificate(s) to the City's representative upon execution of the Contract, or sooner, for approval by the City Risk Manager. If any of the policies required above expire while this Contract is still in effect, Contractor shall provide renewal certificate(s) to the City for approval. Certificate Holder language should be listed as follows:

City of Madison
ATTN: Risk Management, Room 406
210 Martin Luther King, Jr. Blvd.
Madison, WI 53703

The Contractor shall provide copies of additional insured endorsements or insurance policies, if requested by the City Risk Manager. The Contractor and/or Insurer shall give the City thirty (30) days advance written notice of cancellation, non-renewal or material changes to any of the above-required policies during the term of this Contract.

28. **OWNERSHIP OF CONTRACT PRODUCT.**

All of the work product, including, but not limited to, documents, materials, files, reports, data, including magnetic tapes, disks of computer-aided designs or other electronically stored data or information (the "Documents"), which the Contractor prepares pursuant to the terms and conditions of this Contract are the sole property of the City. The Contractor will not publish any such materials or use them for any research or publication, other than as expressly required or permitted by this Contract, without the prior written permission of the City. The grant or denial of such permission shall be at the City's sole discretion.

The Contractor intends that the copyright to the Documents shall be owned by City, whether as author (as a Work Made For Hire), or by assignment from Contractor to City. The parties expressly agree that the Documents shall be considered a Work Made For Hire as defined by Title 17, United States Code, Section 101(2).

As further consideration for the City entering into this Contract, the Contractor hereby assigns to City all of the Contractor's rights, title, interest and ownership in the Documents, including the right to procure the copyright therein and the right to secure any renewals, reissues and extensions of any such copyright in any foreign country. The City shall be entitled to the sole and exclusive benefit of the Documents, including the copyright thereto, and whenever required by the City, the Contractor shall at no additional compensation, execute all documents of assignment of the full and exclusive benefit and copyright thereof to the City. Any subcontractors and other independent Contractors who prepare portions of the Documents shall be required by the Contractor to execute an assignment of ownership in favor of the City before commencing work.

29. **BAN THE BOX - ARREST AND CRIMINAL BACKGROUND CHECKS.** (Sec. 39.08, MGO. Applicable to contracts exceeding \$25,000.)

A. **DEFINITIONS.**

For purposes of this section, "Arrest and Conviction Record" includes, but is not limited to, information indicating that a person has been questioned, apprehended, taken into custody or detention, held for investigation, arrested, charged with, indicted or tried for any felony, misdemeanor or other offense pursuant to any law enforcement or military authority.

"Conviction record" includes, but is not limited to, information indicating that a person has been convicted of a felony, misdemeanor or other offense, placed on probation, fined, imprisoned or paroled pursuant to any law enforcement or military authority.

"Background Check" means the process of checking an applicant's arrest and conviction record, through any means.

B. **REQUIREMENTS.** For the duration of this Contract, the Contractor shall:

- (1) Remove from all job application forms any questions, check boxes, or other inquiries regarding an applicant's arrest and conviction record, as defined herein.
- (2) Refrain from asking an applicant in any manner about their arrest or conviction record until after conditional offer of employment is made to the applicant in question.
- (3) Refrain from conducting a formal or informal background check or making any other inquiry using any privately or publicly available means of obtaining the arrest or conviction record of an applicant until after a conditional offer of employment is made to the applicant in question.
- (4) Make information about this ordinance available to applicants and existing employees, and post notices in prominent locations at the workplace with information about the ordinance and complaint procedure using language provided by the City.
- (5) Comply with all other provisions of Sec. 39.08, MGO.

C. **EXEMPTIONS:** This section does not apply when:

- (1) Hiring for a position where certain convictions or violations are a bar to employment in that position under applicable law, or
- (2) Hiring a position for which information about criminal or arrest record, or a background check is required by law to be performed at a time or in a manner that would otherwise be prohibited by this ordinance, including a licensed trade or profession where the licensing authority explicitly authorizes or requires the inquiry in question.

To be exempt under sec. C.(1) or (2) above, Contractor must demonstrate to the City that there is a law or regulation that requires the hiring practice in question. If so, the contractor is exempt from this section for the position(s) in question.

30. **WEAPONS PROHIBITION.**

Contractor shall prohibit, and shall require its subcontractors to prohibit, its employees from carrying weapons, including concealed weapons, in the course of performance of work under this Contract, other than while at the Contractor's or subcontractor's own business premises. This requirement shall apply to vehicles used at any City work site and vehicles used to perform any work under this Contract, except vehicles that are an employee's "own motor vehicle" pursuant to Wis. Stat. sec. 175.60(15m).

31. **IT NETWORK CONNECTION POLICY.**

If this Contract includes services such as software support, software maintenance, network services, and/or system development services and will require a Network Connection the City Network (as defined in the following link), the City's Network Connection Policy found at this link: <http://www.cityofmadison.com/attorney/documents/posNetworkConnection.doc> is hereby incorporated and made a part of this Contract and Contractor agrees to comply with all of its requirements.

32. **AUTHORITY.**

Contractor represents that it has the authority to enter into this Contract. If the Contractor is not an individual, the person signing on behalf of the Contractor represents and warrants that he or she has been duly authorized to bind the Contractor and sign this Contract on the Contractor's behalf.

33. **COUNTERPARTS, ELECTRONIC DELIVERY.**

This Contract may be signed in counterparts, each of which shall be taken together as a whole to comprise a single document. Signatures on this Contract may be exchanged between the parties by facsimile, electronic scanned copy (.pdf) or similar technology and shall be as valid as original. Executed copies or counterparts of this Contract may be delivered by facsimile or email and upon receipt will be deemed original and binding upon the parties hereto, whether or not a hard copy is also delivered. Copies of this Contract, fully executed, shall be as valid as an original.

IN WITNESS WHEREOF, the parties hereto have set their hands at Madison, Wisconsin.

CONTRACTOR

(Type or Print Name of Contracting Entity)

By: _____
(Signature)

(Print Name and Title of Person Signing)

Date: _____

**CITY OF MADISON, WISCONSIN
a municipal corporation**

By: _____
Paul R. Soglin, Mayor

Date: _____

Approved:

David P. Schmiedicke, Finance Director

Date: _____

By: _____
Maribeth Witzel-Behl, City Clerk

Date: _____

Approved as to Form:

Eric T. Veum, Risk Manager

Date: _____

Michael P. May, City Attorney

Date: _____

NOTE: Certain service contracts may be executed by the designee of the Finance Director on behalf of the City of Madison:

By: _____
Mary Richards
Procurement Supervisor

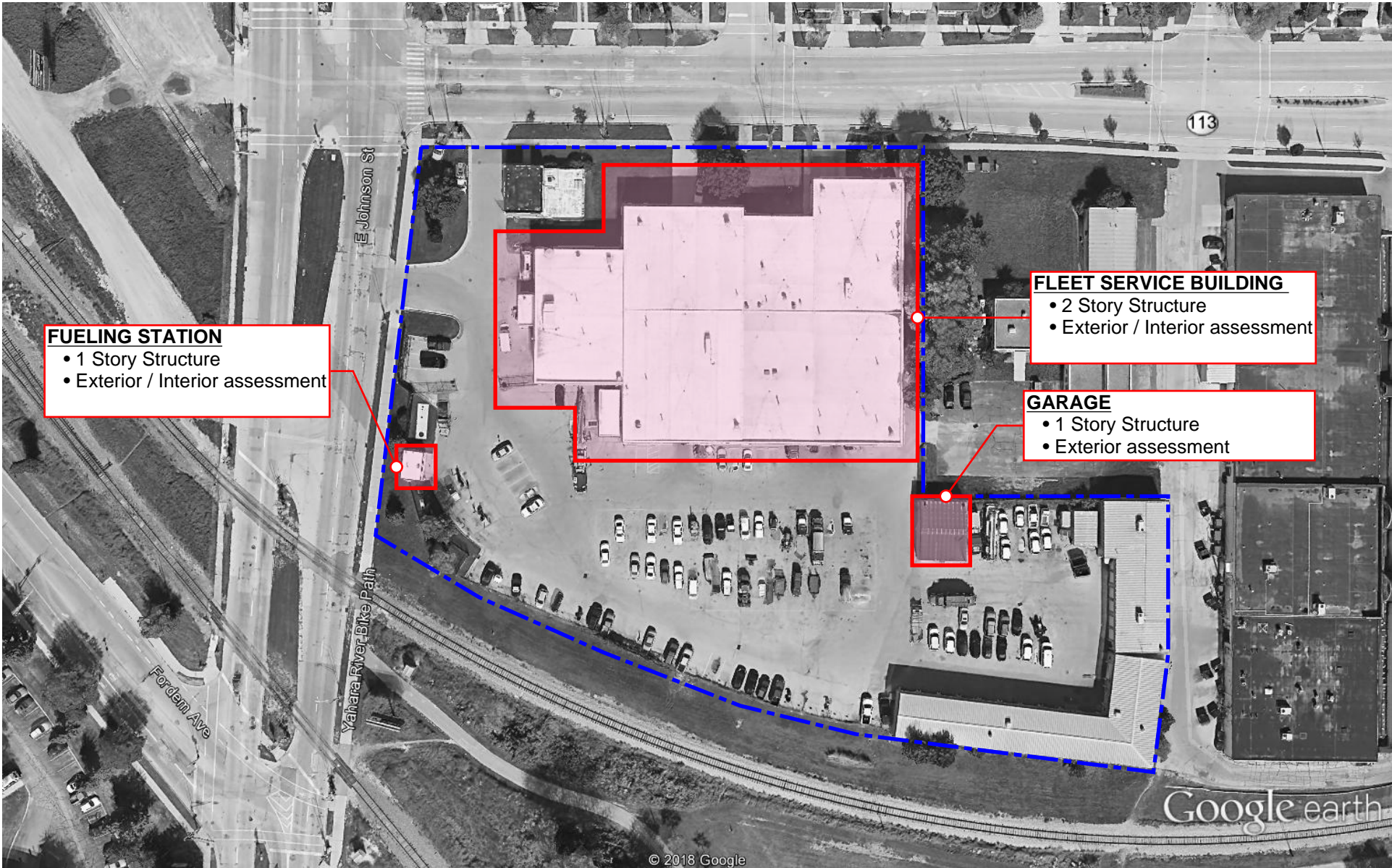
_____ Date

MGO 4.26(3) and (5) authorize the Finance Director or designee to sign purchase of service contracts when all of the following apply:

- (a) The funds are included in the approved City budget.
- (b) An RFP or competitive process was used, or the Contract is exempt from competitive bidding under 4.26(4)(a).
- (c) The City Attorney has approved the form of the Contract.
- (d) The Contract complies with other laws, resolutions and ordinances.
- (e) The Contract is for a period of 1 year or less, OR not more than 5 years AND the average cost is not more than \$100,000 per year, AND was subject to competitive bidding. (If over \$50,000 and exempt from bidding under 4.26(4)(a), regardless of duration of the Contract, the Common Council must authorize the Contract by resolution and the Mayor and City Clerk must sign, per 4.26(5)(b).)

Emergency Service contracts may also be signed by the designee of the Finance Director if the requirements of MGO 4.26(3)(c) are met.

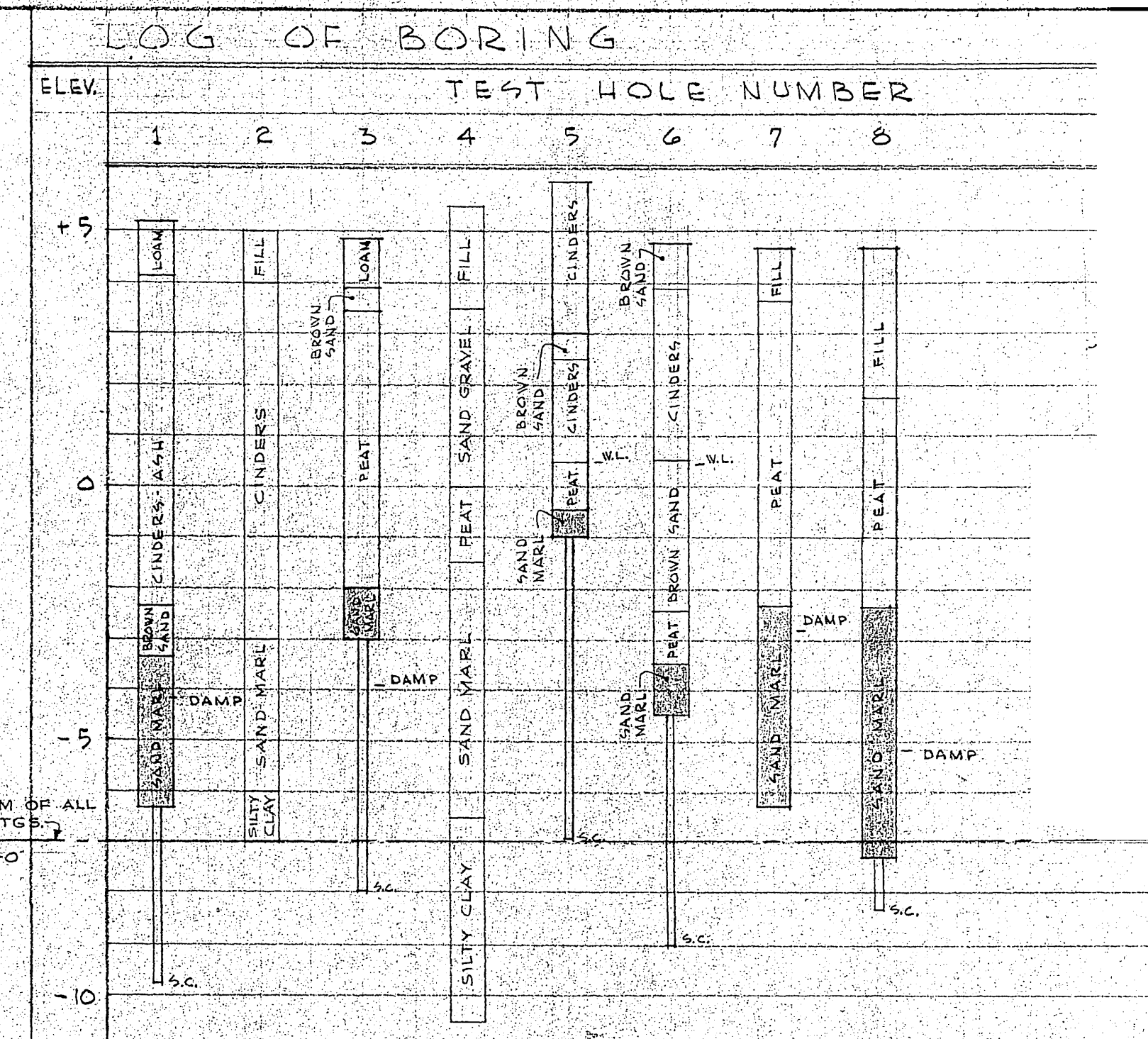
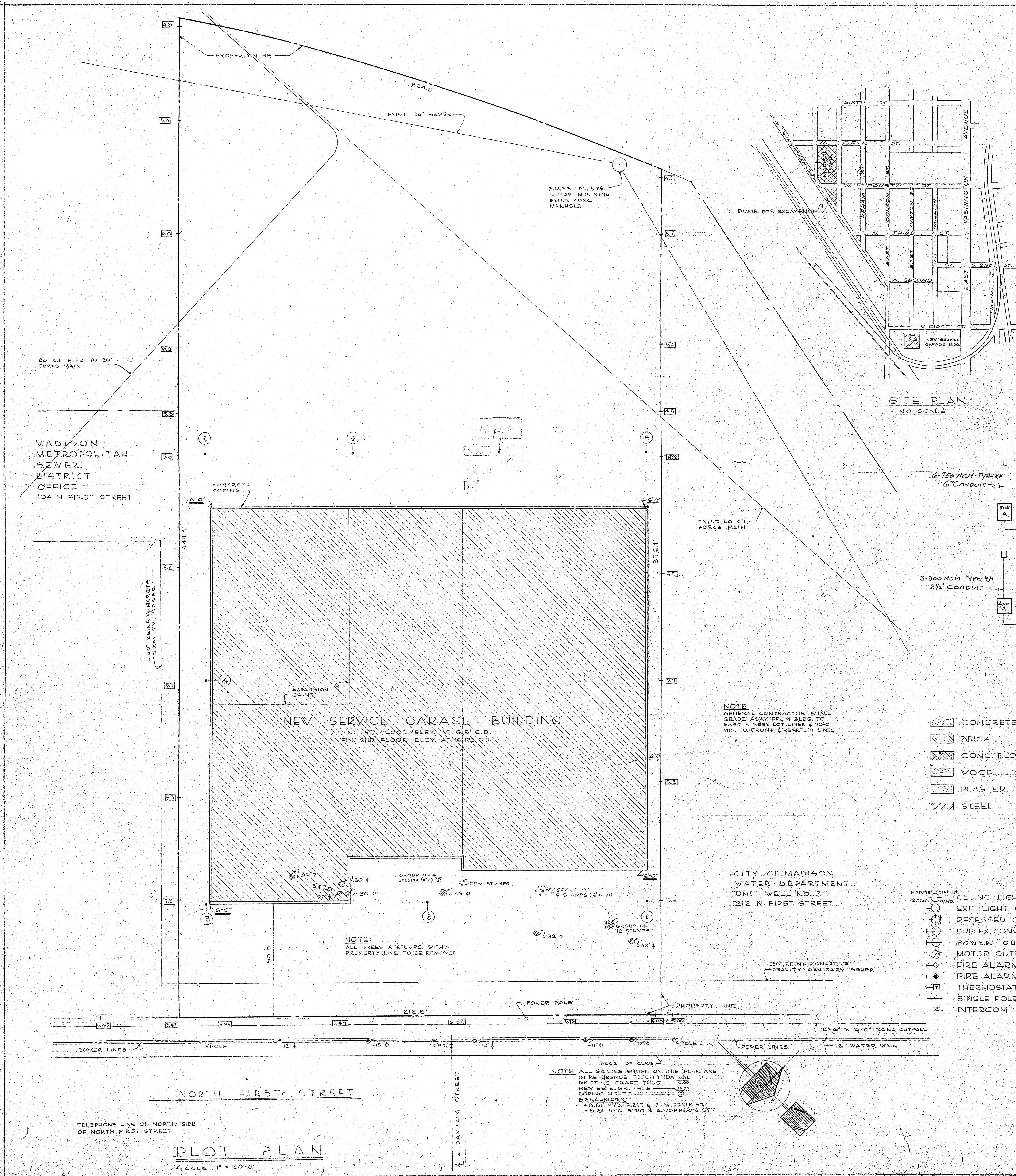
EXHIBIT-A



HATCH INDICATES ASSESMENT AREA

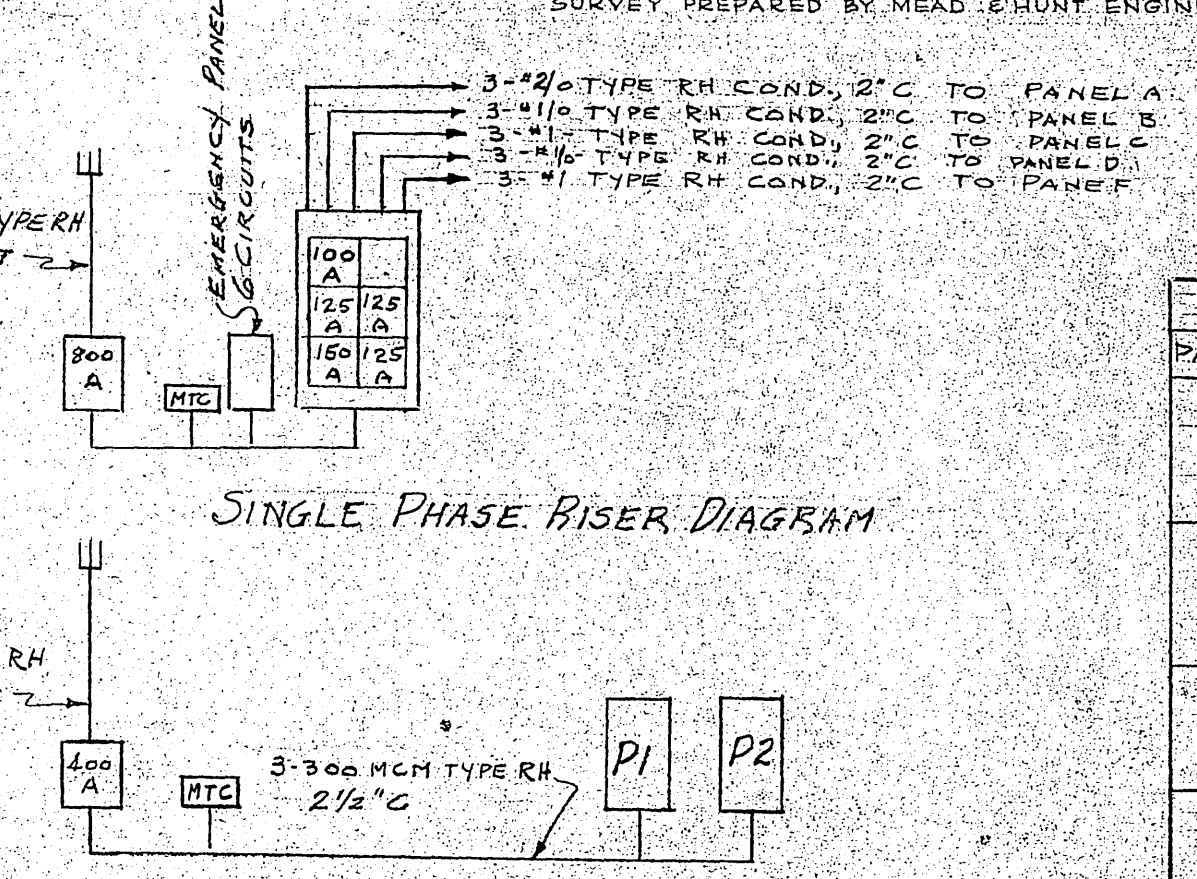


LINE TYPE INDICATES APPROXIMATE PARCEL LINE



NOTES:
 1. LARGE HOLES INDICATE BORING DONE WITH 3" OR 4" POST HOLE AUGURS.
 2. SMALL HOLES INDICATE "GROUNDING" DONE WITH 1/2" PIPE. BOTTOM OF AUGUR HOLE DOES NOT INDICATE LINE BETWEEN SAND AND MARL AND SILTY CLAY IT DOES INDICATE PRACTICAL DEPTH FROM WHICH SAMPLE COULD BE OBTAINED WITH AUGUR WITHOUT HOLE SAVING.
 3. WL AND DAMP INDICATE WATER LEVEL CONDITION AFTER HOLES WERE COMPLETED AND "STOOD" FOR ABOUT ONE HOUR OR MORE.
 4. ALL BORINGS & ALL GRADES SHOWN ON THIS SHEET TRANSPORTED FROM SURVEY REPAIRED BY MEAD & HUNT ENGINEERS, UNDER DATE OF DEC. 1952 & MAR. 1953.

SITE PLAN
NO SCALE



PANEL SCHEDULE			BREAKERS	
PANEL	NO CIRC.	SPACES		
A	15	3	20A-SP LIGHT	
	4		20A-SP CONVEYER	
	4		20A-SP U.H. MOTORS	20A-2P
B	13	3	20A-SP LIGHTING	
	4		20A-SP CONVEYER	
	4		20A-SP U.H. MOTORS	20A-2P
C	9	2	20A-SP LIGHTING	
	4		20A-SP U.H. MOTORS	
	4		20A-SP CONVEYER	20A-2P
D	10	3	20A-SP LIGHT	
	4		20A-SP U.H. MOTORS	
	4		20A-SP CONVEYER	20A-2P
F	10	3	20A-SP LIGHT	
	4		20A-SP U.H. MOTORS	
	4		20A-SP CONVEYER	20A-2P
P1	2	6	50A-SP WELDER	
P2	14	3	3P Spaces Only	

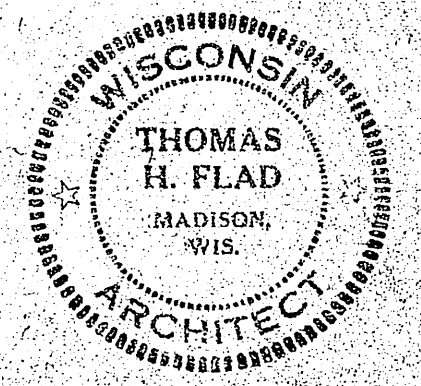
- MATERIAL SYMBOLS
- CONCRETE
 - BRICK
 - CONC. BLOCK
 - WOOD
 - PLASTER
 - STEEL
 - BLANKET INSULATION
 - RIGID INSULATION
 - EARTH
 - MARBLE
 - QUARRY TILE
 - STRUC. GLAZED TILE

- MECHANICAL SYMBOLS
- CEILING LIGHT OUTLET
 - EXIT LIGHT OUTLET
 - RECESSED CEIL. LIGHT OUTLET
 - DUPLEX CONVENIENCE OUTLET (WALL)
 - POWER OUTLET
 - MOTOR OUTLET
 - FIRE ALARM BREAK GLASS STATION
 - FIRE ALARM HORN
 - THERMOSTAT
 - SINGLE POLE SWITCH
 - INTERCOM BOX
 - THREE WAY SWITCH
 - WALL LIGHT OUTLET
 - SPECIAL PURPOSE OUTLET
 - OUTSIDE TELEPHONE
 - ELECTRIC PANEL
 - LOCK SWITCH
 - HOSE BIBB
 - FLOOR DRAIN
 - GAS OUTLET
 - COMP. AIR COCK

NOTE:
GENERAL CONTRACTOR SHALL GRADE AWAY FROM BLDG TO EAST & WEST LOT LINES & 20'-0" MIN. TO FRONT & REAR LOT LINES

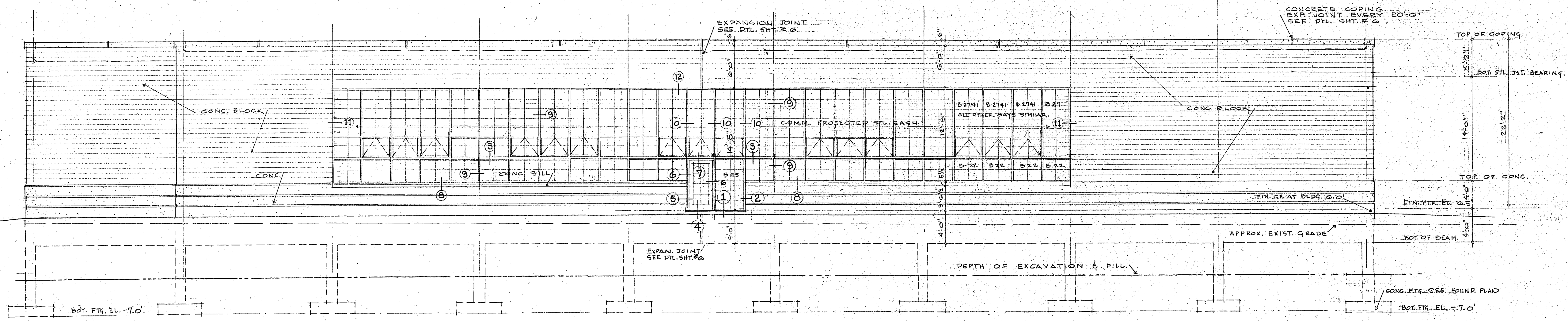
NOTE:
ALL TREES & STUMPS WITHIN PROPERTY LINE TO BE REMOVED

NOTE:
ALL GRADES SHOWN ON THIS PLAN ARE IN REFERENCE TO CITY DATUM. EXISTING GRADE THUS --- 0.00 NEW EXIST. GR. THUS --- 0.00 BORING HOLES --- 0.00 BENCHMARK --- 0.00 N.W. COR. FIRST & S. MIFELIN ST. --- 0.00 N.W. COR. FIRST & S. JOHNSON ST.

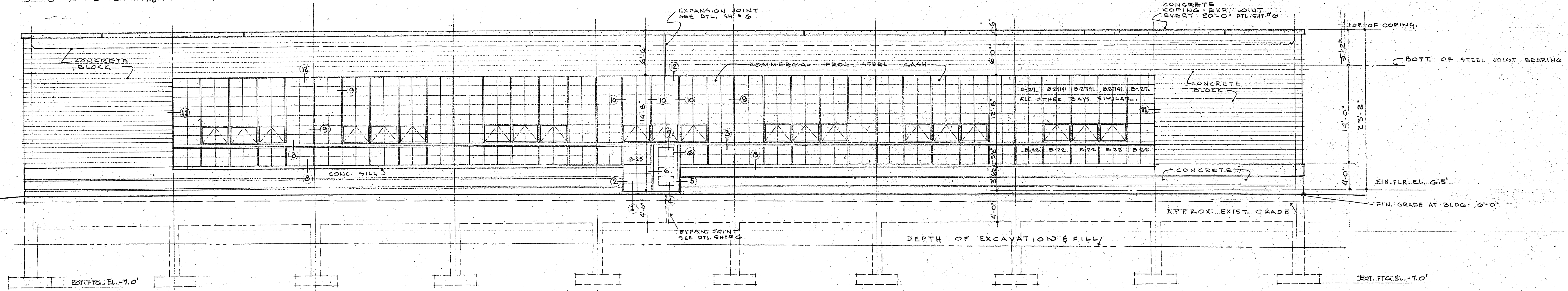


SERVICE		CITY OF MADISON	
202 N. FIRST STREET, MADISON, WIS.			
DATE	BY	DATE	BY

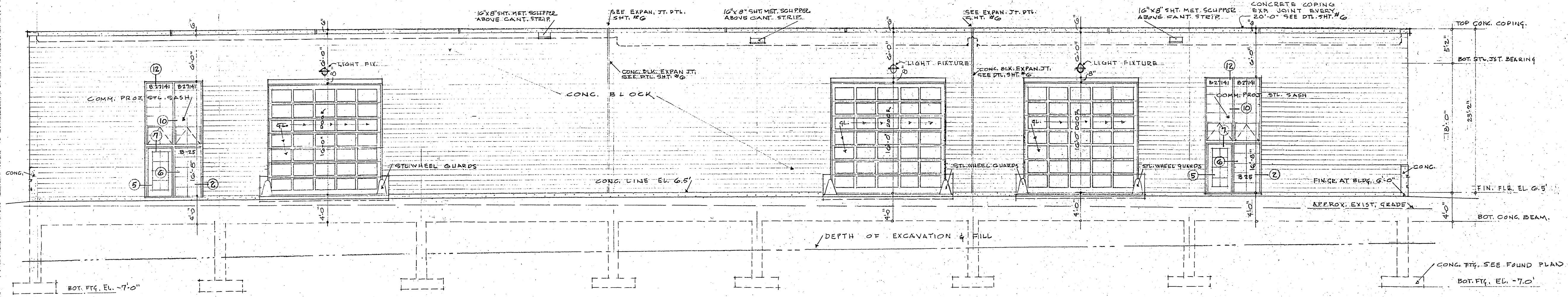
PLOT PLAN
SCALE 1" = 20'-0"



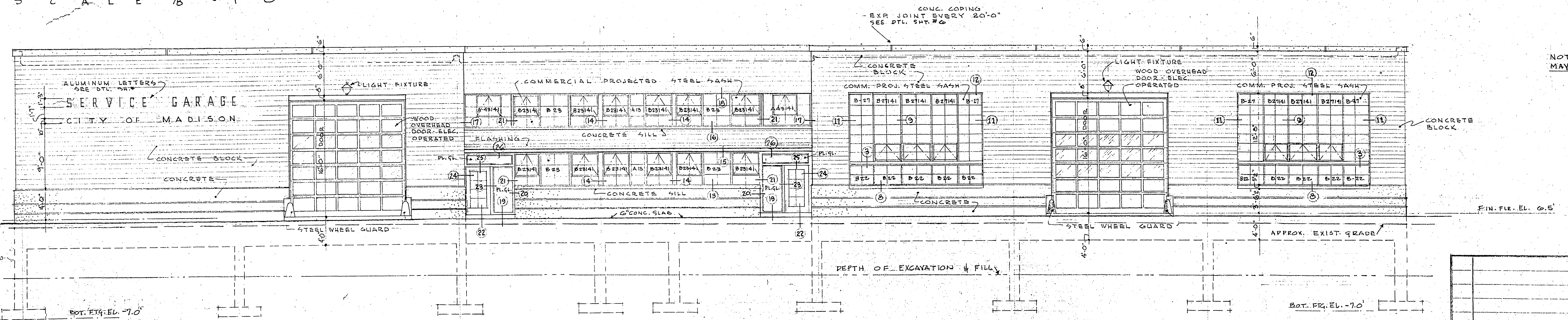
RIGHT SIDE ELEVATION
SCALE 1/8" = 1'-0"



LEFT SIDE ELEVATION
SCALE 1/8" = 1'-0"



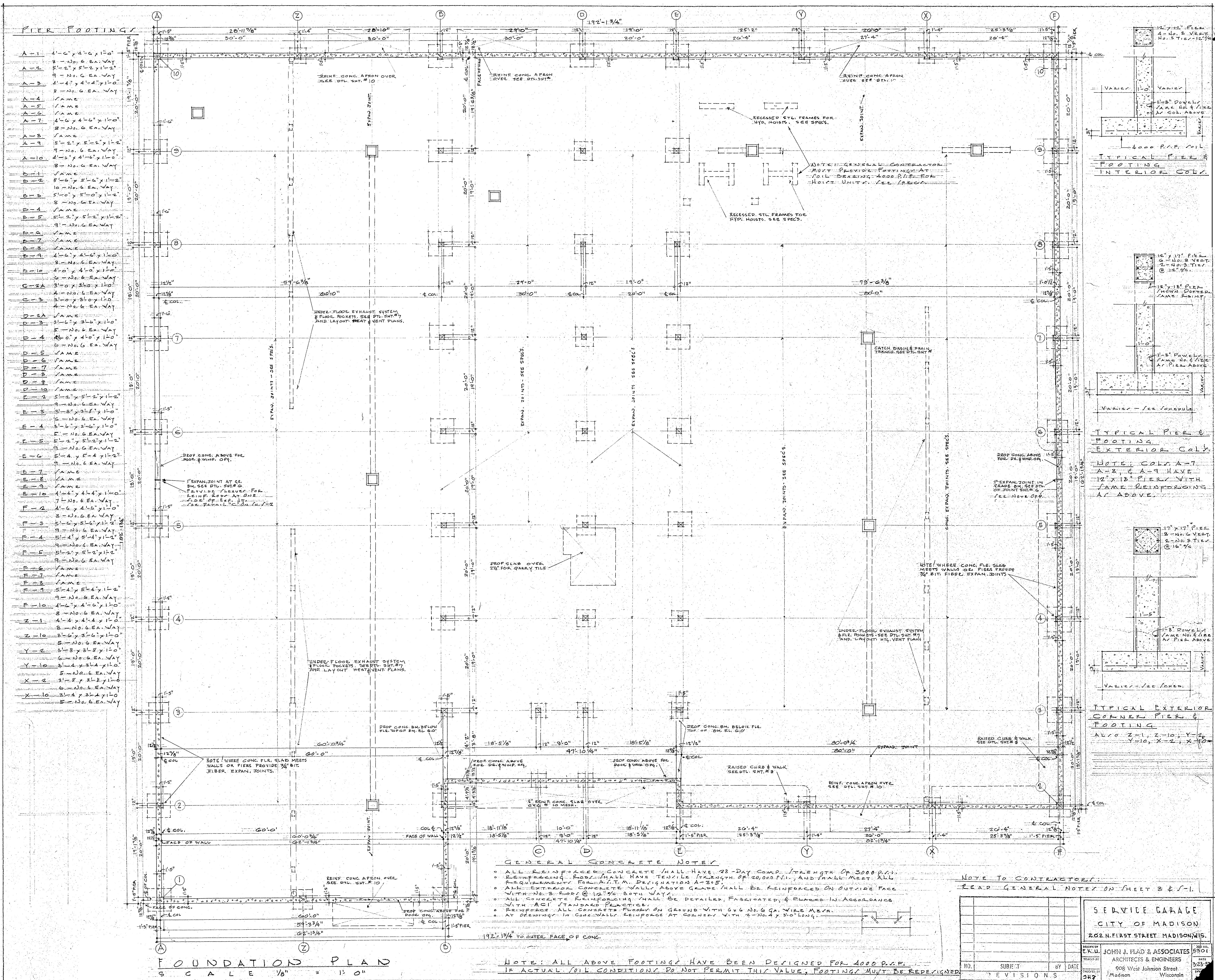
REAR ELEVATION
SCALE 1/8" = 1'-0"

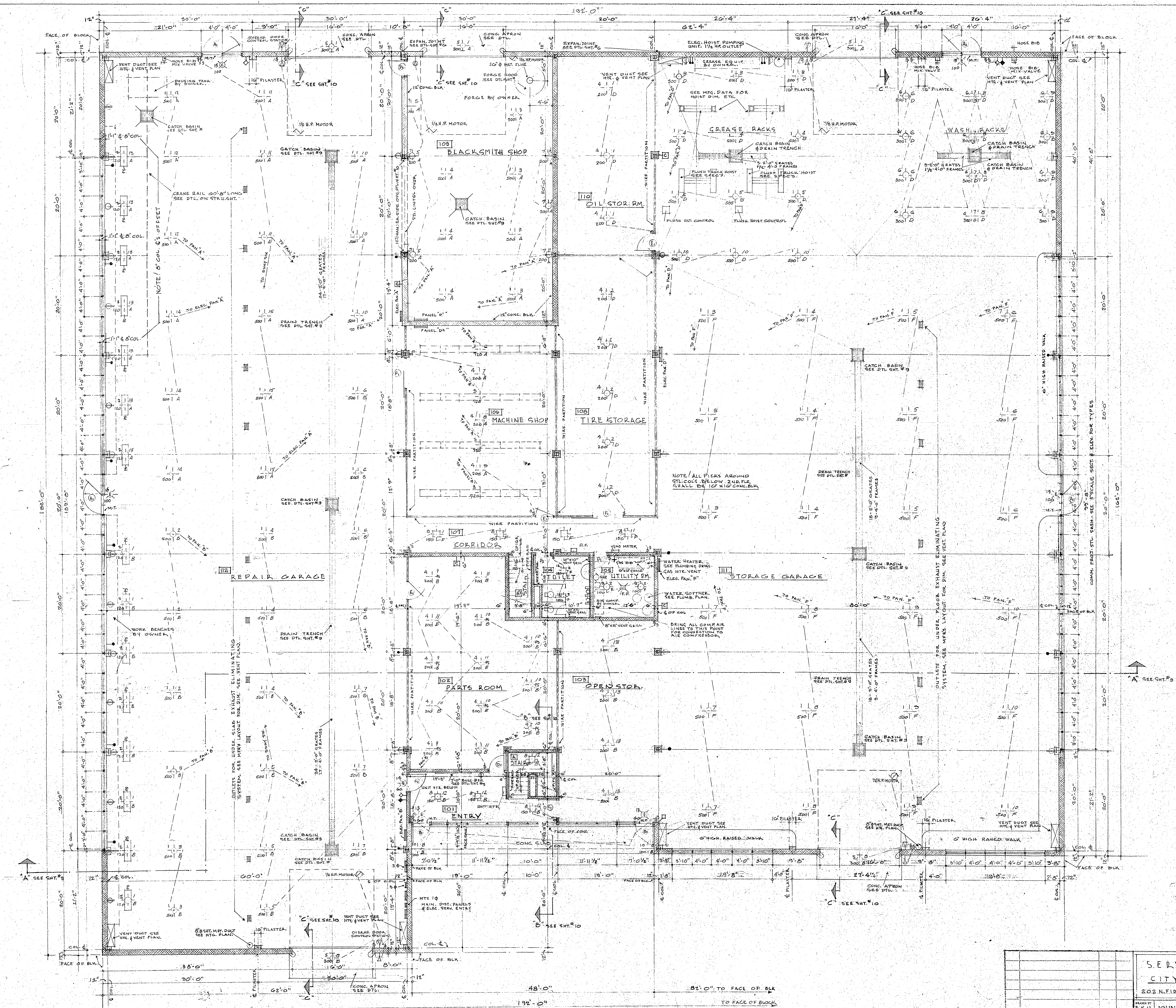


FRONT ELEVATION
SCALE 1/8" = 1'-0"

NOTE: ALL SECTIONS MARKED THIS WAY MAY BE LOCATED ON SHEET NO. 8

SERVICE GARAGE		CITY OF MADISON	
202 N. FIRST STREET - MADISON		ARCHITECTS & ENGINEERS	
NO.	SUBJECT	BY	DATE
		J.H.T.	
REVISIONS			





GROUND FLOOR PLAN SCALE 1/8" = 1'-0"

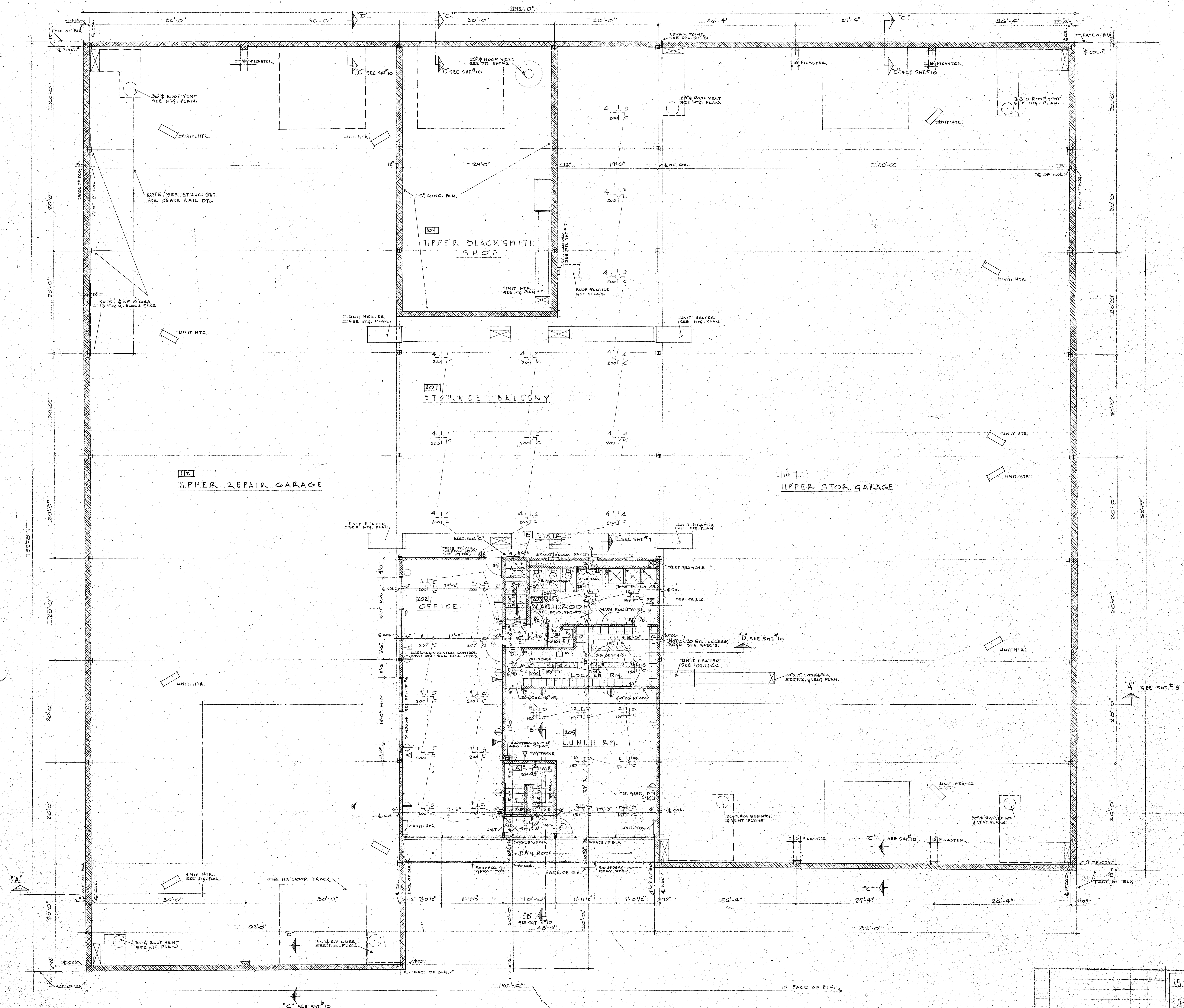
SERVICE GARAGE
CITY OF MADISON
202 N. FIRST STREET - MADISON, WIS.

DESIGNED BY: JOHN J. PLAD & ASSOCIATES ARCHITECTS & ENGINEERS
908 West Johnson Street
Madison, Wisconsin

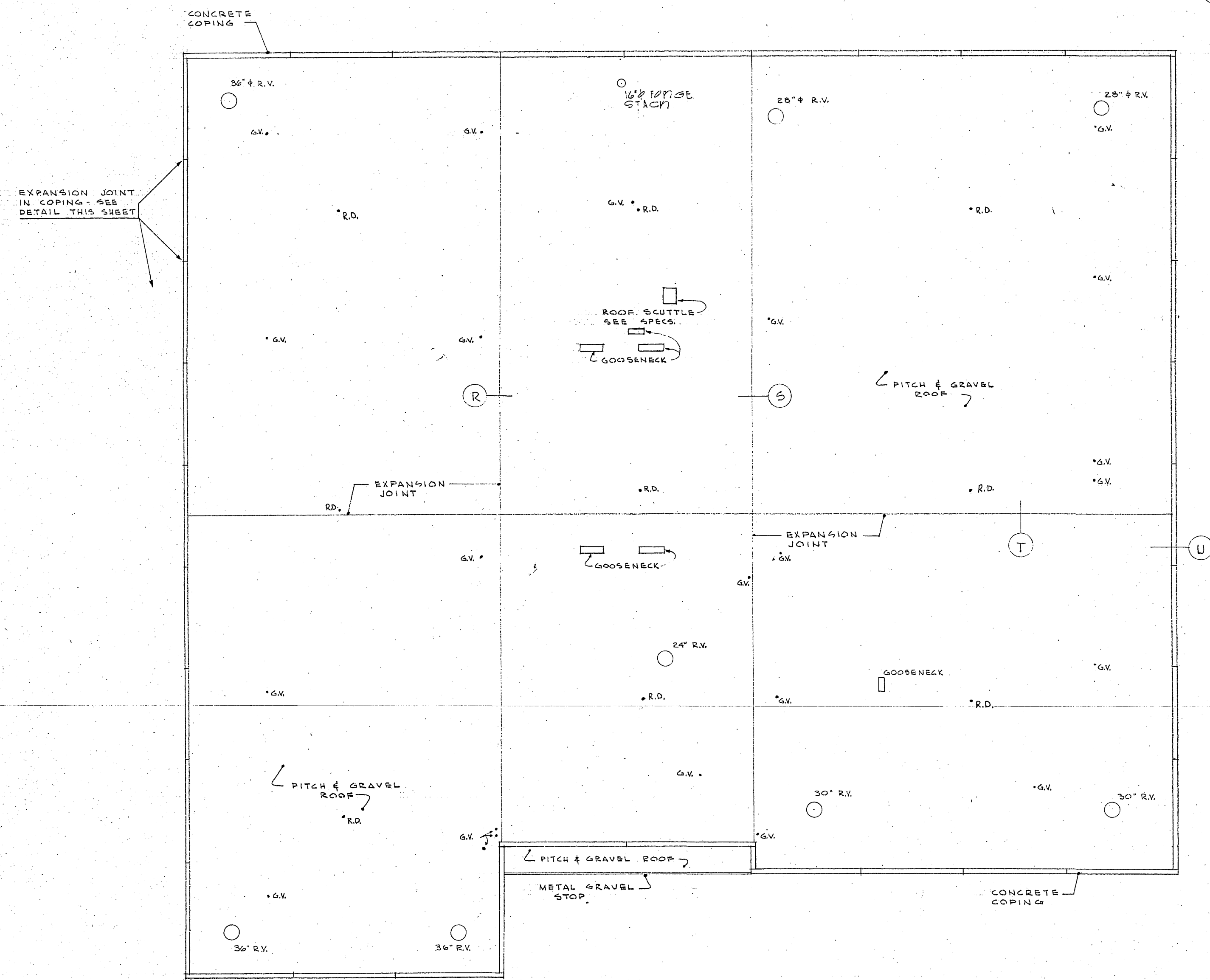
NO. _____ SUBJECT _____ BY _____ DATE _____

REVISIONS

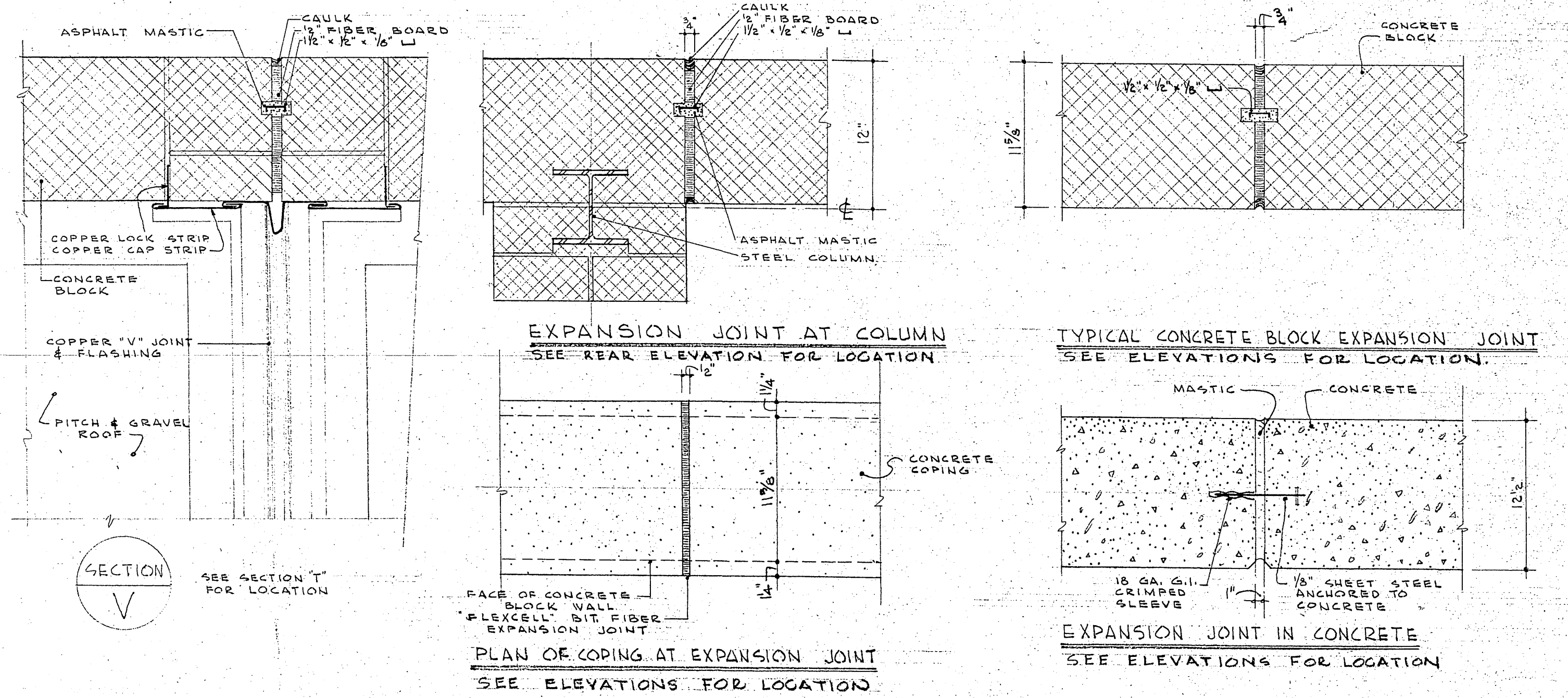
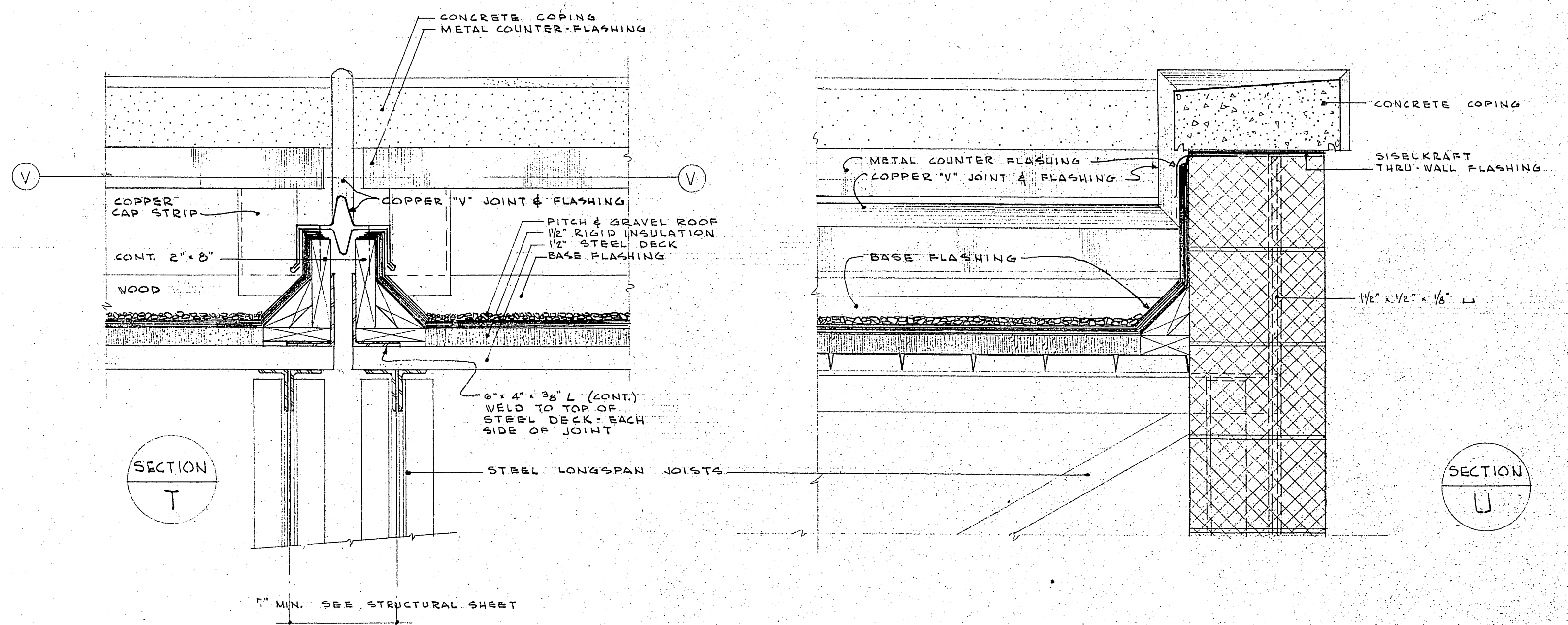
NO.	REVISIONS



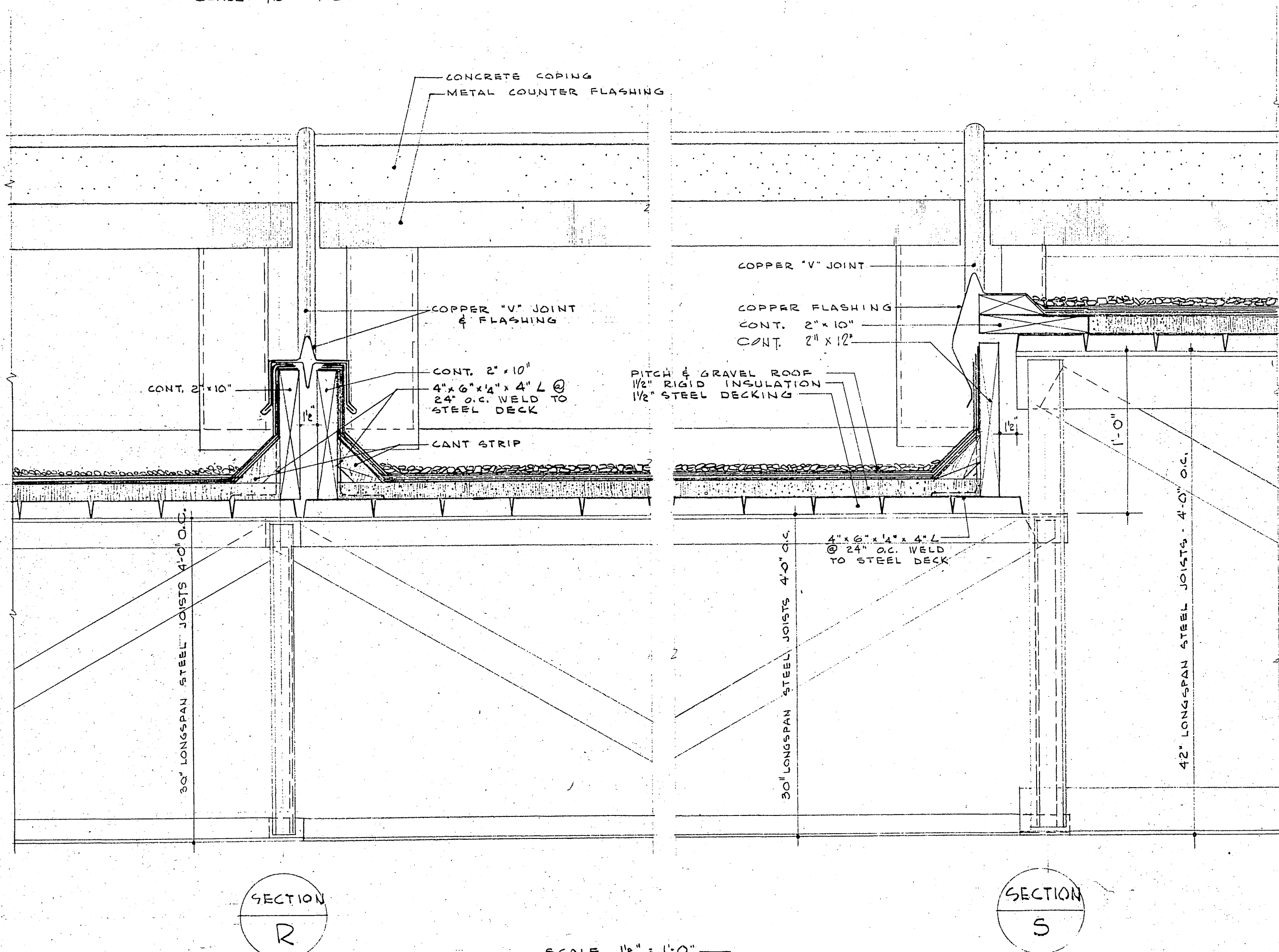
3RD FLOOR GARAGE			
CITY OF MADISON			
202 N. FIRST STREET, MADISON, WIS.			
DATE	BY	BY DATE	NO.
1950	J.M.	J.M.	5801
REVISIONS		DATE	NO.
1. 11/17			5



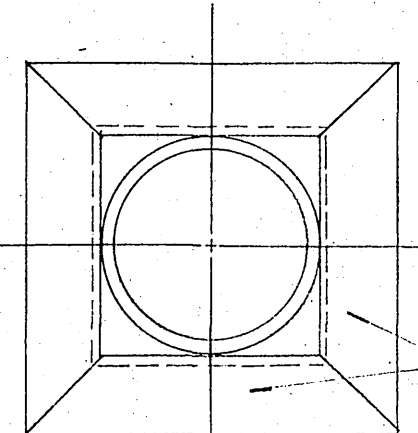
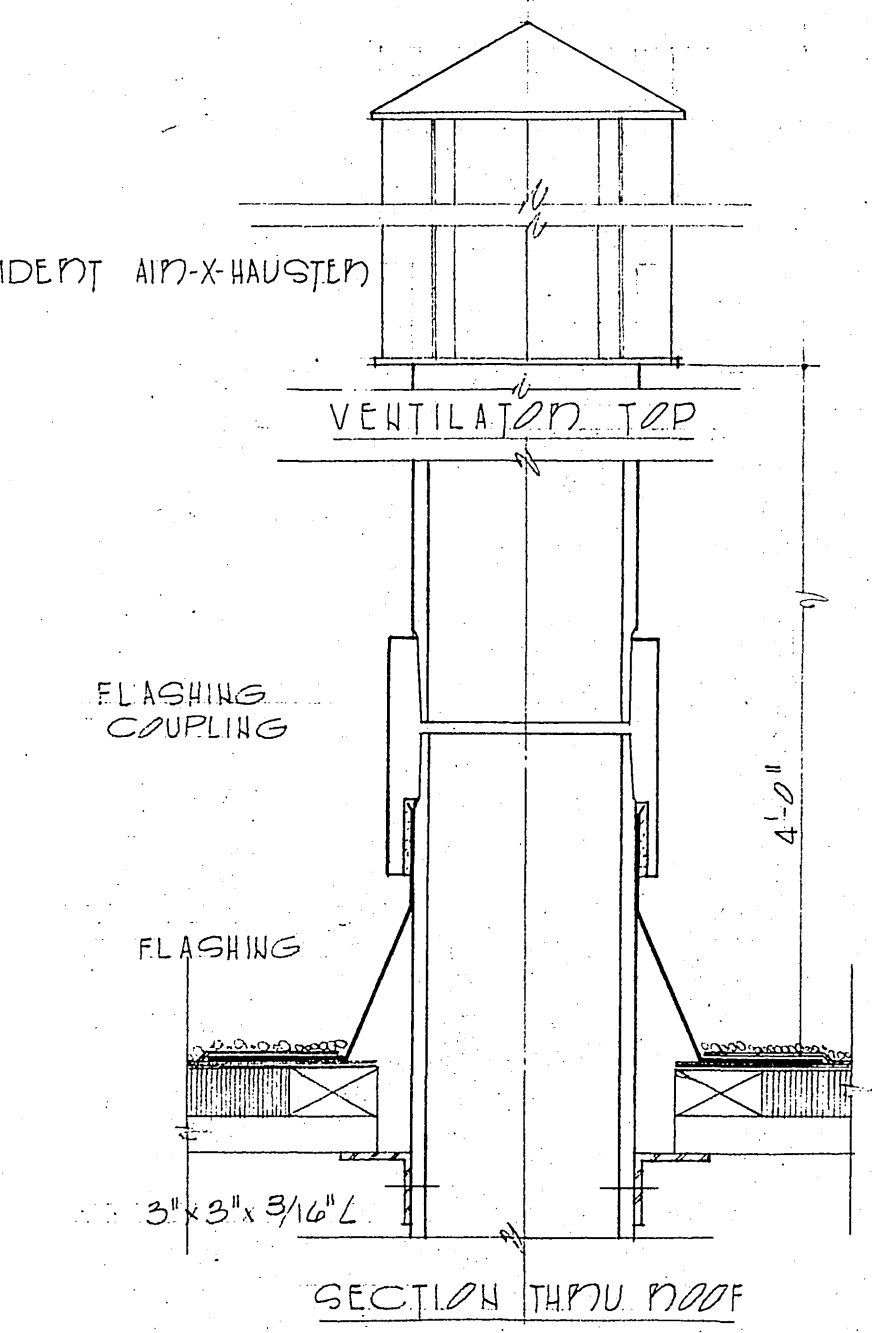
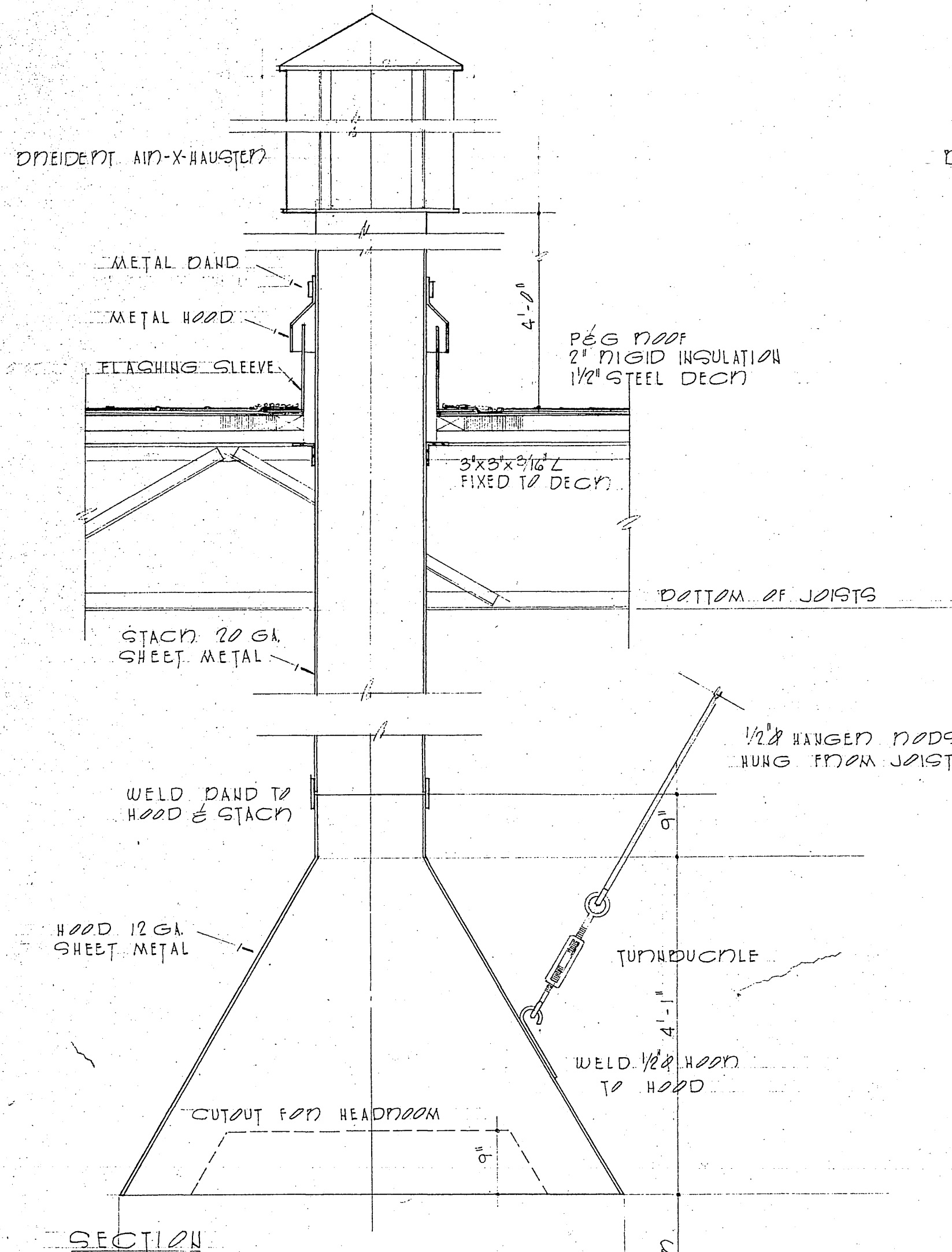
ROOF PLAN
SCALE 1/16" = 1'-0"



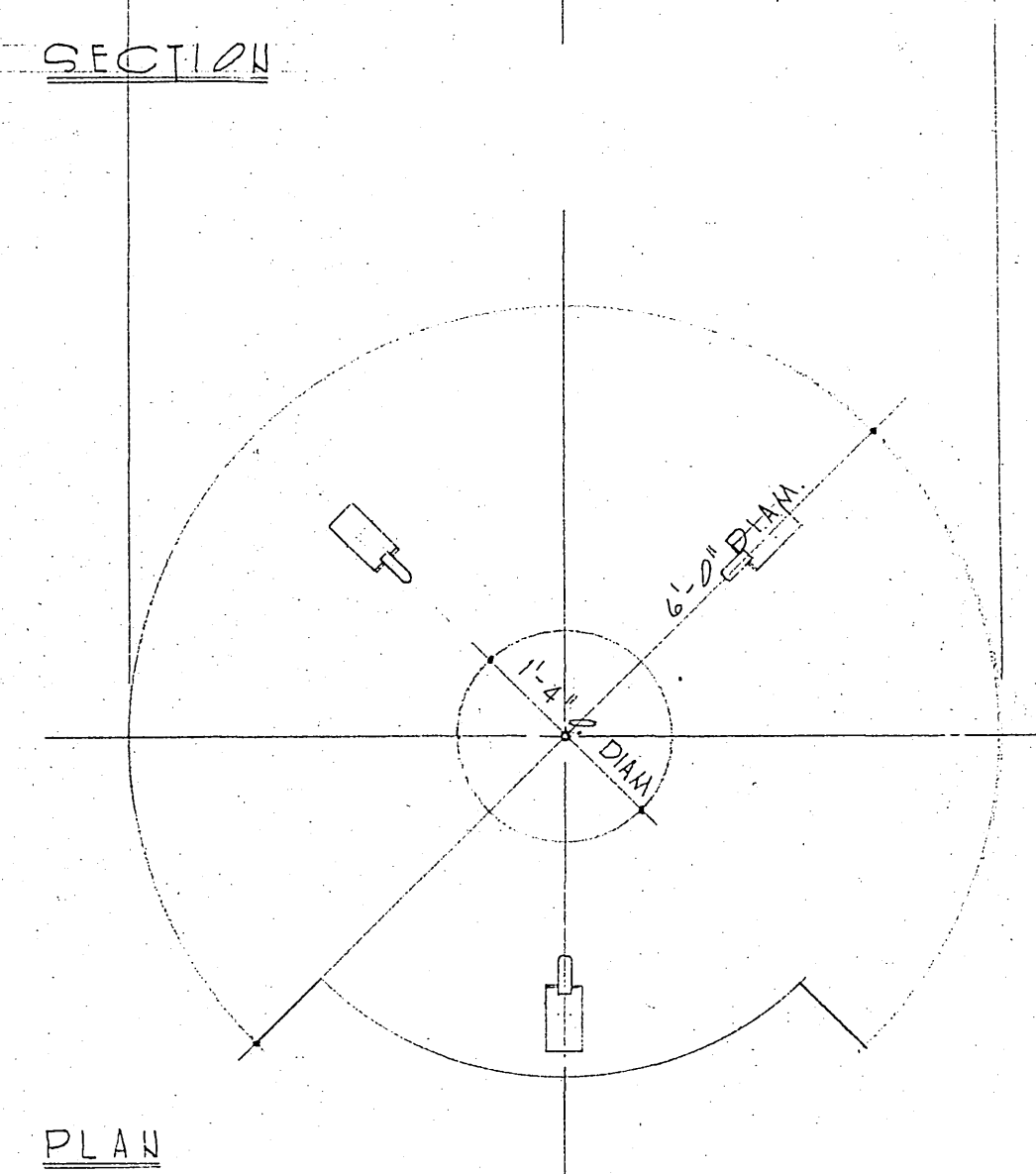
EXPANSION JOINT DETAILS
SCALE 1/16" = 1'-0"



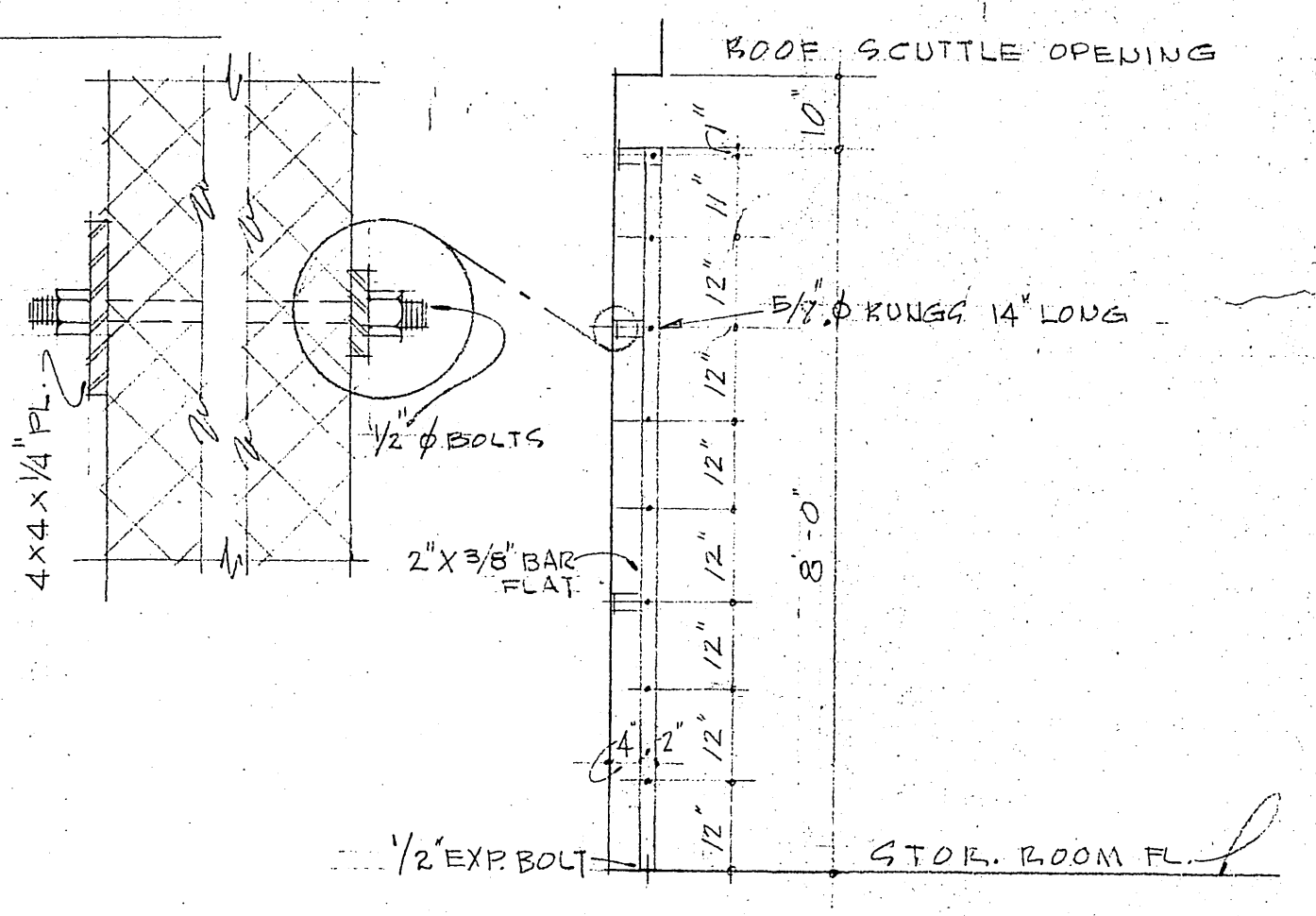
SERVICE GARAGE CITY OF MADISON 202 N. FIRST STREET, MADISON, WIS.			
NO.	SUBJECT	BY	DATE
REVISIONS			
DESIGNED BY	JOHN J. FLAD & ASSOCIATES ARCHITECTS & ENGINEERS	DATE	5/8/01
DRAWN BY	908 West Johnson Street Madison, Wisconsin	DATE	2/28/01



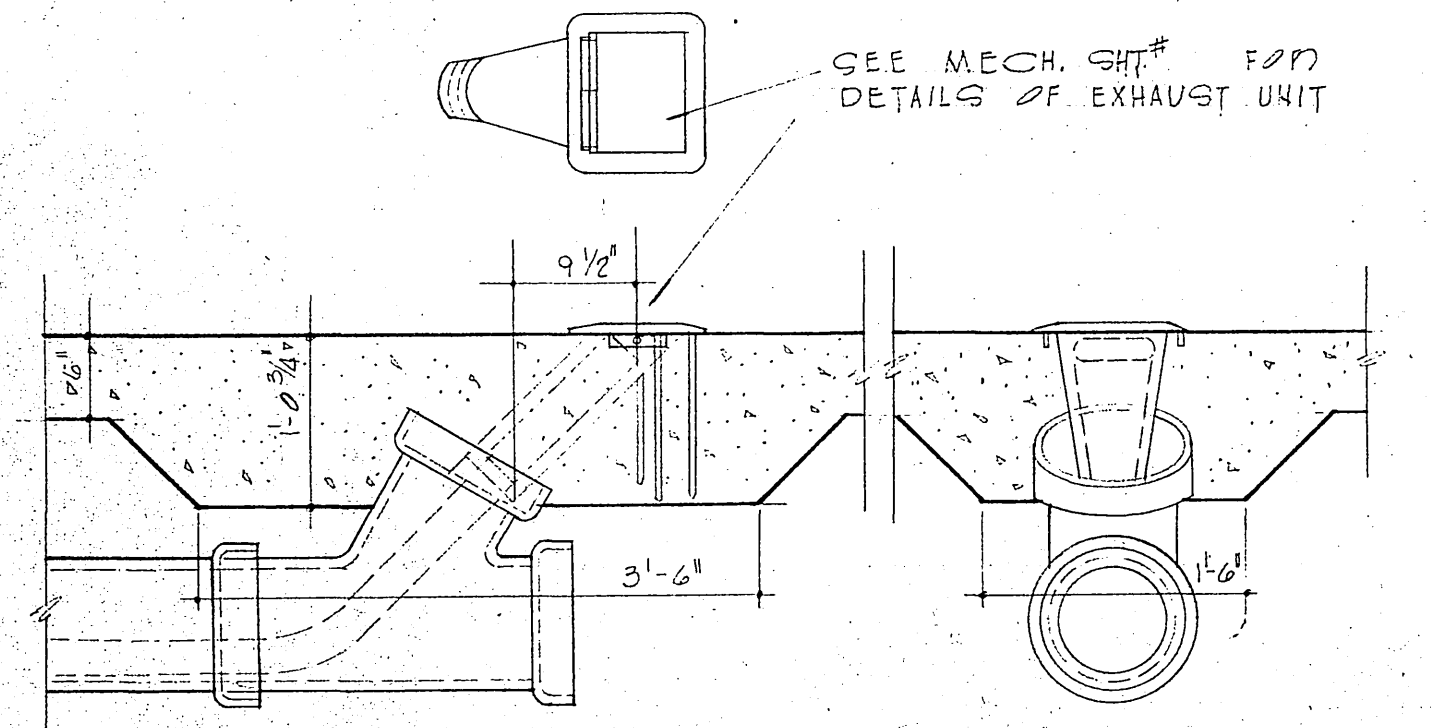
DETAIL OF TYPICAL TRANSITE FLUE SCALE 1/2\"/>



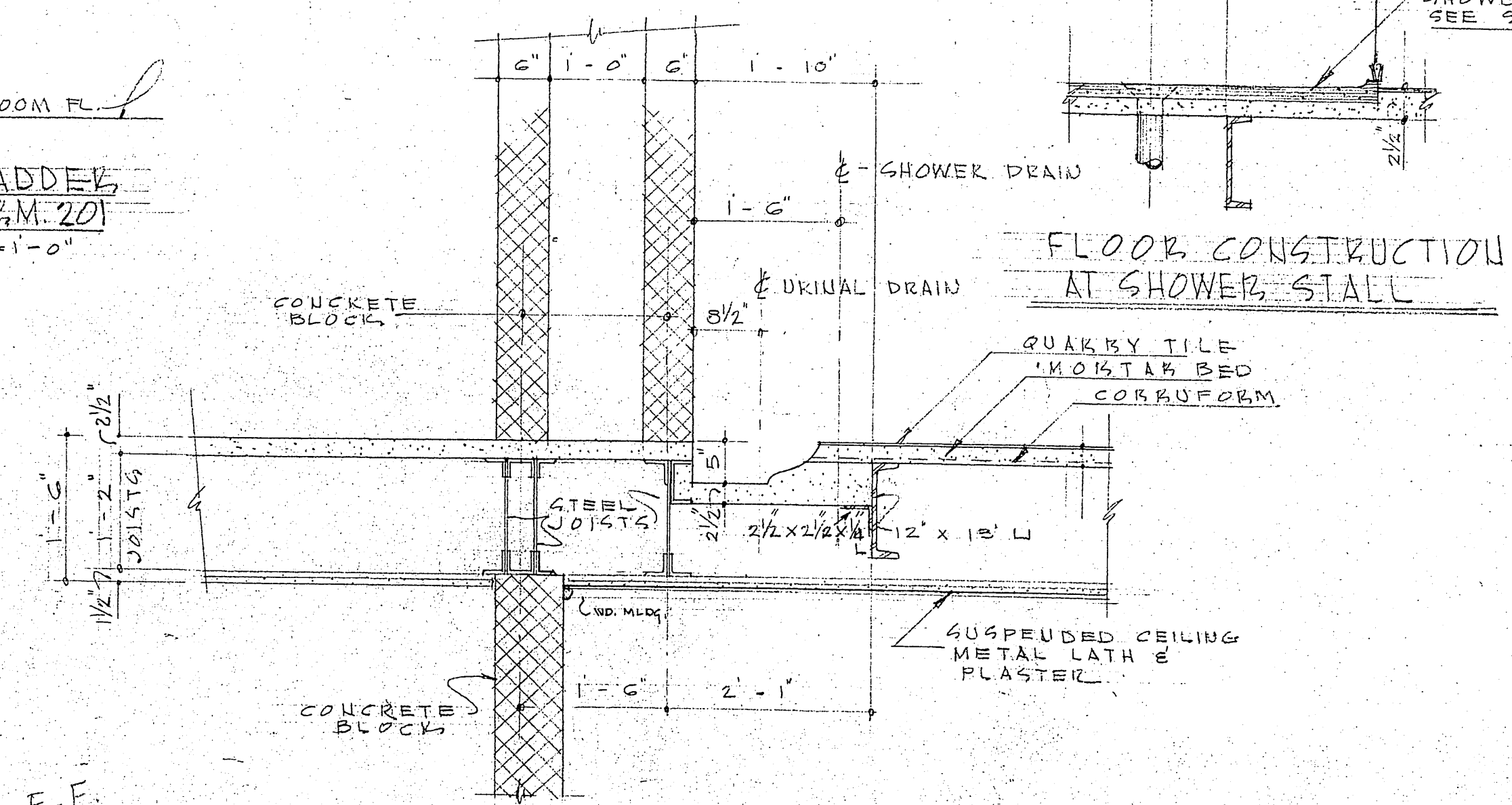
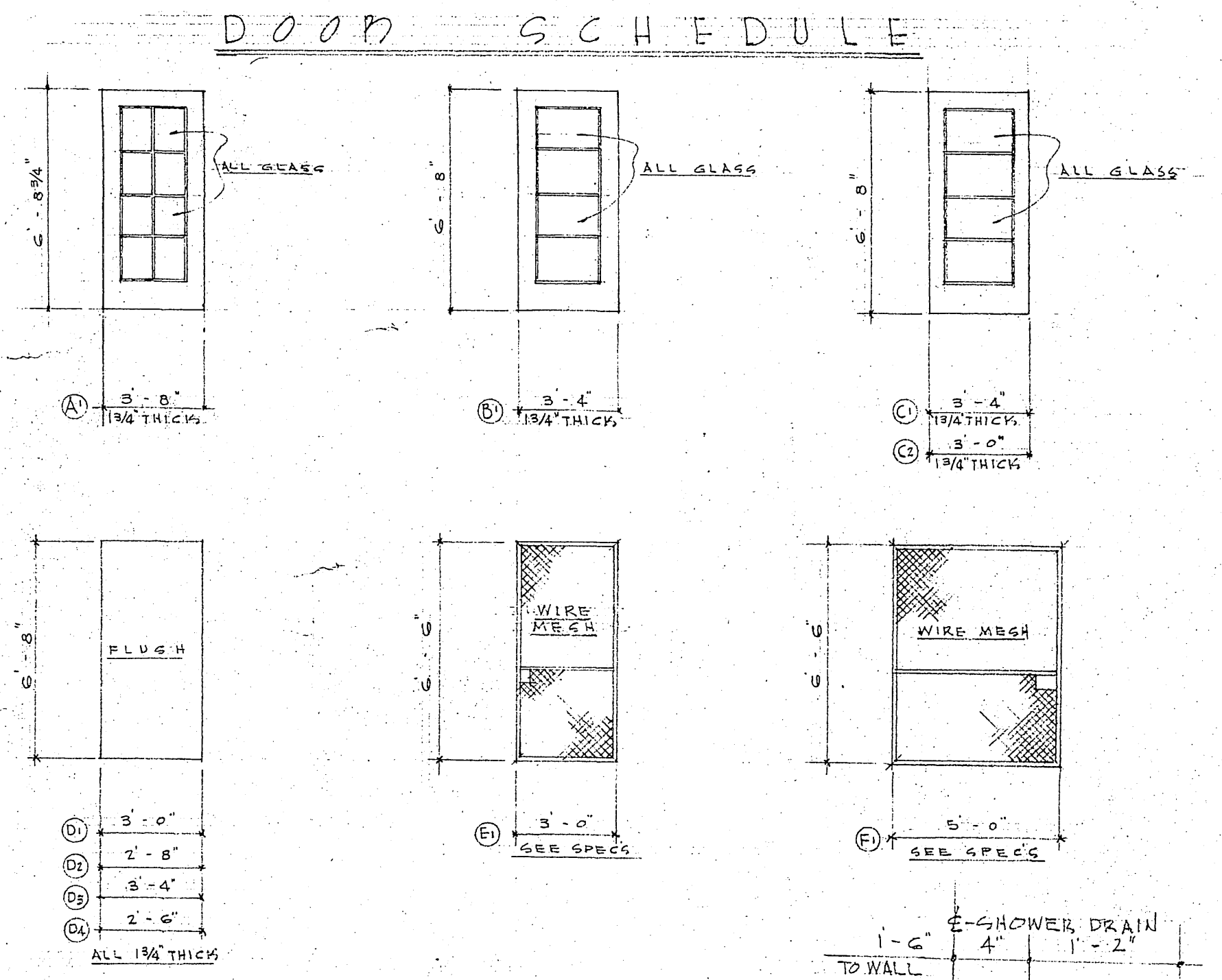
DETAIL OF FORGE HOOD IN BLACKSMITH SHOP ROOM SCALE 3/4\"/>



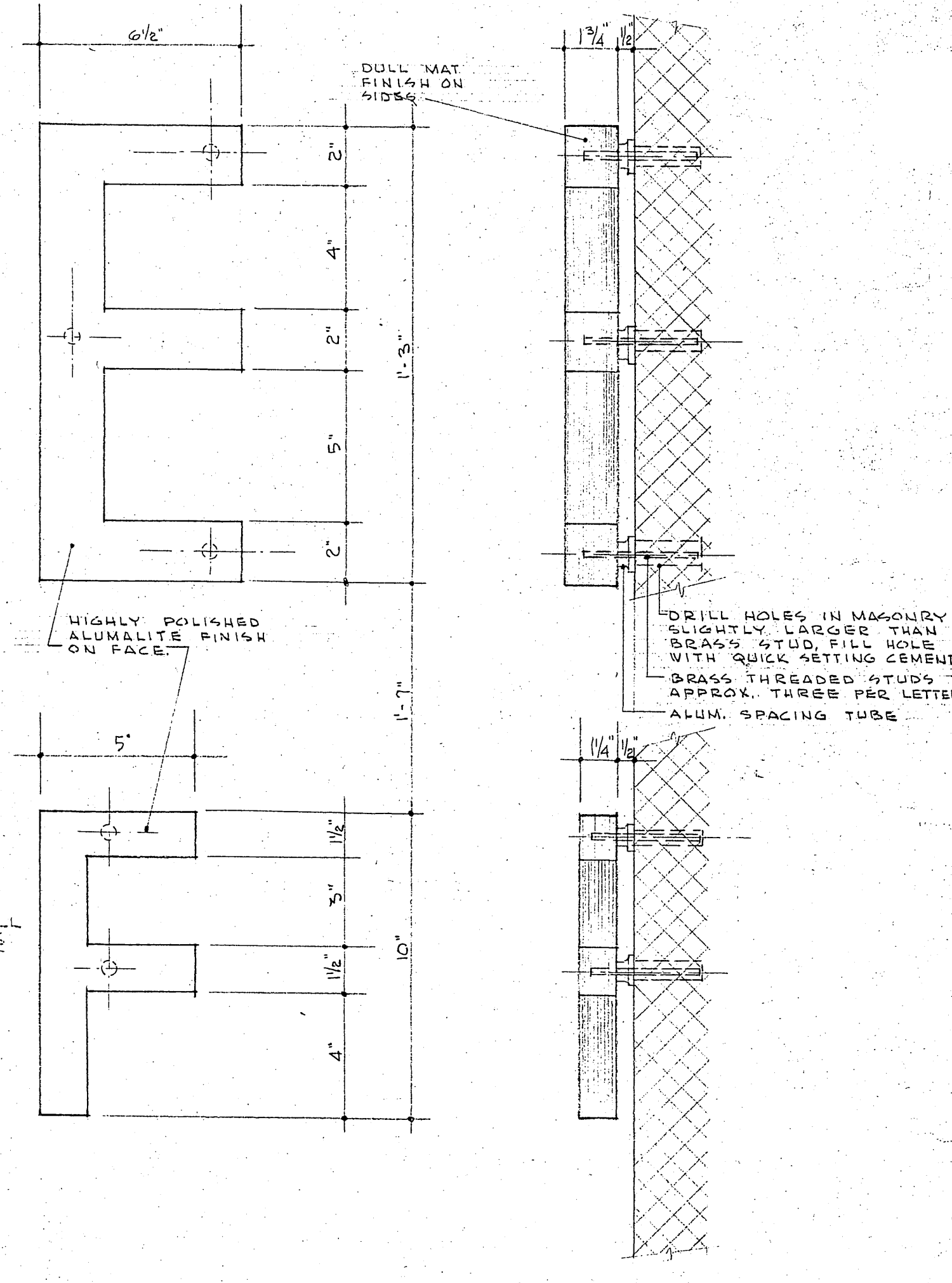
DETAIL OF STEEL LADDER TO ROOF SCUTTLE OPENING SCALE 1/2\"/>



DETAIL SHOWING FLOOR CONSTRUCTION AT UNDERSLAD EXHAUST UNITS NO SCALE



SECTION THRU MEZZENINE FLOOR AT ROOM (203) SCALE 3/4\"/>

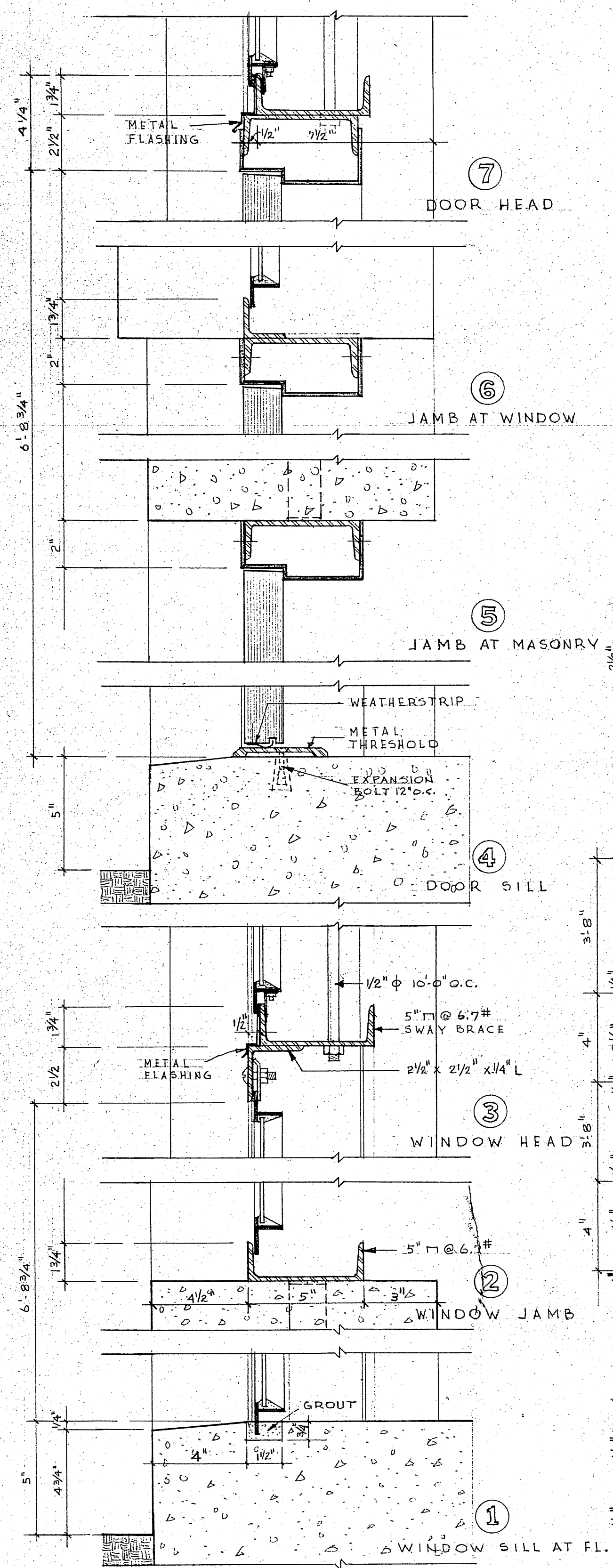


TYPICAL ALUMINUM LETTER DETAIL SCALE 5\"/>

ROOM NO	NAME	FLOOR		BASE		WALLS		VAINSCOT		CEILING		TRIM		REMARKS
		MATERIAL	FIN.	MATERIAL	FIN.	MATERIAL	FIN.	MATERIAL	FIN.	MATERIAL	FIN.	SUSP. CL. HT.	MAT'L	
101	ENTRY	CONC.	HRDNR			CONC. BLK.		2 PT. 5'-4" GL. ST. TILE		GYP. PLAST.	2 PT.	PINE *	2 PT.	* MET. DR'S & BUCKS. BULL. BOARD.
102	PARTS ROOM	CONC.	HRDNR			CONC. BLK. *				GYP. PLAST.	2 PT.	MET.	2 PT.	* MET. DR'S & BUCKS. WIRE PART. - SEE SPEC'S.
103	OPEN STORAGE	CONC.	HRDNR			CONC. BLK. *				GYP. PLAST.	2 PT.			* MET. DR'S & BUCKS. WIRE PART. - SEE SPEC'S.
104	TOILET	QUARRY TILE				CONC. BLK. *	3ENAM	5'-4" GL. ST. TILE		KEENE CEM.	3ENAM	MET. *	3ENAM	* MET. DR'S & BUCKS. - MET. TOILET STALLS
105	UTILITY ROOM	CONC.	HRDNR			CONC. BLK.				GYP. PLAST.	2 PT.	MET. *	3ENAM	* MET. DR'S & BUCKS.
106	MACHINE SHOP	CONC.	HRDNR			CONC. BLK. *				GYP. PLAST.	2 PT.			* WIRE PART. - SEE SPEC'S.
107	CORRIDOR	CONC.	HRDNR			CONC. BLK. *				GYP. PLAST.	2 PT.	MET. *	2 PT.	* MET. BUCKS & DOORS - WIRE PART. - SEE SPEC'S.
108	TIRE STORAGE	CONC.	HRDNR			CONC. BLK. *				GYP. PLAST.	2 PT.			* WIRE PART. - SEE SPEC'S.
109	BLACKSMITH SHOP	CONC.	HRDNR			CONC. BLK. *				EXPOS. STL. JSTS.	2 PT.			* FORGE HOOD - SEE DTL.
110	OIL STORAGE RM.	CONC.	HRDNR			CONC. BLK. *				GYP. PLAST.	2 PT.			* WIRE PART. - SEE SPEC'S.
111	STOR. GARAGE	CONC.	HRDNR			CONC. BLK.				EXPOS. STL. JSTS.	2 PT.	MET. *	2 PT.	* MET. BUCKS & DOORS
112	REPAIR GARAGE	CONC.	HRDNR			CONC. BLK.				EXPOS. STL. JSTS.	2 PT.	MET. *	2 PT.	* MET. BUCKS & DOORS
A	STAIR HALL	CONC.	HRDNR			CONC. BLK.		2 PT. 5'-4" GL. ST. TILE		GYP. PLAST.	2 PT.	SEE DTL. SEE SPEC'S.	2 PT.	* PIPE HANDRAIL - MET. DR'S & BUCKS
B	STAIR HALL	CONC.	HRDNR			CONC. BLK.		2 PT. 5'-4" GL. ST. TILE		GYP. PLAST.	2 PT.	SEE DTL. SEE SPEC'S.	2 PT.	* PIPE HANDRAIL - MET. DR'S & BUCKS
201	STOR. BALCONY	CONC.				CONC. BLK.				EXPOS. STL. JSTS.	2 PT.	MET. *	2 PT.	* MET. DR'S & BUCKS
202	OFFICE	ASPHALT TILE	WAX			CONC. BLK.		2 PT. 5'-4" GL. ST. TILE		GYP. PLAST.	2 PT.	PINE *	2 PT.	* MET. DR'S & BUCKS - WINDOW TO GARAGE
203	WASHROOM	QUARRY TILE	WAX			CONC. BLK.		2 PT. 5'-4" GL. ST. TILE		KEENE CEM.	3ENAM	MET. *	2 PT.	* MET. DR'S & BUCKS - MET. TOILET STALLS & SHOWERS
204	LOCKER ROOM	ASPHALT TILE	WAX			CONC. BLK.		2 PT. 5'-4" GL. ST. TILE		GYP. PLAST.	2 PT.	MET. *	2 PT.	* MET. DR'S & BUCKS, MET. LOCKERS, WOOD BENCH, & PIPE LADDER
205	LUNCH ROOM	ASPHALT TILE	WAX			CONC. BLK.		2 PT. 5'-4" GL. ST. TILE		GYP. PLAST.	2 PT.	MET. *	2 PT.	* MET. DR'S & BUCKS

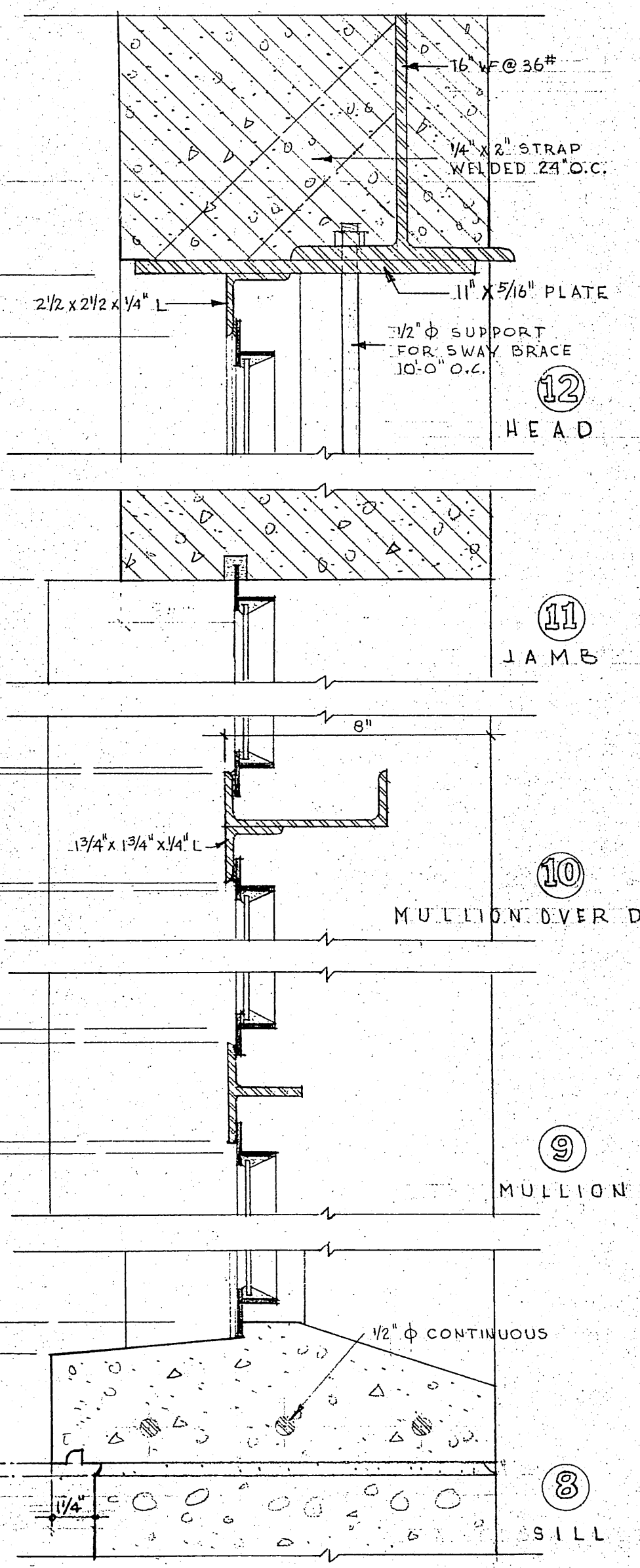
NOTES:
 ALL ANTE-ROOMS, CLOSETS, COAT CLOSETS, ETC. ADJACENT TO OR OPENING INTO LARGER ROOMS SHALL BE FINISHED THE SAME AS LARGER ROOMS. THEY OPEN INTO, AND SHALL HAVE THE SAME FLOOR BASE, TRIM, ETC. UNLESS OTHERWISE NOTED. * SEE REMARKS; ● SCREEN WINDOW OPENINGS.

SERVICE GARAGE CITY OF MADISON 202 N. FIRST STREET, MADISON, WIS.			
DRW. BY E. K. J.	DATE 10/25/53	SCALE AS SHOWN	PROJECT NO. 5301
ARCHITECTS & ENGINEERS JOHN J. FLAD & ASSOCIATES 908 West Johnson Street Madison Wisconsin		DATE 10/25/53	PROJECT NO. 5301
NO.	SUBJECT	BY	DATE
REVISIONS			

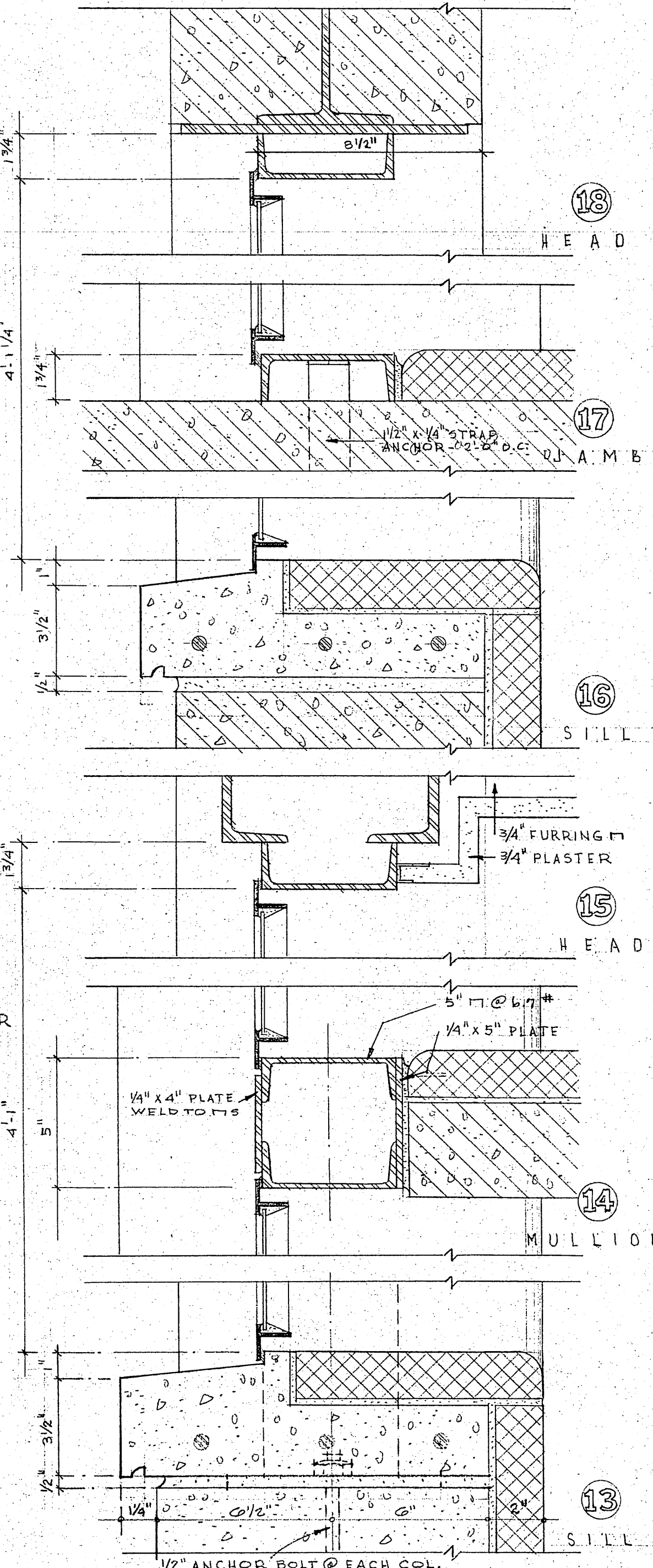


SIDE ENTRANCE DOOR & WINDOW DETAILS

SCALE 3" = 1'-0"

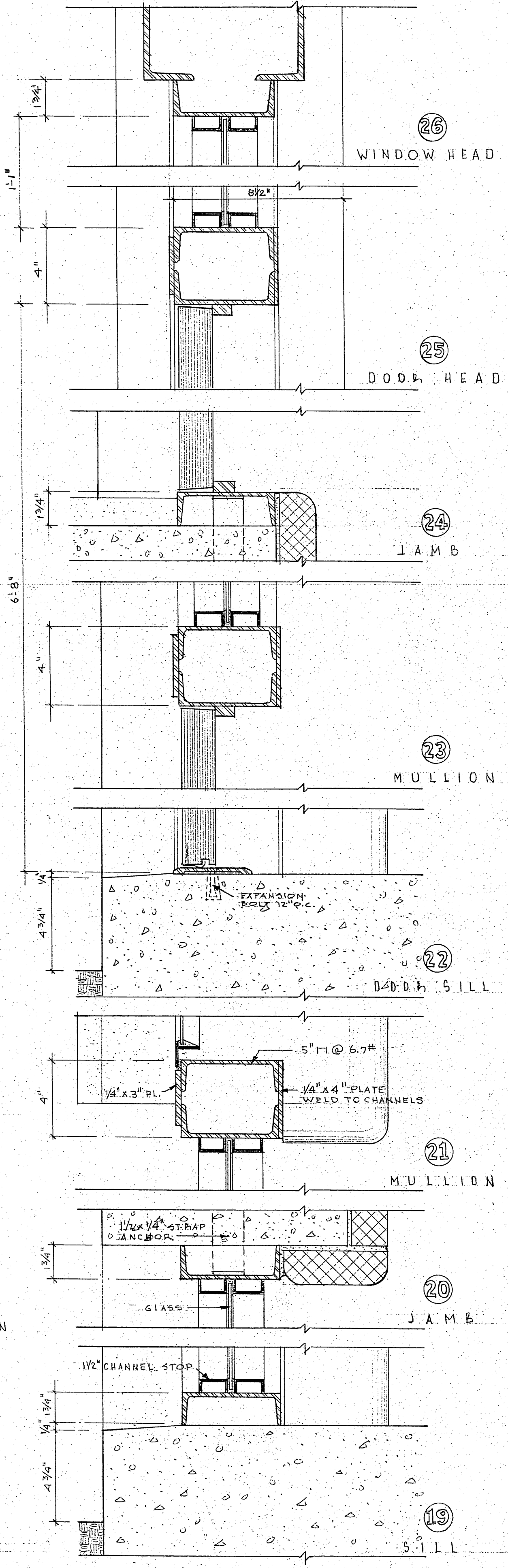


SIDE ELEVATION WINDOW DETAILS

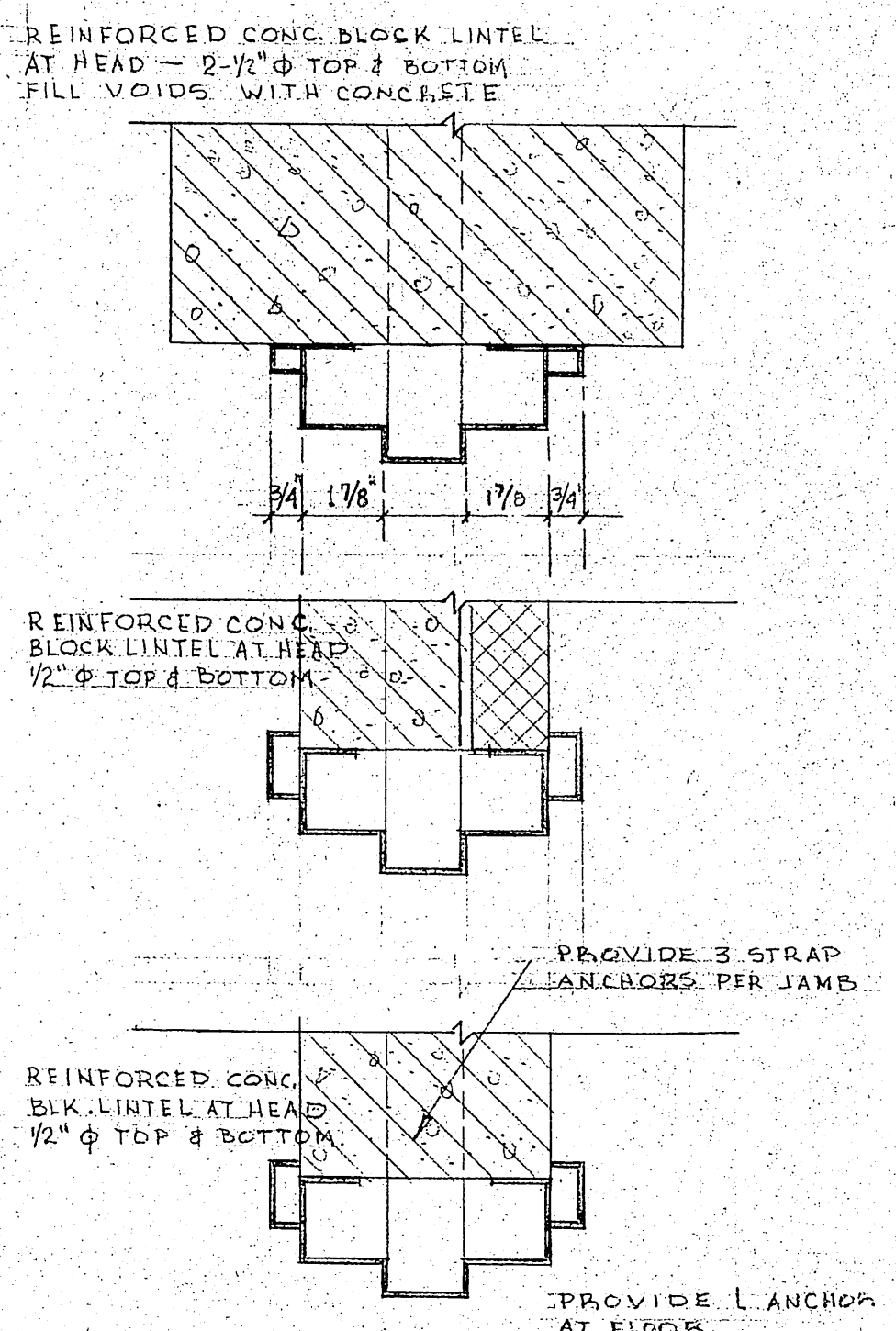


FRONT ELEVATION WINDOW DETAILS

SCALE 3" = 1'-0"



FRONT ELEVATION DOOR AND SIDELIGHT DETAILS

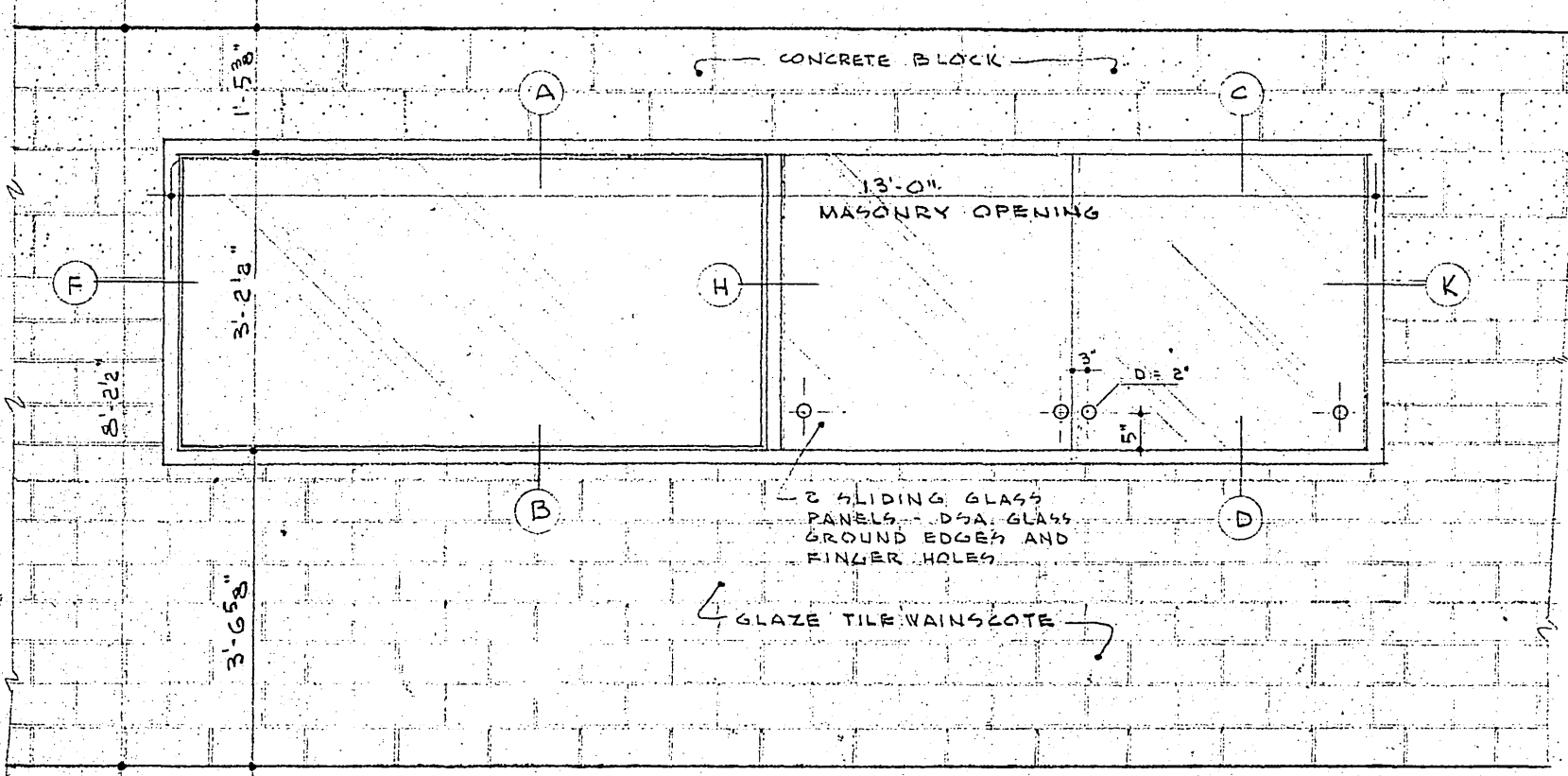


TYPICAL JAMB DETAILS

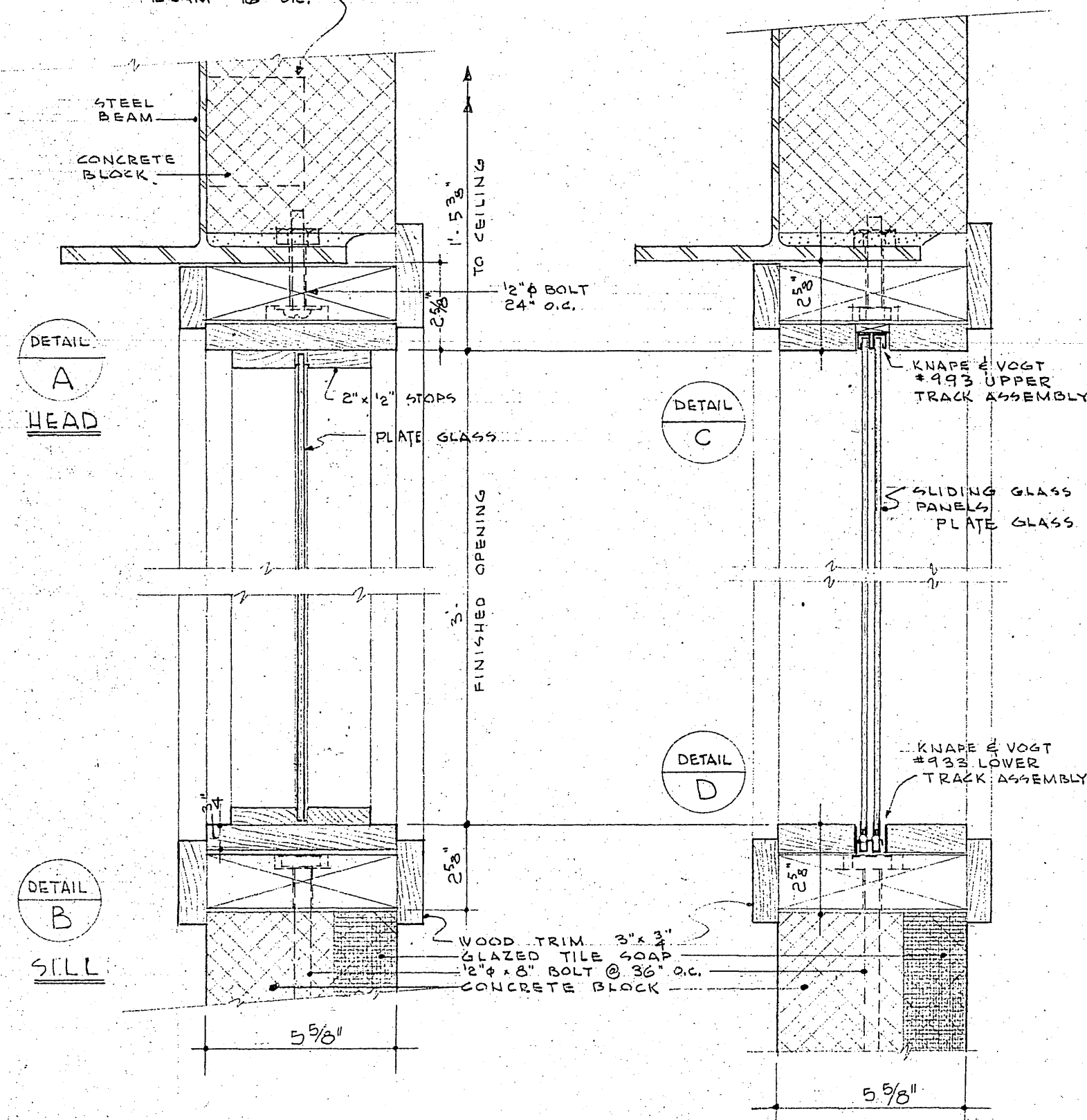
(HEADS SIMILAR)

SCALE 3" = 1'-0"

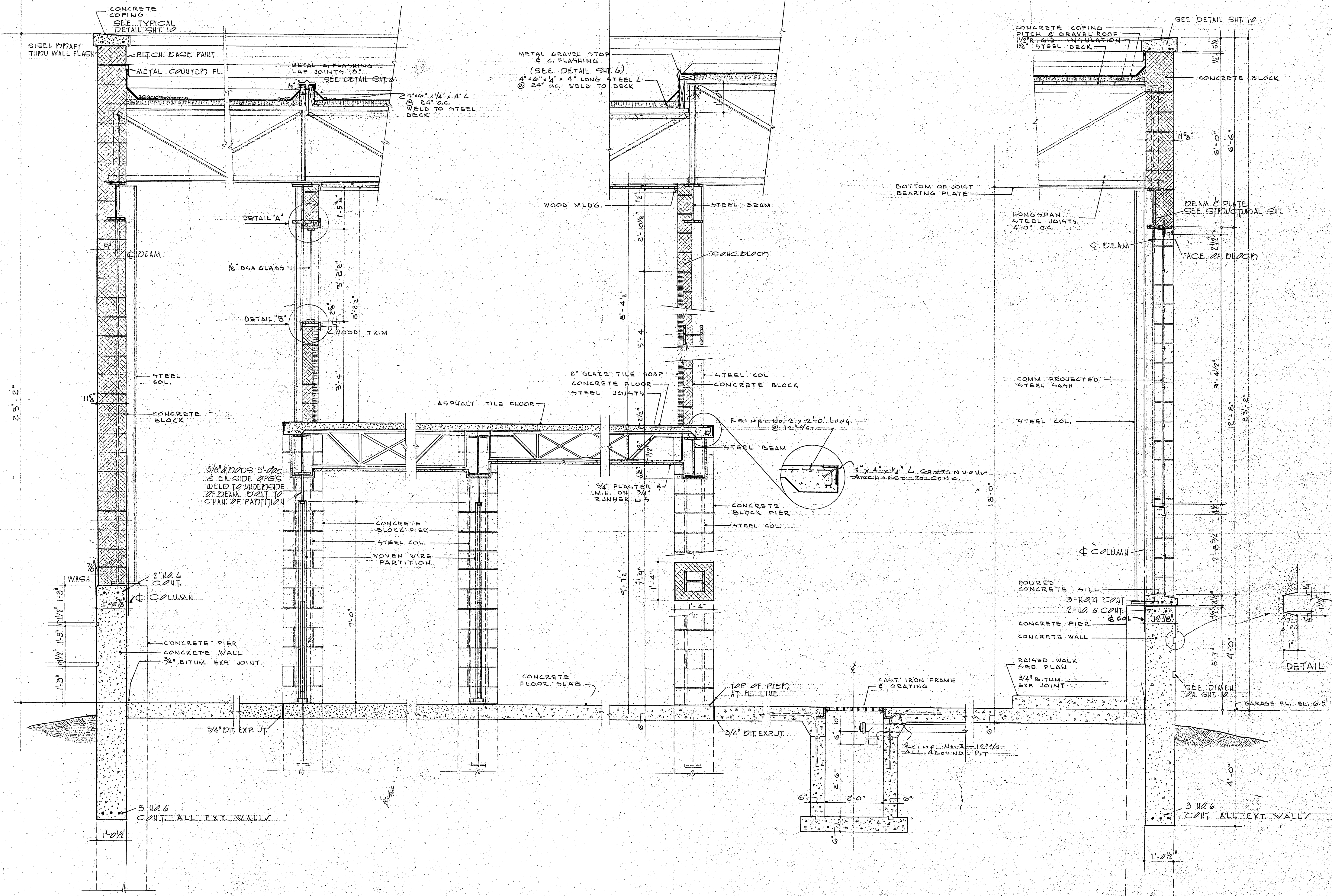
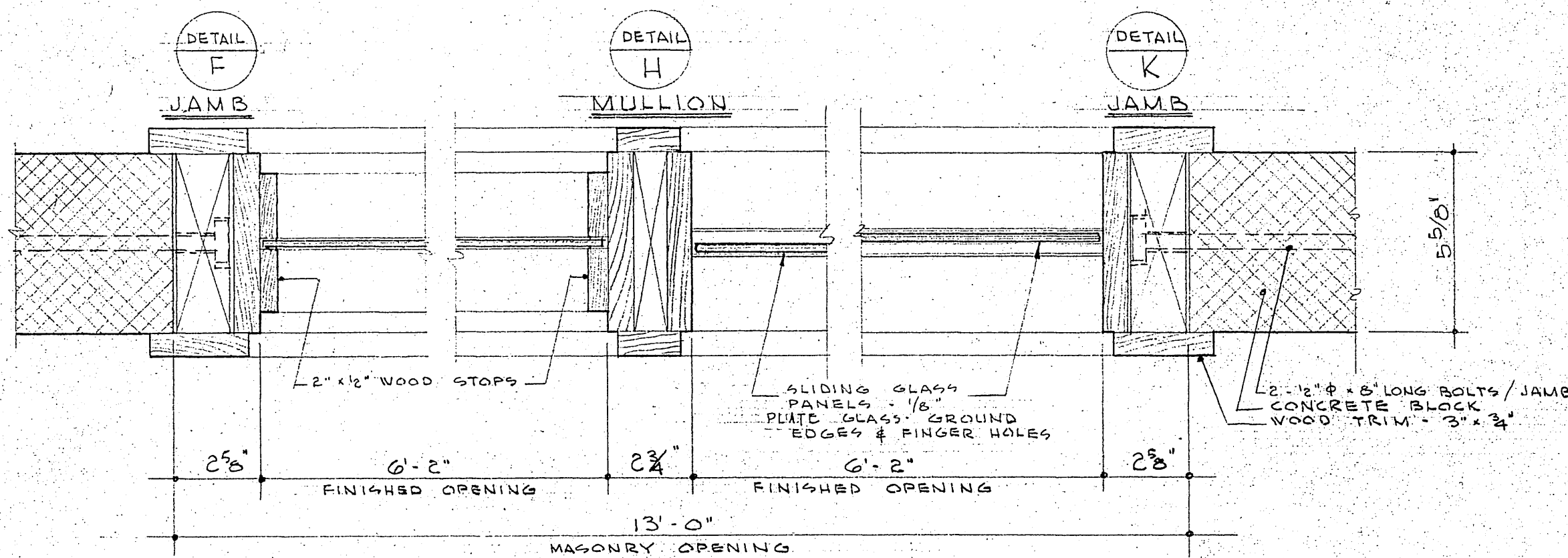
SERVICE GARAGE CITY OF MADISON			
202 NO. 15 TH STREET, MADISON, WISCONSIN			
NO.	SUBJECT	BY	DATE
1	JOHN J. LEAD & ASSOCIATES ARCHITECTS & ENGINEERS	JML	5/30/57
503 West Johnson Street Madison, Wisconsin			
REVISIONS			8



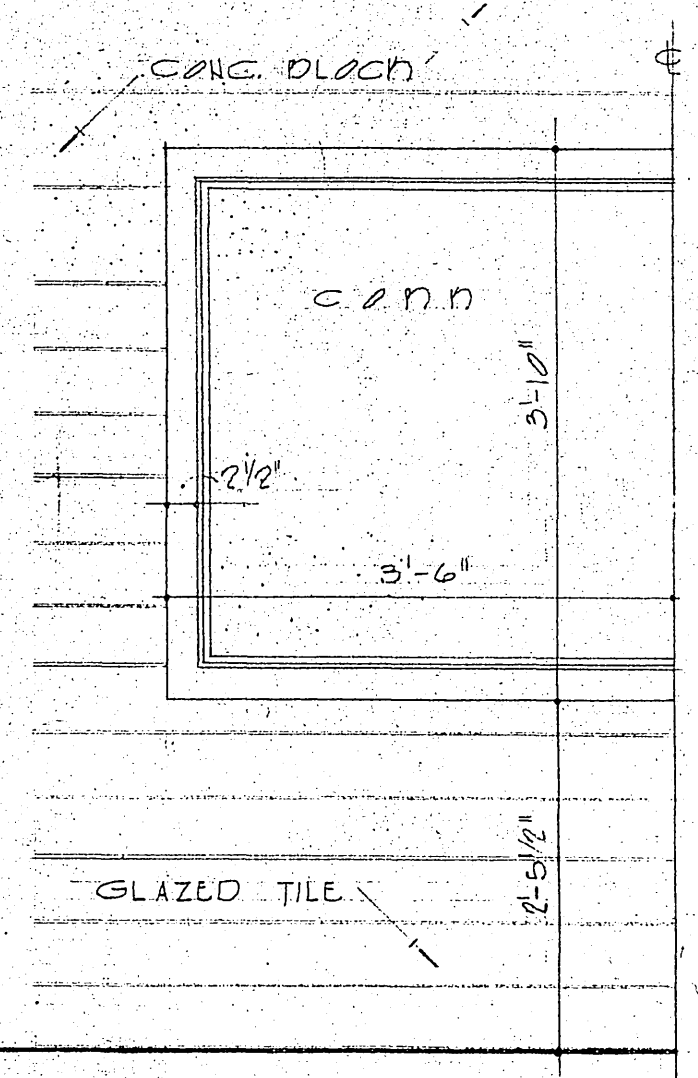
PARTIAL ELEVATION OF WINDOW FROM OFFICE TO REPAIR SHOP
SCALE 1/2" = 1'-0"



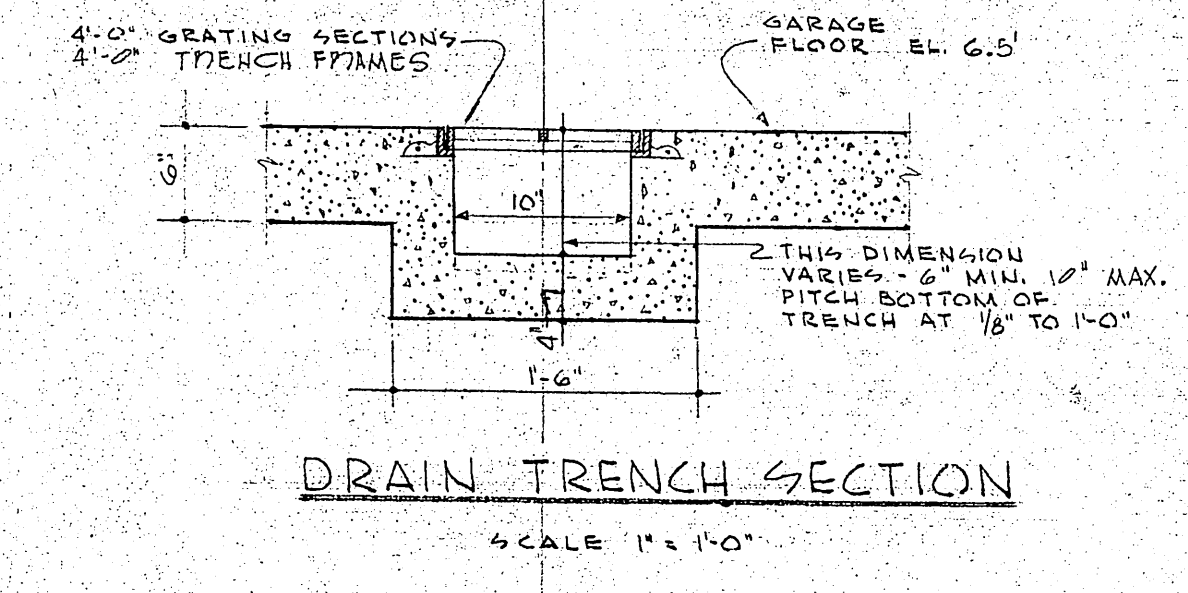
INTERIOR WINDOW DETAILS
SCALE 3/4" = 1'-0"



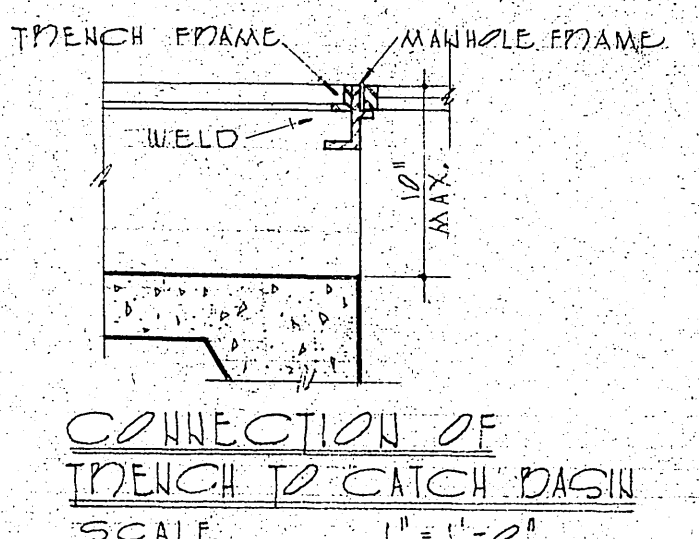
SECTION "A-A"
SCALE 1/2" = 1'-0"



ELEVATION
DETAIL OF DULLED BOARD IN ENTRY
SCALE 3/4" = 1'-0"

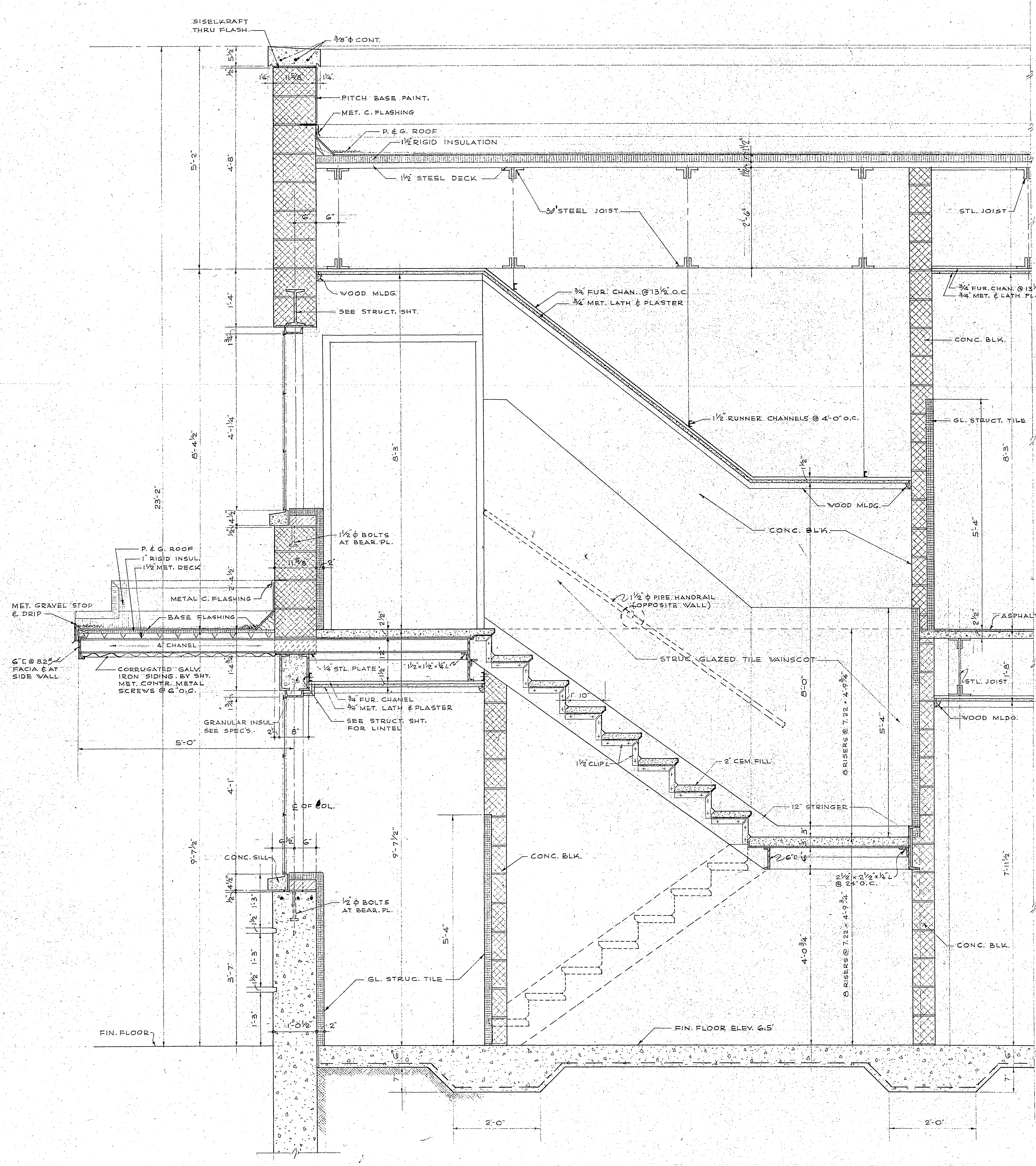


DRAIN TRENCH SECTION
SCALE 1" = 1'-0"

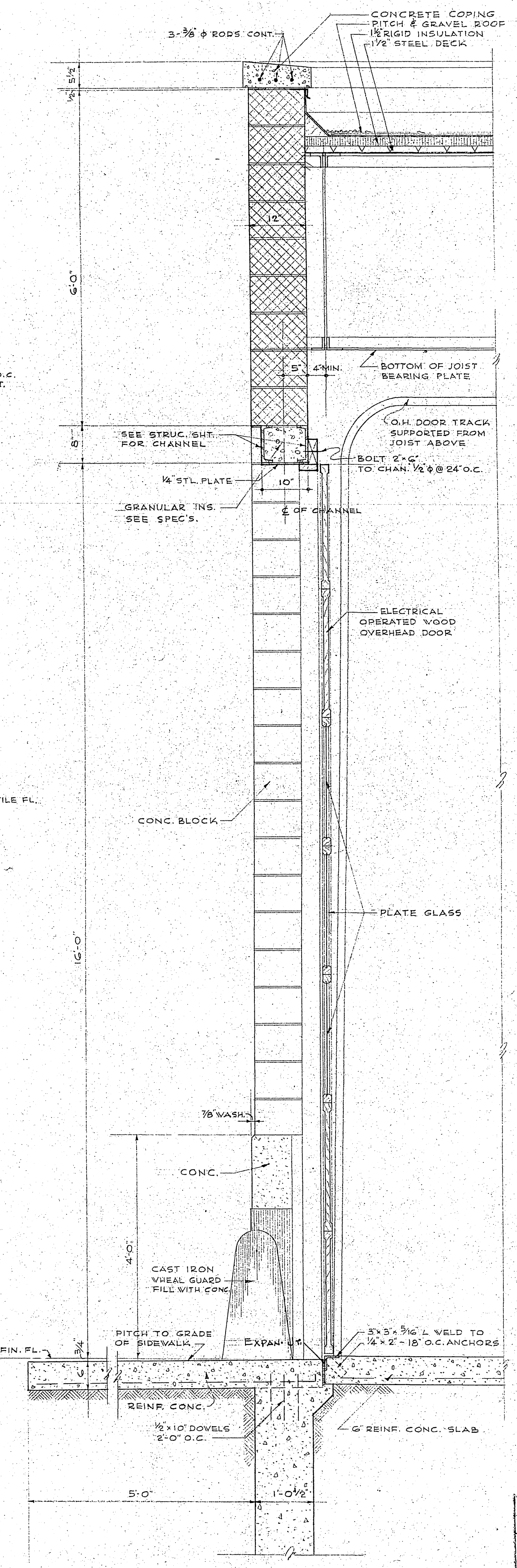


CONNECTION OF TRENCH TO CATCH BASIN
SCALE 1" = 1'-0"

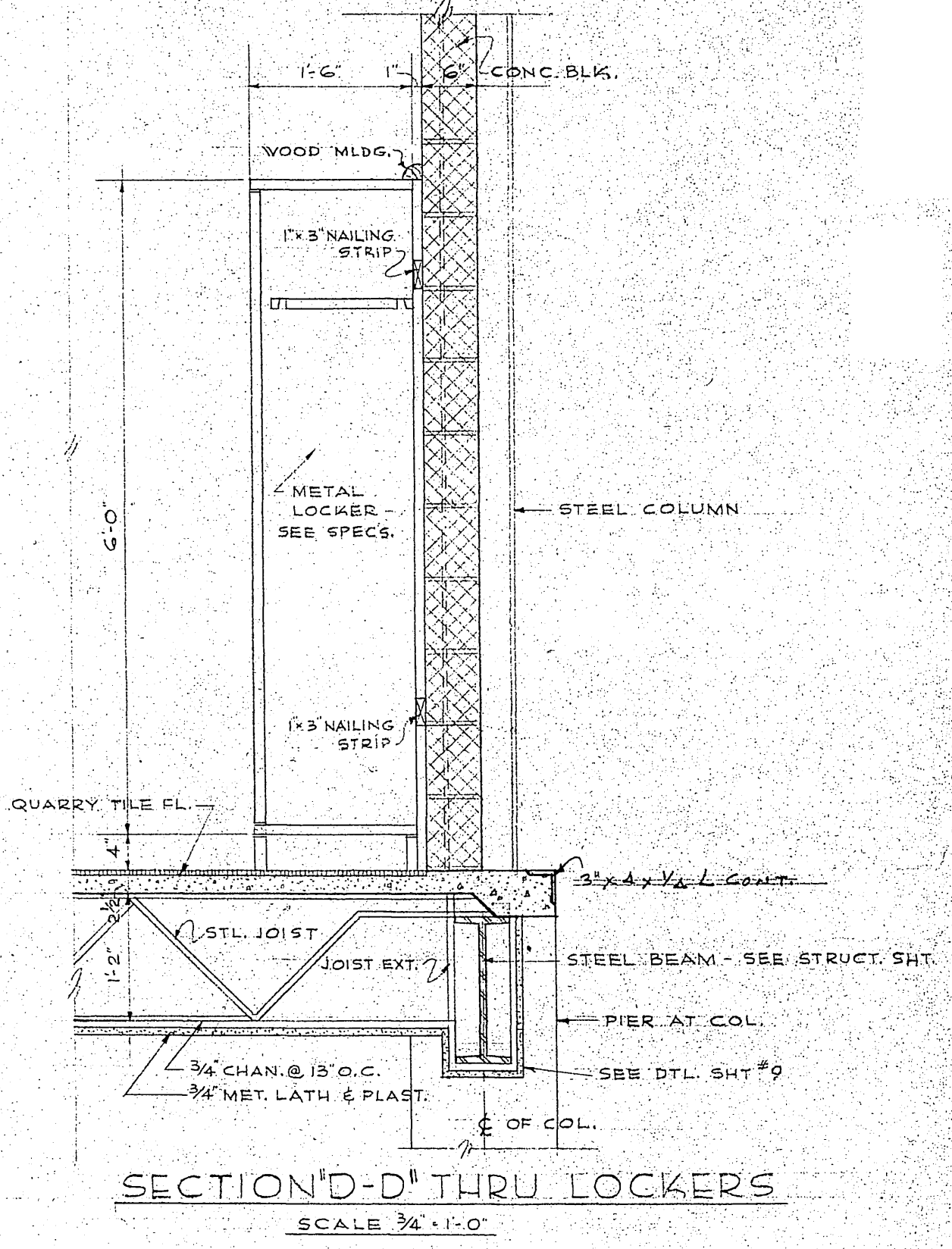
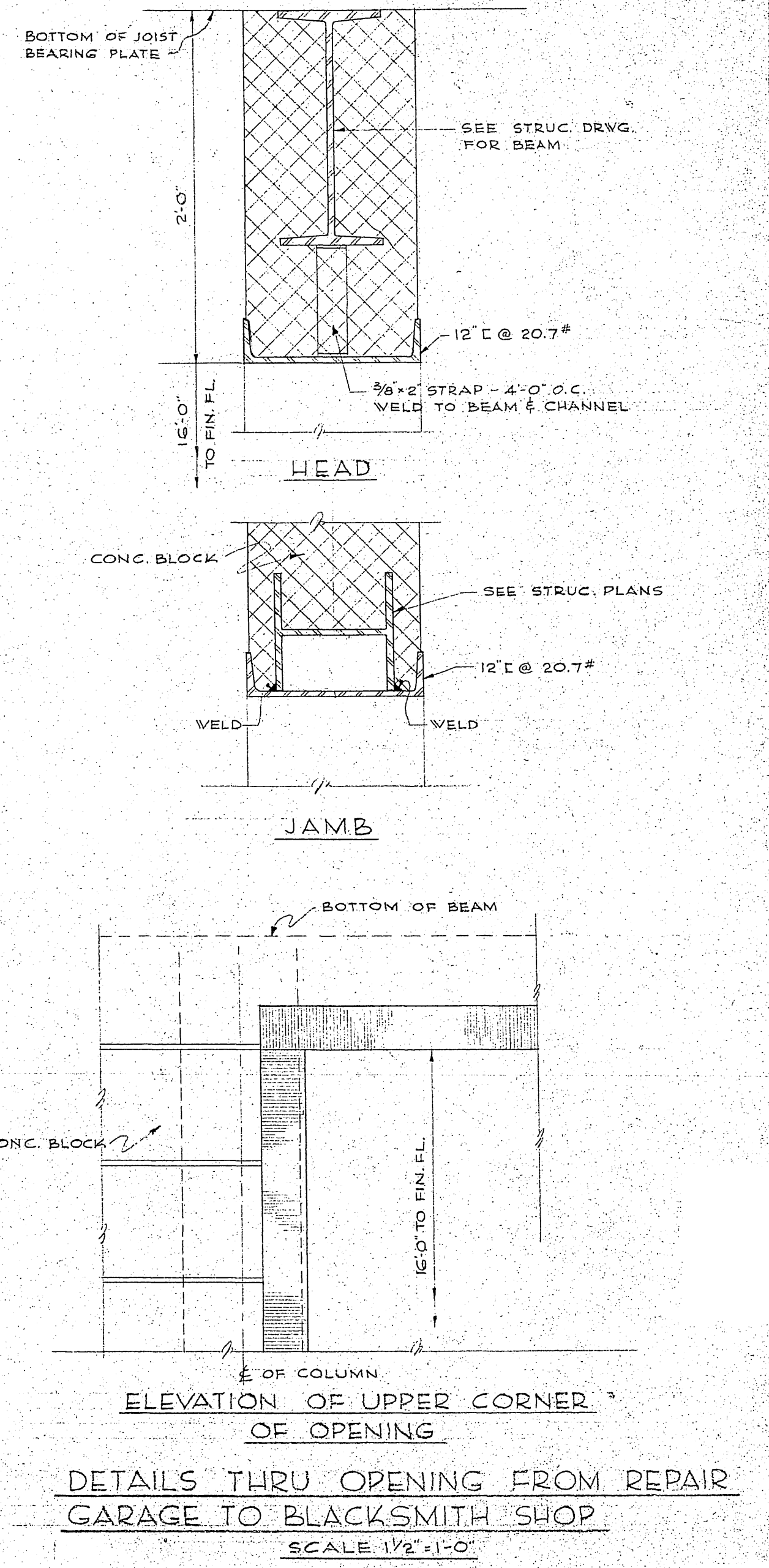
SERVICE GARAGE CITY OF MADISON 202 N. FIRST STREET, MADISON, WIS.			
DESIGNED BY J.F.K.	CHECKED BY J.H.F.	DATE 3-23-46	SHEET NO. 9
ARCHITECTS & ENGINEERS JOHN J. FLAD & ASSOCIATES 908 West Johnson Street Madison Wisconsin		JOB NO. 53201	
REVISIONS			



SECTION B-B THRU FRONT WINDOW AND STAIRWAY SCALE 3/4" = 1'-0"
 NOTE: STAIRWAY "B" OF SIMILAR CONSTRUCTION SEE STRUCT. SHT. FOR STRUCT. MEMBERS

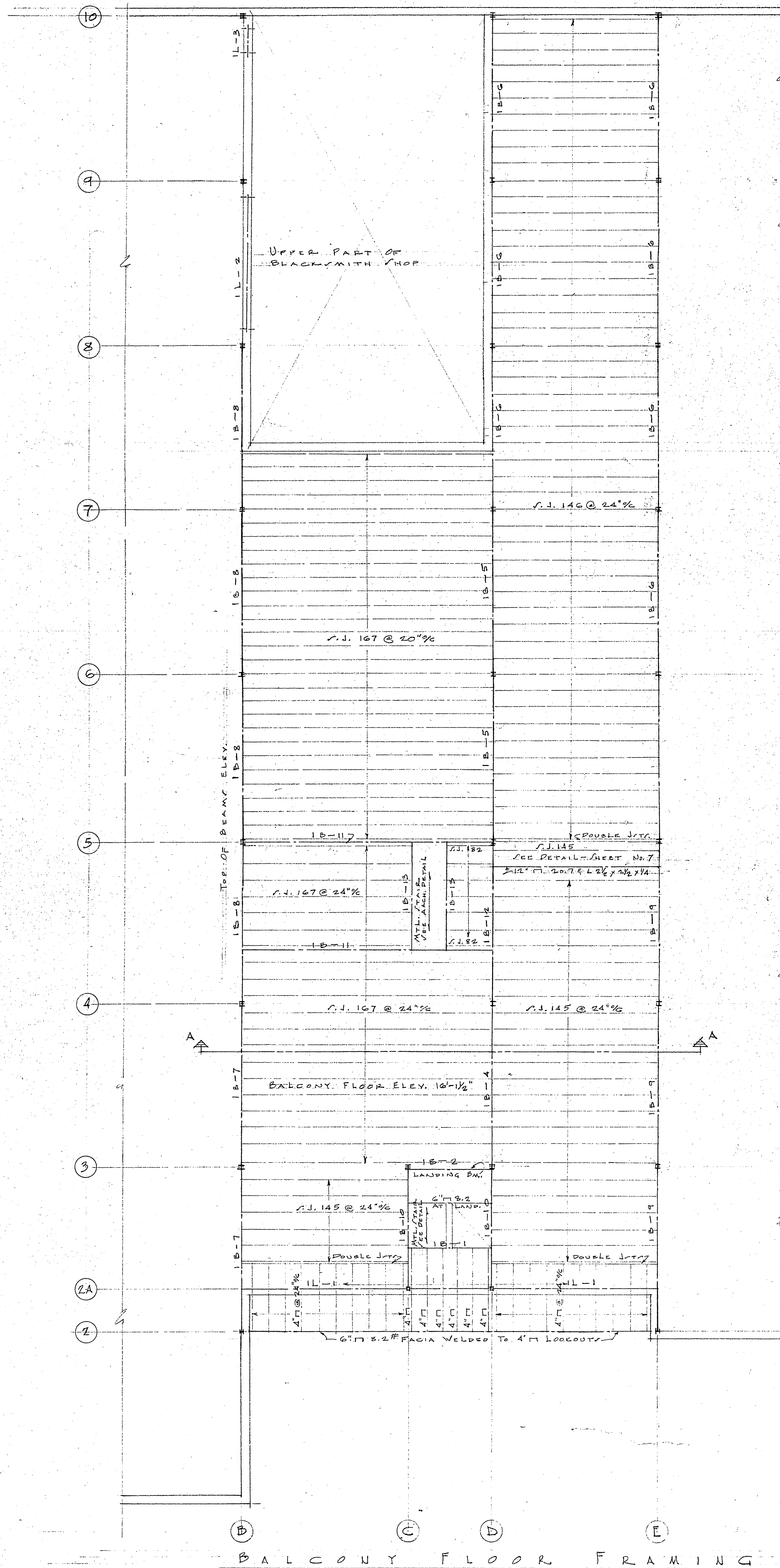


SECTION C-C THRU OVERHEAD DOOR SCALE 3/4" = 1'-0"



SECTION D-D THRU LOCKERS SCALE 3/4" = 1'-0"

SERVICE GARAGE CITY OF MADISON 202 N. FIRST STREET, MADISON, WIS.			
DESIGNED BY	JOHN J. FLAD & ASSOCIATES	DATE	5/25/23
TRACED BY	ARCHITECTS & ENGINEERS	SCALE	AS SHOWN
908 West Johnson Street Madison Wisconsin		PROJECT NO.	10
NO.	SUBJECT	BY	DATE
	REVISIONS	JH7	



BALCONY FLOOR FRAMING

BEAM

1B-1	10" x 15.5
1B-2	12" x 16.7
1B-3	12" x 18.3
1B-4	16" x 24
1B-5	16" x 24
1B-6	16" x 24
1B-7	16" x 24
1B-8	16" x 24
1B-9	16" x 24
1B-10	12" x 16.7
1B-11	14" x 17
1B-12	16" x 24
1B-13	8" x 11.5

LINTEL

1L-1	2" x 10" x 20" x 1/2" x 1/2"
1L-2	12" x 20" x 20" x 1/2" x 1/2"

NOTE: BEAM ABOVE WITH 2" x 3/8" STRAP WELDED TO DM @ 4" o.c.

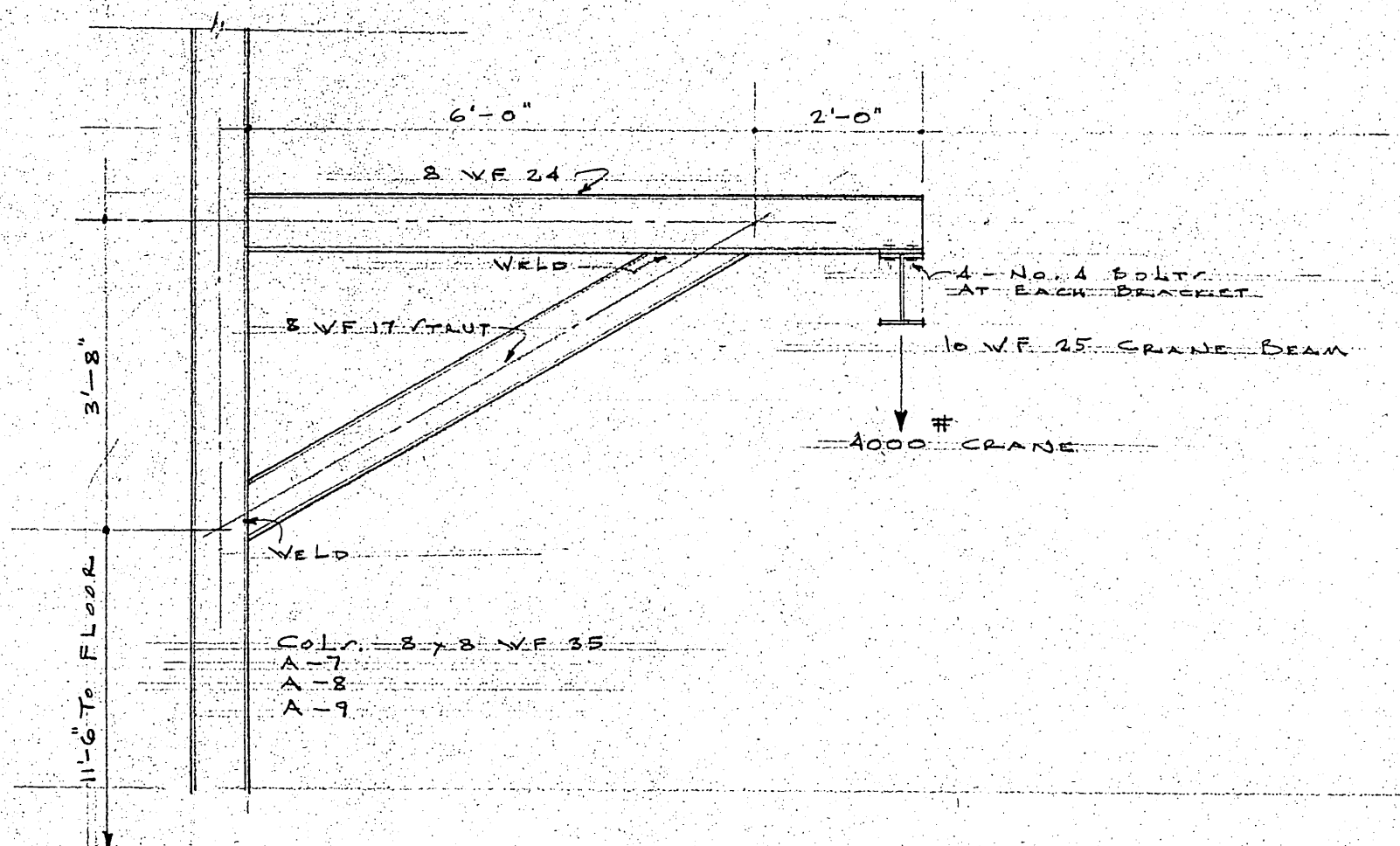
COLUMN

D-1	6" x 6" x 15.5
D-2	6" x 6" x 20.0
D-3	6" x 6" x 20.0
D-4	6" x 6" x 20.0
D-5	6" x 6" x 20.0
D-6	6" x 6" x 20.0
D-7	6" x 6" x 20.0
D-8	6" x 6" x 20.0
D-9	6" x 6" x 20.0
D-10	6" x 6" x 20.0

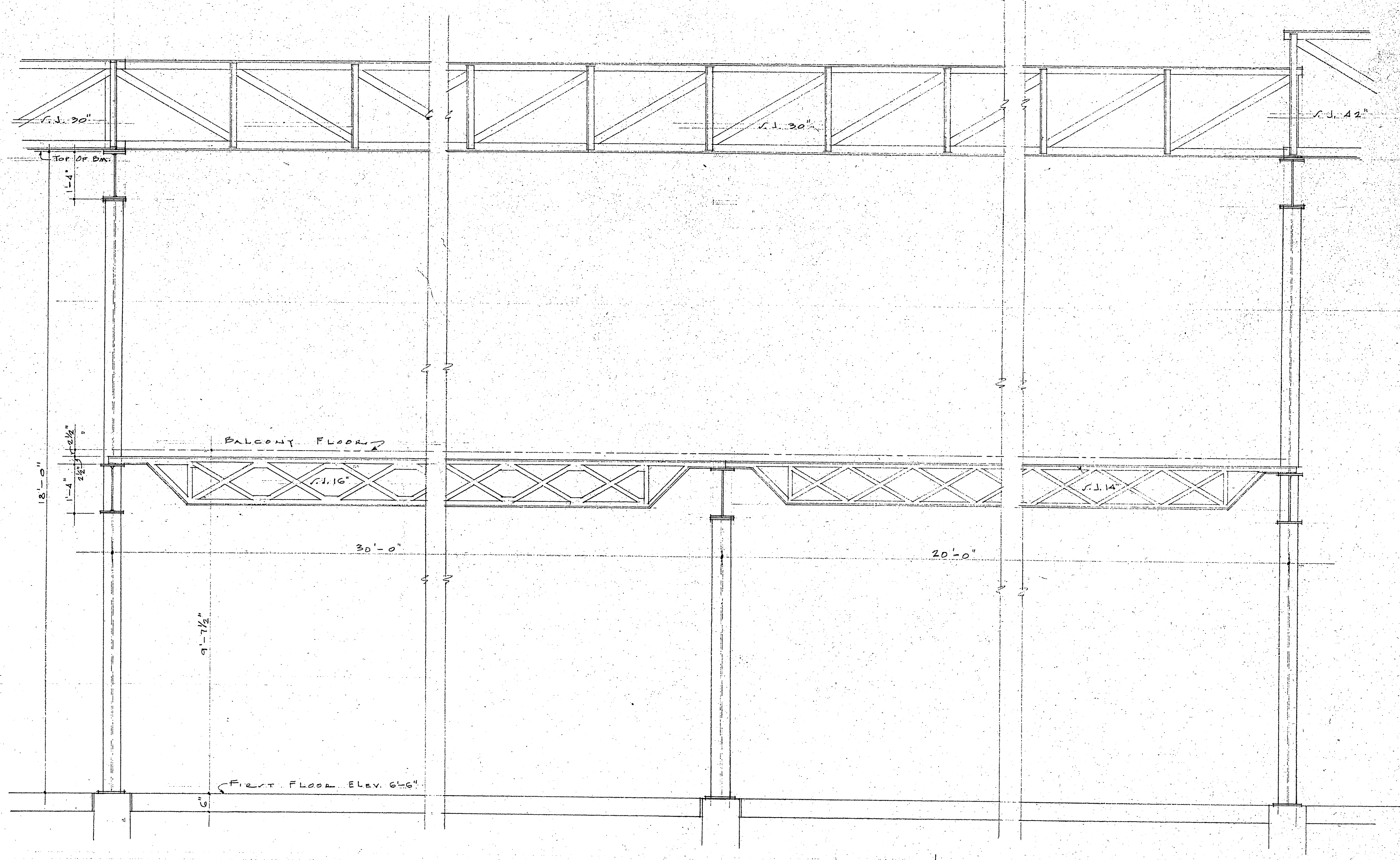
NOTE: FOR ALL COLUMNS NOT LISTED BELOW, SEE COLUMN SCHEDULE ON SHEET C-1.

GENERAL STRUCTURAL NOTES

- PROVIDE BASE PLATE & ANCHORS FOR ALL STEEL COLUMNS ALSO WHERE NECESSARY PROVIDE TOP PLATE FOR COLUMNS.
- PROVIDE BEARING PLATE & ANCHORS WHERE STEEL BEAMS ARE INSTALLED ON MASONRY OR CONCRETE WALLS.
- ALL STRUCTURAL STEEL SHALL BE FABRICATED & ERRECTED ACCORDING TO AISC RECOMMENDATIONS.
- STEEL JOINTS SHALL BE FABRICATED & ERRECTED ACCORDING TO STANDARDS OF THE STEEL JOINT INSTITUTE.
- PROVIDE NECESSARY HEADER & FOR HEATING & VENTILATION OPENINGS, AND FOR OTHER OPENINGS IN STEEL JOINT CONSTRUCTION.
- LINTELS FOR OPENINGS IN INTERIOR MASONRY WALLS NOT OTHERWISE SHOWN SHALL CONSIST OF 2" x 4" x 1/2" FOR EACH 4" OF WALL THICKNESS, FOR SPANS UP TO 6'-0" ONLY.
- SEE HEATING PLANS FOR UNITS SUSPENDED FROM STEEL JOINTS FOR WHICH HANGERS & EXTRA FRAMING SHALL BE PROVIDED.

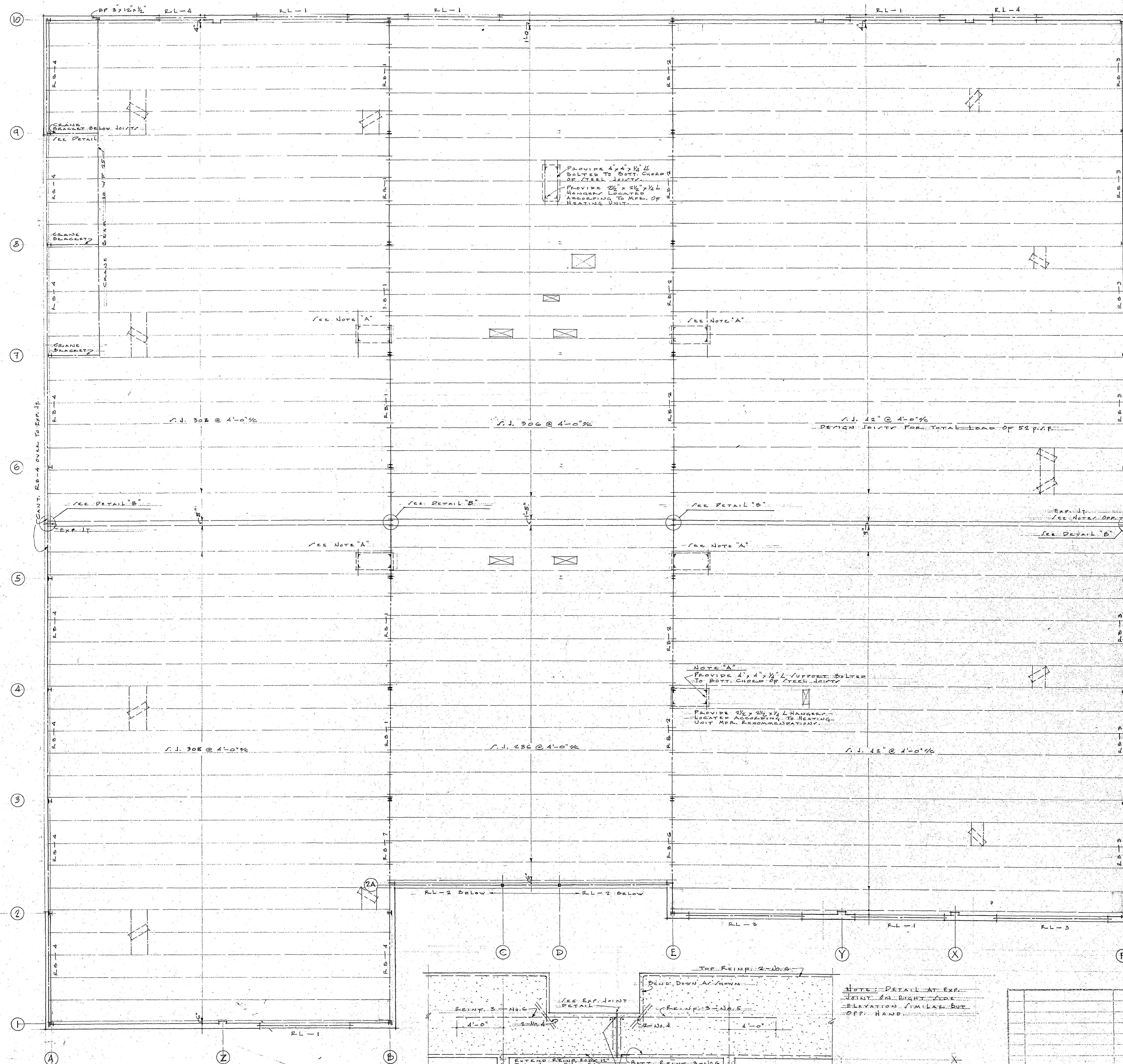


CRANE BRACKET DETAIL
SCALE: 1/2" = 1'-0"



TYPICAL SECTION A-A
SCALE: 1/2" = 1'-0"

NO.		SUBJECT		BY		DATE	
REVISIONS							
SERVICE GARAGE CITY OF MADISON 202 N. FIRST STREET, MADISON WIS.							
A.M. J. FLAD & ASSOCIATES ARCHITECTS & ENGINEERS 503 West Johnson Street Madison Wisconsin							



BEAMS

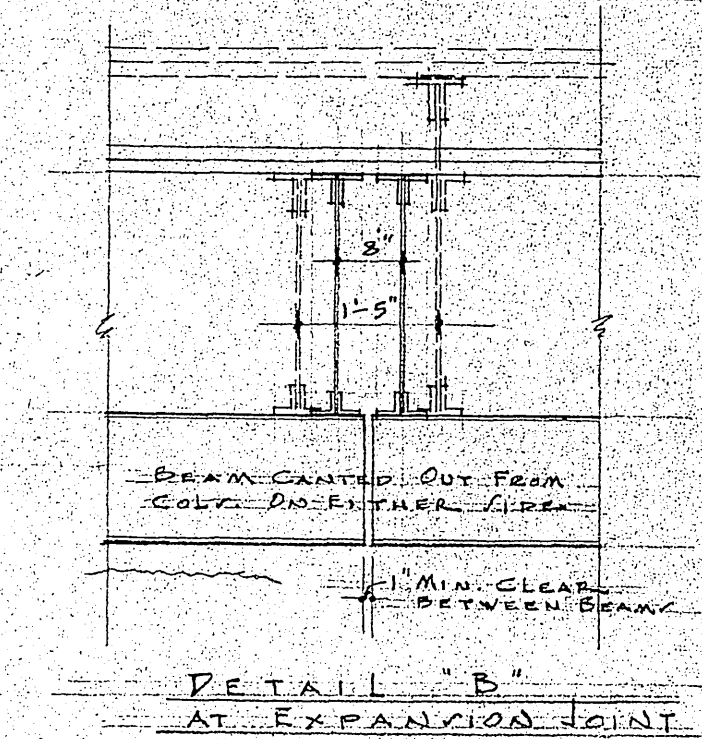
RL-1	16 WF 52
RL-2	16 WF 64
RL-3	16 WF 50 & R 11 3/16 & 2 1/2 x 2 1/2 x 3/16 CLIP L.
RL-4	16 WF 36 & R 11 3/16 & 2 1/2 x 2 1/2 x 3/16 CLIP L.

LINTELS

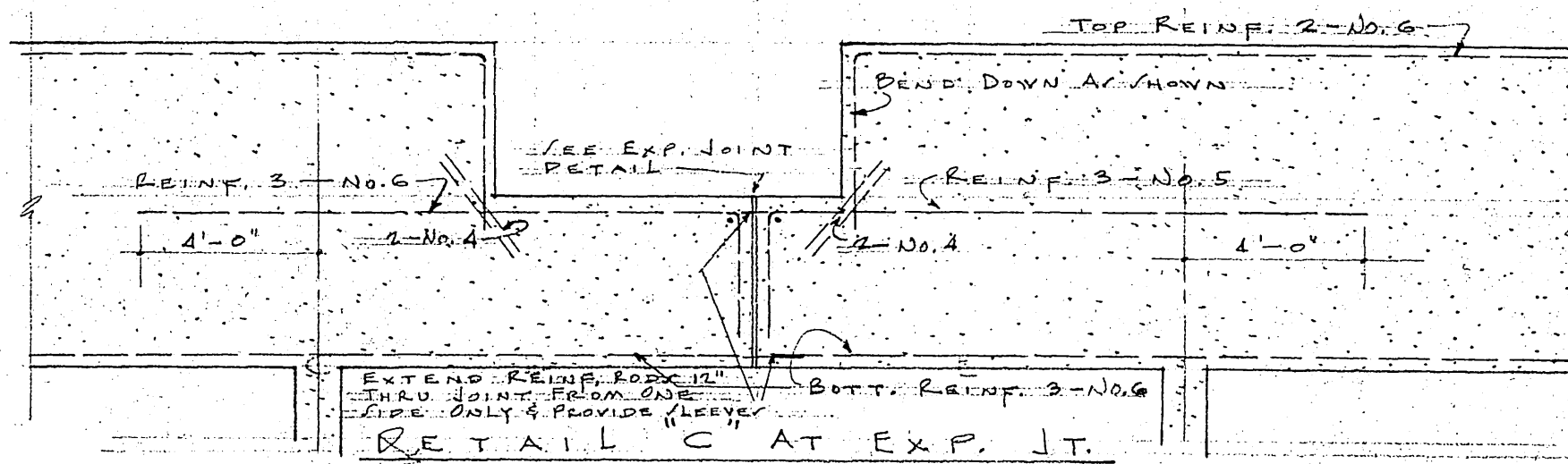
RL-1	2 - 8" M & R 10 3/16
RL-2	12 WF 27 & R 10 3/16 & 5" M WELDED TO BOT. R.
RL-3	12 WF 27 & R 10 3/16 & 5" M WELDED TO BOT. R.
RL-4	8 WF 24 & R 10 3/16

COLUMNS

A-1	6" C WF 15.5
A-2	"
A-3	"
A-4	"
A-5	"
A-6	"
A-7	8" x 8" WF 35
A-8	"
A-9	"
A-10	6" x 6" WF 15.5
B-1	"
B-2	6" x 6" WF 20
B-3	8" x 6 1/2" WF 24
B-4	"
B-5	"
B-6	"
B-7	"
B-8	"
B-9	"
B-10	6" x 6" WF 15.5
C-2A	2 - 5" M & R 4 1/4 & R 3 1/4" WELDED TO M.
D-2A	FRAME AT C-2A.
E-2	6" x 6" WF 15.5
E-3	6" x 6" WF 20
E-4	"
E-5	8" x 6 1/2" WF 24
E-6	"
E-7	"
E-8	"
E-9	"
E-10	6" x 6" WF 15.5
F-2	"
F-3	"
F-4	"
F-5	"
F-6	"
F-7	"
F-8	"
F-9	"
F-10	"



NOTE: CONDITION SHOWN DOTTED BETWEEN COL. B-5 & B-6, AND BETWEEN E-5 & E-6.



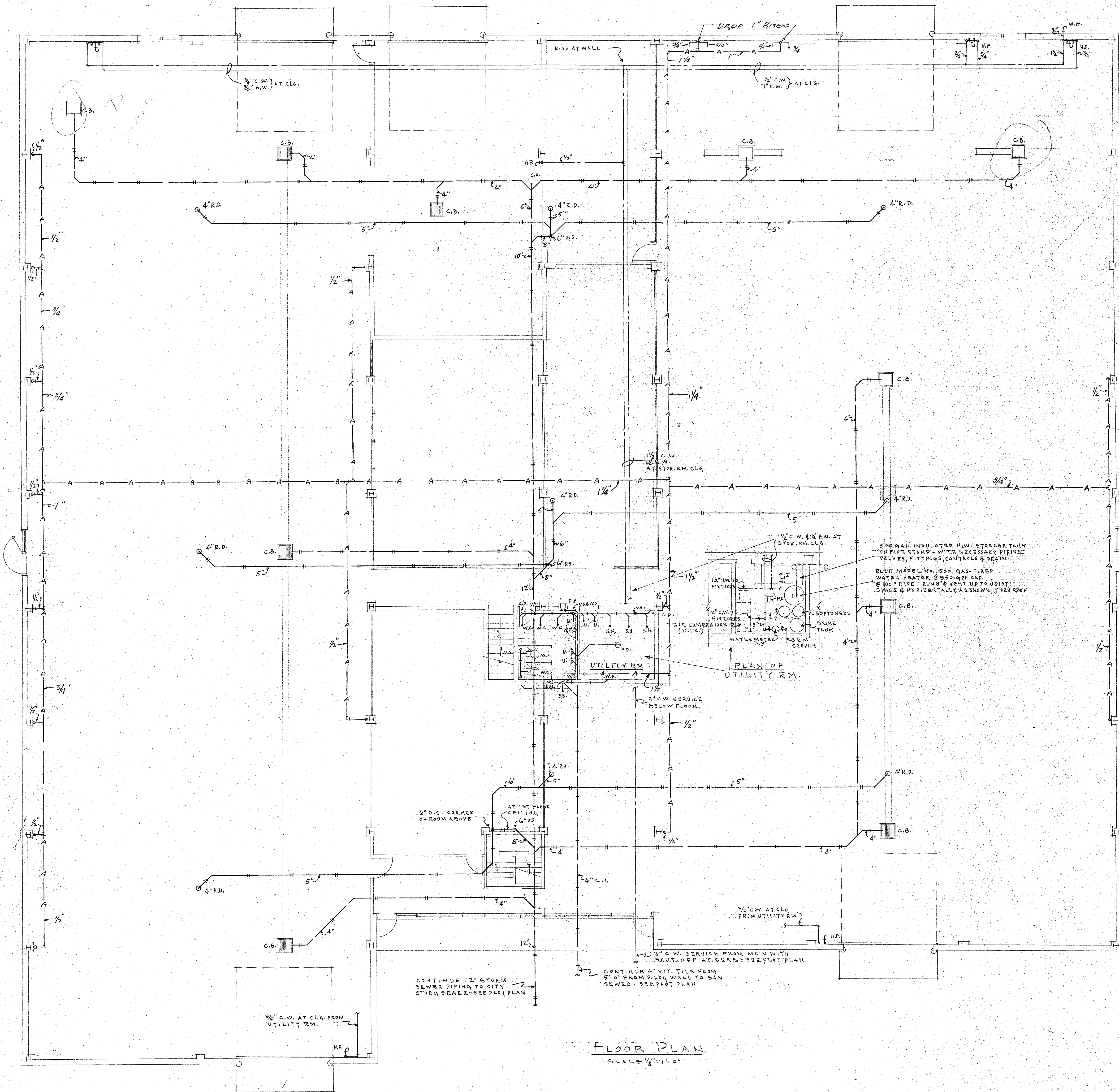
NOTE: DETAIL AT EXP. JOINT ON RIGHT SIDE ELEVATION SIMILAR BUT OPP. HAND.

NO.	REVISIONS	BY	DATE

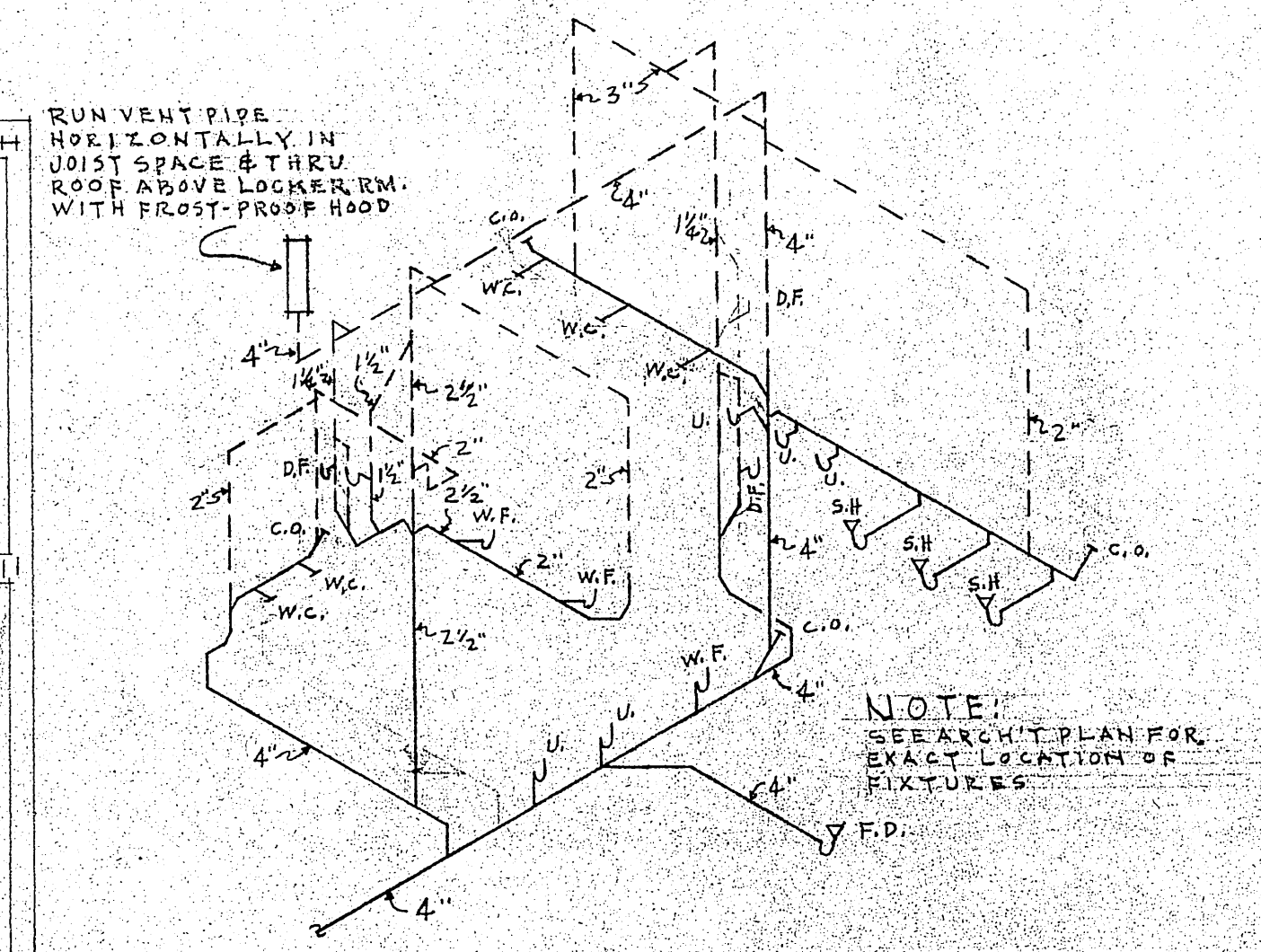
SERVICE GARAGE
CITY OF MADISON
 202 N. FIRST STREET, MADISON, WIS.

IGNIUS PLAD & ASSOCIATES ARCHITECTS & ENGINEERS
 200 West Johnson Street
 Madison, Wisconsin

DATE: 3-25-59
 SHEET: 5-2



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

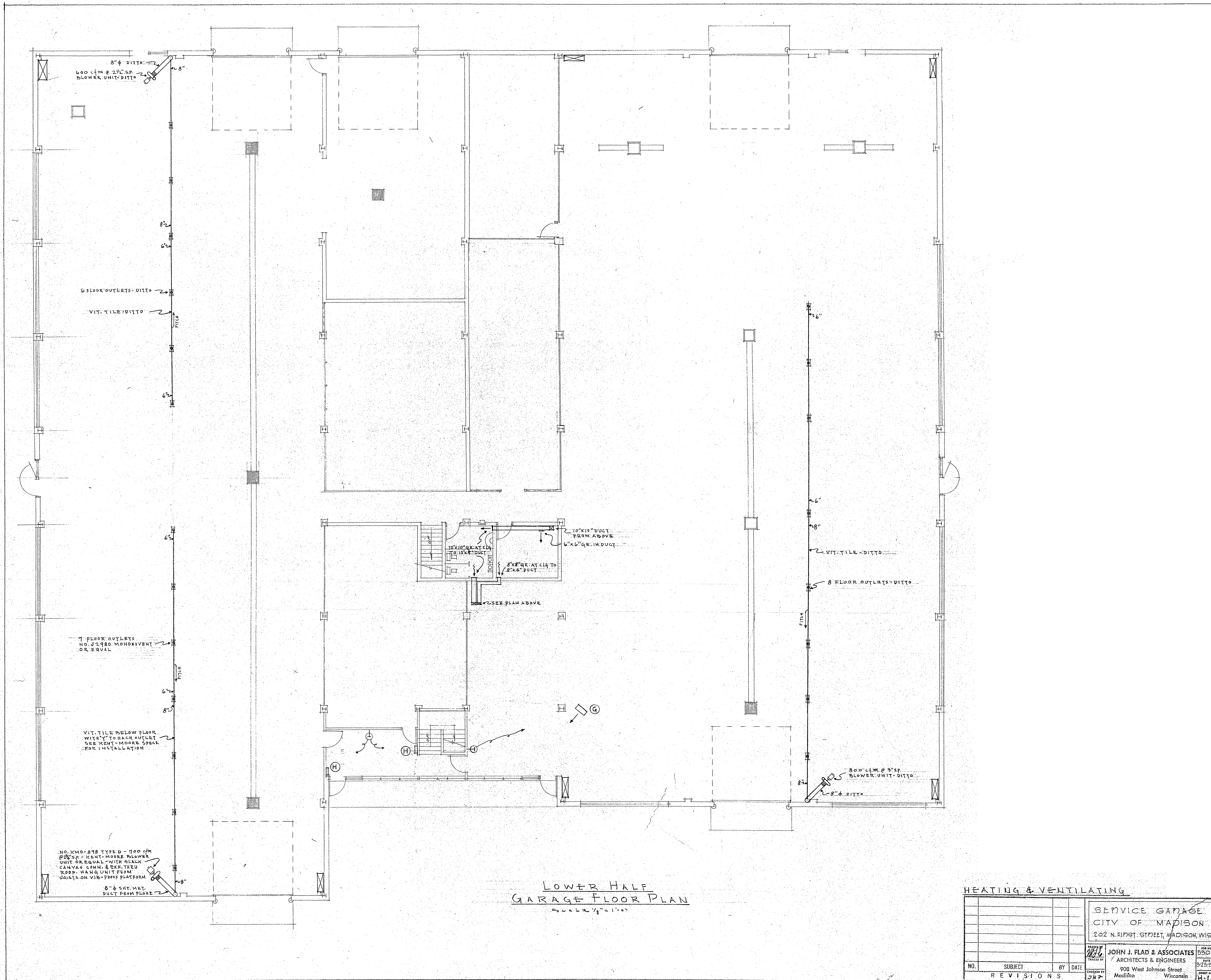


SANITARY SEWER
PIPING DIAGRAM
NO SCALE

PLUMBING SYMBOL SCHEDULE	
	SAN. SEWER PIPING BELOW FLOOR
	SAN. SEWER PIPING ABOVE FLOOR
	STORM SEWER PIPING BELOW FLOOR
	STORM SEWER PIPING AT CEILING
	GAS PIPING
	C.W. COLD WATER
	H.W. HOT WATER
	CHW CIRC. HOT WATER
	L. LAVATORY
	W.C. WATER CLOSET
	U. URINAL
	S.S. SERVICE SINK
	W.F. WASH FOUNTAIN
	D.F. DRINKING FOUNTAIN
	F.D. FLOOR DRAIN
	S.H. SHOWER
	H.F. HOSE FAGCET
	W.H. WALL HYDRANT
	W.S. WASTE STACK
	V.S. VENT STACK
	C.O. CLEAN-OUT
	R.D. ROOF DRAIN
	D.S. DRAIN STACK (ROOF)
	C.B. CATCH BASIN
	A. COMPRESSED AIR PIPING

NOTE:
PROVIDE SUFFICIENT NUMBER OF SHOCK ARRESTORS IN WATER LINES TO PROMOTE QUIET OPERATION OF FIXTURES
INSTALL COMPRESSED AIR PIPING FROM UTILITY RM. TO (INCLUDING) OUTLETS WHERE SHOWN ON ARCHT PLANS-SEE SPECS.
SEE ARCHT PLANS FOR DETAIL OF CATCH BASIN
RUN ALL PIPING CONCEALED IN TOILET & LOCKER ROOMS

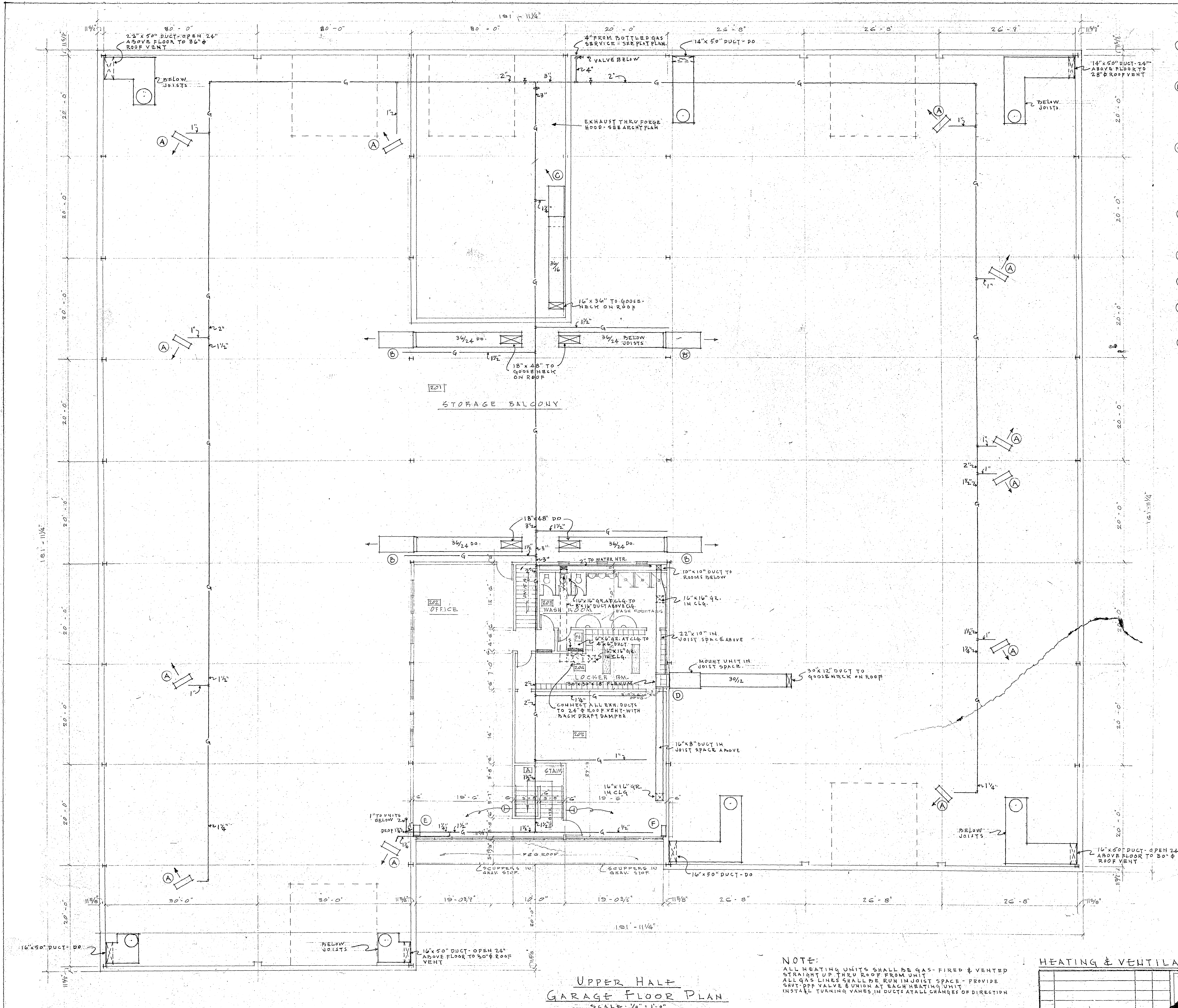
PLUMBING			
SERVICE GARAGE CITY OF MADISON 202 N. FIRST STREET, MADISON, WIS			
JOHN J. FLAD & ASSOCIATES ARCHITECTS & ENGINEERS 908 West Johnson Street Madison Wisconsin			
NO.	SUBJECT	BY	DATE
REVISIONS			



LOWER HALF GARAGE FLOOR PLAN
SCALE 1/8" = 1'-0"

REVISIONS				NO.		SUBJECT		BY DATE	

HEATING & VENTILATING SERVICE GARAGE CITY OF MADISON 202 N. FIRST STREET, MADISON, WIS.		JOHN J. FLAD & ASSOCIATES ARCHITECTS & ENGINEERS 908 West Johnson Street Madison Wisconsin	DATE 9-23-50 SHEET NO. H-1
--	--	---	-------------------------------------



- ### HEATER SCHEDULE
- (A) GAS-FIRED UNIT HEATER @ 14,000 BTU OUTPUT @ 2000 CFM FAN SPEED - TRANS 50T OR WITH ANTI-VIB SUSPENSION LOUVER FIN DIFFUSER
 - (B) GAS-FIRED FORCED AIR SUSPENDED FURNACE @ 392,000 BTU OUTPUT @ 4500 CFM FAN @ 100% O.A. @ 60" F.T. UNIT SHALL BE JACKSON & CHURCH NO. GA-350-S OR ANY OTHER OF EQUAL SIZE, SHAPE & WEIGHT. SEE STRUCTURAL DRNG FOR SUSPENSION - PROVIDE ANTI-VIB. BASE & MOTOR OPERATED DAMPERS & DIRECTIONAL OUTLET GRILLE
 - (C) GAS-FIRED FORCED AIR SUSPENDED FURNACE @ 224,000 BTU OUTPUT @ 2800 CFM FAN @ 100% O.A. @ 60" F.T. UNIT SHALL BE JACKSON & CHURCH NO. GA-350-S OR ANY OTHER OF EQUAL SIZE, SHAPE & WEIGHT. SEE STRUCTURAL DRNG FOR SUSPENSION - PROVIDE ANTI-VIB. BASE & MOTOR OPERATED DAMPERS & DIRECTIONAL OUTLET GRILLE
 - (D) GAS-FIRED FORCED AIR SUSPENDED FURNACE SAME AS "C" ABOVE EXCEPT UNIT SHALL BE SLOPED DOWN TO REQ'D 1/20 OF M @ 100% O.A.
 - (E) GAS-FIRED CIRCULATOR @ 24,500 BTU OUTPUT - RYANT NO. 60-VC-426 OR EQUAL
 - (F) GAS-FIRED CIRCULATOR @ 24,500 BTU OUTPUT - RYANT NO. 60-VC-426 OR EQUAL
 - (G) GAS-FIRED UNIT HEATER @ 40,000 BTU OUTPUT @ 1100 CFM WITH 1500 RPM FAN & 1/2" H.P. MOTOR, TRANS 50T OR EQUAL - MOUNT 8" ABOVE FLOOR WITH LOUVER FIN DIFFUSER
 - (H) GAS-FIRED RADIANT PANEL CIRCULATOR @ 17,500 BTU OUTPUT RYANT NO. 35-AP1 OR EQUAL

UPPER HALF GARAGE FLOOR PLAN
SCALE: 1/8" = 1'-0"

NOTE:
ALL HEATING UNITS SHALL BE GAS-FIRED & VENTED STRAIGHT UP THRU ROOF FROM UNIT
ALL GAS LINES SHALL BE RUN IN JOIST SPACE - PROVIDE SHUT-OFF VALVE & UNION AT EACH HEATING UNIT
INSTALL TURNING VANES IN DUCTS AT ALL CHANGES OF DIRECTION

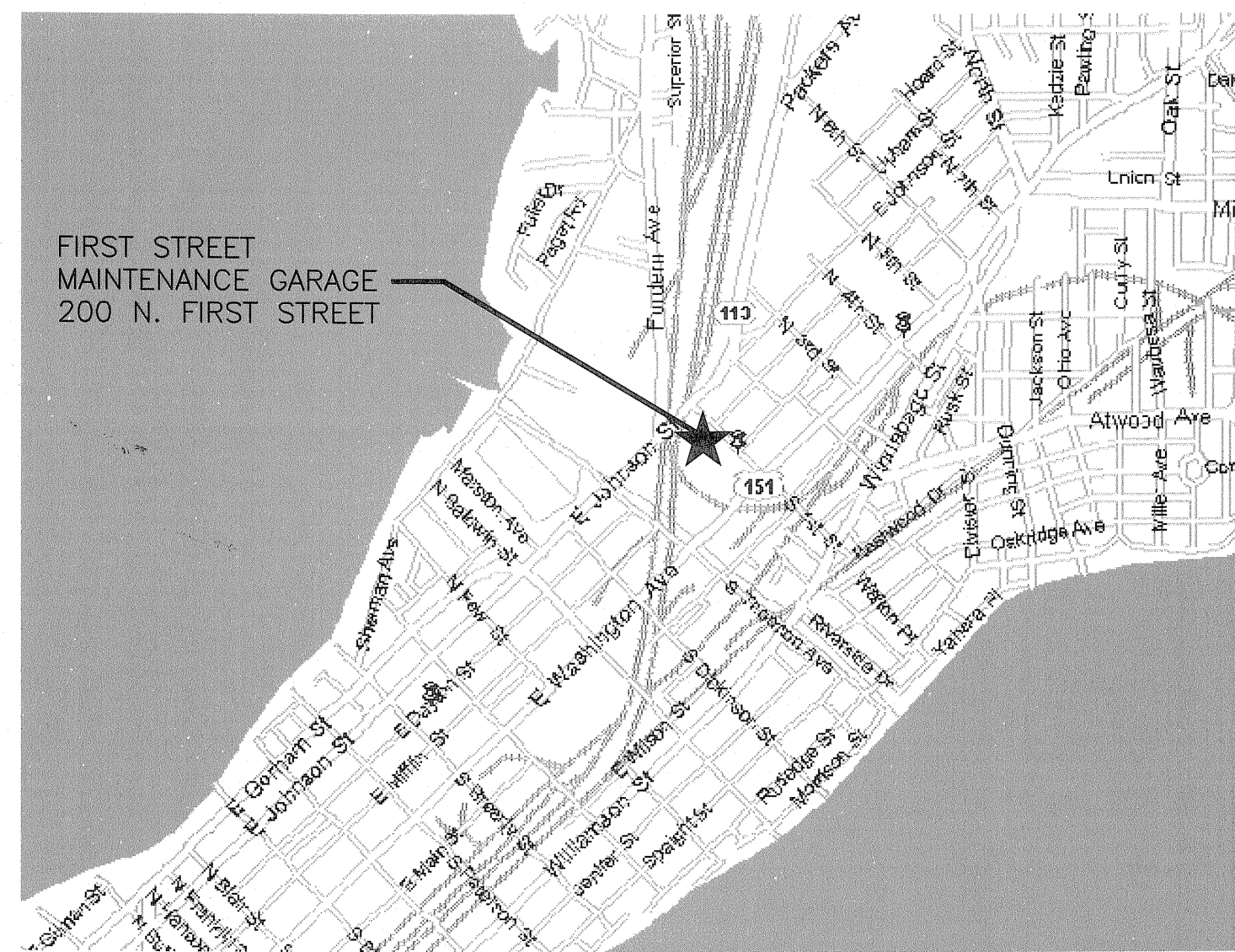
HEATING & VENTILATING

NO.	SUBJECT	REVISED

FLEET SERVICES BUILDING MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS

FOR THE CITY OF MADISON DANE COUNTY, WISCONSIN

NOVEMBER, 2007

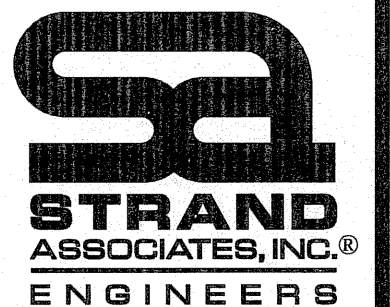


Sheet Number	Sheet Title
G0.1	TITLE SHEET, LOCATION PLAN, AND LIST OF DRAWINGS
D1.1	FIRST AND SECOND FLOOR DEMOLITION PLANS
M0.1	MECHANICAL SYMBOLS AND ABBREVIATIONS
M1.1	FIRST AND SECOND FLOOR MECHANICAL PLAN
M6.1	MECHANICAL SCHEDULES AND DETAILS
P0.1	PLUMBING SYMBOLS, ABBREVIATIONS, AND DETAILS
P1.1	FIRST FLOOR PLUMBING PLAN
P1.2	SECOND FLOOR PLUMBING PLAN
E0.1	ELECTRICAL SYMBOLS AND ABBREVIATIONS
E1.1	SITE ELECTRICAL PLAN
E1.2	FIRST FLOOR POWER AND SYSTEMS PLAN
E1.3	SECOND FLOOR SYSTEMS AND ENLARGED DETAIL PLANS
E5.1	ELECTRICAL DETAILS
FP0.1	FIRE PROTECTION SYMBOLS, DETAILS AND ABBREVIATIONS
FP1.1	FIRE PROTECTION SITE PLAN
FP1.2	FIRST FLOOR FIRE PROTECTION PLAN
FP1.3	SECOND FLOOR FIRE PROTECTION PLAN

910 West Wingra Drive
Madison, WI 53715
608-251-4843
608-251-8655 FAX

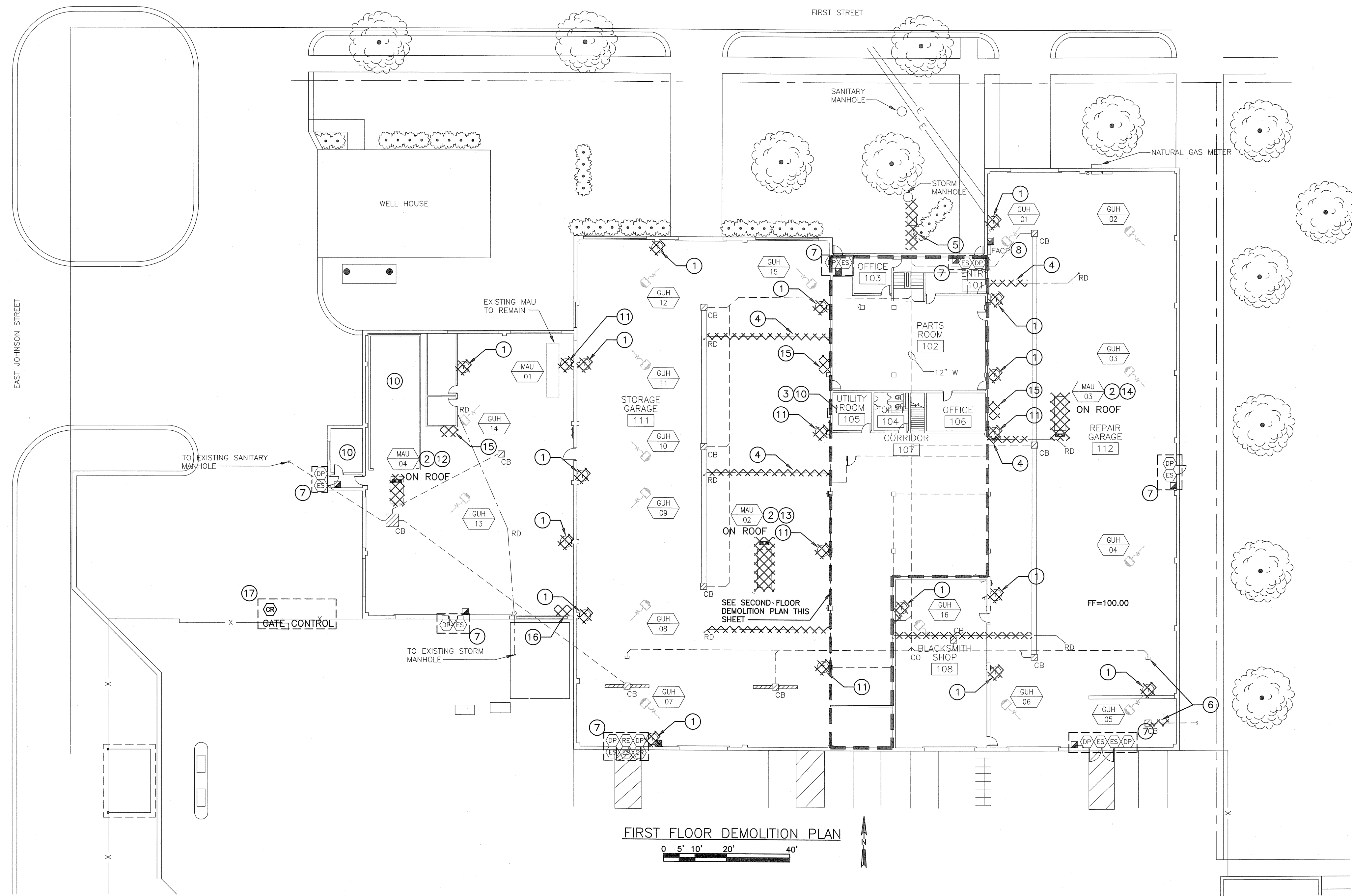
www.strand.com

CONTRACT 6087



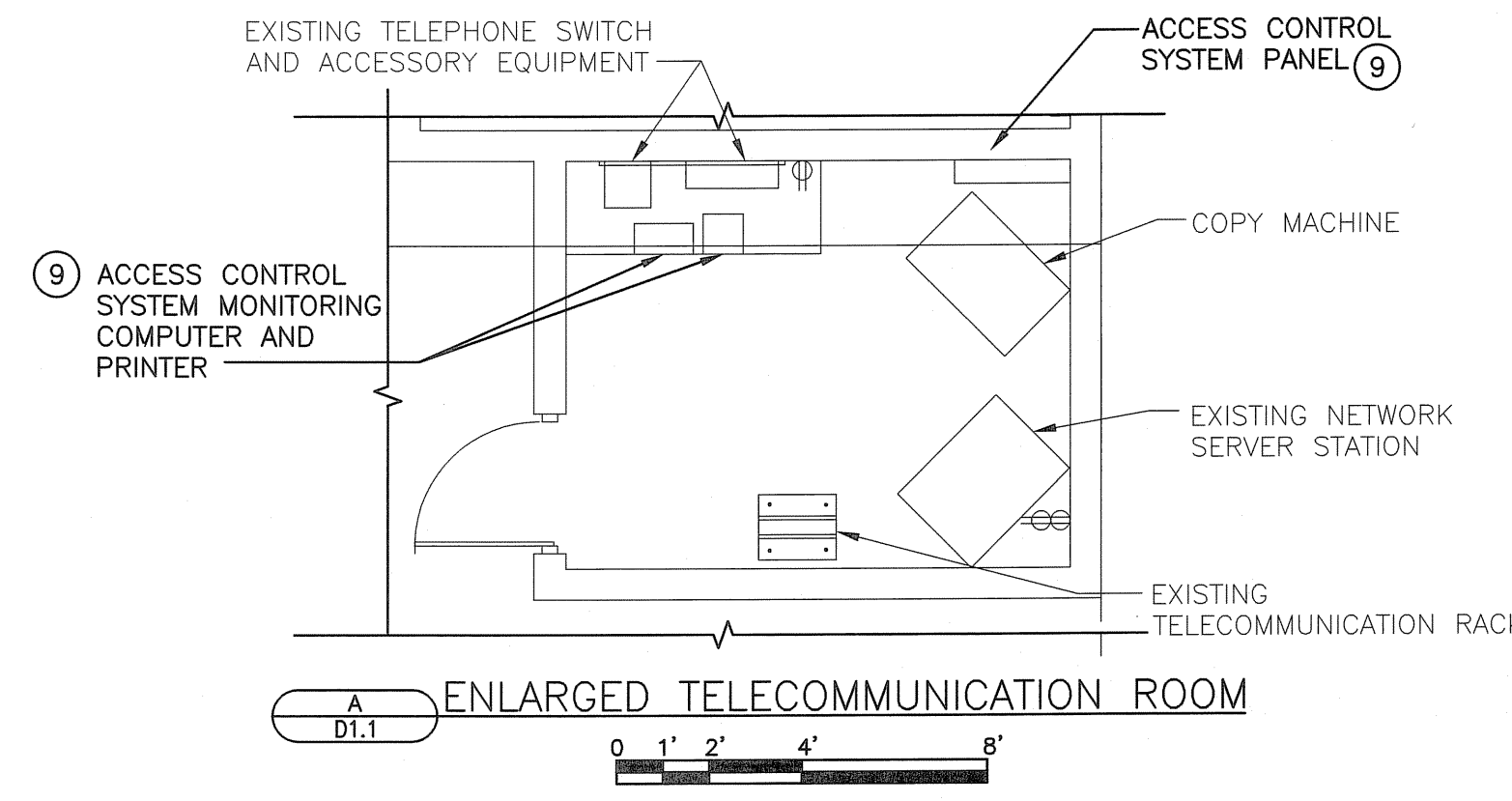
SHEET
G0.1

JOB NO. 1-020-033



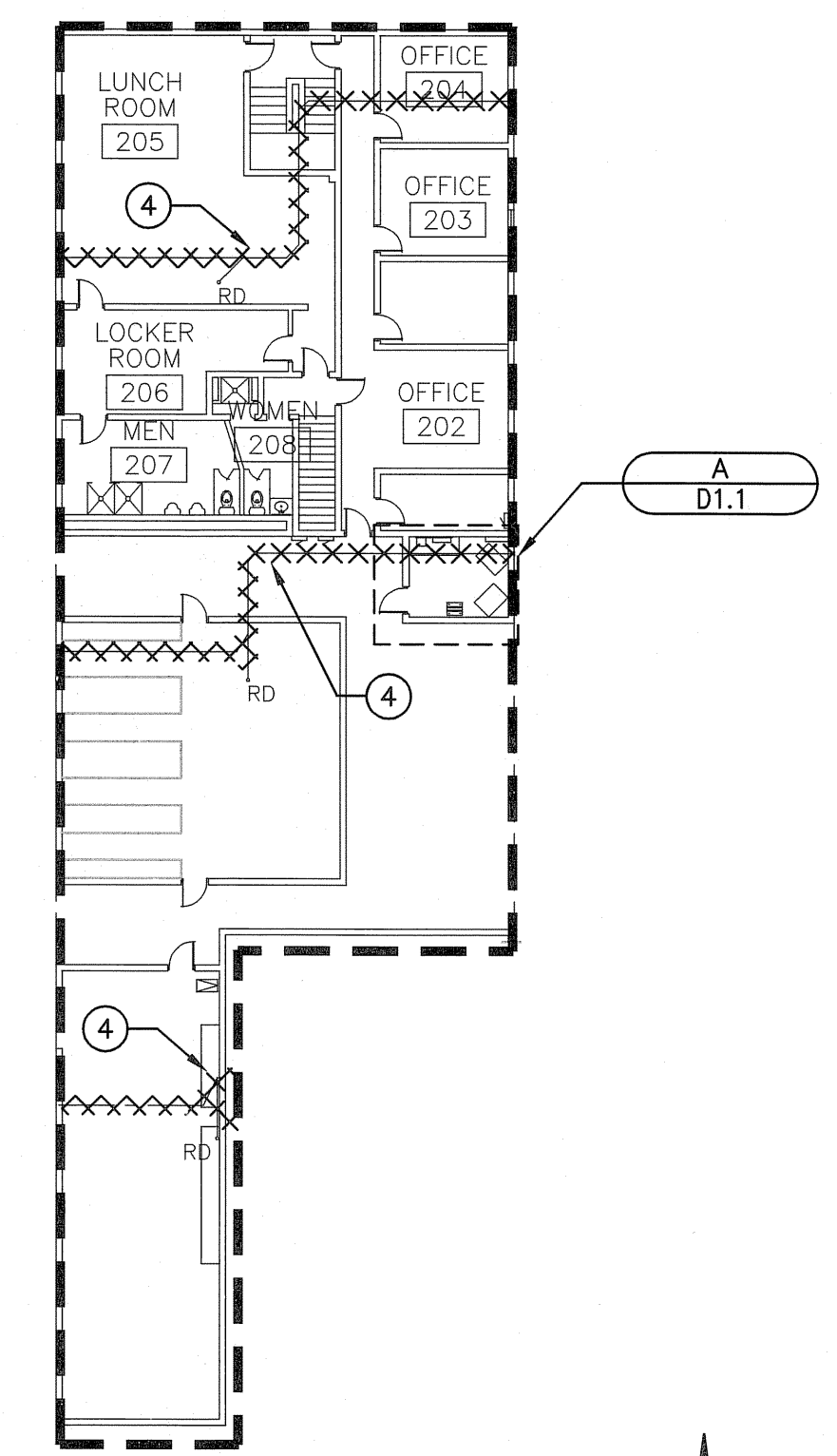
FIRST FLOOR DEMOLITION PLAN
0 5' 10' 20' 40'

- GENERAL NOTES:**
- FACILITY IS TO REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR SHALL MINIMIZE DISRUPTION OF UTILITY AND SERVICE TO THE BUILDING. CONTRACTOR SHALL NOTIFY OWNER OF ANY OUTAGES A MINIMUM OF 72 HOURS PRIOR. BUILDING AND PERIMETER IS TO REMAIN SECURE AND FIRE ALARM/PROTECTION SYSTEM ENABLED AT NIGHT AND WHEN CONTRACTOR IS NOT ON SITE. PROVIDE FIRE WATCH WHILE FIRE ALARM SYSTEM IS DISABLED.
 - ALL EXISTING ACCESS CONTROL COMPONENTS INCLUDING BUT NOT LIMITED TO ELECTRIC STRIKES, PROXIMITY READERS, DOOR POSITION SWITCHES, REQUEST TO EXIT DEVICES, AND ACCESS CONTROL PANEL AND COMPUTER SHALL BE REMOVED.
 - ALL EXISTING FIRE ALARM SYSTEM COMPONENTS INCLUDING BUT NOT LIMITED TO PULL STATIONS AND THE FACP SHALL BE REMOVED.
 - ALL ASSOCIATED WIRE AND EXPOSED CONDUIT FOR DEVICES BEING REMOVED SHALL BE REMOVED BACK TO THEIR POINT OF ORIGIN.
 - EXISTING INFORMATION SHOWN ON DRAWINGS WAS OBTAINED FROM EXISTING DRAWINGS AND FIELD MEASUREMENTS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACCURACY OF EXISTING INFORMATION AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
 - DRAWINGS IN GENERAL DO NOT SHOW DIMENSIONS OF EXISTING CONSTRUCTION. BUT ARE DRAWN APPROXIMATELY TO SCALE. CONTRACTOR SHALL OBTAIN ALL DIMENSIONS REQUIRED FOR CONSTRUCTION.
 - PLANS DO NOT NECESSARILY SPELL OUT ALL ITEMS REQUIRING DEMOLITION, REMOVAL, OR PATCHING. WHERE NOT SHOWN, ALL DEMOLITION, REMOVAL, CUTTING, PATCHING, AND OTHER WORK NECESSARY TO ACCOMMODATE NEW CONSTRUCTION SHOWN SHALL BE PROVIDED AS PART OF THE CONTRACT.



ENLARGED TELECOMMUNICATION ROOM
0 1' 2' 4' 8'

- KEY NOTES:**
- REMOVE GAS UNIT HEATER THERMOSTAT AND ASSOCIATED WIRING BACK TO SOURCE.
 - REMOVE EXISTING MAKE-UP AIR UNIT, ROOF CURB, ASSOCIATED DUCTWORK, AND ALL ASSOCIATED ELECTRICAL CONTROLS WIRING AND CONDUIT BACK TO THEIR POINT OF ORIGIN. REMOVE EXISTING NATURAL GAS REGULATOR AND PIPING BACK TO SHUT OFF VALVE ADJACENT TO UNIT.
 - FIRE PROTECTION CONTRACTOR SHALL REMOVE EXISTING FIRE PROTECTION PIPING, VALVES, CONTROLS, ETC. NEW WATER SERVICE ENTRANCE TO BECOME FIRE PROTECTION RISER.
 - REMOVE EXISTING ROOF DRAIN PIPING. CUT PIPE TO BELOW FLOOR SLAB, CAP PIPE AND FILL WITH NON-SHRINK GROUT. CONCRETE ELEVATION TO MATCH EXISTING.
 - REMOVE EXISTING 12" SANITARY PIPE, VALVE AND VALVE BOX. PLUG HOLE WATERTIGHT IN EXISTING STORM MANHOLE. SEE SHEET P1.1 FOR NEW ROUTING.
 - REMOVE CONNECTION TO CATCH BASIN. CAP BELOW SLAB. LOCATE EXISTING PIPE CAP AND PREPARE FOR RECONNECTION.
 - REMOVE ALL DOOR ACCESS CONTROL COMPONENTS AND ALL ASSOCIATED WIRE AND CONDUIT BACK TO THEIR POINT OF ORIGIN.
 - REMOVE EXISTING FIRE ALARM CONTROL PANEL AND ALL ASSOCIATED ANNUNCIATION AND INITIATION DEVICES BACK TO THEIR POINT OF ORIGIN.
 - REMOVE ACCESS CONTROL SYSTEM MONITORING COMPUTER AND CONTROL PANEL.
 - EXISTING PAINT BOOTH AND PAINT STORAGE ROOM FIRE PROTECTION SYSTEM TO BE REUSED WITH NEW FIRE PROTECTION SYSTEM. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING FIRE PROTECTION SYSTEM AND ITS COMPLIANCE WITH NFPA 13 SECTION 13.4 FOR THE SPRAY BOOTH AND NFPA 13 SECTION 13.2 FOR THE PAINT STORAGE ROOM. DEMOLISH EXISTING PIPING, VALVES, CONTROLS, ETC. AS NECESSARY LOCATED IN THE UTILITY ROOM PER KEYNOTE 3.
 - REMOVE THE THERMOSTAT AND ASSOCIATED WIRING BACK TO SOURCE.
 - MAU-04 IS CURRENTLY POWERED FROM PANEL J.
 - MAU-02 IS CURRENTLY POWERED FROM PANEL B.
 - MAU-03 IS CURRENTLY POWERED FROM PANEL B.
 - REMOVE EXISTING MAKE UP AIR UNIT CONTROL PANEL.
 - REMOVE EXISTING AIR INTAKE CAP AND ROOF CURB ON ROOF. REMOVE NECESSARY LENGTH OF EXISTING DUCTWORK SO THAT CONTRACTOR CAN TRANSITION FROM EXHAUST FAN INLET SIZE TO EXISTING DUCTWORK SIZE. CONTRACTOR SHALL FIELD VERIFY EXISTING DUCTWORK DIMENSIONS.
 - REMOVE EXISTING GATE OPERATOR CARD READER AND ASSOCIATED WIRE.



SECOND FLOOR DEMOLITION PLAN
0 5' 10' 20' 40'

DATE: NOVEMBER, 2007	DES BY: NLB	CHK BY: BTM
REVISIONS	NO.	DATE:
RECORD DRAWING	BY:	DATE:
CONTRACTOR:		

FIRST AND SECOND FLOOR DEMOLITION PLANS
FLEET SERVICES BUILDING
MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
CITY OF MADISON
COUNTY OF DANE, WISCONSIN

STRAND ASSOCIATES, INC. ENGINEERS

SHEET
D1.1

JOB NO. 1-020-033

EQUIPMENT ABBREVIATIONS

ACCU	AIR COOLED CONDENSING UNIT
AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
BLR	BOILER
BB	BASEBOARD
BCP	BUILDING CONTROL PANEL
CONV	CONNECTOR
CD	CEILING DIFFUSER
CHILL	CHILLER
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
CWP	CHILLED WATER PUMP
DC	DRY COOLER
DH	DEHUMIDIFIER
DL	DRUM LOUVER
EBB	ELECTRIC BASEBOARD
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
EG	EXHAUST GRILLE
EJ	EXPANSION JOINT
EL	EXPANSION LOOP
ER	EXHAUST REGISTER
ERC	ELECTRIC REHEAT COIL
ERU	ENERGY RECOVERY UNIT
EUH	ELECTRIC UNIT HEATER
EWL	ELECTRIC WALL HEATER
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FTR	FINNED TUBE RADIATION
FUR	FURNACE
HC	HEATING COIL
HP	HEAT PUMP
HU	HUMIDIFIER
HUH	HOT WATER UNIT HEATER
HWP	HOT WATER PUMP
HX	HEAT EXCHANGER
L	LOUVER
MAU	MAKE-UP AIR UNIT
P	PUMP
PC	PUMPED CONDENSATE
RCP	RADIANT CEILING PANEL
RF	RETURN FAN
RG	RETURN GRILLE
RR	REGISTER
RTU	ROOFTOP UNIT
SD	SUCTION DIFFUSER
SF	SUPPLY FAN
SG	SUPPLY GRILLE
SR	SUPPLY REGISTER
SS	SPLIT SYSTEM
ST	STEAM TRAP
SUH	STEAM UNIT HEATER
TCP	TEMPERATURE CONTROL PANEL
TG	TRANSFER GRILLE
UH	UNIT HEATER
UV	UNIT VENTILATOR
VAV	VARIABLE AIR VOLUME BOX
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE

GENERAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
AP	ACCESS PANEL
BOD	BOTTOM OF DUCT
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
COND	CONDENSATE
DAT	DISCHARGE AIR TEMPERATURE
DB	DRY BULB TEMPERATURE
DDC	DIRECT DIGITAL CONTROL
DG	DOOR GRILLE
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EL	ELEVATION
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FC	FAIL CLOSED
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FO	FAIL OPEN
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FT	FEET
FVNR	FULL VOLTAGE NON REVERSING
GA	GAUGE
GPM	GALLONS PER MINUTE
HHW	HEATING HOT WATER
IPLV	INTEGRATE PART LOAD VALVE
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSANDS OF BTU PER HOUR
MC	MECHANICAL CONTRACTOR
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NPT	NATIONAL PIPE THREAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OC	ON CENTER
ODP	OPEN DRIP PROOF
OV	OUTLET VELOCITY
PD	PRESSURE DROP
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
RA	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SP	STATIC PRESSURE
TEFC	TOTALLY ENCLOSED FAN COOLED
WB	WET BULB

EQUIPMENT SYMBOLS

	EQUIPMENT TAG
	CONNECT TO EXISTING (TIE-IN NUMBER)
	BASE MOUNTED PUMP
	INLINE PUMP
	UNIT HEATER
	ROOF EXHAUST FAN
	AIR FLOW DIRECTION
	CEILING DIFFUSER WITH FLEXIBLE DUCT
	VARIABLE AIR VOLUME (VAV) BOX WITH HEATING HOT WATER REHEAT COIL
	VARIABLE AIR VOLUME (VAV) BOX WITH ELECTRIC REHEAT COIL
	DUCT BOOST COIL

DUCTWORK SYMBOLS

	SUPPLY OR OUTSIDE AIR DUCT (UP OR SECTION)
	SUPPLY OR OUTSIDE AIR DUCT (DOWN OR AWAY)
	EXHAUST OR RETURN DUCT (UP OR SECTION)
	EXHAUST OR RETURN DUCT (DOWN OR AWAY)
	ROUND DUCTWORK UP
	ROUND DUCTWORK DOWN
	FLEXIBLE CANVAS CONNECTION
	TURNING VANES

DAMPER SYMBOLS

	MANUAL VOLUME DAMPER
	AUTOMATIC DAMPER
	BACKDRAFT DAMPER
	1-1/2 HR. FIRE DAMPER

PIPING SYMBOLS

	BALL VALVE
	TEE DOWN
	TEE UP
	ELBOW DOWN
	ELBOW UP
	GATE VALVE
	GLOBE VALVE
	3-WAY VALVE
	METER
	GAS SHUTOFF PLUG VALVE
	BALANCING VALVE
	PRESSURE REDUCING VALVE
	STRAINER
	UNION
	GAS PRESSURE REGULATOR
	BUTTERFLY VALVE
	TEMPERATURE ELEMENT
	TEMPERATURE INDICATOR
	TEMPERATURE TRANSMITTER
	PRESSURE INDICATOR
	PRESSURE TRANSMITTER
	FLOW SWITCH
	MANUAL AIR VENT
	CHECK VALVE
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	FLEXIBLE CONNECTOR
	TRIPLE DUTY VALVE
	FLOOR DRAIN

PIPING DESIGNATIONS

	CHILLED WATER RETURN
	CHILLED WATER SUPPLY
	GAS PIPING
	HEATING HOT WATER RETURN
	HEATING HOT WATER SUPPLY
	LOW PRESSURE CONDENSATE
	LOW PRESSURE STEAM
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION

FIELD MOUNTED CONTROLS

	THERMOSTAT
	TEMPERATURE SENSOR
	ROOM HUMIDISTAT
	PRESSURE SENSOR
	ROOM SENSOR
	DUCT SMOKE DETECTOR
	CARBON MONOXIDE SENSOR
	NO2 SENSOR
	METHANE SENSOR

ACTUATORS

	MOTOR (ELECTRIC)
	PNEUMATIC
	SOLENOID

GENERAL NOTES:

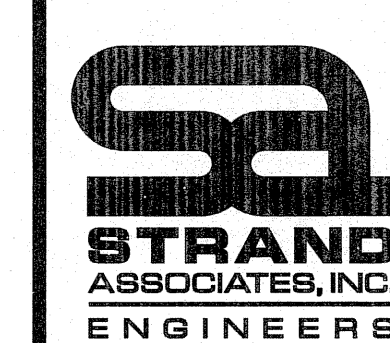
1. THERMOSTATS ON EXTERIOR WALLS SHALL HAVE INSULATED BASES.
2. ALL WORK TO BE COMPATIBLE WITH BUILDING CONSTRUCTION CLASS AND OCCUPANCY.
3. SEE SPECIFICATION SECTION 15951B FOR REQUIRED I/O DEVICES FOR NEW DDC CONTROL SYSTEM.

DESIGN CONDITIONS

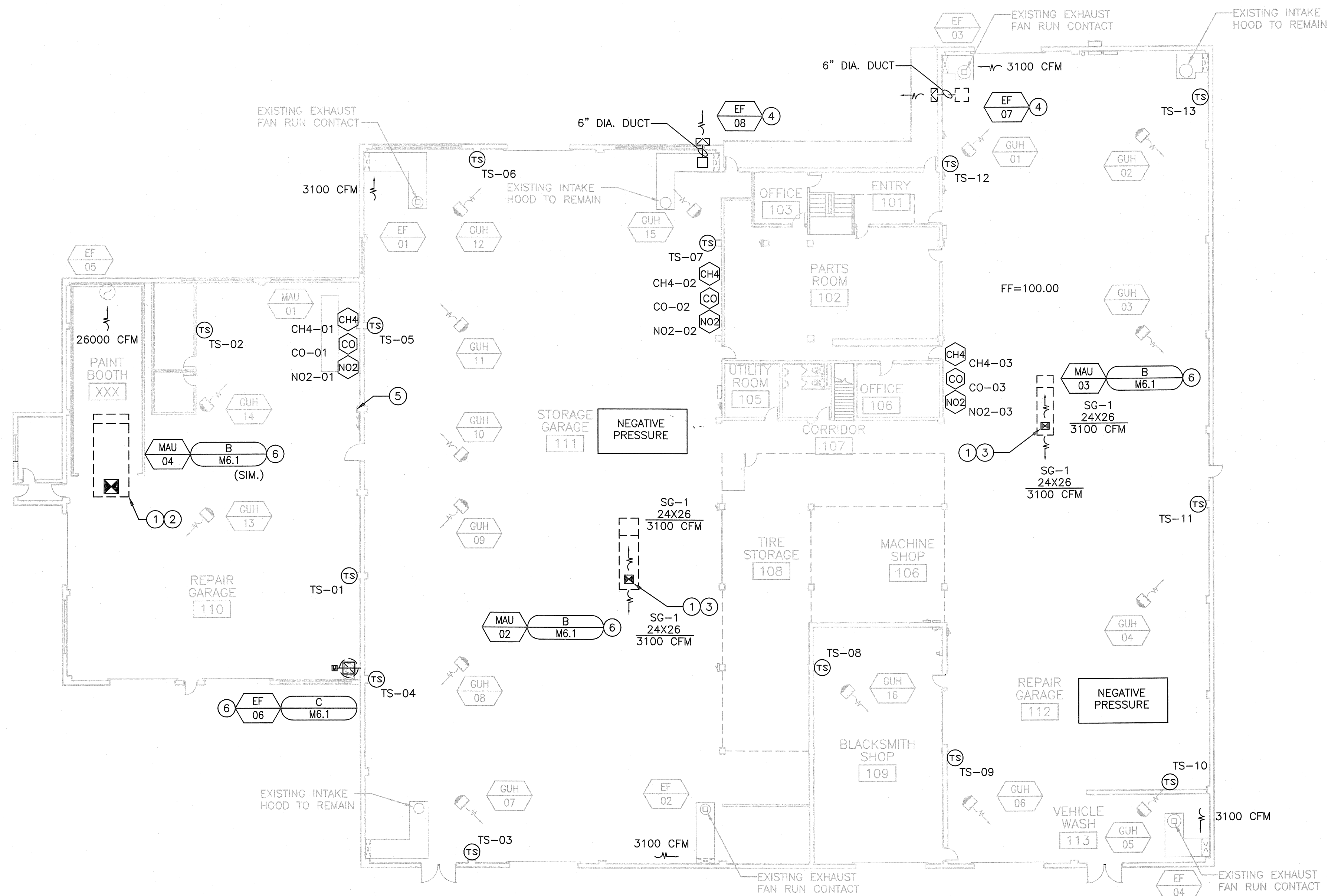
APPLICABLE BUILDING CODE:		SUMMER EXTERIOR: 87°F DB / 74°F WB		
2002 WISCONSIN COMMERCIAL BUILDING CODE		WINTER EXTERIOR: -15°F DB		
OCCUPANCY TYPE	VENTILATION	SUMMER INTERIOR (DB/WB)	WINTER INTERIOR (DB)	REMARKS
SERVICE GARAGE	0.5 CFM / SQ. FT.	--	60	

DATE:	NOVEMBER, 2007
DES BY:	NLB
CHK BY:	MRS
RECORD DRAWING	
BY:	
DATE:	
CONTRACTOR:	

MECHANICAL SYMBOLS AND ABBREVIATIONS
FLEET SERVICES BUILDING
MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
CITY OF MADISON
COUNTY OF DANE, WISCONSIN

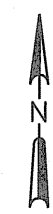


SHEET
MO.1
 JOB NO. 1-020-033



FIRST FLOOR MECHANICAL PLAN

0 4' 8' 16' 32'

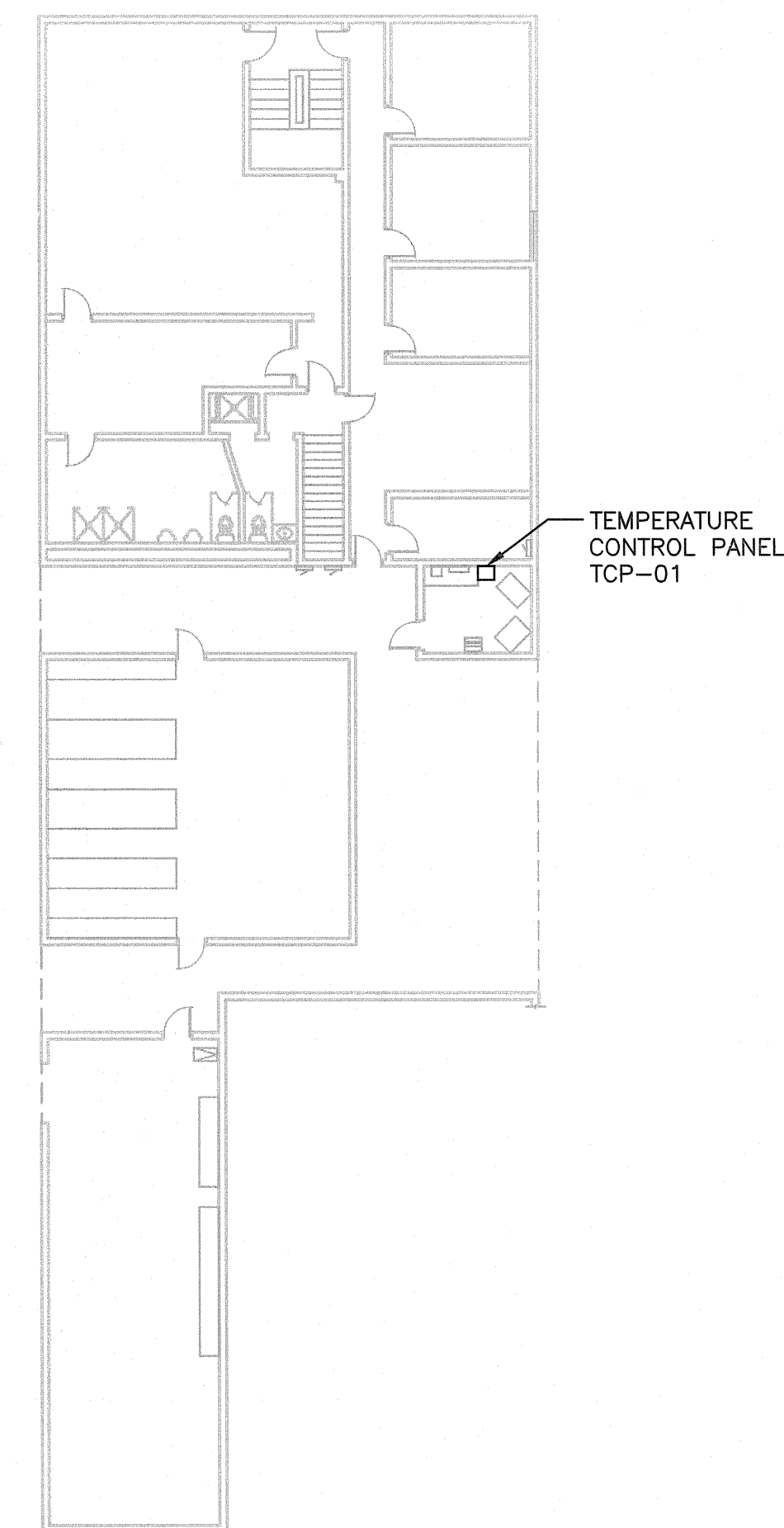


GENERAL NOTES:

- SEE SHEET M0.1 FOR GENERAL NOTES.

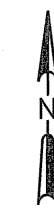
KEY NOTES:

- APPROXIMATE LOCATION OF EXISTING ROOF OPENING. CONTRACTOR SHALL MODIFY ROOF OPENING FOR NEW MAKE-UP AIR UNIT DISCHARGE. CONTRACTOR SHALL FIELD VERIFY LOCATION AND EXISTING CONDITIONS.
- TERMINATE OPEN DUCTWORK AT BOTTOM OF JOISTS.
- EXTEND 22/24 MAKE-UP AIR UNIT DUCTWORK DISCHARGE BELOW BOTTOM OF JOIST TO CREATE DIFFUSER BOX. PROVIDE SHEET METAL CAP ON BOTTOM OF DUCTWORK. TOP OF SUPPLY GRILLES SHALL BE BELOW ADJACENT LIGHTS.
- PROVIDE ANGLE BRACKET SUPPORT FOR MOUNTING TO WALL. MOUNT EXHAUST FAN AT 8'-0" AFF.
- EXISTING STARTER FOR EXHAUST FAN EF-05.
- PROVIDE NEW NATURAL GAS PIPING AND REGULATOR ON ROOF FROM EXISTING SHUTOFF VALVE TO NEW MAKE-UP AIR UNIT. REGULATE PRESSURE TO MANUFACTURER RECOMMENDED OPERATING PRESSURE FOR EQUIPMENT BEING SERVED. NATURAL GAS DISTRIBUTION PRESSURE IS 15 PSI.



SECOND FLOOR MECHANICAL PLAN

0 4' 8' 16' 32'



NO.	REVISIONS	DATE

DATE: NOVEMBER, 2007

DES BY: NLB CHK BY: MRS

RECORD DRAWING

BY: DATE: CONTRACTOR:

FIRST AND SECOND FLOOR MECHANICAL PLAN
 FLEET SERVICES BUILDING
 MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
 CITY OF MADISON
 COUNTY OF DANE, WISCONSIN



SHEET
M1.1

JOB NO. 1-020-033

MAKE UP AIR UNIT SCHEDULE

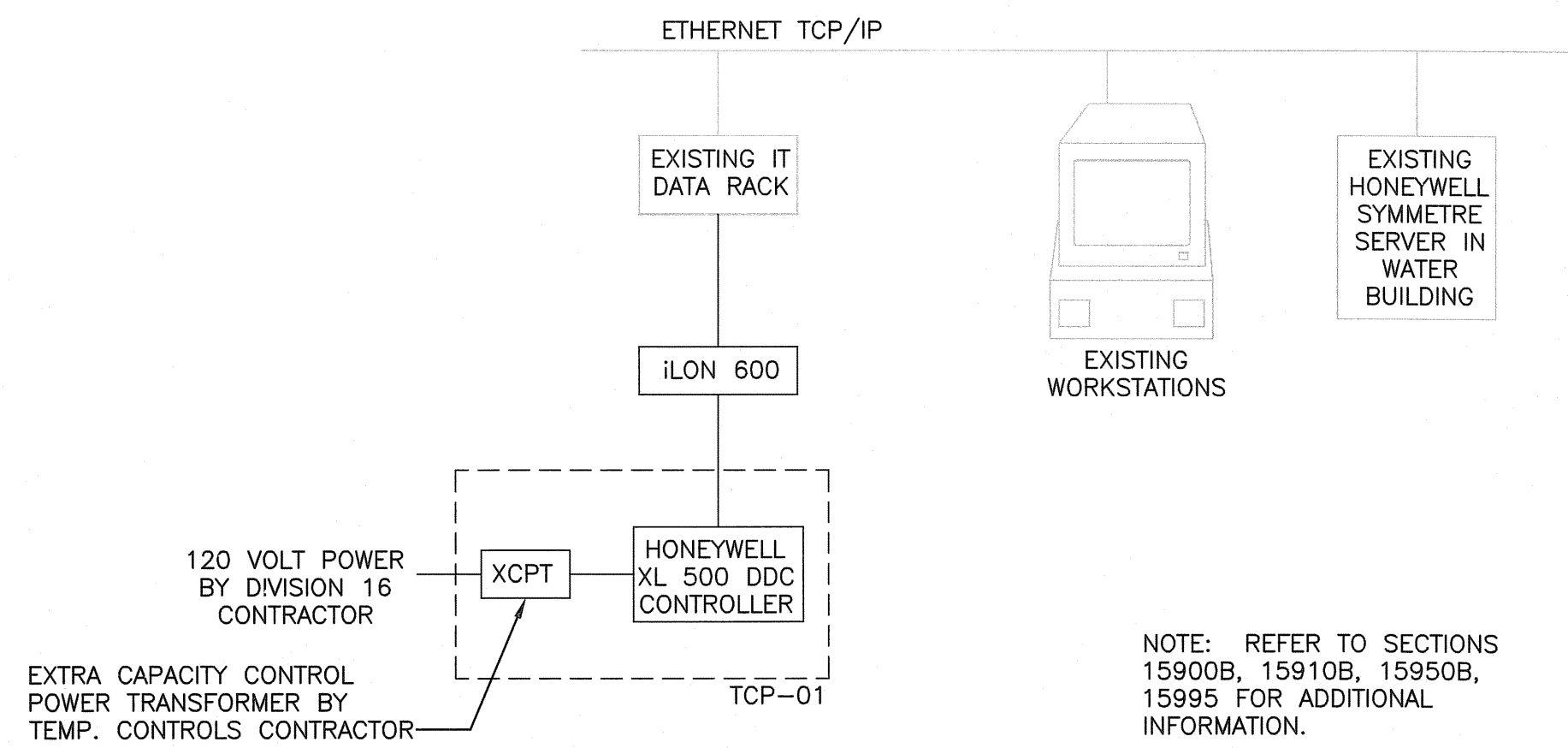
UNIT NO. MAU-	SERVICE	GREENHECK MODEL NO.	AIRFLOW (CFM)	EXT. STATIC PRESSURE (IN W.C.)	NATURAL GAS HEATING SECTION							ELECTRICAL				OPERATING WEIGHT (LBS.)	REMARKS		
					MAX. PRESSURE (IN W.C.)	MIN. PRESSURE (IN W.C.)	INPUT (MBH)	OUTPUT (MBH)	EAT (°F)	LAT (°F)	STAGES	MOTOR (HP)	VOLTAGE	PHASE	FLA			STARTER BY	DISCONNECT BY
02	SERVICE GARAGE	DGX-118-H32	6200	0.5	14	6	587.1	540.1	-15	65	20	3	208	3	14.5	MANUFACTURER	MANUFACTURER	1900	
03	SERVICE GARAGE	DGX-118-H32	6200	0.5	14	6	587.1	540.1	-15	65	20	3	208	3	14.5	MANUFACTURER	MANUFACTURER	1900	
04	PAINT BOOTH	DGX-127-H38	26000	0.25	14	6	2441.7	2246.4	-15	65	20	2	208	3	69.3	MANUFACTURER	MANUFACTURER	3400	

FAN SCHEDULE

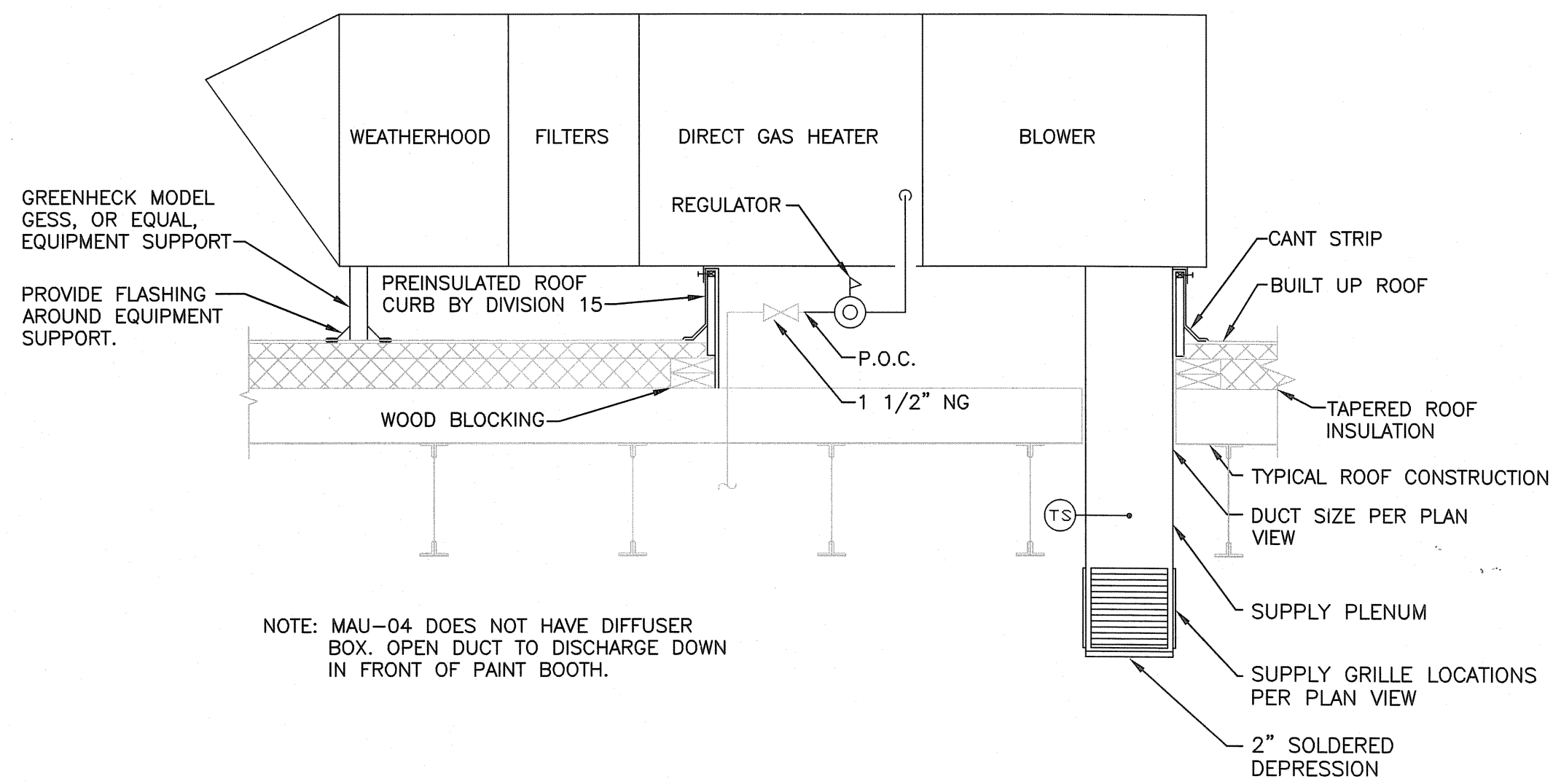
UNIT NO.	SERVICE	GREENHECK MODEL NO.	AIRFLOW (CFM)	EXT. S.P. (IN. W.C.)	MOTOR SIZE (HP)	FAN TYPE	MOTOR TYPE	DRIVE	ELECTRICAL				REMARKS
									VOLTAGE	PHASE	STARTER BY	DISCONNECT BY	
EF-06	REPAIR GARAGE	CUBE-200	4000	0.5	1	UPBLAST	TEFC	BELT	208	3	DIV 16	MFR.	
EF-07	SERVICE GARAGE	CSP-A290	266	0.25	FRAC.	CABINET	ODP	DIRECT	115	1	MFR.	MFR.	
EF-08	SERVICE GARAGE	CSP-A290	266	0.25	FRAC.	CABINET	ODP	DIRECT	115	1	MFR.	MFR.	

AIR REGISTER AND GRILLE SCHEDULE

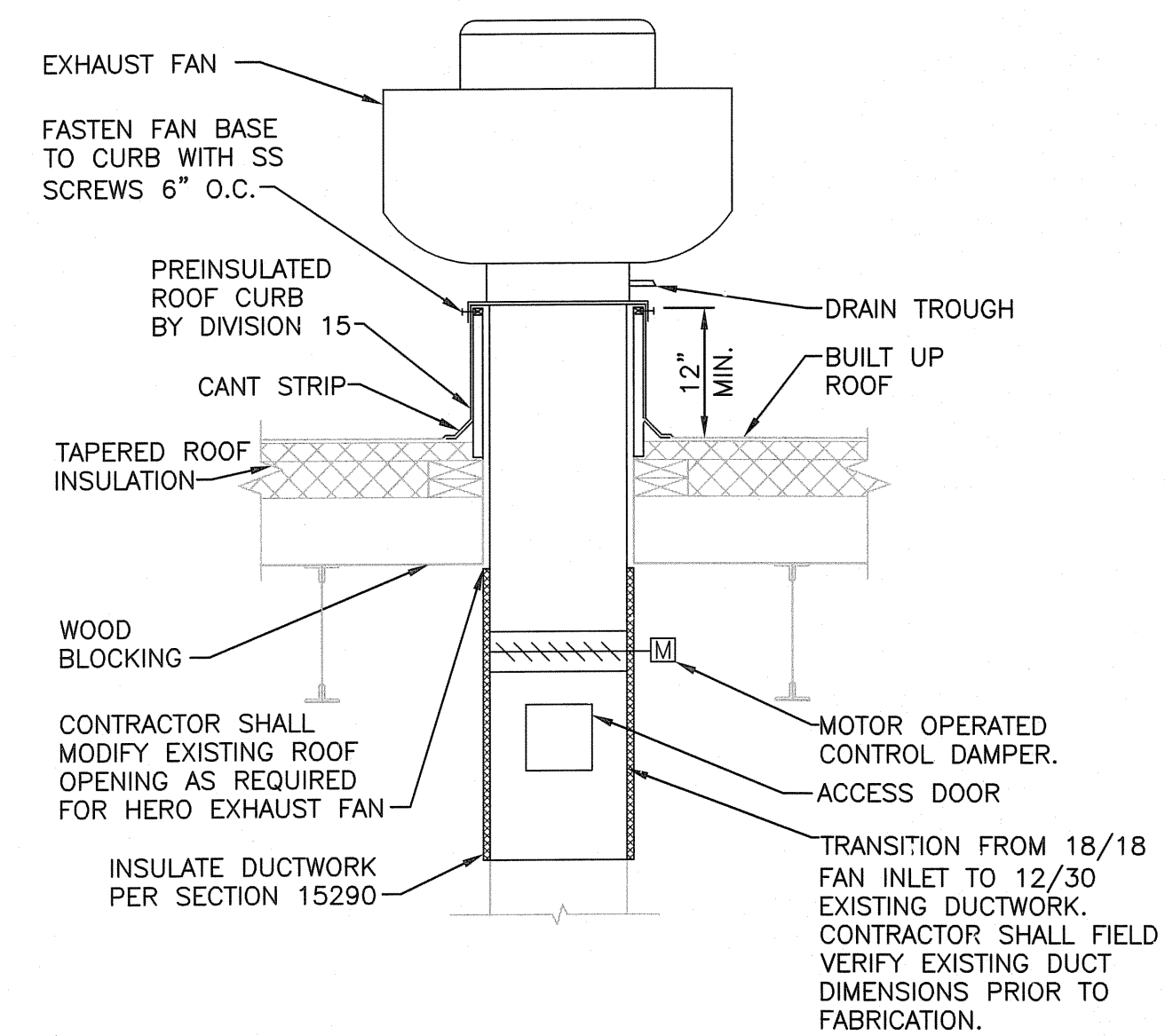
UNIT NO.	CARNES MODEL NO.	FINISH	TYPE	MATERIAL	SIZE	OBD DAMPER	MOUNTING			REMARKS
							LAY-IN	SURFACE	SIDEWALL	
SG-1	RSDB	MILL	SUPPLY GRILLE	STEEL	SEE PLANS	NO		*		



A TEMPERATURE CONTROL SYSTEM RISER
M6.1 NO SCALE



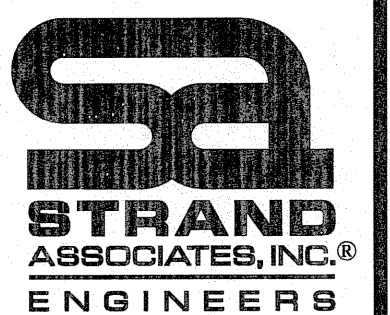
B MAKE-UP AIR UNIT DETAIL
M6.1 NO SCALE



C UPBLAST EXHAUST FAN DETAIL
M6.1 NO SCALE

DATE:	NOVEMBER, 2007
DES BY:	NLB
CHK BY:	MRS
RECORD DRAWING	
BY:	
DATE:	
CONTRACTOR:	

MECHANICAL SCHEDULES AND DETAILS
FLEET SERVICES BUILDING
MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
CITY OF MADISON
COUNTY OF DANE, WISCONSIN



PLUMBING ABBREVIATIONS

BF	BLIND FLANGE	P	PUMP
CB	CATCH BASIN	POC	POINT OF CONNECTION
CA	COMPRESSED AIR	PRV	PRESSURE REDUCING VALVE
CD	CONDENSATE DRAIN	PVC	POLYVINYL CHLORIDE
CI	CAST IRON	QC	QUICK CONNECT
CO	CLEAN OUT	RD	ROOF DRAIN
COND	CONDENSATE	RZBP	REDUCED ZONE BACKFLOW PREVENTER
CPVC	CHLORINATED POLYVINYL CHLORIDE	SD	SHOWER DRAIN
CW	COLD WATER PIPE	SE	SEWAGE EJECTOR
D	DRAIN	SH	SHOWER
DCBP	DOUBLE CHECK BACKFLOW PREVENTER	SK	SINK
DF	DRINKING FOUNTAIN	SP	SUMP PUMP
DFU	DRAINAGE FIXTURE UNIT	SSK	SERVICE SINK
DI	DUCTILE IRON	SS	STAINLESS STEEL
DS	DOWN SPOUT	SV	SOLENOID VALVE
EEWS	EMERGENCY EYEWASH AND SHOWER	TD	TRENCH DRAIN
EW	EYEWASH	UR	URINAL
EWC	ELECTRIC WATER COOLER	V	VENT
EQC	EQUIPMENT CONNECTION	VB	VACUUM BREAKER
FCO	FLOOR CLEAN OUT	VCP	VITRIFIED CLAY PIPE
FD	FLOOR DRAIN	VTR	VENT THRU ROOF
GD	GARBAGE DISPOSAL	W	WASTE PIPE
HB	HOSE BIBB	WCO	WALL CLEANOUT
HD	HUB DRAIN	WC	WATER CLOSET
HDPE	HIGH DENSITY POLYETHYLENE	WH	WATER HEATER
HR	HOSE REEL	WS	WATER SOFTENER
HWL	HIGH WATER LEVEL	WSFU	WATER SUPPLY FIXTURE UNIT
HW	HOT WATER PIPE		
HWR	HOT WATER RETURN		
IE	INVERT ELEVATION		
IWP	INDIRECT WASTE PIPE		
LV	LAVATORY		
LT	LAUNDRY TRAY		
MSB	MOP SERVICE BASIN		
MH	MANHOLE		

PLUMBING SYMBOLS

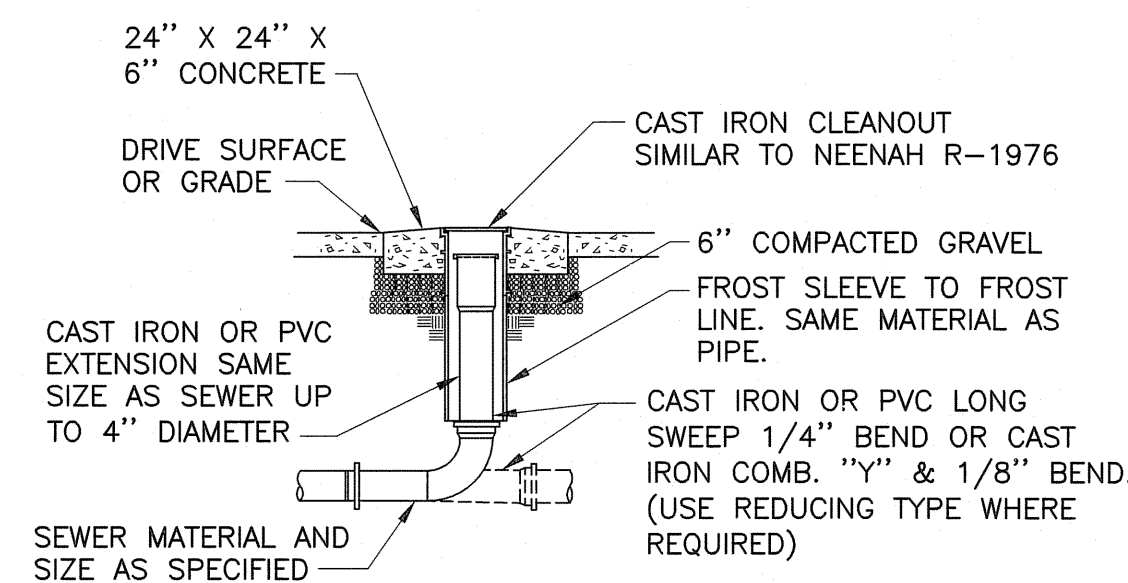
FD	FLOOR DRAIN
RD	ROOF DRAIN
HD	HUB DRAIN
+	HOSE BIBB
	THERMOMETER
	WATER SUPPLY/DRAINAGE FIXTURE UNITS
	IN LINE PUMP
	PLUG VALVE
	WATER HAMMER ARRESTER
	BALANCING VALVE
	BALL VALVE
	GATE VALVE
	CHECK VALVE
	PRESSURE GAUGE W/ SHUTOFF
	PRESSURE REDUCING VALVE
	UNION
	TEE DOWN
	TEE UP
	ELBOW DOWN
	ELBOW UP
	BRANCH DOWN
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	TRAP PRIMER
	METER
	GAS PRESSURE REGULATOR
	BUTTERFLY VALVE
	CLEAN OUT (FLOOR)
	CLEAN OUT (HORIZONTAL)
	WALL CLEAN OUT
	FLANGED
	BACKFLOW PREVENTER
	EXPANSION JOINT

PLUMBING DESIGNATIONS

—CA—	COMPRESSED AIR
—CW—	COLD WATER
—HW—	HOT WATER
—HWR—	HOT WATER RETURN
—G—	GAS
—NPW—	NON-POTABLE WATER
—SPD—	SUMP PUMP DISCHARGE
—SW—	SOFT WATER
—	VENT PIPE
----	WASTE BELOW GRADE
----	WASTE ABOVE GRADE
----	STORM BELOW GRADE
----	STORM ABOVE GRADE
----	EXISTING PIPE
----	NEW PIPE
XXXXX	DEMO PIPE
////	ABANDON PIPE

GENERAL NOTES:

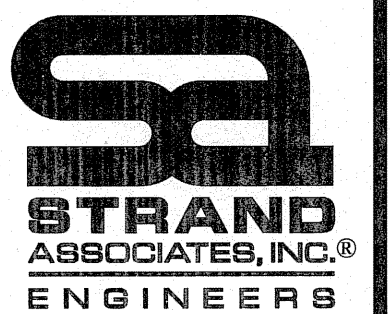
- COORDINATE WITH OTHER TRADES TO ELIMINATE ANY CONFLICTS BETWEEN PIPING, DUCTWORK, ELECTRICAL WORK, ETC.
- FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPES SIZES NOT SHOWN ON FLOOR PLANS, REFER TO DETAILS, ISOMETRICS AND SCHEDULES.
- PIPE ROUTING IS SHOWN IN APPROXIMATE LOCATIONS.
- PLUMBING CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND GENERAL CONTRACTORS FOR VERTICAL CHASE AND WALL REQUIREMENTS.
- VERIFY PLUMBING EQUIPMENT CONNECTION REQUIREMENTS.
- PLUMBING CONTRACTOR SHALL PROVIDE ACCESSIBILITY TO ALL VALVES AND CONTROL DEVICES. FURNISH ACCESS PANELS WHERE SHOWN OR REQUIRED FOR ACCESS TO ALL CONCEALED VALVES OR OTHER EQUIPMENT FURNISHED UNDER THIS CONTRACT WHERE NO OTHER MEANS IS PROVIDED.
- DRAWING INTENT IS TO INDICATE GENERAL ARRANGEMENT, DESIGN AND INTENT OF WORK, AND IS PARTIALLY DIAGRAMMATIC. DRAWING SHALL NOT BE SCALED.
- CONTRACTOR SHALL PROVIDE EQUIPMENT AND INSTALLATION TO MEET APPLICABLE CODE REQUIREMENTS IN CONJUNCTION WITH THESE DRAWING DOCUMENTS AND ASSOCIATED SPECIFICATIONS.



A EXTERIOR CLEANOUT
P0.1 NO SCALE

DATE:	NOVEMBER, 2007
DES BY:	NLB
CHK BY:	BTM
RECORD DRAWING	
BY:	
DATE:	
CONTRACTOR:	

PLUMBING SYMBOLS, ABBREVIATIONS, AND DETAILS
FLEET SERVICES BUILDING
MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
CITY OF MADISON
COUNTY OF DANE, WISCONSIN

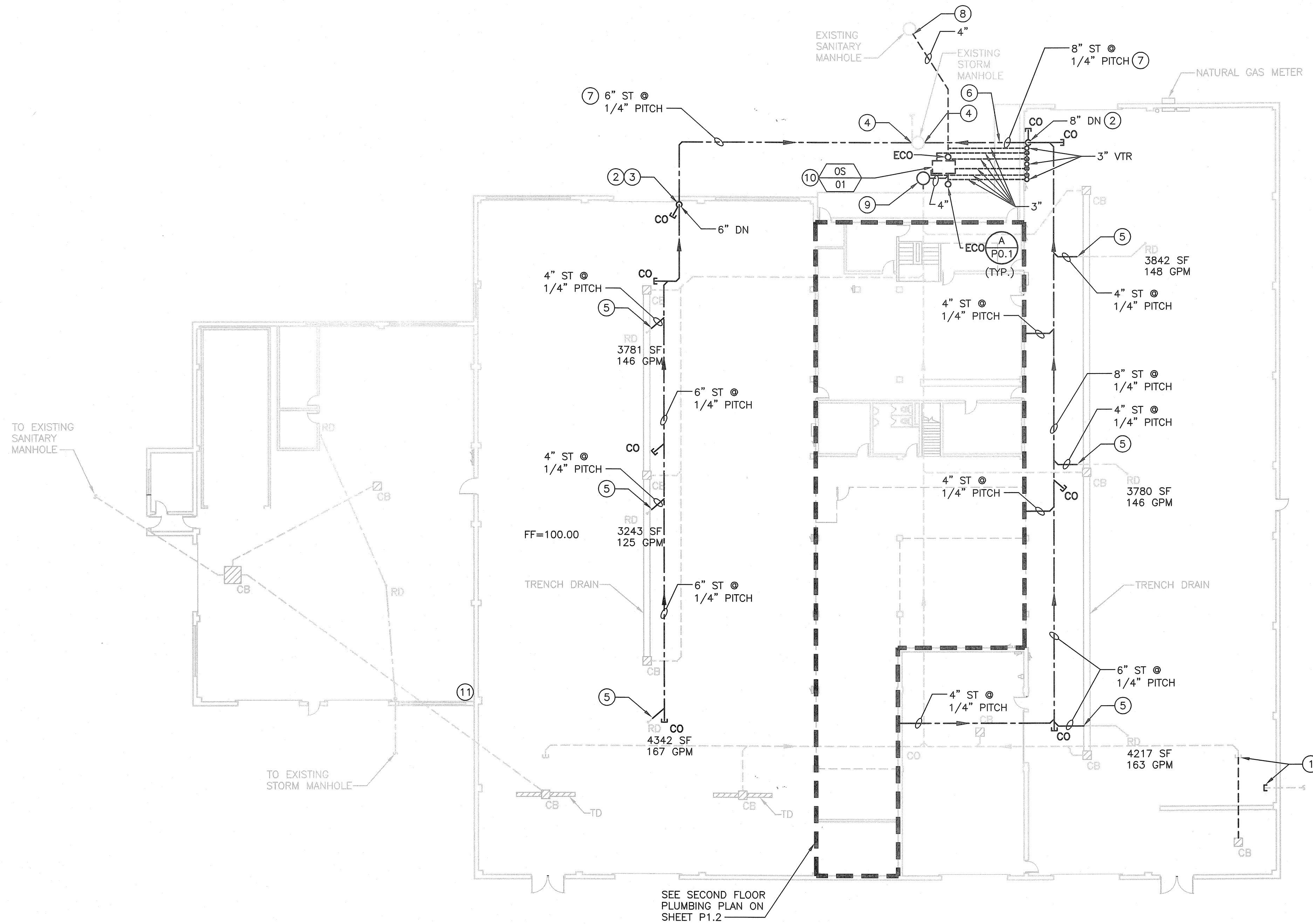


GENERAL NOTES:

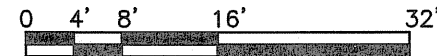
- SEE SHEET P0.1 FOR GENERAL NOTES.

KEY NOTES:

- CONNECT TO EXISTING UNDERGROUND DRAIN. REMOVE AND CAP EXISTING CONNECTION. FILL WITH NON-SHRINK GROUT TO MATCH EXISTING FINISHED FLOOR ELEVATION. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING PIPE FOR CONNECTION POINT.
- PROVIDE CLEANOUT ON STACK AT 3'-0" AFF.
- CONTRACTOR SHALL COORDINATE WITH FIRE PROTECTION SERVICE ENTRANCE FOR AVAILABLE SPACE IN THIS LOCATION.
- CONNECT NEW STORM PIPING TO EXISTING STORM MANHOLE.
- CONNECT EXISTING ROOF DRAINS TO NEW ABOVE GROUND STORM PIPING.
- CONTRACTOR SHALL REPLACE CONCRETE THAT WAS REMOVED TO INSTALL PIPING. MATCH EXISTING FINISH AND GRADE.
- PIPING ROUTED BELOW GRADE.
- CONNECT TO EXISTING SANITARY MANHOLE.
- NEW MANHOLE. CONNECT EXISTING 12" DIAMETER PIPE TO NEW MANHOLE. IE OF EXISTING 12" DIAMETER PIPE IS APPROXIMATELY 54" BELOW GRADE. CONTRACTOR SHALL FIELD VERIFY DEPTH.
- PROVIDE ROCKFORD SEPARATOR OIL SEPARATOR MODEL OST-5630, OR EQUAL. UNIT SHALL BE CAPABLE OF 50 GPM AND 100 GALLON INTERNAL OIL STORAGE CAPACITY. 4-INCH INLET AND 4-INCH OUTLET CONNECTIONS. PROVIDE INTEGRAL EXTENSIONS TO GRADE AS NECESSARY TO MEET DEPTH REQUIREMENTS. PROVIDE CONCRETE HOLD-DOWN PADS, PUMP-OUT CONNECTION, AND RECESSED LIFT HANDLES. UNIT SHALL BE APPROVED AND INSTALLED IN ACCORDANCE WITH WISCONSIN PLUMBING CODE.
- CONTRACTOR SHALL MODIFY COMPRESSED AIR PIPING AS REQUIRED FOR MOUNTING EF-06 COMBINATION STARTER. PROVIDE NECESSARY FITTINGS AS REQUIRED.



OVERALL PLUMBING PLAN



NO.	REVISIONS	DATE

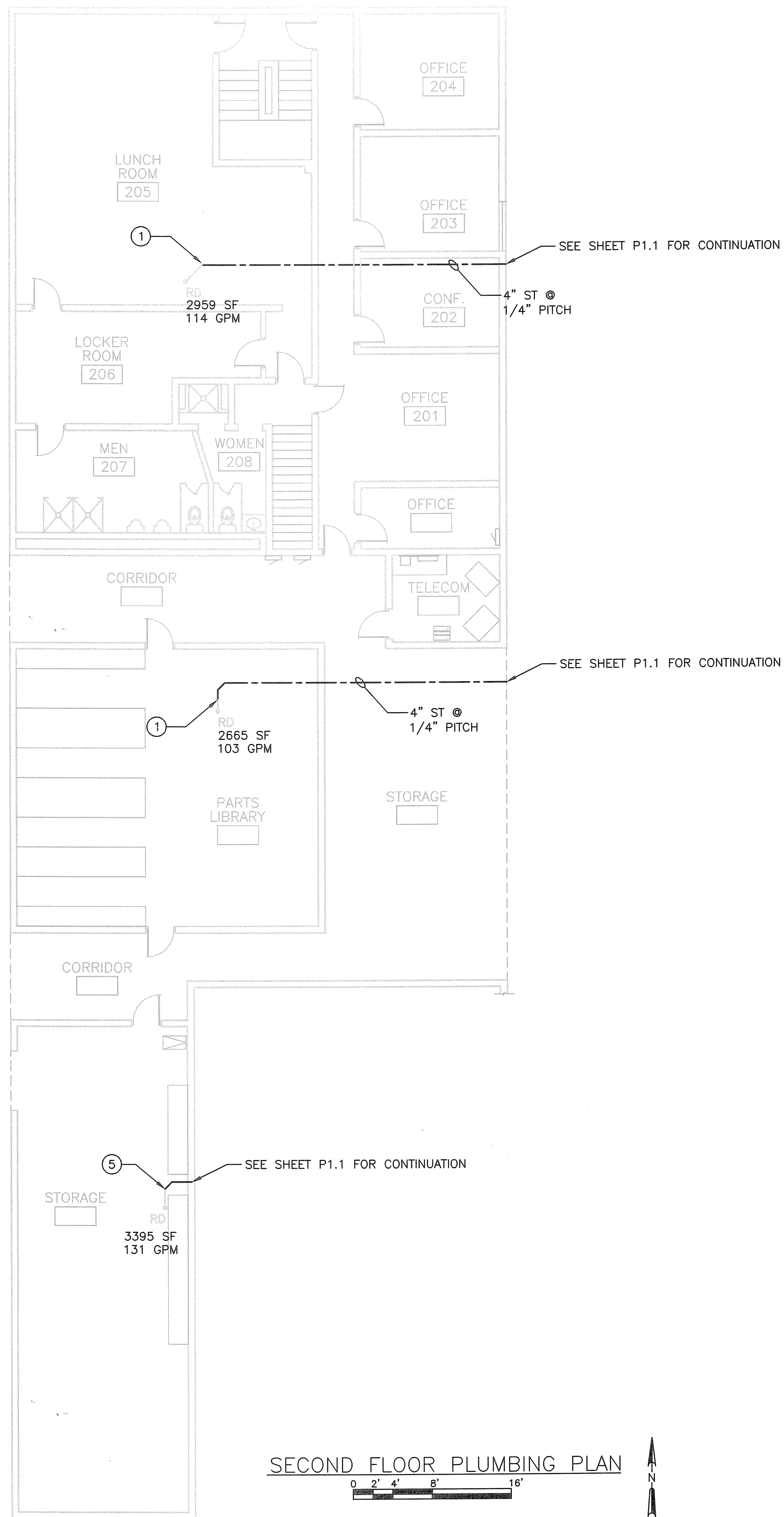
DATE: NOVEMBER, 2007
DES BY: NLB
CHK BY: BTM
RECORD DRAWING
BY:
DATE:
CONTRACTOR:

FIRST FLOOR PLUMBING PLAN
FLEET SERVICES BUILDING
MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
CITY OF MADISON
COUNTY OF DANE, WISCONSIN



SHEET
P1.1

JOB NO. 1-020-033



GENERAL NOTES:

1. SEE SHEET P0.1 FOR GENERAL NOTES.

KEY NOTES:

① CONNECT EXISTING ROOF DRAINS TO NEW ABOVE GROUND STORM PIPING.

NO.	REVISIONS	DATE

DATE: NOVEMBER, 2007
 DES BY: NLB CHK BY: BTM
 RECORD DRAWING
 BY: _____
 DATE: _____
 CONTRACTOR: _____

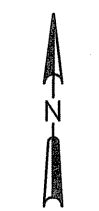
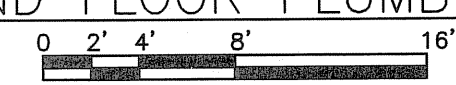
SECOND FLOOR PLUMBING PLAN
 FLEET SERVICES BUILDING
 MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
 CITY OF MADISON
 COUNTY OF DANE, WISCONSIN



SHEET
P1.2

JOB NO. 1-020-033

SECOND FLOOR PLUMBING PLAN



ELECTRICAL SYMBOLS

ABBREVIATION	DEFINITION
A	AMPERE
AF	AMPERE FRAME
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CR	CARD READER
CU	COPPER
DC	DIRECT CURRENT
DISC	DISCONNECT
DP	DOOR POSITION SWITCH
E	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EOL	END OF LINE DEVICE
ES	ELECTRIC STRIKE
ETM	ELASPE TIME METER
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPERES
FLS	FLOW SWITCH
FPCP	FIRE PUMP CONTROL PANEL
FT	FEET
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
GRD	GROUND
GFP	GROUND FAULT PROTECTION (EQUIPMENT)
GFI	GROUND FAULT INTERRUPTER
GRS	GALVANIZED RIGID STEEL
HOA	HAND OFF AUTO
HP	HORSEPOWER
HZ	HERTZ
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
J	JUNCTION BOX
KVA	KILOVOLT AMPERES
KVAR	KILOVOLT AMPERES REACTIVE
KW	KILOWATT
LTG	LIGHTING
LV	LOW VOLTAGE
MCB	MAIN CIRCUIT BREAKER
MCCB	MOLDED CASE CIRCUIT BREAKER
MCM	THOUSAND CIRCULAR MILS
MDP	MAIN DISTRIBUTION PANELBOARD
ML	MAGNETIC LOCK
MLO	MAIN LUGS ONLY
MS	MOTION SENSOR
N/A	NOT APPLICABLE
NAC	NOTIFICATION APPLIANCE CIRCUIT PANEL
NEC	NATIONAL ELECTRIC CODE
NM	NONMETALLIC
NTS	NOT TO SCALE
OS	OCCUPANCY SENSOR
P	POLE
PB	PULL BOX
∅	PHASE
PNL	PANELBOARD
PR	PAIR
PRI	PRIMARY
PVC	POLYVINYL CHLORIDE
PWR	POWER
RE	REQUEST TO EXIT
RTS	REMOTE TEST SWITCH
SC	SHORT CIRCUIT
SE	SERVICE ENTRANCE
SEC	SECONDARY
SH	SHIELDED
SW	SWITCH
TEL	TELEPHONE
TS	THERMOSTAT
TYP	TYPICAL
UG	UNDERGROUND
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
V	VOLTS
W	WIRE OR WATT
WP	WEATHERPROOF
XP	EXPLOSION PROOF
Y	WYE

FIRE ALARM SYMBOLS

- FIRE ALARM CONTROL PANEL
- CLEAN AGENT CONTROL PANEL
- FIRE ANNUNCIATOR CONTROL PANEL
- STROBE; WALL MOUNT - ADA RATED; 80" AFF
xx - STROBE CANDELLA RATING
- HORN STROBE; WALL MOUNT - ADA RATED; 80" AFF
xx - STROBE CANDELLA RATING
- SPEAKER STROBE; WALL MOUNT - ADA RATED; 80" AFF
xx - STROBE CANDELLA RATING
- HORN; WALL MOUNT - ADA RATED; 80" AFF
- SPEAKER; WALL MOUNT - ADA RATED; 80" AFF
- STROBE; CEILING MOUNT - ADA RATED
xx - STROBE CANDELLA RATING
- HORN STROBE; CEILING MOUNT - ADA RATED
- STROBE CANDELLA RATING
- SPEAKER STROBE; CEILING MOUNT - ADA RATED
- STROBE CANDELLA RATING
- HORN; CEILING MOUNT - ADA RATED
- SPEAKER; CEILING MOUNT - ADA RATED
- HEAT DETECTOR; CEILING MOUNT
- SMOKE DETECTOR; CEILING MOUNT
- SMOKE DETECTOR; CEILING MOUNT
I - IONIZATION DETECTOR
- SMOKE DETECTOR; CEILING MOUNT
P - PHOTOELECTRIC DETECTOR
- SWITCH INDICATION
a - DUCT SMOKE DETECTOR
xx - DUCT SIZE
- REMOTE TEST SWITCH
a - DUCT SIZE
- FIRE ALARM PULL STATION
- FLOW SWITCH
- TAMPER SWITCH

POWER SYMBOLS

- CIRCUIT NUMBER (TYPICAL)
- OTHERWISE SHOWN PANEL DESIGNATION (TYP.)
DUPLEX, 125 VOLT, WP
INDICATES WEATHERPROOF
- DUPLEX, 125 VOLT, ABOVE FURNITURE
- DOUBLE DUPLEX, 125 VOLT, ABOVE FURNITURE
- FIXED EQUIPMENT CONNECTION
- PANELBOARD

SECURITY SYSTEM

- CARD READER
- ELECTRIC STRIKE
- DOOR POSITION SWITCH
- PUSH BUTTON
- LATCH BOLT MONITOR
- REQUEST TO EXIT
- HANDICAP ACCESSIBLE PUSH PLATE OPENER
- MAGNETIC LOCK
- SPEAKER; CEILING MOUNT - ADA RATED
- KEY PAD
- GLASS BREAK DETECTOR
- MOTION SENSOR
- DOOR SWITCH
- FIXED SECURITY CAMERA
- CAMERA NUMBER
- PAN, TILT, ZOOM SECURITY CAMERA
- CAMERA NUMBER

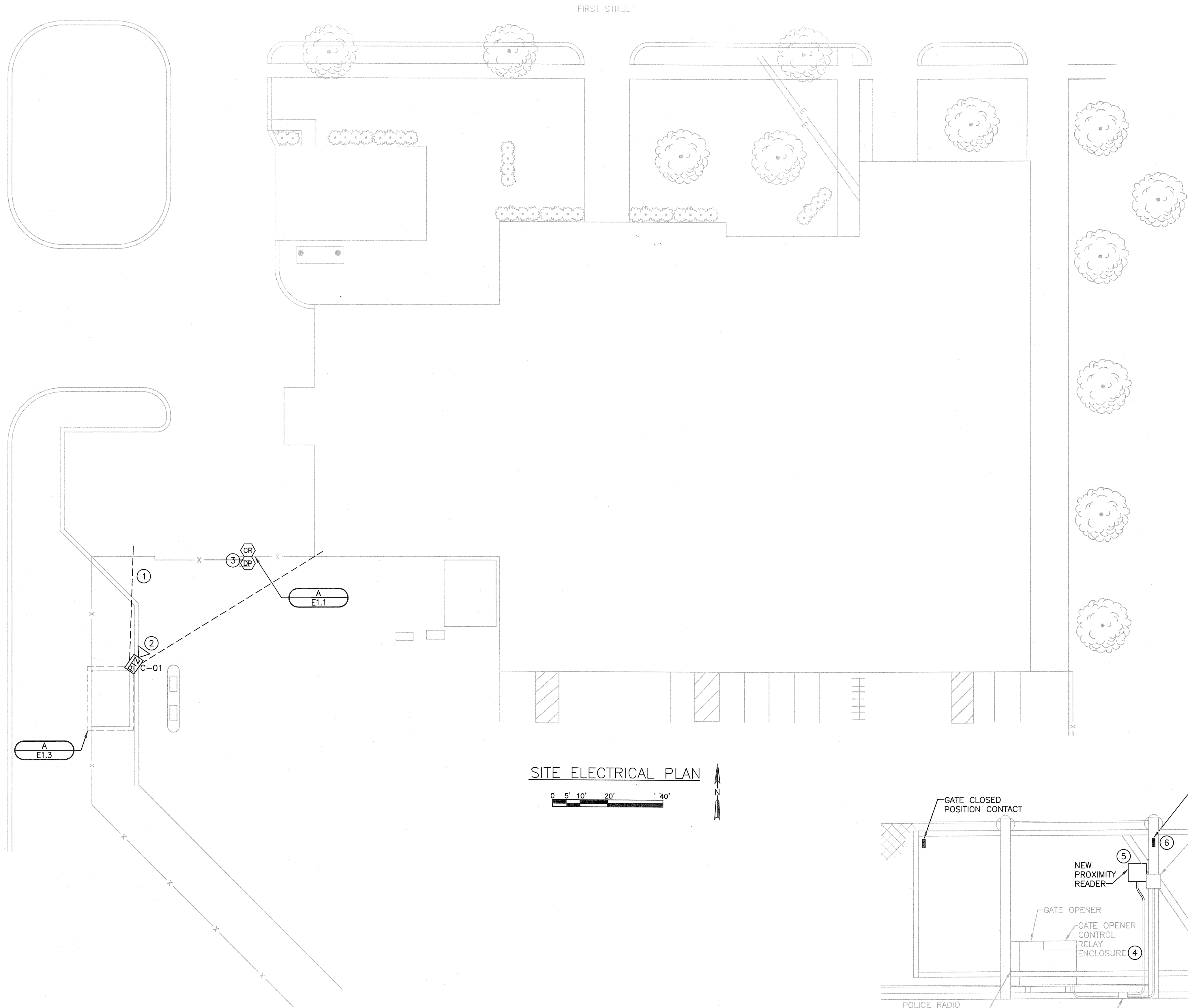
TECHNOLOGY SYMBOLS

- DATA LOBE
- PHONE
- VOICE AND DATA LOBE
- DATA RACK
- CO-AXIAL CABLE
- POWER POLE
- SPEAKER

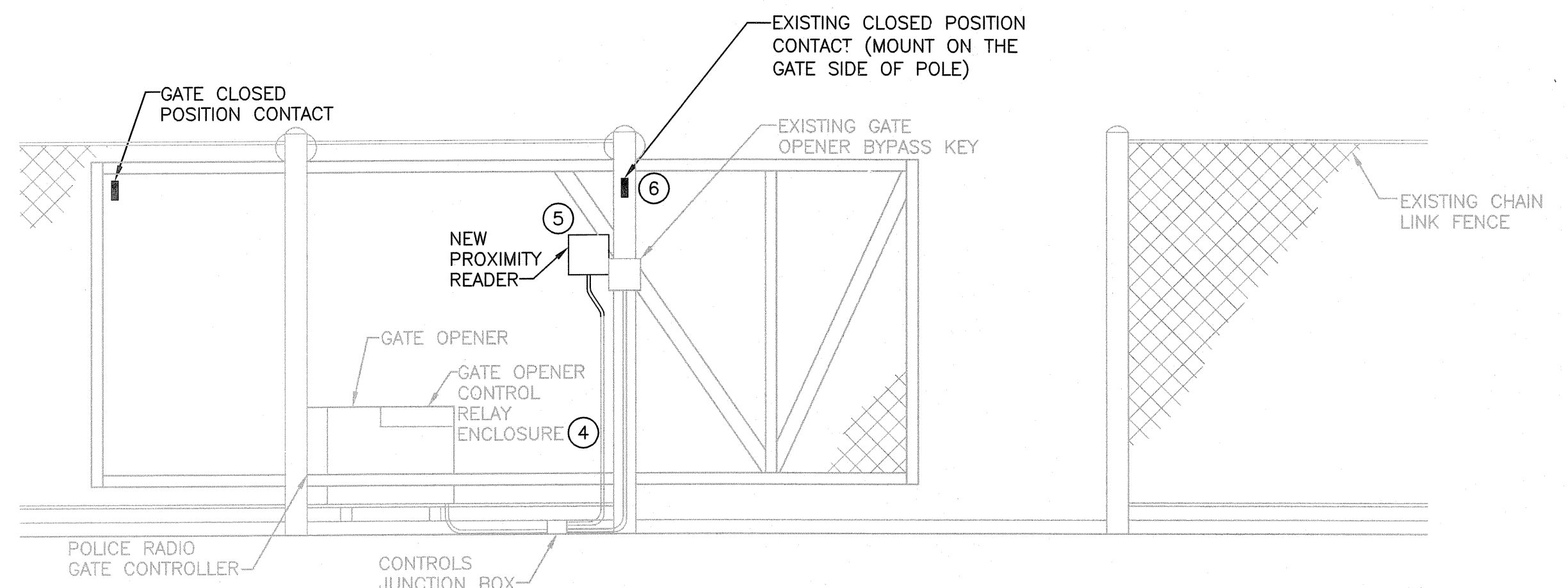
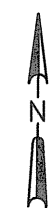
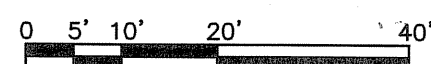
DATE:	NOVEMBER, 2007
DES BY: OPH	CHK BY: BMS
RECORD DRAWING	
BY:	
DATE:	
CONTRACTOR:	

ELECTRICAL SYMBOLS AND ABBREVIATIONS
 FLEET SERVICES BUILDING
 MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
 CITY OF MADISON
 COUNTY OF DANE, WISCONSIN





SITE ELECTRICAL PLAN



A E1.1 ENTRANCE GATE MOUNTING DETAIL
NO SCALE

GENERAL NOTES:

1. ALL ACCESS CONTROL SYSTEM COMPONENTS SHALL BE CONTROLLED BY THE BUILDING MANAGEMENT SYSTEM PANEL REFER TO SHEET E1.3 FOR PANEL LOCATION.

KEY NOTES:

1. PROVIDE PTZ CAMERA LENSE TO COVER CAMERA VIEWING ANGLE IDENTIFIED AT HOME POSITION.
2. REFER TO VIDEO SURVEILLANCE RISER DIAGRAM FOR ADDITIONAL ELECTRICAL WORK ASSOCIATED WITH THE CAMERA INSTALLATION.
3. PROVIDE A GATE POSITION SWITCH TO MONITOR GATE CLOSURE AT THE ACCESS CONTROL SYSTEM.
4. PROVIDE ACCESS CONTROL SYSTEM REMOTE READER MODULE IN THE GATE OPENER CONTROL RELAY ENCLOSURE. PROVIDE 2~#14 FROM REMOTE READER MODULE DIGITAL OUTPUT TO GATE CONTROLLER FOR OPEN SIGNAL. COORDINATE OPEN SIGNAL INPUT TERMINATION POINT WITH GATE CONTROLLER MANUFACTURER.
5. PROVIDE NEW PROXIMITY READER ON EXISTING MOUNTING PLATE. CONTRACTOR SHALL RE-USE EXISTING RACEWAY TO THE GATE OPENER. MODIFY AND EXTEND RACEWAY AS REQUIRED.
6. PROVIDE NEW RACEWAY FROM GATE POSITION CONTACT TO THE EXISTING CONTROLS JUNCTION BOX LOCATED AT THE BOTTOM OF THE FENCE. DOOR POSITION CONTACT SHALL TERMINATE IN THE ACCESS CONTROL SYSTEM REMOTE READER MODULE IN THE GATE OPENER ENCLOSURE.

NO.	REVISIONS	DATE:

DATE: NOVEMBER, 2007
 DES BY: GPH CHK BY: BMS
 RECORD DRAWING
 BY: DATE: CONTRACTOR:

SITE ELECTRICAL PLAN
 FLEET SERVICES BUILDING
 MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
 CITY OF MADISON
 COUNTY OF DANE, WISCONSIN



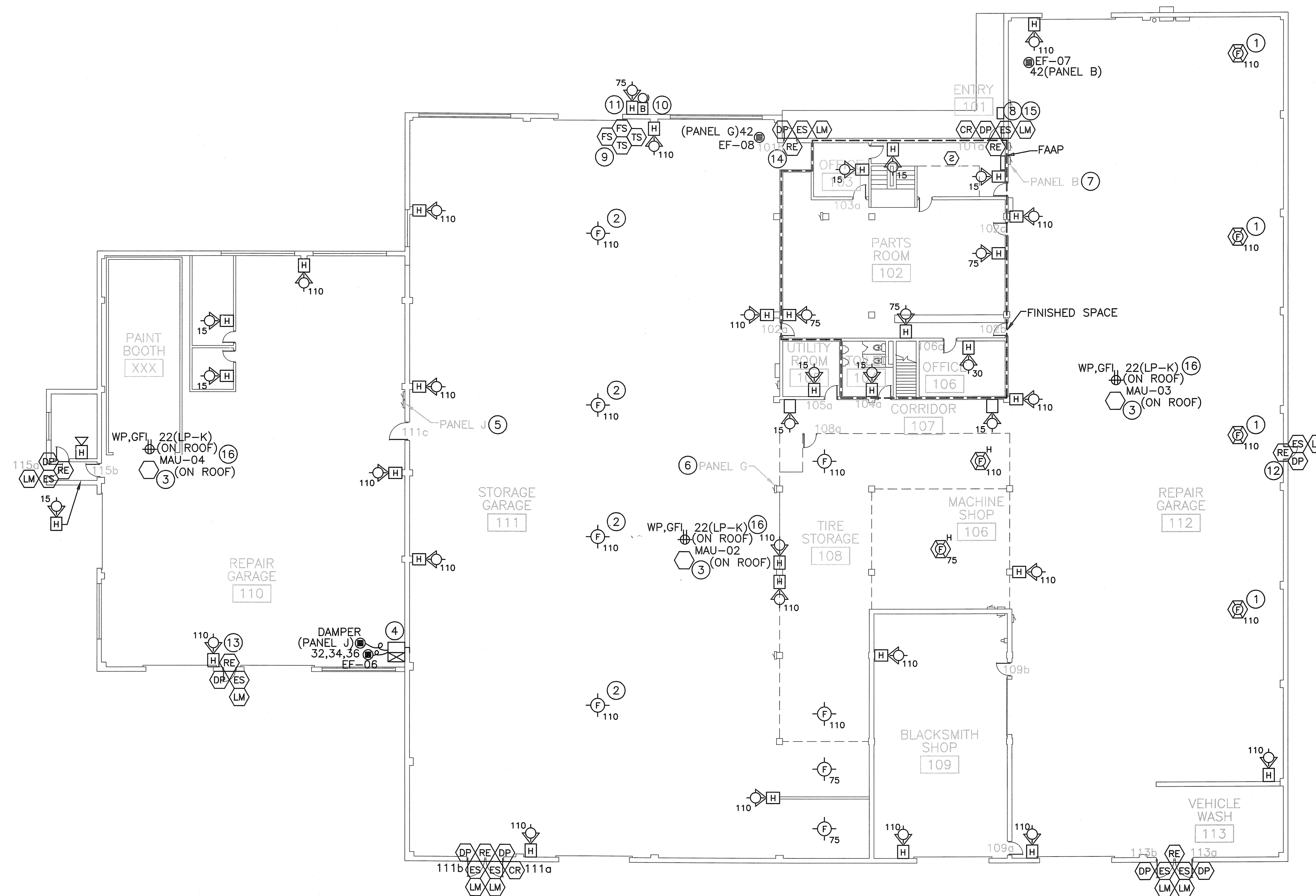
SHEET
E1.1
 JOB NO. 1-020-033

GENERAL NOTES:

1. ALL ACCESS CONTROL SYSTEM COMPONENTS SHALL BE POWERED THROUGH AND CONTROLLED BY THE BUILDING MANAGEMENT SYSTEM PANEL. REFER TO SHEET E1.3 FOR PANEL LOCATION.
2. REFER TO SHEET E5.1 FOR TYPICAL DOOR ACCESS CONTROL WIRING.
3. REFER TO SHEET D1.1 FOR ELECTRICAL DEMOLITION REQUIRED.
4. ELECTRICAL DEVICES LOCATED ON EXISTING MASONRY WALLS IN FINISHED SPACES SHALL BE FED FROM ABOVE THE CEILING AS SHOWN IN DETAIL D/E5.1 USING SURFACE MOUNTED RACEWAY. ELECTRICAL DEVICES LOCATED ON EXISTING GYPSUM BOARD WALLS SHALL BE RECESSED IN THE EXISTING WALL AND FED FROM ABOVE THE CEILING USING ENT TYPE RACEWAY. REFER TO DETAIL E/E5.1 FOR RECESSED DEVICE MOUNTING.
5. PENETRATIONS THROUGH EXISTING WALLS SHALL BE SEALED TO MATCH THE FIRE RATING OF THE EXISTING WALLS.
6. CONTRACTOR SHALL PROVIDE NAC PANELS AS REQUIRED TO POWER FAS ANNUNCIATION DEVICES. CONTRACTOR SHALL PROVIDE A DEDICATED 20 AMP, 120V CIRCUIT BREAKER, WIRE, AND CONDUIT TO POWER EACH NAC PANEL. PROVIDE A SMOKE DETECTOR OVER ALL NAC LOCATIONS. COORDINATE NAC PANEL LOCATIONS WITH OWNER PRIOR TO SUBMITTING VOLTAGE DROP CALCULATIONS.
7. ALL ELECTRICAL WORK PROVIDED BELOW 18" AFF ON THIS FLOOR SHALL BE RATED CLASS 1, DIVISION 2, UNLESS NOTED OTHERWISE.
8. ALL RACEWAY PROVIDE BELOW 10'-0" AFF IN UNFINISHED SPACES SHALL BE CONSIDERED AS REQUIRING MECHANICAL PROTECTION.
9. ALL EXISTING PANEL SCHEDULES SHALL BE UPDATED WITH NEW CIRCUIT INFORMATION ADDED AS PART OF THIS PROJECT.

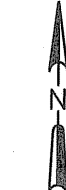
KEY NOTES:

1. DEVICE SHALL BE SUSPENDED FROM THE CEILING WITH IMC CONDUIT SUCH THAT THE DEVICE IS LEVEL WITH THE BOTTOM OF THE LIGHT FIXTURES OVER THE MECHANIC WORK BENCHES.
2. DEVICE SHALL BE SUSPENDED FROM THE CEILING WITH IMC CONDUIT SUCH THAT THE DEVICE IS LEVEL WITH THE BOTTOM OF THE LIGHT FIXTURES ADJACENT THE MAIN DRIVE THRU AREA.
3. CONTRACTOR SHALL EXTEND AND MODIFY THE EXISTING MAU POWER WIRING AND CONDUIT AS REQUIRED TO POWER THE NEW MAU.
4. PROVIDE FVNR COMBINATION STARTER IN NEMA 12 ENCLOSURE FOR EF-06. STARTER SHALL HAVE AN H-0-A SELECTOR SWITCH, GREEN RUN LIGHT, RED FAIL LIGHT, AND ETM. PROVIDE AN EXTRA CAPACITY CONTROL POWER TRANSFORMER TO POWER ASSOCIATED DAMPERS. WITH THE H-0-A IN THE HAND POSITION, THE FAN SHALL RUN AND THE ASSOCIATED DAMPERS SHALL OPEN BYPASSING ALL CONTROLS UNLESS NOTED OTHERWISE. WITH H-0-A IN THE OFF POSITION, THE FAN SHALL BE INOPERABLE. WITH H-0-A IN THE AUTO POSITION, THE FAN SHALL BE CONTROLLED THROUGH THE DDC SYSTEM. PROVIDE 3~#12 AND #12 GRD IN 3/4" CONDUIT FROM EF-06 TO PANEL J. PROVIDE AUXILIARY RUN AND FAIL CONTACT FOR STATUS INDICATION AT THE DDC SYSTEM.
5. PROVIDE A 20 AMP THREE POLE CIRCUIT BREAKER IN THIS PANEL FOR EF-06. EXISTING PANEL IS MODEL F-1 AS MANUFACTURED BY SIEMENS.
6. PROVIDE A 20 AMP SINGLE POLE CIRCUIT BREAKER IN THIS PANEL FOR EF-08. EXISTING PANEL IS MODEL F-1 AS MANUFACTURED BY SIEMENS.
7. PROVIDE A 20 AMP SINGLE POLE CIRCUIT BREAKER IN THIS PANEL FOR EF-07. EXISTING PANEL IS MODEL F-1 AS MANUFACTURED BY SIEMENS.
8. PROVIDE FIRE DEPARTMENT KNOX BOX IN THE EXTERIOR WALL OF THE BUILDING. KNOX BOX SHALL BE SIZED TO HOLD 10 KEYS AND SHALL BE EQUIPPED WITH A TAMPER SWITCH. PROVIDE PER MADISON FIRE DEPARTMENT (MFD) REQUIREMENTS. COORDINATE INSTALLATION AND ORDERING WITH MFD.
9. FIRE ALARM SYSTEM FLOW SWITCH AND TAMPER SWITCHES SHALL BE MONITORED BY THE FIRE ALARM CONTROL PANEL. PROVIDE REQUIRED ADDRESSABLE CONTROL MODULES AND SUPERVISORY RELAYS TO MONITOR EACH DEVICE. PROVIDE WIRE AND CONDUIT AS REQUIRED TO MONITOR SIGNALS AT FACP.
10. PROVIDE 2~#14 CONDUCTORS IN 3/4" CONDUIT FROM SPRINKLER SYSTEM FLOW SWITCH TO THE ALARM BELL. BELL SHALL SOUND WHEN FLOW SWITCH IS ACTIVATED. ALARM BELL SHALL BE POWERED THROUGH FACP.
11. EXTERIOR HORN/STROBE DEVICE LOCATED ABOVE FIRE DEPARTMENT CONNECTION SHALL BE POWERED THROUGH FACP SUCH THAT THIS DEVICE IS ONLY ACTIVATED WHEN THE FIRE PROTECTION SYSTEM FLOW SWITCH IS ACTIVATED.
12. PROVIDE HONEYWELL WEBAXS REMOTE INPUT/OUTPUT MODULE ABOVE THIS DOOR FOR ACCESS CONTROL INPUT/OUTPUTS OF THIS DOOR AND DOORS 113a AND 113b. PROVIDE WIRE AND CONDUIT AS REQUIRED.
13. PROVIDE HONEYWELL WEBAXS REMOTE INPUT/OUTPUT MODULE ABOVE THIS DOOR FOR ACCESS CONTROL INPUT/OUTPUTS OF DOOR 115a. PROVIDE WIRE AND CONDUIT AS REQUIRED.
14. DOOR SECURITY DEVICES SHALL BE CONTROLLED FROM THE REMOTE READER MODULE PROVIDED ABOVE DOOR 101a. PROVIDE WIRE AND CONDUIT AS REQUIRED.
15. PROVIDE 2~#14 CONDUCTORS IN 3/4" CONDUIT FROM KNOX BOX TAMPER SWITCH TO SECURITY CONTROLLER. REFER TO SHEET E1.3 FOR PANEL LOCATION.
16. PROVIDE ONE COMMON 20 AMP SINGLE POLE CIRCUIT BREAKER IN PANEL K TO POWER ALL THREE ROOF TOP RECEPTACLES.



FIRST FLOOR PLAN

0 4' 8' 16' 32'



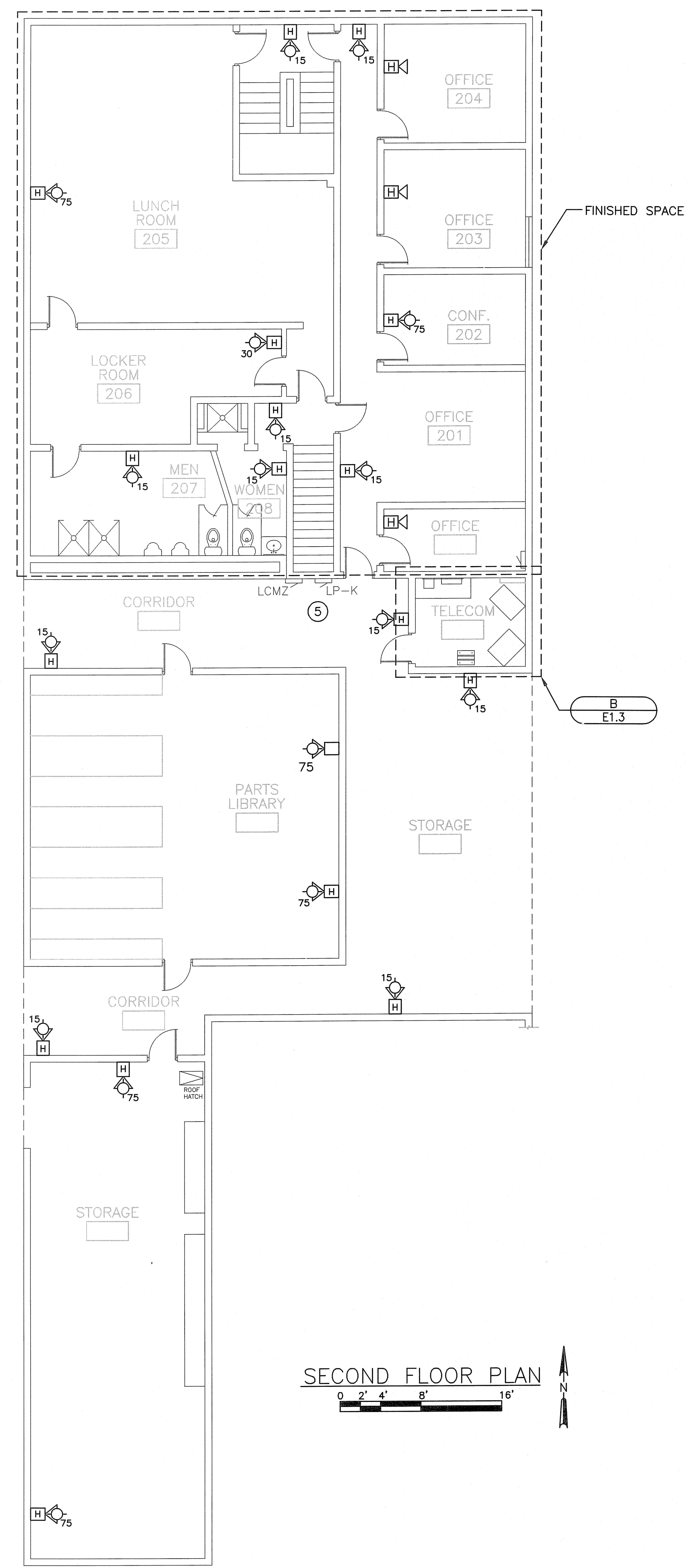
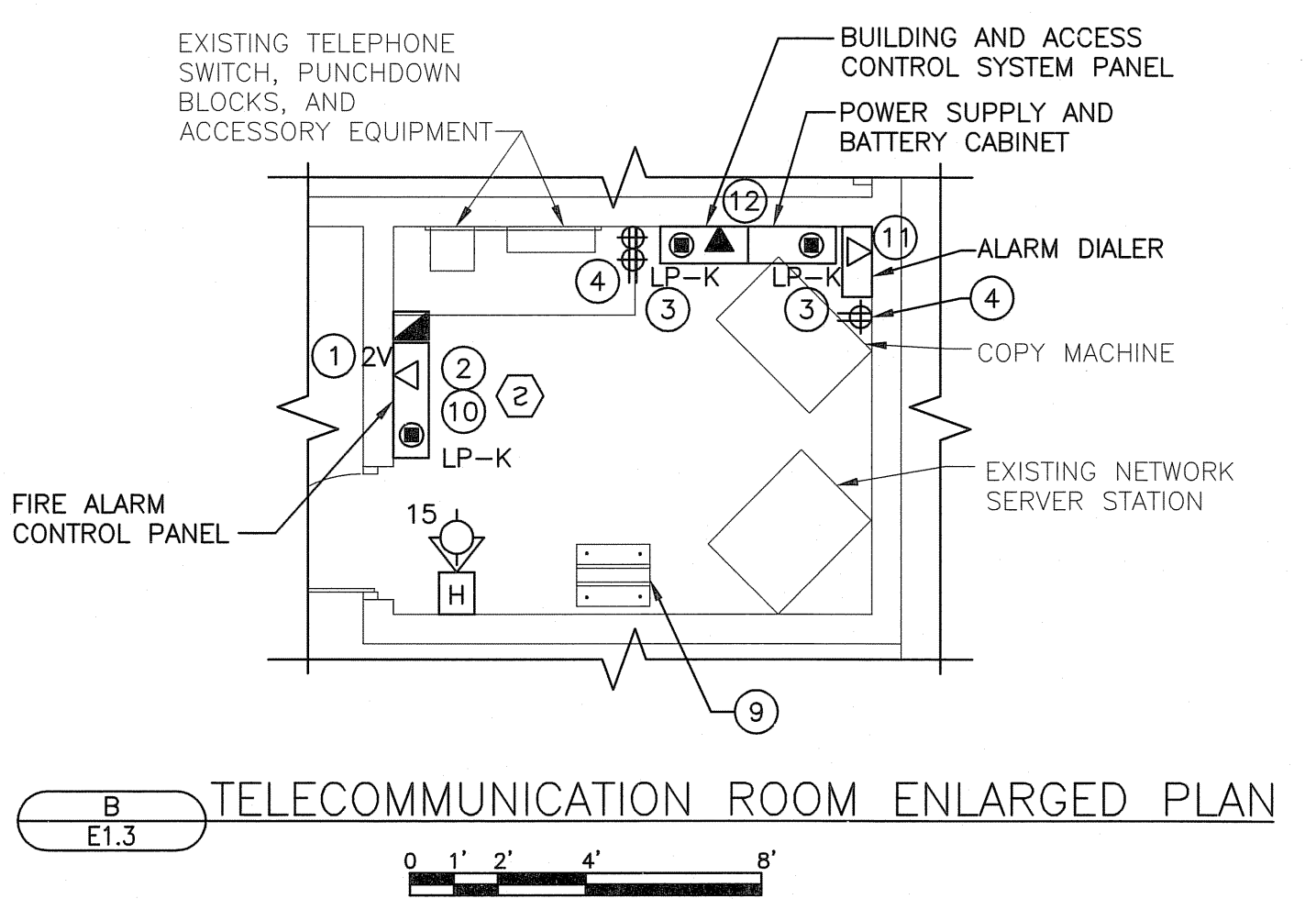
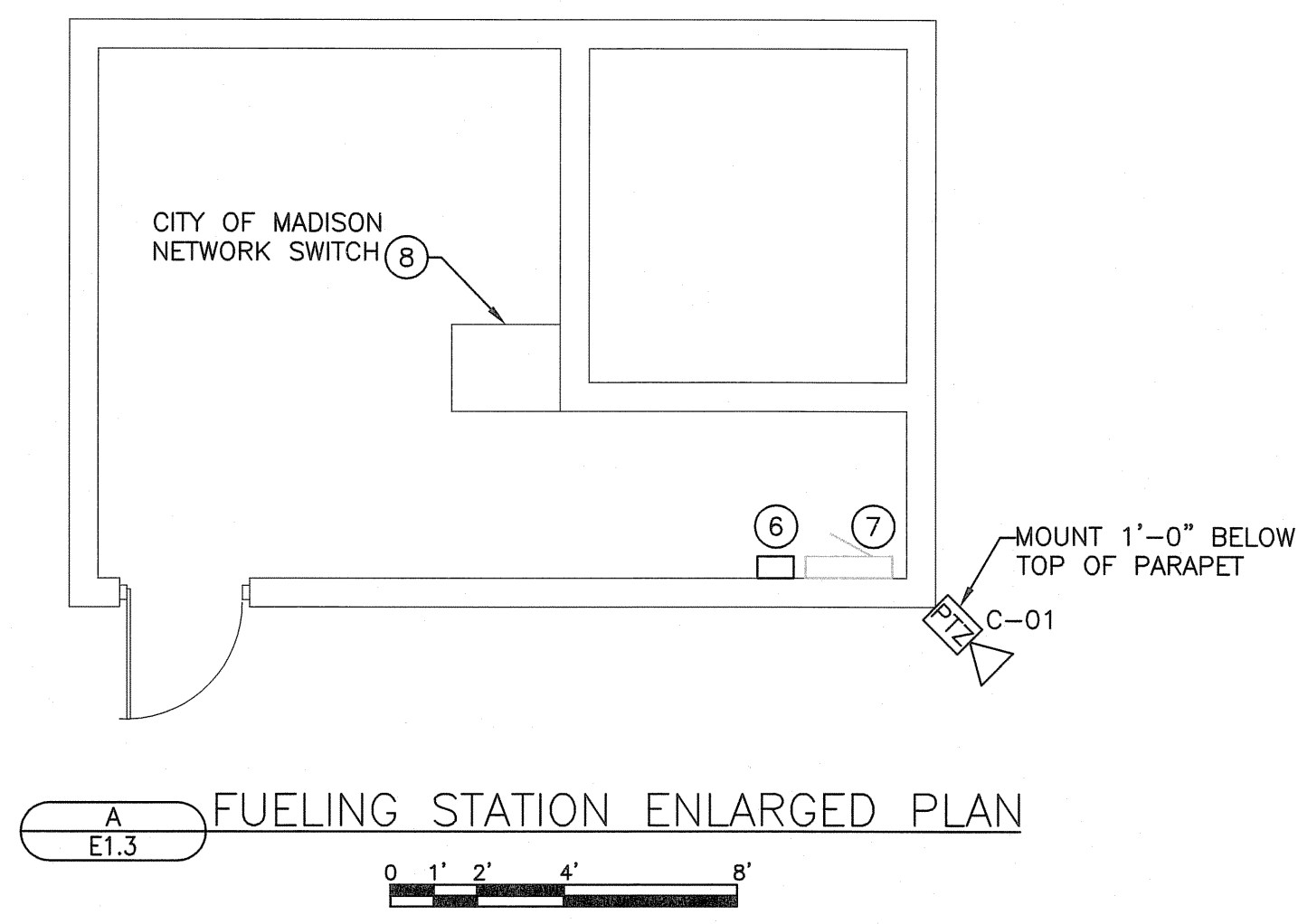
NO.	REVISIONS	DATE:

DATE: NOVEMBER, 2007
 DES BY: GPH
 CHK BY: BMS
 RECORD DRAWING
 BY:
 DATE:
 CONTRACTOR:

FIRST FLOOR POWER AND SYSTEMS PLAN
FLEET SERVICES BUILDING
MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
CITY OF MADISON
COUNTY OF DANE, WISCONSIN



SHEET E1.2



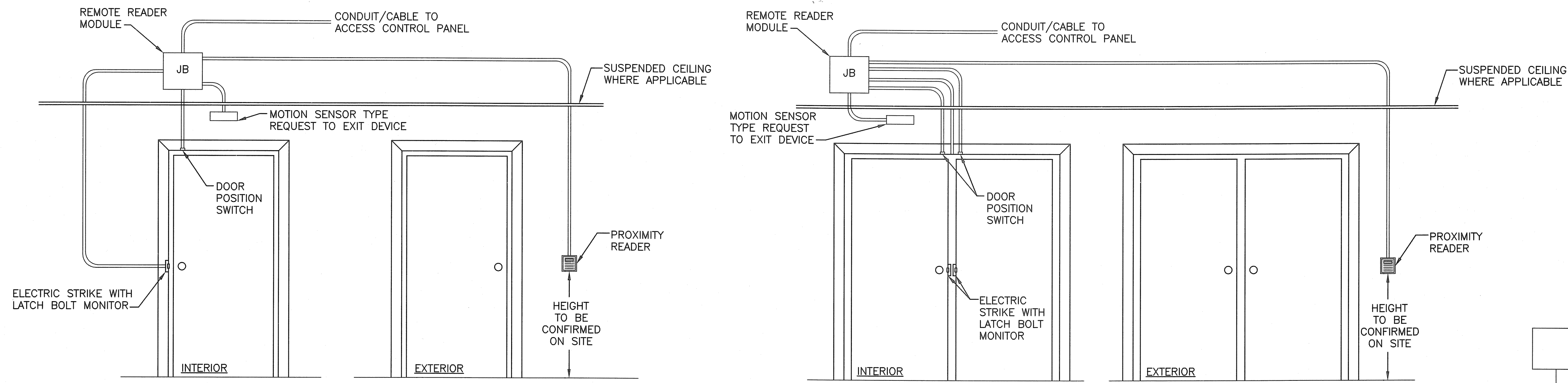
- GENERAL NOTES:**
1. ALL ACCESS CONTROL SYSTEM COMPONENTS SHALL BE POWERED THROUGH AND CONTROLLED FROM THE ACCESS CONTROL SYSTEM CONTROL PANEL.
 2. REFER TO SHEET E5.1 FOR TYPICAL DOOR ACCESS CONTROL WIRING.
 3. REFER TO SHEET D1.1 FOR ELECTRICAL DEMOLITION REQUIRED.
 4. ELECTRICAL DEVICES LOCATED ON EXISTING MASONRY WALLS IN FINISHED SPACES SHALL BE FED FROM ABOVE THE CEILING AS SHOWN IN DETAIL D/E5.1 USING SURFACE MOUNTED RACEWAY. ELECTRICAL DEVICES LOCATED ON EXISTING GYPSUM BOARD WALLS SHALL BE RECESSED IN THE EXISTING WALL AND FED FROM ABOVE THE CEILING USING ENT TYPE RACEWAY. REFER TO DETAIL E/E5.1 FOR RECESSED DEVICE MOUNTING.
 5. PENETRATIONS THROUGH EXISTING GYPSUM BOARD WALLS SHALL BE SEALED TO MATCH THE FIRE RATING OF THE EXISTING WALLS.
 6. CONTRACTOR SHALL PROVIDE NAC PANELS AS REQUIRED TO POWER FAS ANNUNCIATION DEVICES. CONTRACTOR SHALL PROVIDE A DEDICATED 20 AMP, 120V CIRCUIT BREAKER, WIRE, AND CONDUIT TO POWER EACH NAC PANEL. PROVIDE A SMOKE DETECTOR OVER ALL NAC LOCATIONS. COORDINATE NAC PANEL LOCATIONS WITH OWNER PRIOR TO SUBMITTING VOLTAGE DROP CALCULATIONS.

- KEY NOTES:**
- ① PROVIDE TWO DEDICATED PHONE LINES TO THE FACP FOR REMOTE MONITORING. COORDINATE ACTIVATION OF NEW PHONE LINES WITH THE OWNER.
 - ② FIRE ALARM CONTROL PANEL SHALL BE FED FROM A DEDICATED 20 AMP SINGLE POLE CIRCUIT BREAKER RED IN COLOR. CIRCUIT BREAKER SHALL BE PERMANENTLY LABELED FACP. PROVIDE A NEW CIRCUIT BREAKER IN EXISTING PANEL LP-K.
 - ③ PROVIDE TWO DEDICATED 20 AMP SINGLE POLE CIRCUIT BREAKER IN EXISTING PANEL LP-K TO POWER THE BUILDING MANAGEMENT AND ACCESS CONTROL SYSTEM.
 - ④ RECEPTACLES SHALL BE ORANGE IN COLOR AND HAVE A GREEN ISOLATED GROUND TRIANGLE SYMBOL. PROVIDE A DEDICATED 20 AMP SINGLE POLE CIRCUIT BREAKER WITH ISOLATED GROUND IN EXISTING PANEL LP-K TO POWER BOTH NEW RECEPTACLES.
 - ⑤ EXISTING PANEL LP-K IS A 120/208 VOLT, 3 PHASE, 4 WIRE PANEL, MANUFACTURED BY SIEMENS, SERIAL NO. 86-48310, CATALOG NO. PIC42ML250CTS. PROVIDE ONE 20 AMP SINGLE POLE CIRCUIT BREAKER IN THIS PANEL FOR ROOF TOP RECEPTACLE.
 - ⑥ PROVIDE A NEMA 1 JUNCTION BOX SIZED APPROPRIATELY TO HOUSE VIDEO SURVEILLANCE CAMERA POWER SUPPLY. PROVIDE 2~#12, #12 GRD IN 3/4" FROM POWER SUPPLY TO VIDEO CAMERA. JUNCTION BOX SHALL BE LOCATED 6'-0" AFF.
 - ⑦ VIDEO SURVEILLANCE CAMERA POWER SUPPLY SHALL BE POWERED BY THE SPARE 20 AMP SINGLE POLE CIRCUIT BREAKER ON CIRCUIT 10 IN THIS PANEL.
 - ⑧ REFER TO VIDEO SURVEILLANCE SYSTEM ONE-LINE DIAGRAM, DETAIL B/E5.1 FOR SYSTEM COMPONENTS TO BE INSTALLED IN THIS CABINET. ALL SYSTEM WIRING FROM THIS CABINET TO THE CAMERA SHALL BE INSTALLED IN CONDUIT.
 - ⑨ REFER TO VIDEO SURVEILLANCE SYSTEM ONE-LINE DIAGRAM, DETAIL B/E5.1 FOR SYSTEM COMPONENTS TO BE INSTALLED IN THIS RACK.
 - ⑩ PROVIDE 4~#14 IN 3/4" FROM FACP TO BUILDING MANAGEMENT SYSTEM PANEL FOR MONITORING FAS ALARM AND TROUBLE CONDITIONS.
 - ⑪ PROVIDE ONE DEDICATED PHONE LINE TO THE ACCESS CONTROL SYSTEM ALARM DIALER. COORDINATE ACTIVATION OF NEW PHONE LINE WITH THE OWNER.
 - ⑫ DATA CONNECTION SHALL BE TERMINATED AT THE PATCH PANEL IN THIS ROOM.

DATE:	NOVEMBER, 2007
DES BY:	OPH
CHK BY:	BMS
RECORD DRAWING	
BY:	
DATE:	
CONTRACTOR:	

SECOND FLOOR SYSTEMS PLAN AND ENLARGED DETAIL PLANS
FLEET SERVICES BUILDING
MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
CITY OF MADISON
COUNTY OF DANE, WISCONSIN

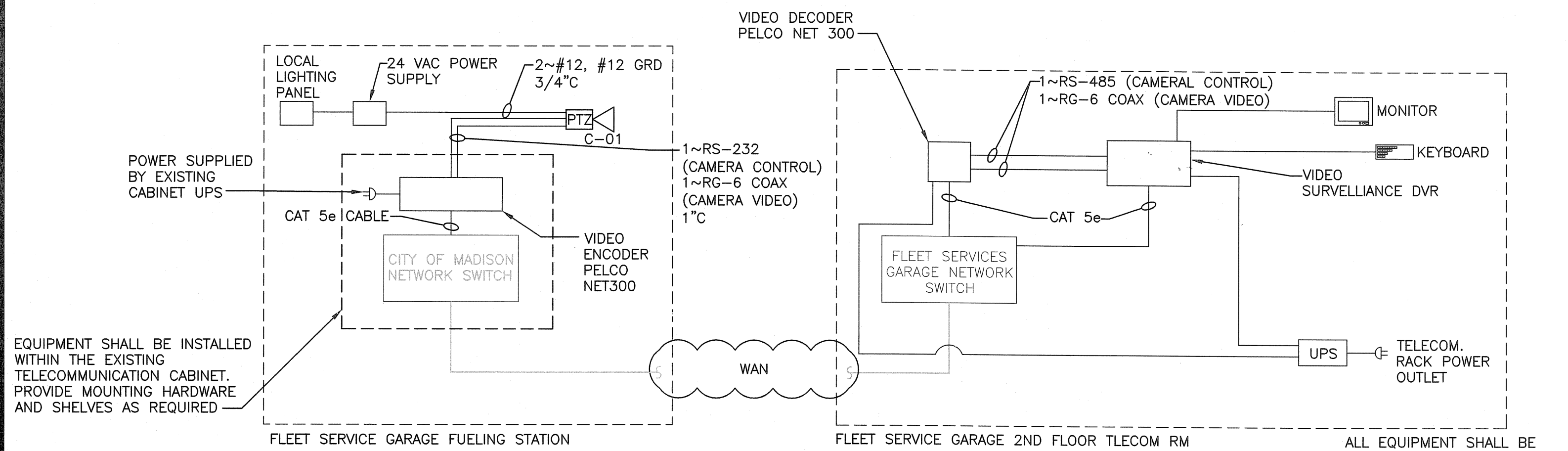




NOTES:

- 1. ALL CONDUITS SHALL BE RECESSED IN WALLS IN FINISHED AREAS UNLESS NOTED OTHERWISE.

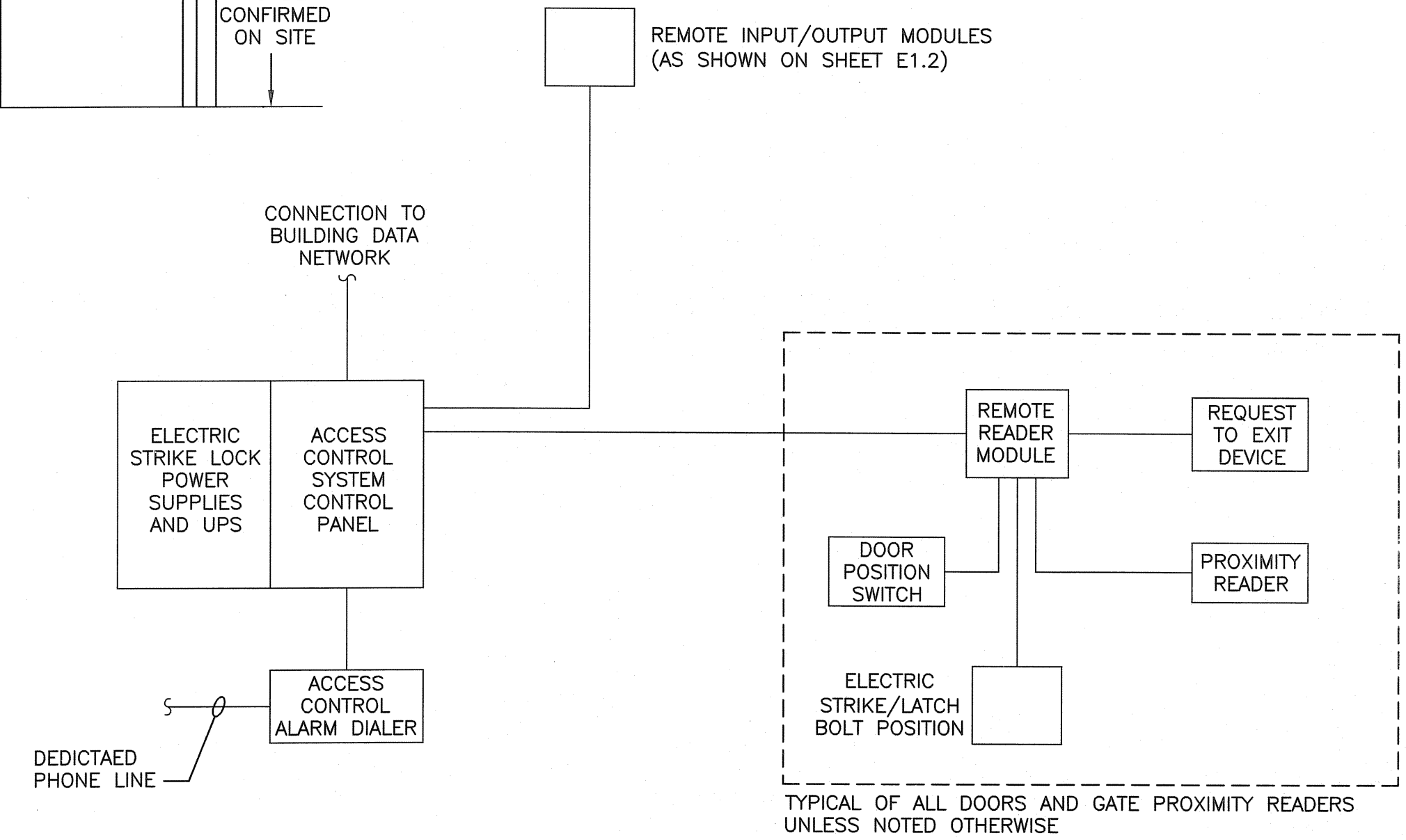
A SINGLE AND DOUBLE DOOR SECURITY DEVICE MOUNTING DETAIL
E5.1 NO SCALE



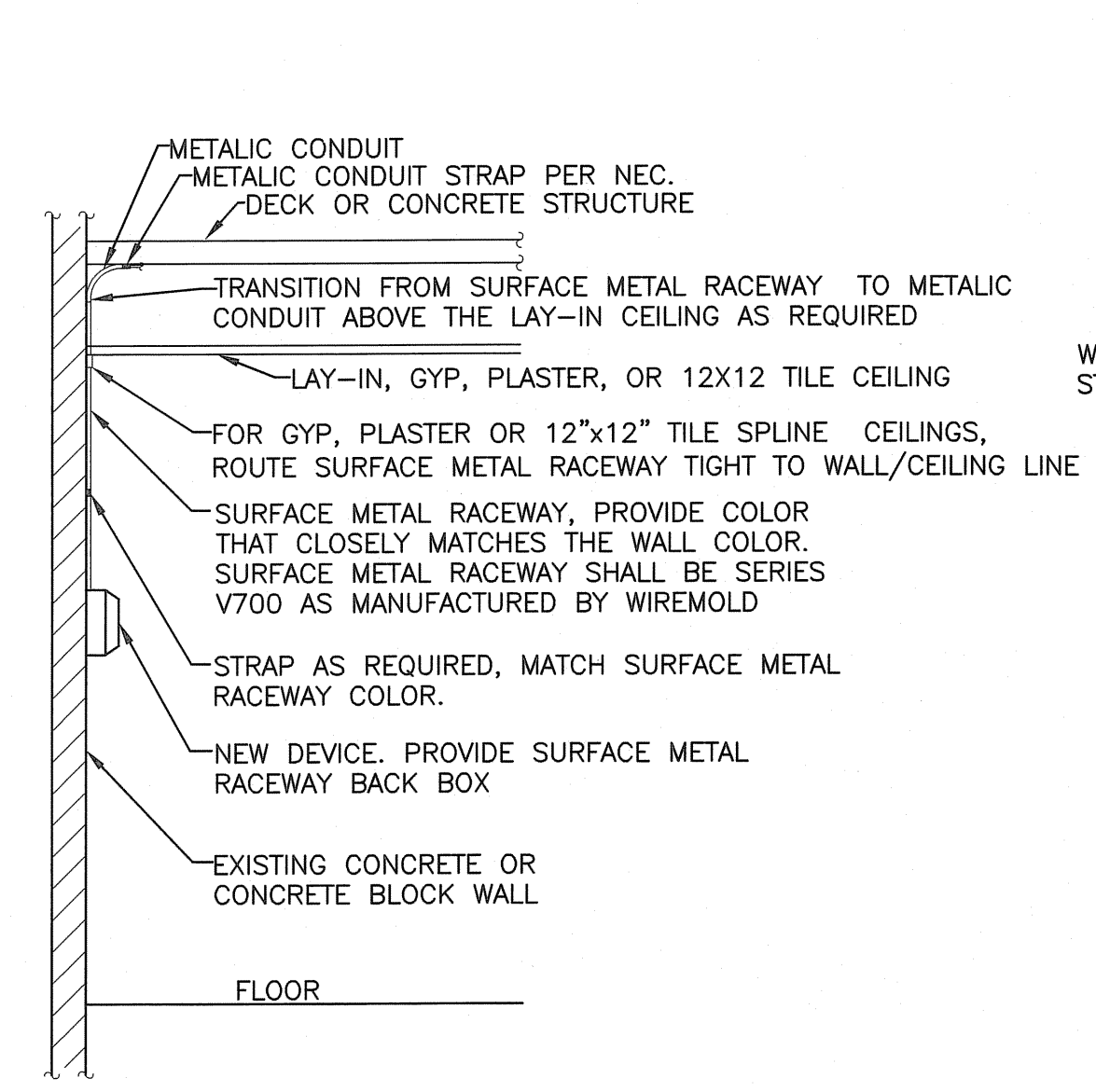
EQUIPMENT SHALL BE INSTALLED WITHIN THE EXISTING TELECOMMUNICATION CABINET. PROVIDE MOUNTING HARDWARE AND SHELVES AS REQUIRED

ALL EQUIPMENT SHALL BE MOUNTED IN THE EXISTING TELECOMMUNICATION RACK. PROVIDE MOUNTING HARDWARE AND SHELVES AS REQUIRED

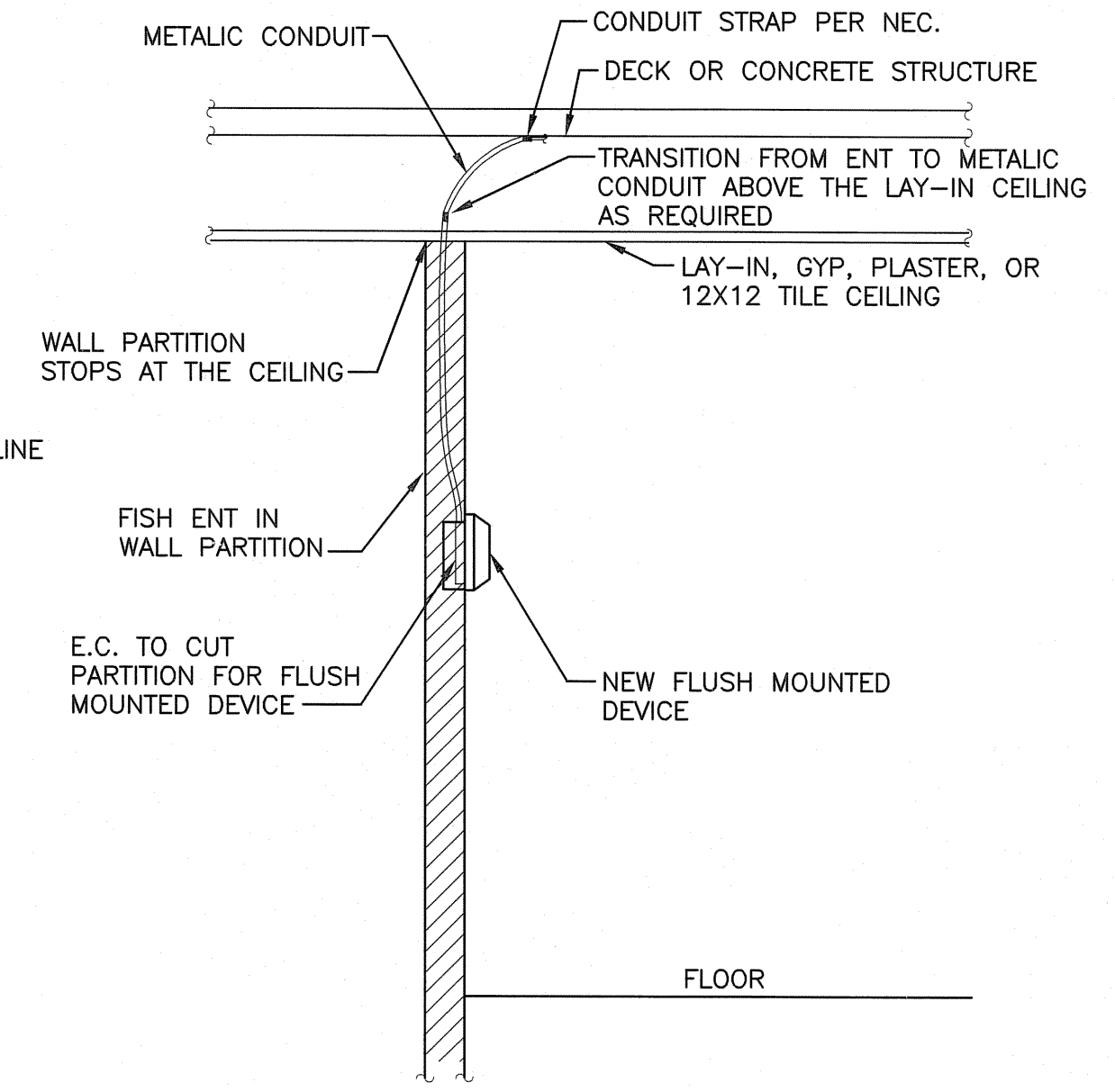
B VIDEO SURVEILLANCE SYSTEM ONE-LINE DIAGRAM
E5.1 NO SCALE



C ACCESS CONTROL SYSTEM ONE-LINE DIAGRAM
E5.1 NO SCALE



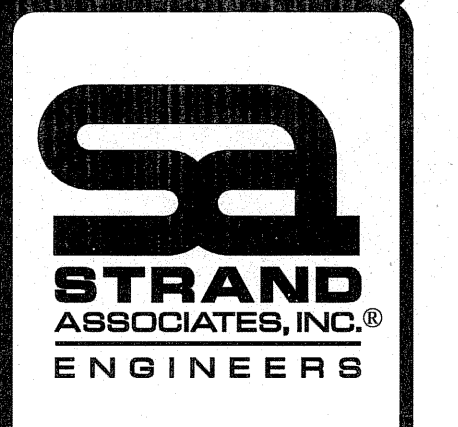
D SURFACE MOUNTED DEVICE ON EXISTING CMU WALLS
E5.1 NO SCALE



E RECESS MOUNTED DEVICE IN EXISTING PARTITION WALLS
E5.1 NO SCALE

DATE:	
REVISIONS	
NO.	
DATE: NOVEMBER, 2007	DES BY: CPH
	CHK BY: BMS
	RECORD DRAWING
BY:	DATE:
CONTRACTOR:	

ELECTRICAL DETAILS - 1
FLEET SERVICES BUILDING
MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
CITY OF MADISON
COUNTY OF DANE, WISCONSIN



FIRE PROTECTION SYMBOLS

- UPRIGHT SPRINKLER
- PENDANT SPRINKLER
- SPRINKLER, WITH GUARD
- SIDEWALL SPRINKLER
- OUTSIDE SPRINKLER
- FULLY SPRINKLERED SPACE, ZONE
- PARTIALLY SPRINKLERED SPACE, ZONE
- NONSPRINKLERED SPACE
- CONCEALED SPRINKLER
- DRY SPRINKLER
- DOOR HOLDER
- FIRE-FIGHTING EQUIPMENT
- AGENT STORAGE CONTAINER, TYPE
- UNDERGROUND VALVE, NRS
- PRESSURE GAUGE
- FIRE EXTINGUISHER
- FIRE HYDRANT, PUBLIC
- FIRE HYDRANT, PRIVATE
- PRIVATE HOUSED HYDRANT - TWO HOSE OUTLET
- DOUBLE CHECK BACKFLOW PREVENTER
- REDUCED PRESSURE BACKFLOW PREVENTER
- POST INDICATOR VALVE - PIV
- OS&Y VALVE - OSY
- DRY PIPE VALVE
- CHECK VALVE
- BUTTERFLY VALVE
- BALL VALVE
- ANGLE VALVE (ANGLE HOSE VALVE)
- MANUAL RELEASE STATION, AGENT TYPE
- ABORT SWITCH
- WATER ALARM BELL
- FIRE DEPARTMENT CONNECTION
- EQUIPMENT TAG
- DRAIN PIPE
- WATERMAIN, PUBLIC
- WATERMAIN, PRIVATE
- FIRE SPRINKLER PIPING

- DRY SPRINKLER PIPING
- TEE DOWN
- TEE UP
- ELBOW DOWN
- ELBOW UP
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- BRANCH DOWN

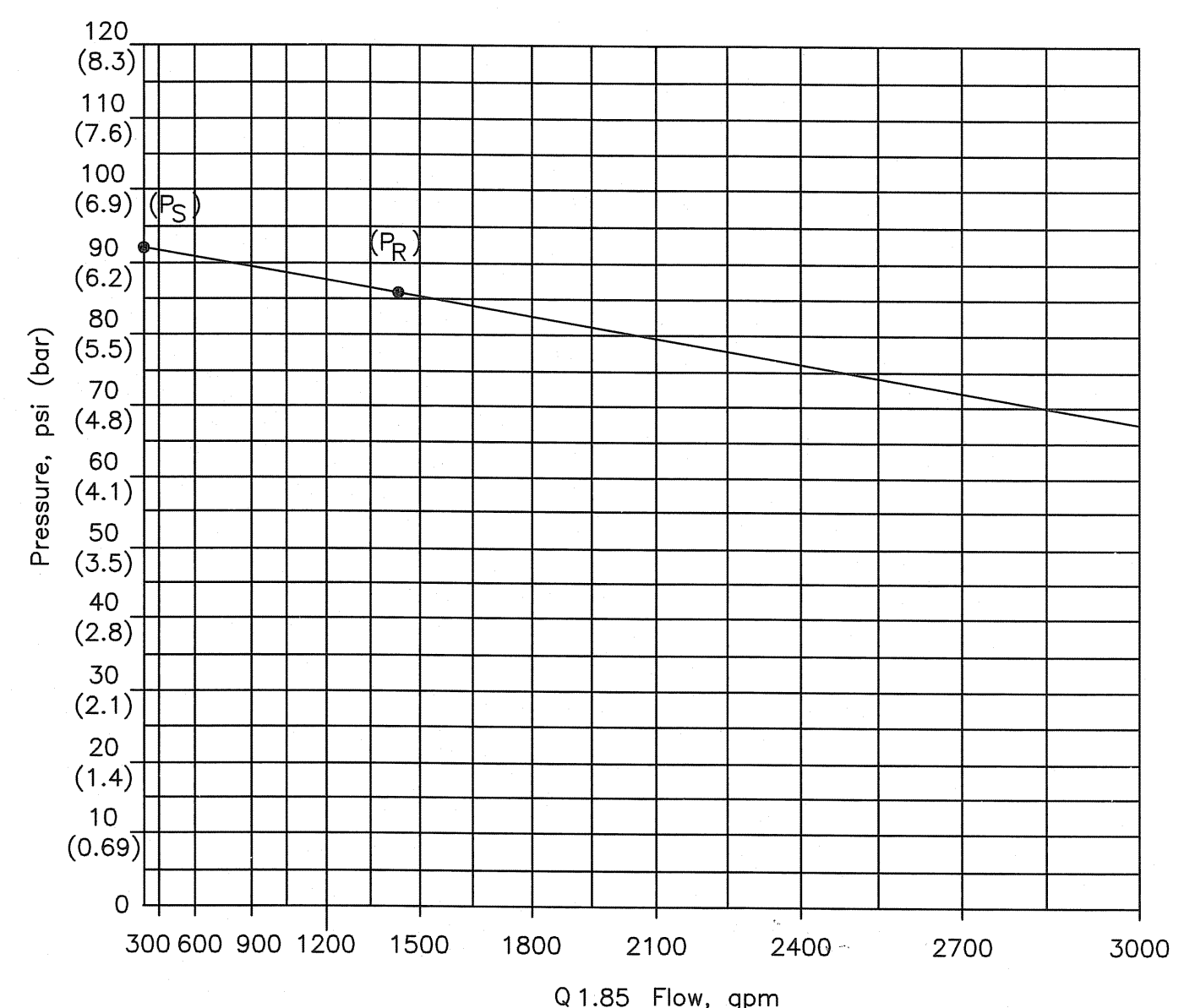
FIRE PROTECTION ABBREVIATIONS

- AHJ-AUTHORITY HAVING JURISDICTION
- CA-CLEAN AGENT
- CO2-CARBON DIOXIDE
- CO-CARBON MONOXIDE
- DISCH-DISCHARGE
- DP-DRY PENDANT SPRINKLERS
- DPV-DRY PIPE VALVE
- ECH-EXTENDED COVERAGE HEAD
- ESFR-EARLY SUPPRESSION FAST RESPONSE
- FE-FIRE EXTINGUISHER
- FH-FIRE HYDRANT
- FDV-FIRE DEPARTMENT VALVE
- FPTC-FIRE PUMP TEST CONNECTION
- FVC-FIRE VALVE CABINET
- FO-FOAM
- NRS-NON RISING STEM
- OS&Y-OUTSIDE SCREW & YOKE
- PIV-POST INDICATOR VALVE
- PRV-PRESSURE REDUCING VALVE
- WC-WET CHEMICAL

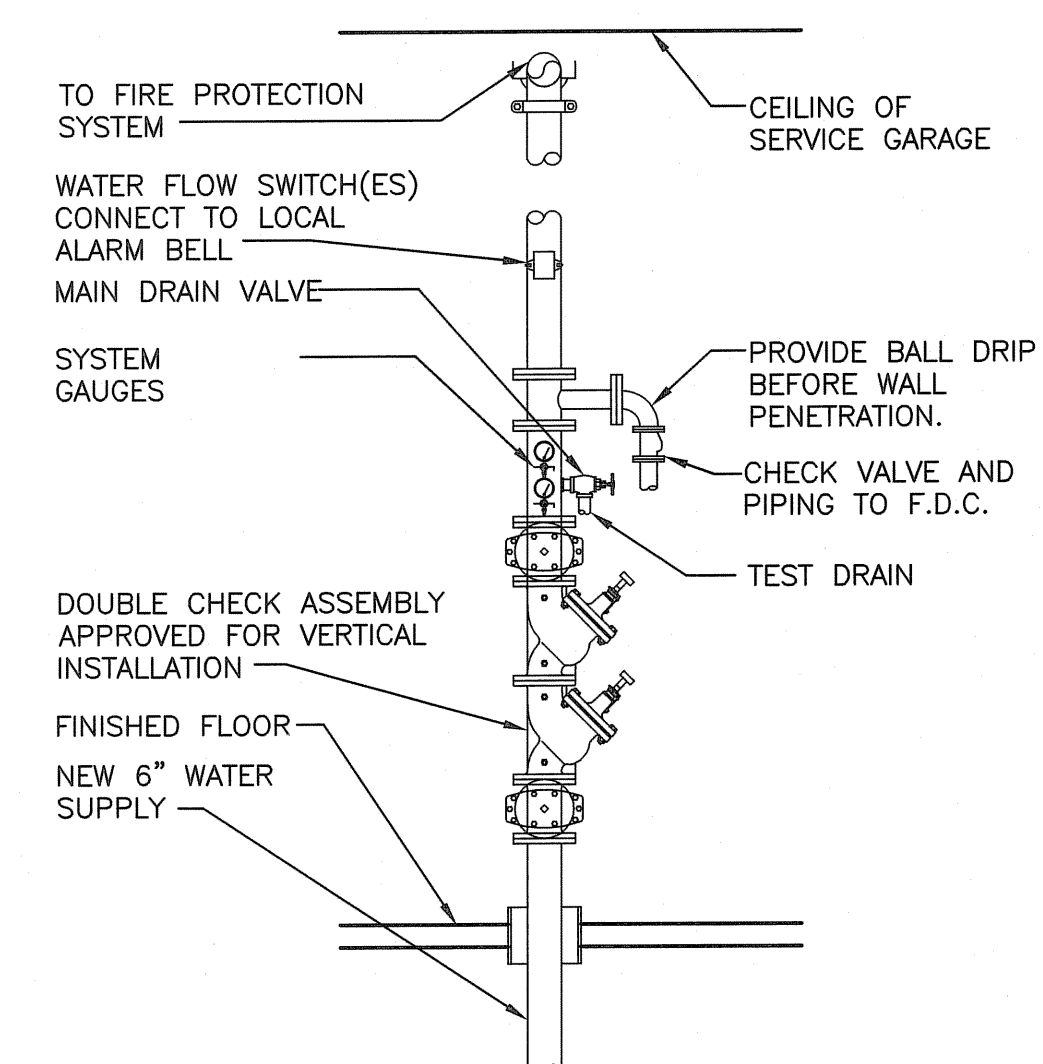
FIRE PROTECTION GENERAL NOTES

1. COORDINATE WITH OTHER TRADES TO ELIMINATE ANY CONFLICTS BETWEEN PIPING, DUCTWORK, ELECTRICAL WORK, ETC.
2. FIRE PROTECTION CONTRACTOR SHALL PROVIDE AN AUTOMATIC SPRINKLER SYSTEM TO PROTECT ALL AREAS OF THE FACILITY.
3. ALL WORK SHALL BE STRICTLY COORDINATED AMONG ALL INDIVIDUAL CONTRACTORS BEFORE ANY WORK IS PERFORMED.
4. VERIFY ALL CEILING HEIGHTS AT SITE, PRIOR TO INSTALLATION.
5. PIPE ROUTING IS SHOWN IN APPROXIMATE LOCATIONS.
6. SPRINKLER CONTRACTOR SHALL PERFORM WATER FLOW TEST AT FIRE HYDRANT PRIOR TO FINAL SPRINKLER DESIGN.
7. PRESSURE TEST OF THE AUTOMATIC SPRINKLER SYSTEM SHALL BE WITNESSED BY THE FIRE DEPARTMENT AND OWNERS INSURANCE AGENCY UNLESS SPECIFICALLY WAIVED. TWO (2) WEEKS WRITTEN ADVANCE NOTICE OF TEST SHALL BE GIVEN.
8. ALL LEAKAGE EVIDENCED BY TESTING SHALL BE REPAIRED BY TIGHTENING OR REPLACING FITTING OR EQUIPMENT ONLY.
9. ALL REPAIRS SHALL BE AT THE CONTRACTORS EXPENSE. CAULKING, WRAPPING OR OTHER MEANS OF REPAIR SHALL NOT BE PERMITTED.
10. ALL DRAIN LINES INCLUDING THE DRAIN FOR THE AUTOMATIC SPRINKLER SYSTEM INSPECTORS TEST VALVE AND THE AUTOMATIC SPRINKLER SYSTEM MAIN DRAIN SHALL BE GALVANIZED STEEL.
11. SEE SPECIFICATION SECTION 15300 FOR ADDITIONAL INFORMATION.
12. ALL PIPE PENETRATIONS THROUGH FLOORS OR WALLS SHALL BE SLEEVED AND SEALED TO MAKE WATERTIGHT AND MAINTAIN FIRE RATING.
13. SPRINKLERS NEAR HEATERS AND LOCATED WITHIN HEATER ZONES AS DEFINED BY NFPA-13, LATEST EDITION, SHALL BE HIGH TEMPERATURE RATED.
14. ALL VALVE SUPERVISORY SWITCHES AND WATER FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION CONTRACTOR AND WIRED BY THE ELECTRICAL CONTRACTOR.
15. THE COMPLETE INSTALLATION AND TESTING OF THE AUTOMATIC SPRINKLER SYSTEM SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF NFPA.
16. CONTRACTOR SHALL PROVIDE ACCESSIBILITY TO ALL VALVES AND CONTROL DEVICES. FURNISH ACCESS PANELS WHERE SHOWN OR REQUIRED FOR ACCESS TO ALL CONCEALED VALVES OR OTHER EQUIPMENT FURNISHED UNDER THIS CONTRACT WHERE NO OTHER MEANS IS PROVIDED.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ALL REQUIRED PIPING OFFSETS FOR COMPLETE SYSTEM INSTALLATION.
18. DRAWING INTENT IS TO INDICATE GENERAL ARRANGEMENT, DESIGN AND INTENT OF WORK, AND IS PARTIALLY DIAGRAMMATIC. DRAWING SHALL NOT BE SCALED.
19. ALL REQUIRED SPRINKLERS MAY NOT BE SHOWN. SPRINKLERS ARE SHOWN FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL SPRINKLERS WHERE REQUIRED BY NFPA 13.
20. SPRINKLER COVERAGE TO INCLUDE AREAS BELOW ALL OBSTRUCTIONS OVER 4'-0" WIDE (I.E. DUCTWORK, OVERHEAD ROLL-UP DOORS, STAIRS, RAMPS, ETC.)

DATE TESTED: 6/19/07
 MODEL ELEVATION (CITY OF MADISON DATUM): 3.9
 FINISHED FLOOR ELEVATION:
 STATIC PRESSURE (P_S): 92
 RESIDUAL PRESSURE (P_R): 86
 FLOW: 1455 GPM



A HYDRANT H014 - FLOW AND PRESSURE RECORD
 FP0.1 NO SCALE



NOTE: SUPPORT PIPING AS NECESSARY FROM FLOOR OR WALL.

B SPRINKLER RISER
 FP0.1 NO SCALE

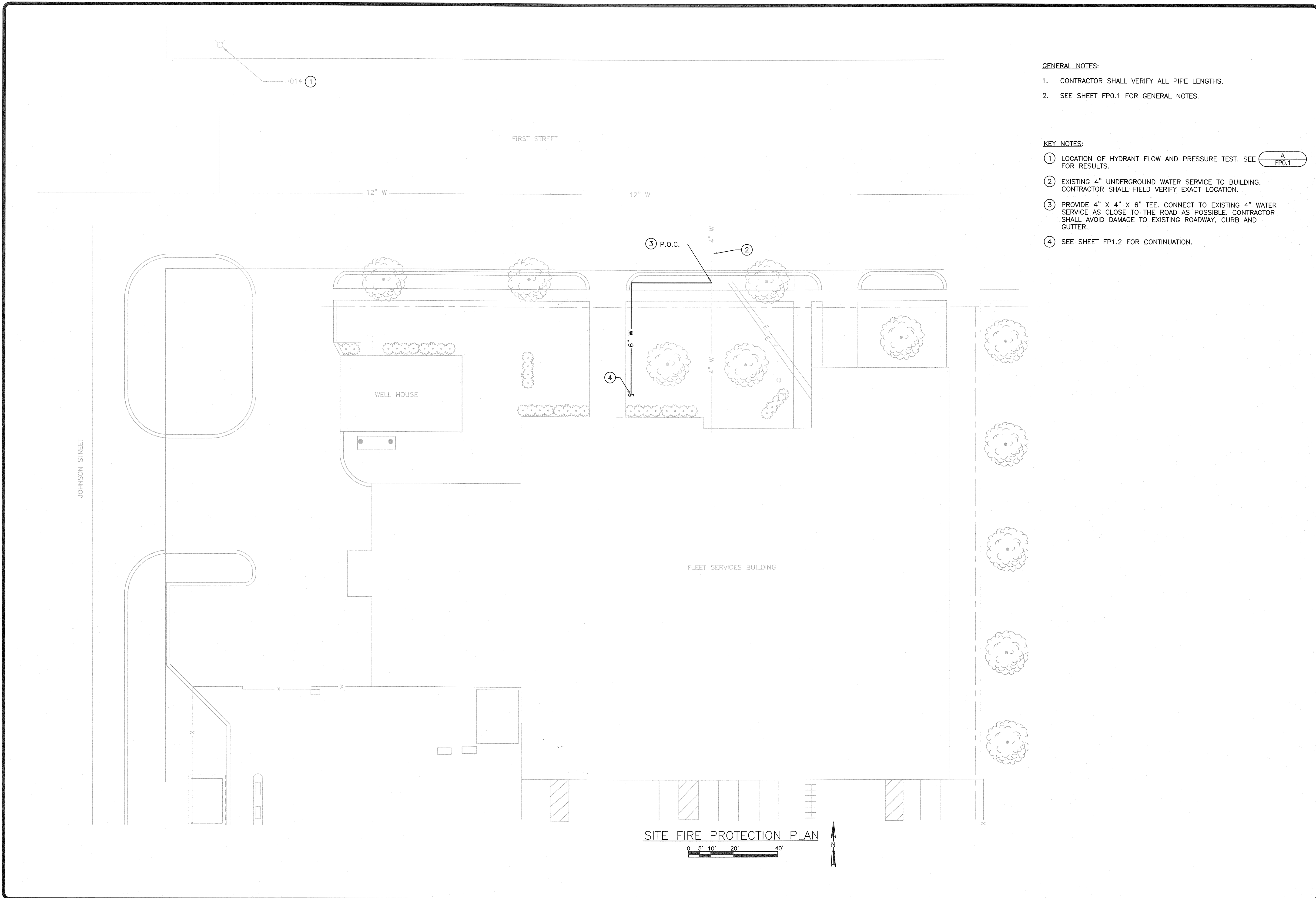
NO.	REVISIONS	DATE:

DATE: NOVEMBER, 2007
 DES BY: NLB CHK BY: BTM
 RECORD DRAWING
 BY: DATE: CONTRACTOR:

FIRE PROTECTION SYMBOLS, DETAILS AND ABBREVIATIONS
 FLEET SERVICES BUILDING
 MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
 CITY OF MADISON
 COUNTY OF DANE, WISCONSIN

STRAND ASSOCIATES, INC. ENGINEERS

SHEET
FP0.1
 JOB NO. 1-020-033



GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL PIPE LENGTHS.
2. SEE SHEET FP0.1 FOR GENERAL NOTES.

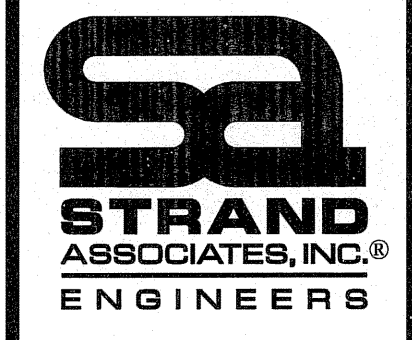
KEY NOTES:

- ① LOCATION OF HYDRANT FLOW AND PRESSURE TEST. SEE A
FP0.1 FOR RESULTS.
- ② EXISTING 4" UNDERGROUND WATER SERVICE TO BUILDING. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION.
- ③ PROVIDE 4" X 4" X 6" TEE. CONNECT TO EXISTING 4" WATER SERVICE AS CLOSE TO THE ROAD AS POSSIBLE. CONTRACTOR SHALL AVOID DAMAGE TO EXISTING ROADWAY, CURB AND GUTTER.
- ④ SEE SHEET FP1.2 FOR CONTINUATION.

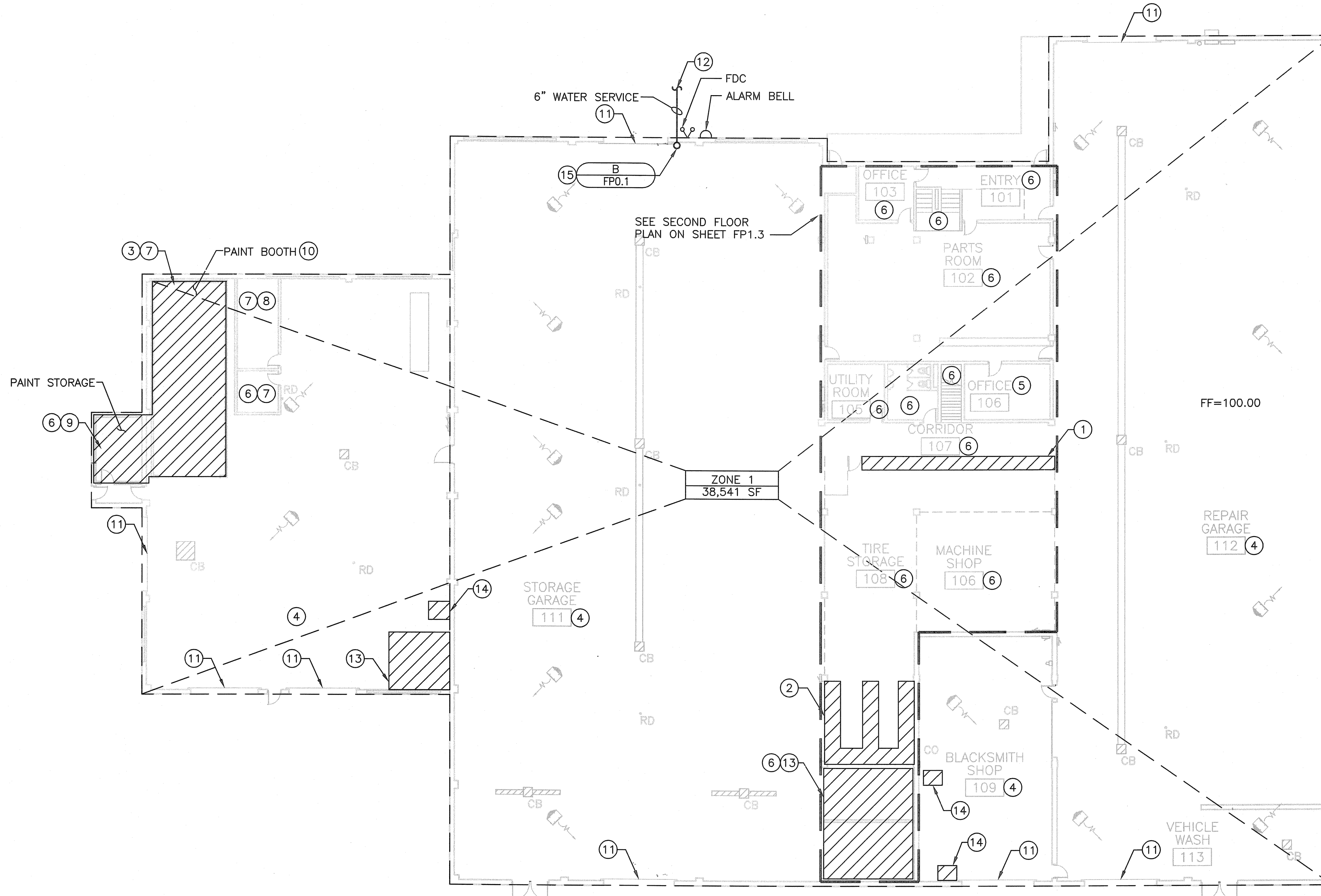
NO.	REVISIONS	DATE:

DATE: NOVEMBER, 2007
 DES BY: NLB CHK BY: BTM
 RECORD DRAWING
 BY: DATE:
 CONTRACTOR:

FIRE PROTECTION SITE PLAN
 FLEET SERVICES BUILDING
 MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
 CITY OF MADISON
 COUNTY OF DANE, WISCONSIN

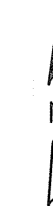


SHEET
FP1.1
 JOB NO. 1-020-033



FIRST FLOOR FIRE PROTECTION PLAN

0 4' 8' 16' 32'



GENERAL NOTES:

1. SEE SHEET FP0.1 FOR GENERAL NOTES.

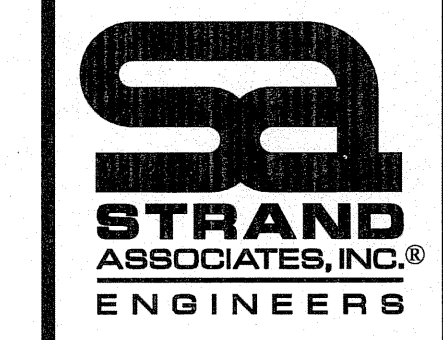
KEY NOTES:

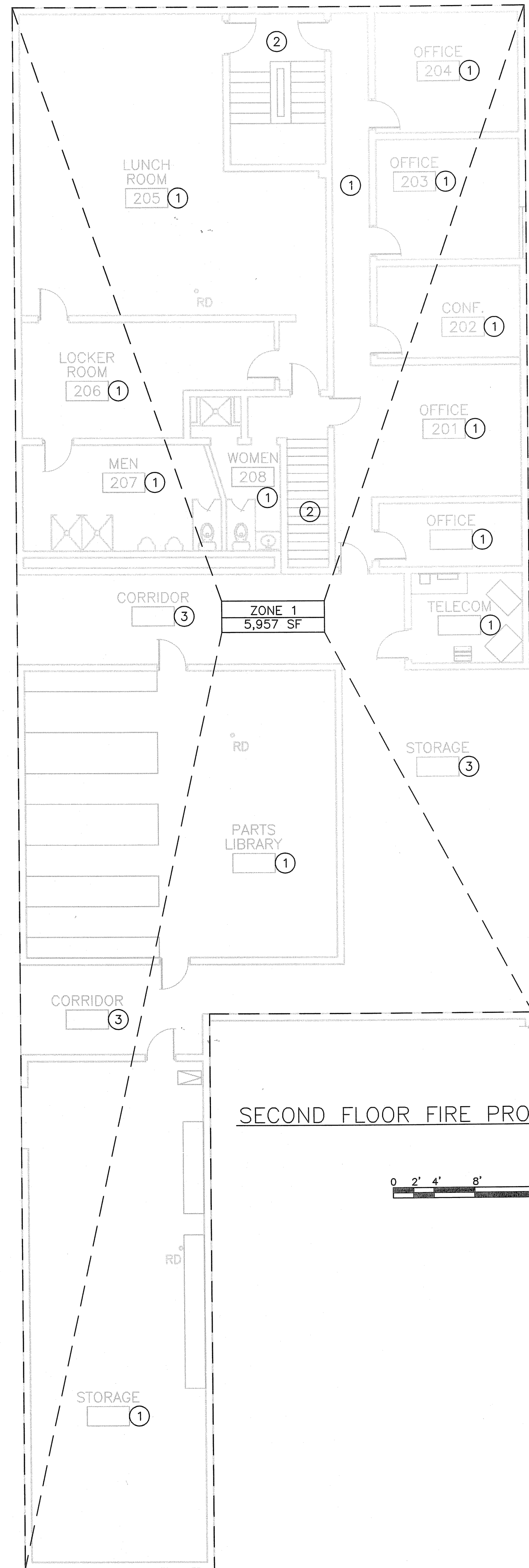
- ① TIRE STORAGE. RACKS ARE ONE TIRE DEEP AND TWO TIRES TALL. TIRES STORED ON TREAD. PROVIDE SPRINKLER COVERAGE ACCORDING TO NFPA 13 SECTION 12.4.
- ② TIRE STORAGE. RACKS ARE ONE TIRE DEEP AND THREE TIRES TALL. TIRES STORED ON TREAD. PROVIDE SPRINKLER COVERAGE ACCORDING TO NFPA 13 SECTION 12.4.
- ③ LOCATION OF EXISTING FIRE PROTECTION SYSTEM.
- ④ CEILING IS OPEN TO JOISTS AND METAL DECK.
- ⑤ CEILING IS ACOUSTIC TILE. CENTER SPRINKLER HEADS IN TILE.
- ⑥ CEILING IS PLASTER OR DRYWALL. FIRE PROTECTION PIPING SHALL BE EXPOSED AND ROUTED AS TIGHT TO CEILING AS POSSIBLE. FIRE PROTECTION CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SYSTEM DESIGN.
- ⑦ CEILING OF THIS SPACE IS NOT EQUAL TO ROOF HEIGHT. OPEN TO JOISTS AND METAL DECK ROOF ABOVE THIS SPACE. PROVIDE SPRINKLERS IN THIS SPACE AS WELL AS ABOVE THIS SPACE.
- ⑧ CEILING IS OPEN WOOD JOISTS.
- ⑨ THREE EXISTING SPRINKLER HEADS IN THIS ROOM.
- ⑩ EIGHT EXISTING SPRINKLER HEADS IN THIS ROOM.
- ⑪ LOCATION OF OVERHEAD ROLL-UP DOOR.
- ⑫ SEE SHEET FP1.1 FOR CONTINUATION.
- ⑬ BULK STORAGE OF MOTOR OIL. PROVIDE SPRINKLER PROTECTION ACCORDING TO NFPA 13 SECTION 13.2.
- ⑭ COMPRESSED GAS CYLINDER STORAGE. PROVIDE SPRINKLER PROTECTION ACCORDING TO NFPA 13 SECTION 13.11.
- ⑮ COORDINATE WITH PLUMBING CONTRACTOR FOR AVAILABLE WALL SPACE IN THIS AREA.

REVISIONS	DATE:

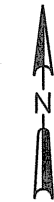
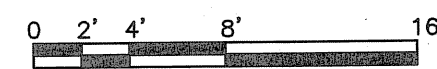
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DATE: NOVEMBER, 2007	DES BY: N/LB
	CHK BY: BTM
	RECORD DRAWING
	BY:
	DATE:
	CONTRACTOR:

FIRST FLOOR FIRE PROTECTION PLAN
 FLEET SERVICES BUILDING
 MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
 CITY OF MADISON
 COUNTY OF DANE, WISCONSIN





SECOND FLOOR FIRE PROTECTION PLAN



GENERAL NOTES:

- SEE SHEET FP0.1 FOR GENERAL NOTES.

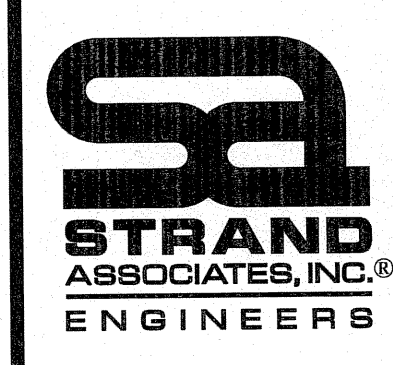
KEY NOTES:

- CEILING IS ACOUSTIC TILE. CENTER SPRINKLER HEADS IN TILE.
- CEILING IS PLASTER OR DRYWALL. FIRE PROTECTION PIPING SHALL BE EXPOSED AND ROUTED AS TIGHT TO CEILING AS POSSIBLE. FIRE PROTECTION CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SYSTEM DESIGN.
- CEILING IS OPEN TO JOISTS AND METAL DECK.

NO.	REVISIONS	DATE:

DATE: NOVEMBER, 2007
 DES BY: NLB CHK BY: BTM
 RECORD DRAWING
 BY: _____ DATE: _____ CONTRACTOR: _____

SECOND FLOOR FIRE PROTECTION PLAN
 FLEET SERVICES BUILDING
 MECHANICAL, FIRE PROTECTION, PLUMBING, AND BUILDING SECURITY MODIFICATIONS
 CITY OF MADISON
 COUNTY OF DANE, WISCONSIN



SHEET
FP1.3
 JOB NO. 1-020-033

EXTERIOR REMODELING OF THE FIRST STREET GARAGE


200 NORTH FIRST STREET


FOR THE CITY OF MADISON MADISON, WISCONSIN


DRAWING INDEX


1.01	Title Drawing
5.01	Maintenance Garage Reference Plans
5.02	Elevations
5.03	Wall Sections and Details
9.01	Electrical Plans

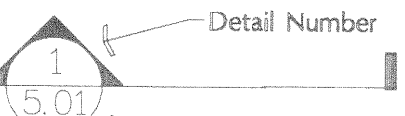
SYMBOLS


WINDOW/IGU TYPE



ROOM NAME AND NUMBER



'OPENING' REFERENCE NUMBER



PARTITION TYPE REFERENCE


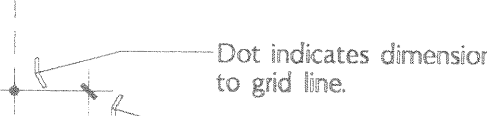
BUILDING SECTION REFERENCE

 Detail Number
 Page Number

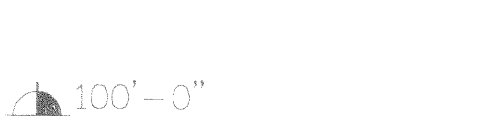
WALL SECTION REFERENCE

 Detail Number
 Page Number


INTERIOR ELEVATION DETAIL

 Detail Number
 Page Number


DETAIL SECTION REFERENCE

 Detail Number
 Page Number

FINISH REFERENCE

 See Finish Schedule

DIMENSIONS

 Dot indicates dimension to grid line.
 Slash indicates dimension to face of object.

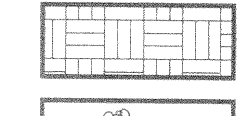
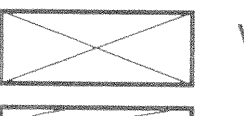
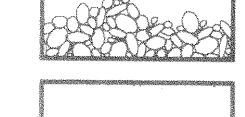
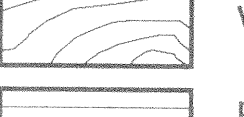
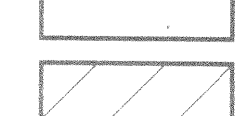
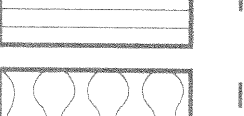

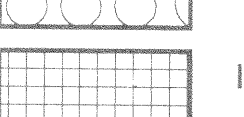
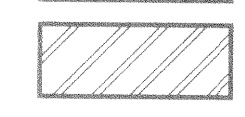
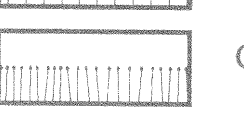


SPOT ELEVATIONS ON PLANS


FLOOR ELEVATION REFERENCE


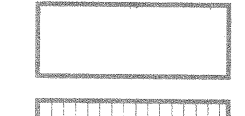
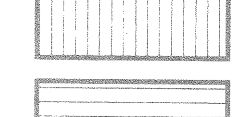

DETAIL PLAN REFERENCE

 Detail Number
 Page Number

MATERIALS

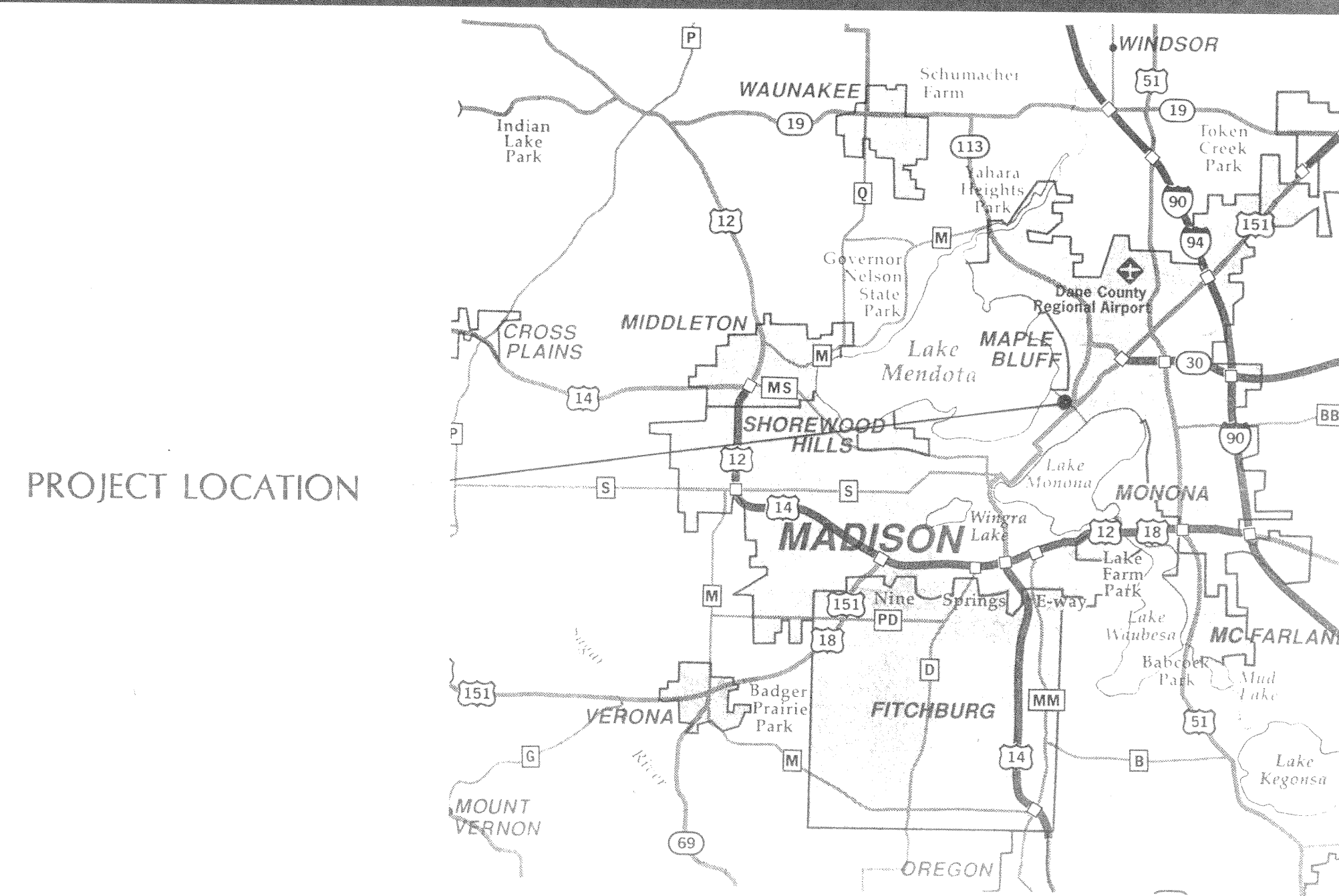
SECTION

	EARTH		WOOD (ROUGH)
	GRANULAR FILL		WOOD (FINISHED)
	GROUT, MORTAR, PLASTER		PLYWOOD
	CONCRETE MASONRY UNIT		INSULATION (BATT)
	BRICK		INSULATION (RIGID)
	METAL		CARPET

ELEVATION

	CONCRETE, PLASTER
	SHEET METAL (LARGE SCALE)
	BRICK

LOCATION MAP



Date Issuance/Revisions

Exterior Remodeling
of the
First Street Garage

City of Madison
Madison, Wisconsin

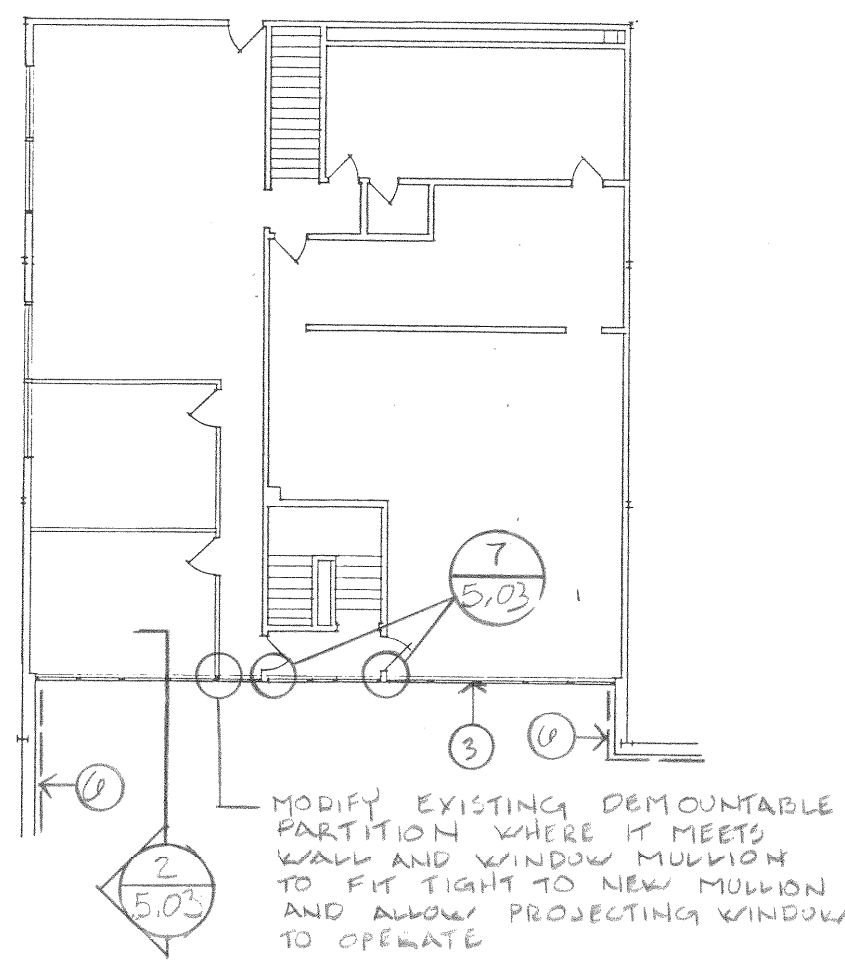
TITLE DRAWING

Project Number
9202601

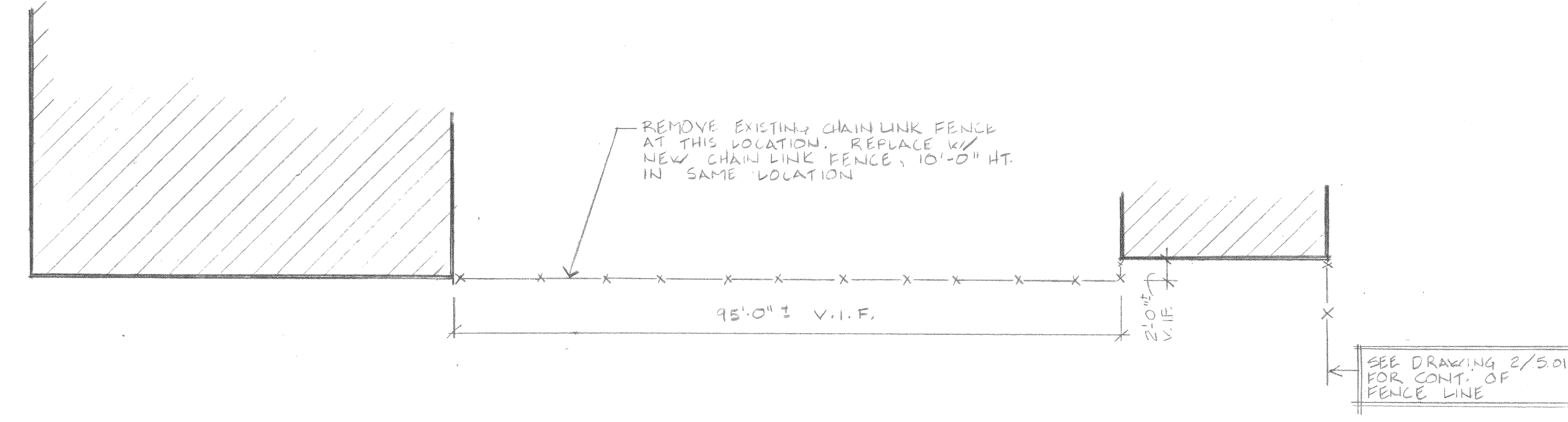
Sheet No.

Drawn By
RF

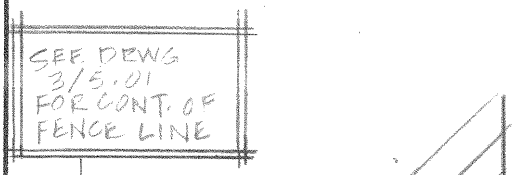
1.01



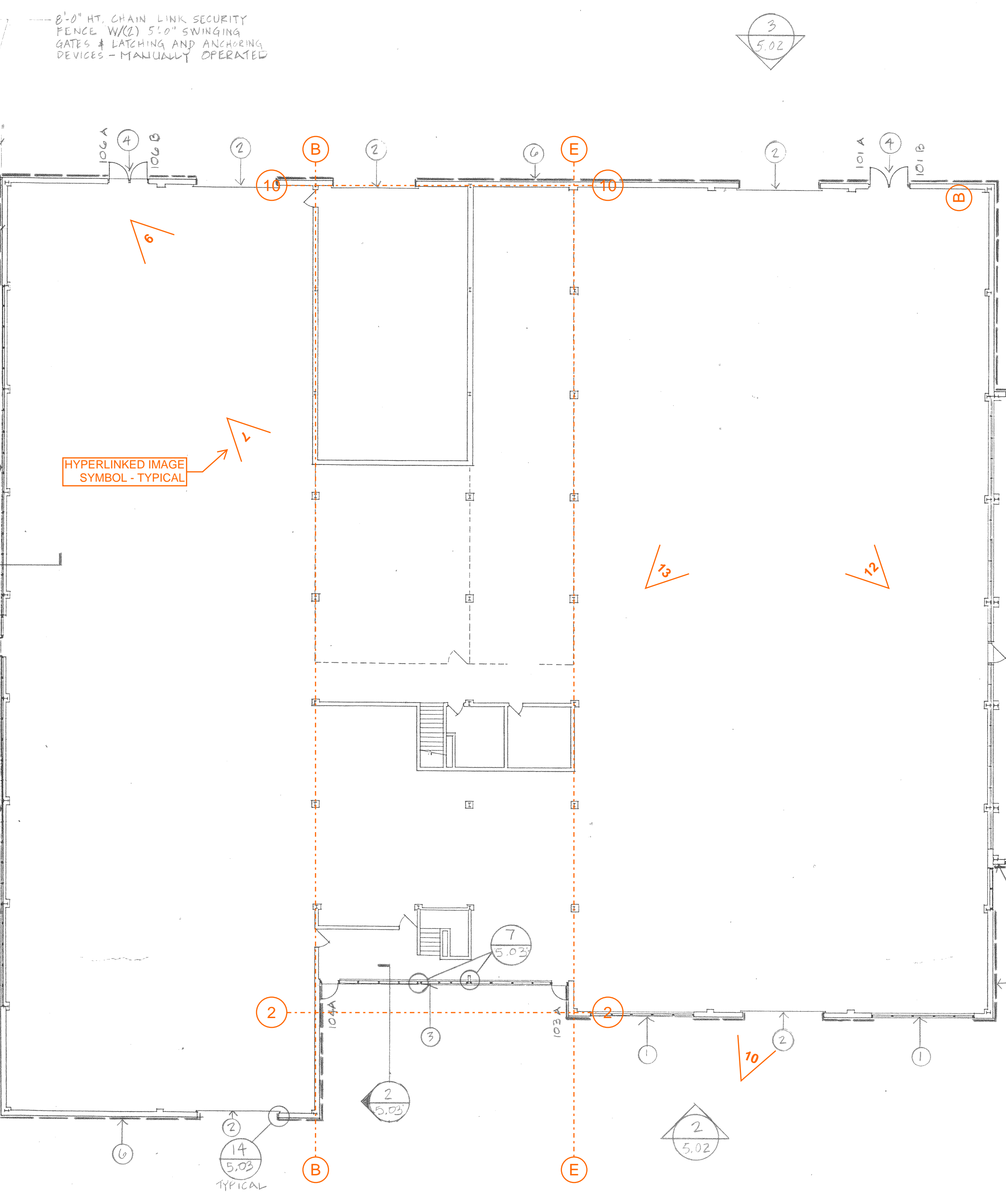
1 PARTIAL SECOND FLOOR REFERENCE PLAN
5.01 NO SCALE



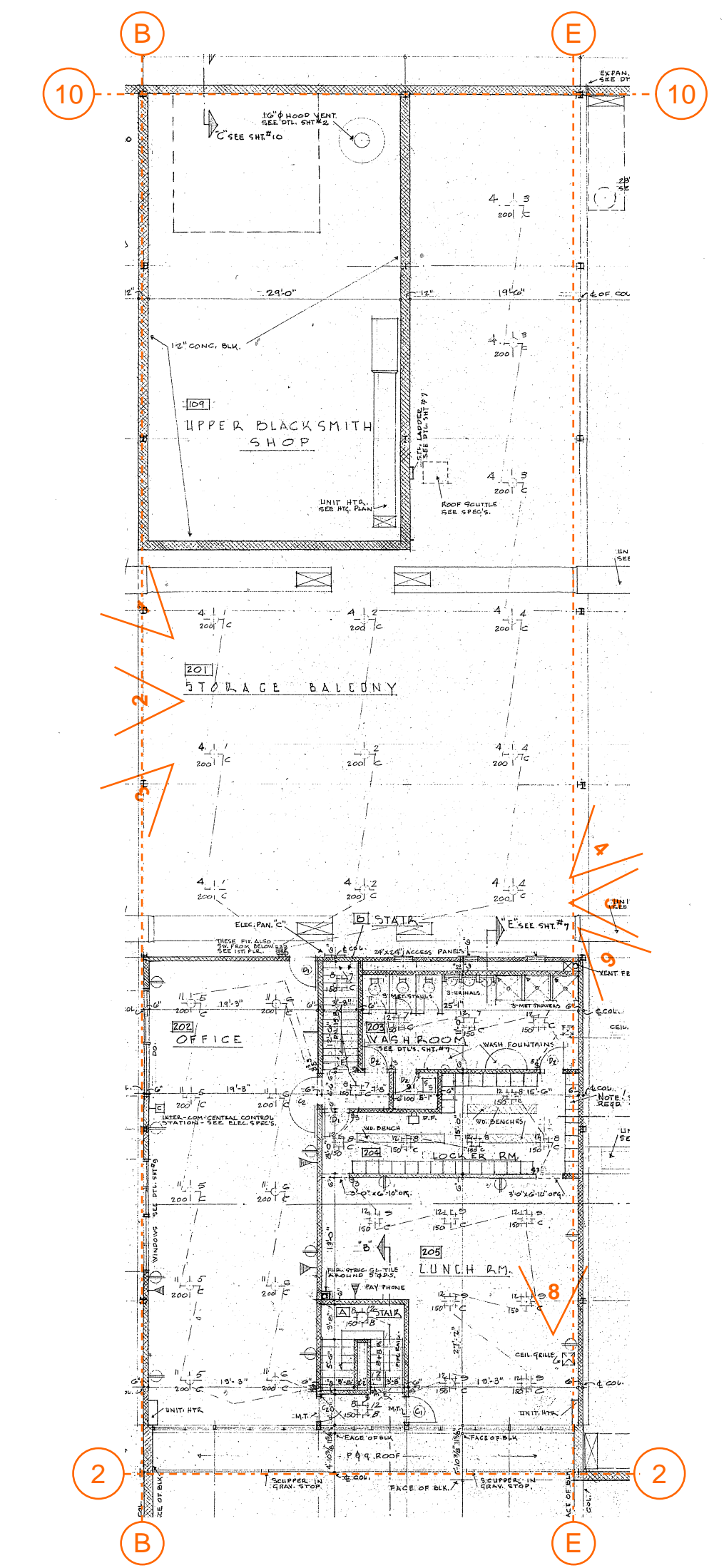
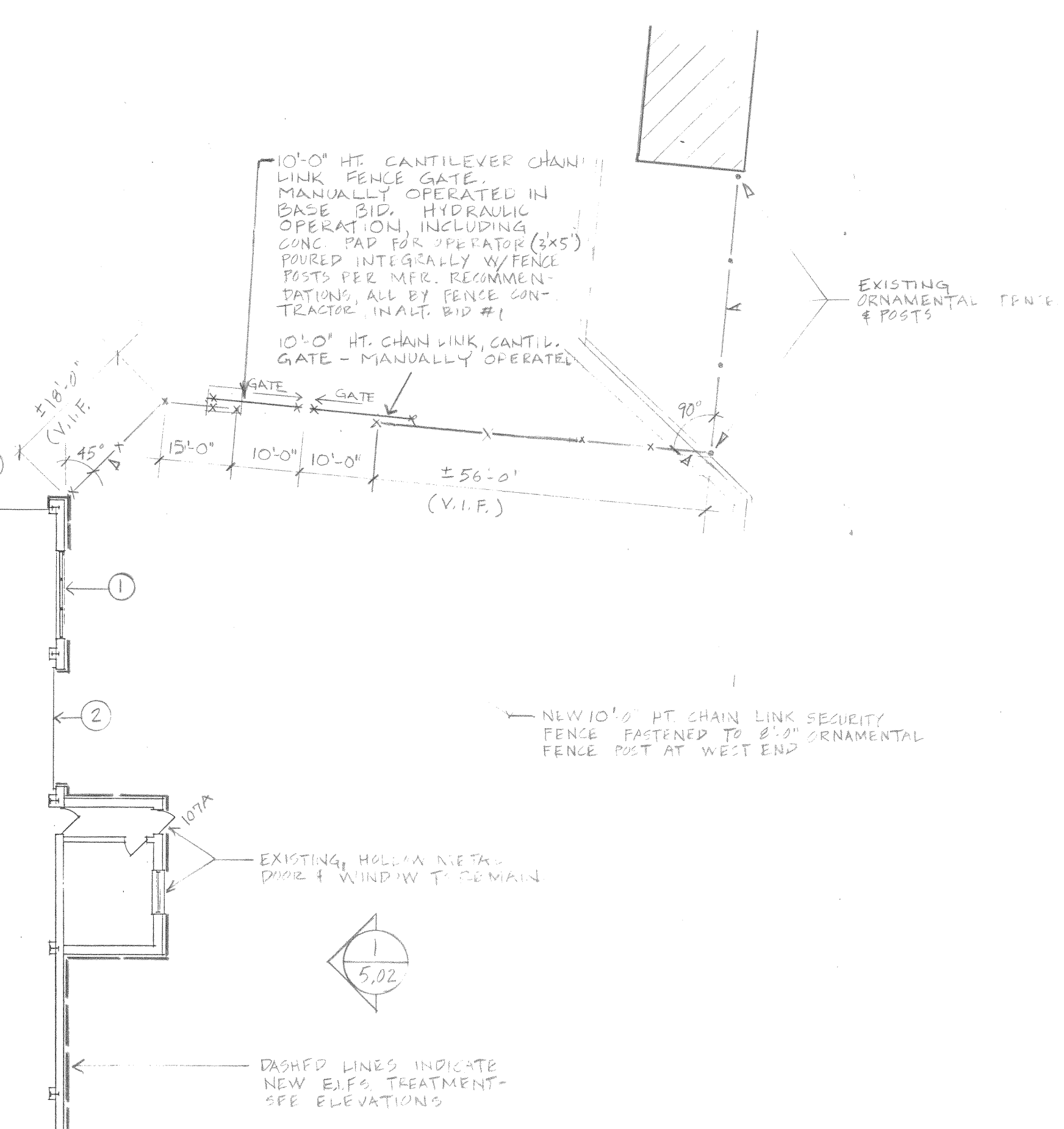
3 EAST FENCE PLAN
5.01 NO SCALE



SEE DWG 2/201 FOR CONT. OF FENCE LINE



2 FIRST FLOOR REFERENCE PLAN
5.01 NO SCALE



SECOND FLOOR REFERENCE PLAN
NO SCALE

- 1 REMOVE EXISTING STEEL SASH WINDOWS - REPLACE W/ NEW TRANSLUCENT WINDOW SYSTEM - SEE WALL SECTION 3/B-5.03 (SEE ALSO ELEVATIONS)
- 2 PAINT EXISTING S.H. DOOR & FRAMES
- 3 REMOVE EXISTING STEEL SASH WINDOWS - REPLACE W/ NEW ALUM. WINDOW SYSTEM - SEE WALL SECTION 2/D-5.03 (SEE ALSO ELEVATIONS)
- 4 REMOVE EXISTING HOLLOW METAL DOOR & FRAMING, REPLACE W/ NEW HOLLOW METAL DOOR & FRAME.
- 5 SEAL CRACKS AT INTERIOR W/ SEALANT & BACKER ROD.
- 6 EIFS SYSTEM W/ 2" RIGID INSULATION

2-1/2" RIGID INSULATION FOR WINDOW DETAIL

Date Issuance / Revisions Symbol

Exterior Remodeling of the First Street Garage
City of Madison
Madison, Wisconsin

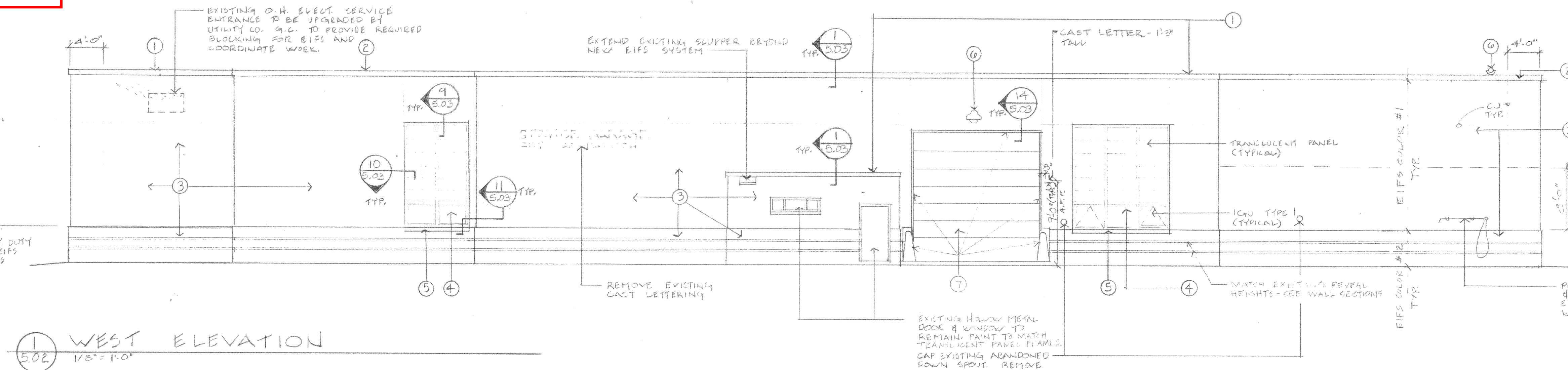
Drawing Title
MAINTENANCE GARAGE REFERENCE PLANS

Project No. 72026.01 Drawing No.
Drawn By MCRP

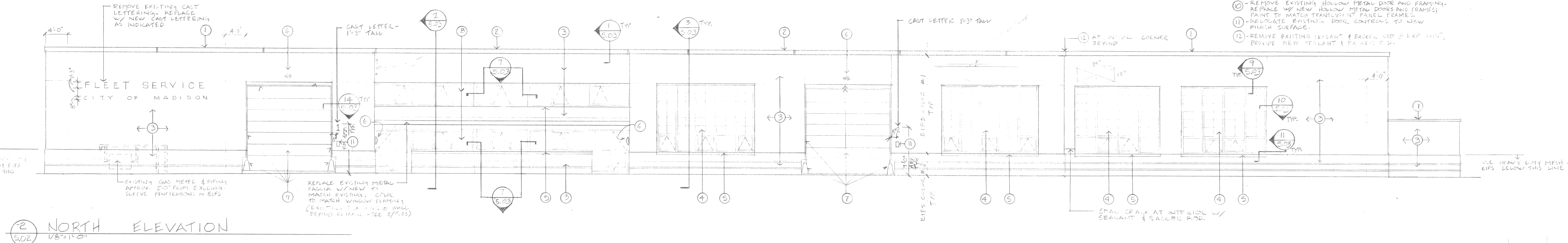
5.01

REMODELING NOTES

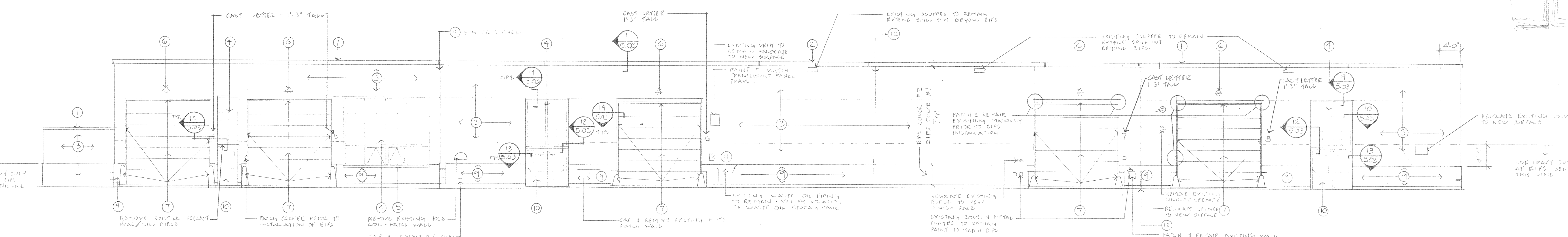
- 1 NEW PREFINISHED METAL COPING OVER EXISTING PRECAST STONE COPING.
- 2 REMOVE EXISTING METAL COPING & REPLACE W/ NEW PREFINISHED METAL COPING.
- 3 EIFS SYSTEM W/ 2" RIGID INSULATION. SEE ELEVATION FOR COLOR & BANDING.
- 4 REMOVE EXISTING STEEL SASH WINDOWS - REPLACE W/ NEW TRANSLUCENT WINDOW SYSTEM - SEE WALL SECTION 3/B-5.03.
- 5 NEW ALUM WINDOW SILL OVER EXISTING PRECAST STONE. COLOR TO MATCH TRANSLUCENT WINDOW SYSTEM.
- 6 RELOCATE EXISTING LIGHT FIXTURE TO NEW FINISH SURFACE.
- 7 EXISTING O.H. DOOR TO REMAIN. PAINT COAT METAL WALL GUARDS, UNITS & O.H. DOOR TRIM TO MATCH WINDOW FRAME COLOR.
- 8 REMOVE EXISTING STEEL SASH WINDOW SYSTEM. REPLACE W/ NEW ALUMINUM WINDOW SYSTEM. SEE WALL SECTION 2/B-5.02.
- 9 EIFS FINISH COAT ONLY (W/FABRIC) ON EXISTING CMU WALL.
- 10 REMOVE EXISTING HOLLOW METAL DOOR AND FRAMING. REPLACE W/ NEW HOLLOW METAL DOOR AND FRAMING. PAINT TO MATCH TRANSLUCENT PANEL FRAME.
- 11 RELOCATE EXISTING DOOR CONTROLS TO NEW FINISH SURFACE.
- 12 REMOVE EXISTING REFRIG & BACKL COP & EXP UNIT. PROVIDE NEW REFRIG & BACKL P-2.



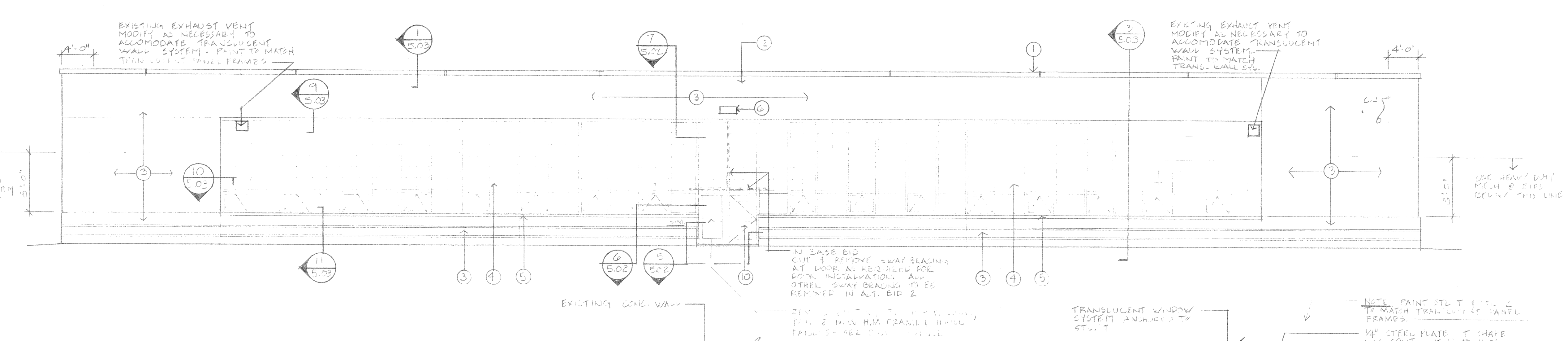
1 WEST ELEVATION
1/8" = 1'-0"



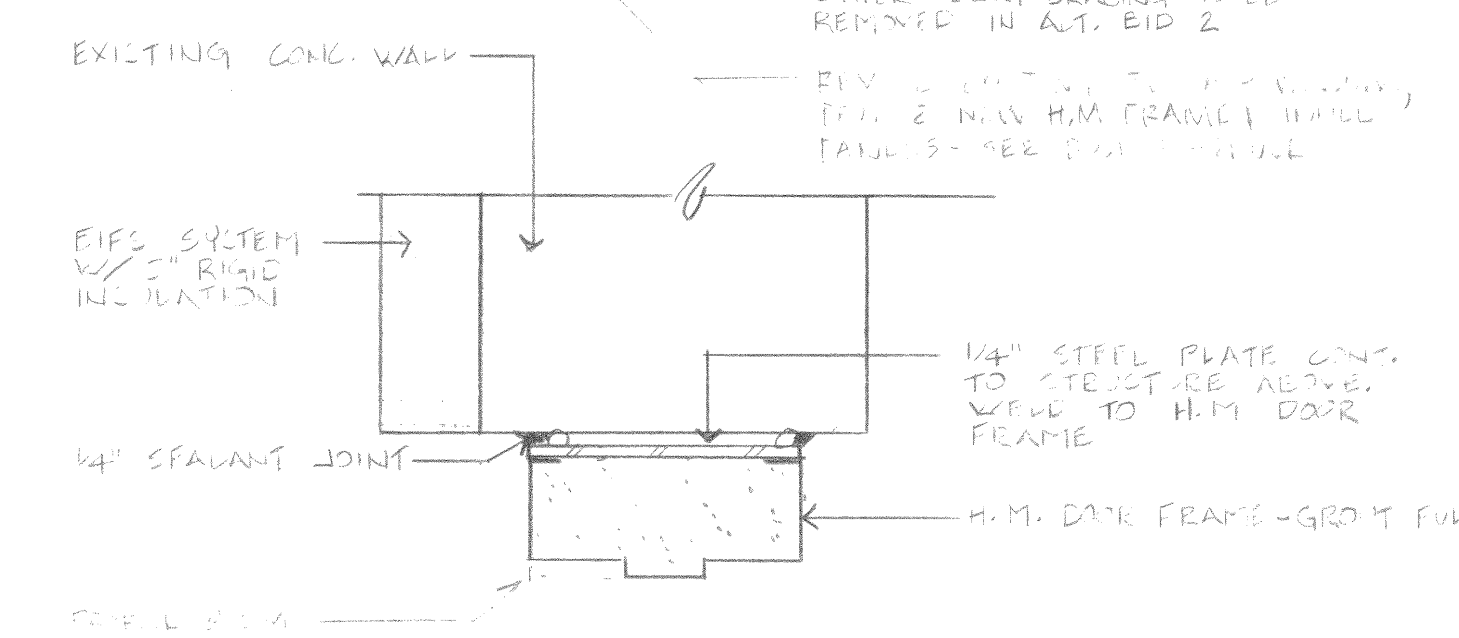
2 NORTH ELEVATION
1/8" = 1'-0"



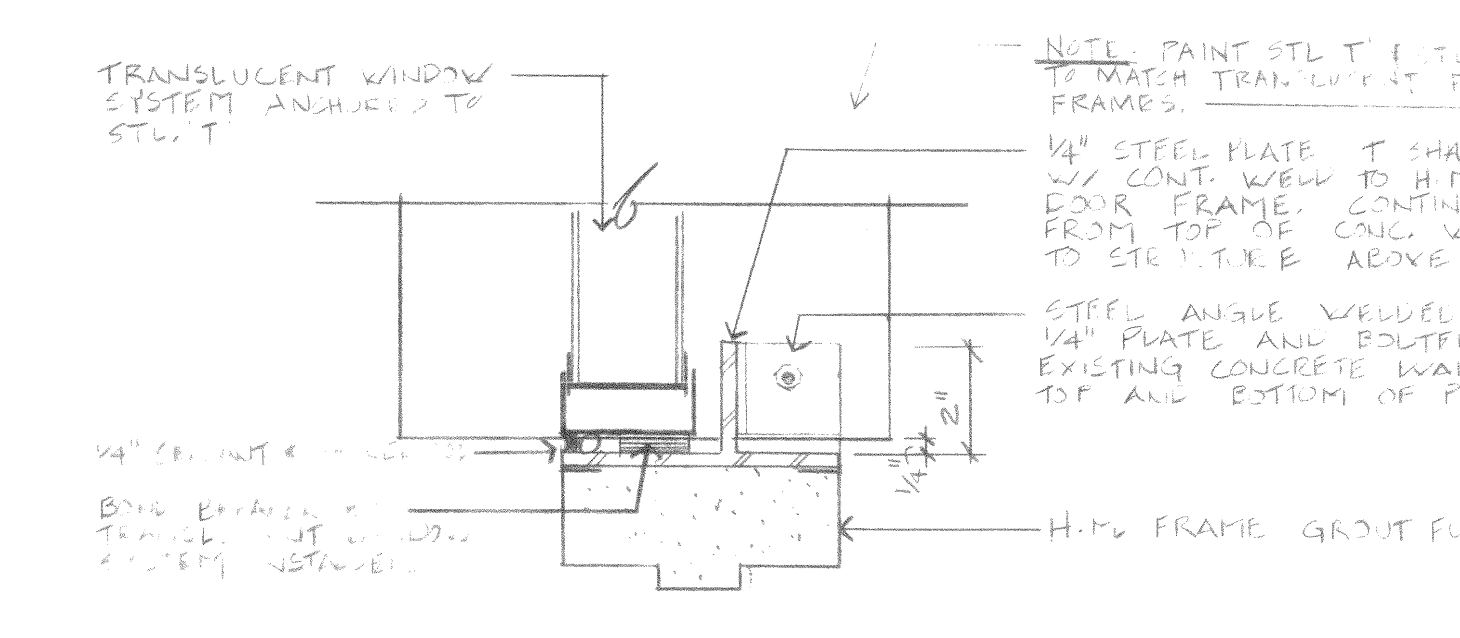
3 SOUTH ELEVATION
1/8" = 1'-0"



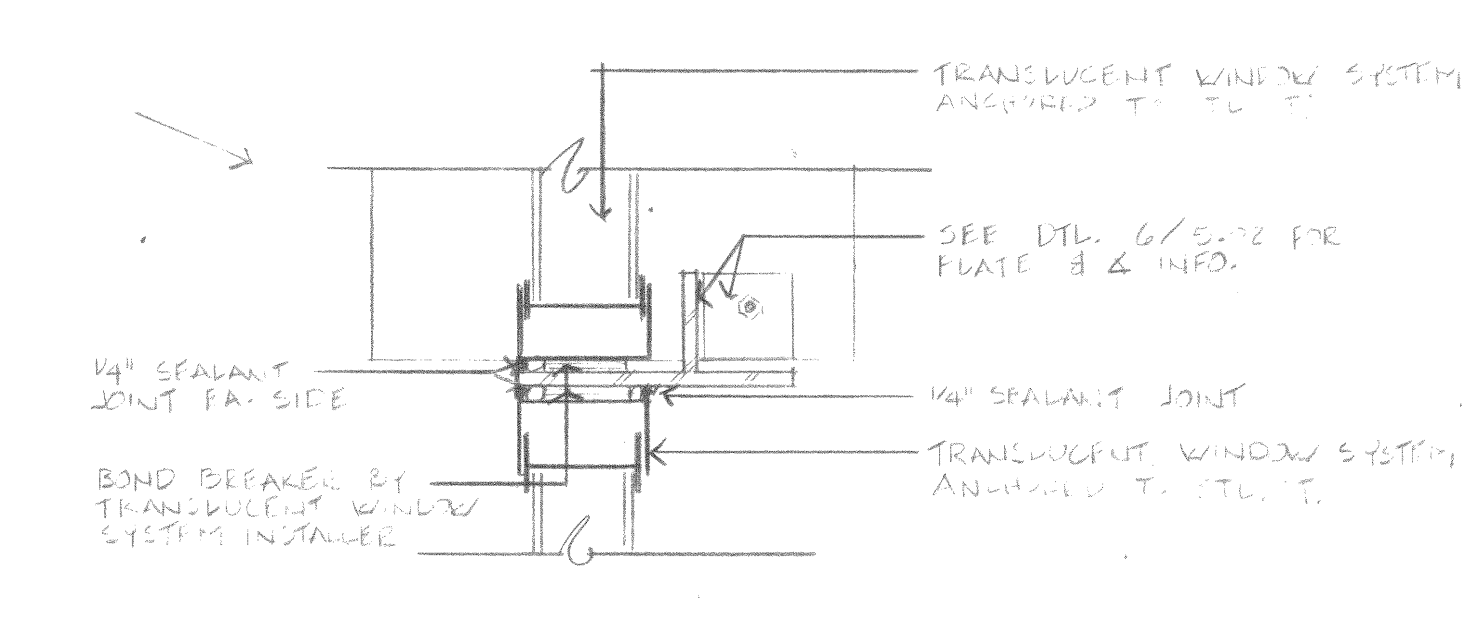
4 EAST ELEVATION
1/8" = 1'-0"



5 DOOR JAMB DETAIL
3/8" = 1'-0"

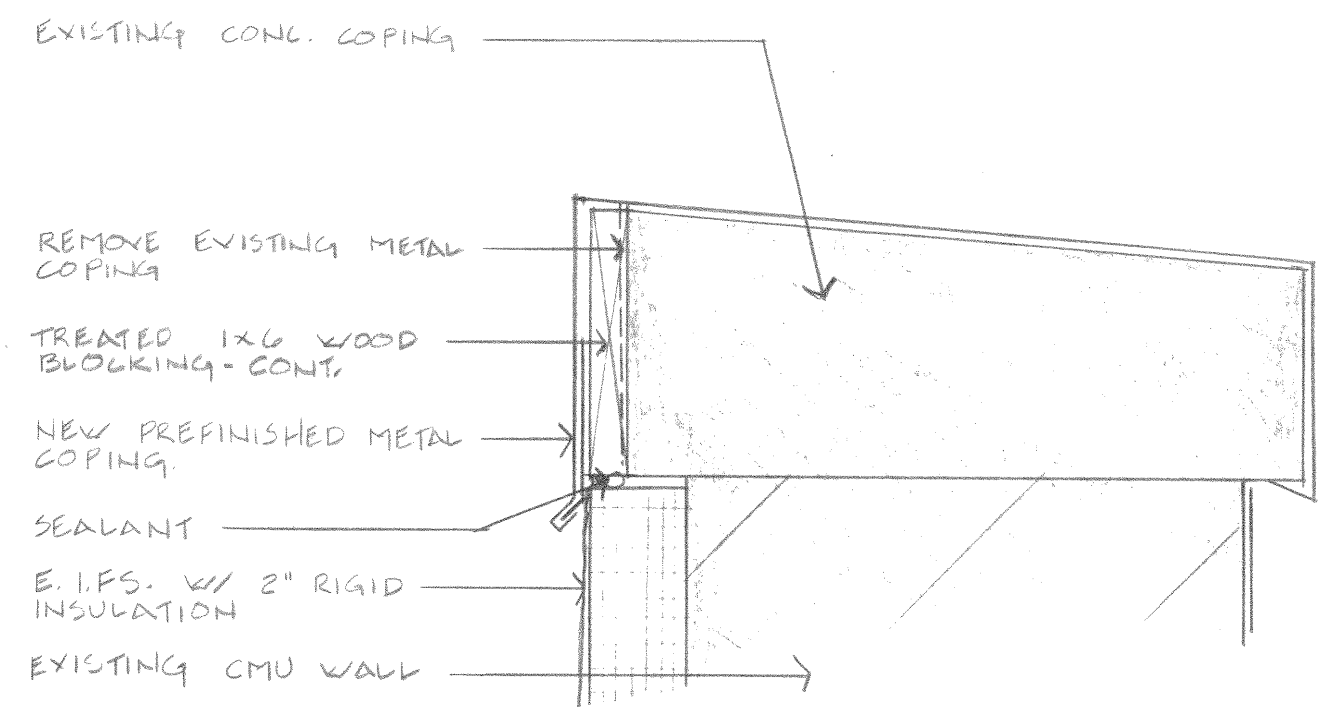


6 DOOR JAMB DETAIL
3/8" = 1'-0"

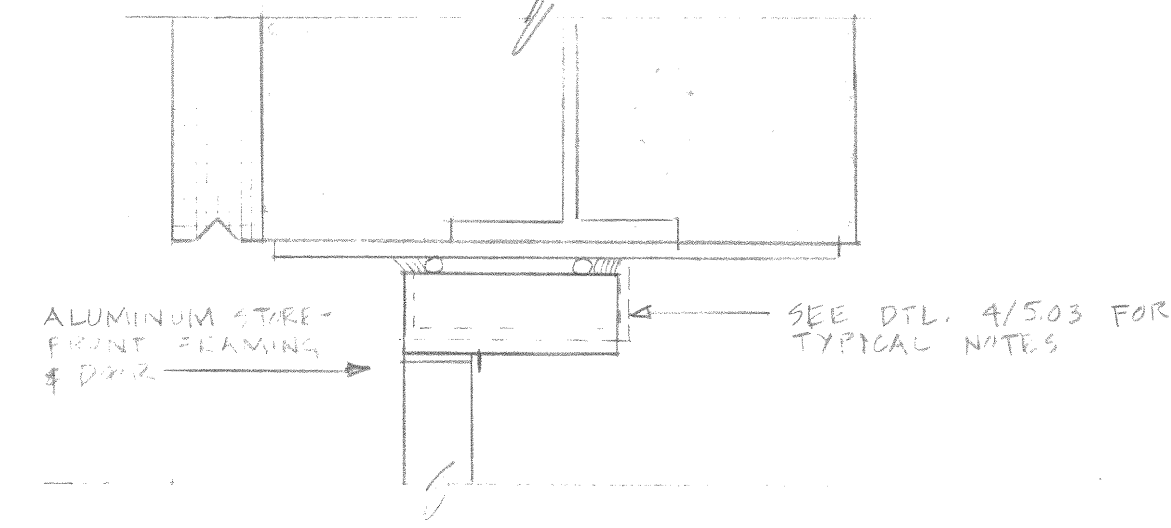


7 TRANS. WINDOW SYSTEM JAMB DETAIL
3/8" = 1'-0"

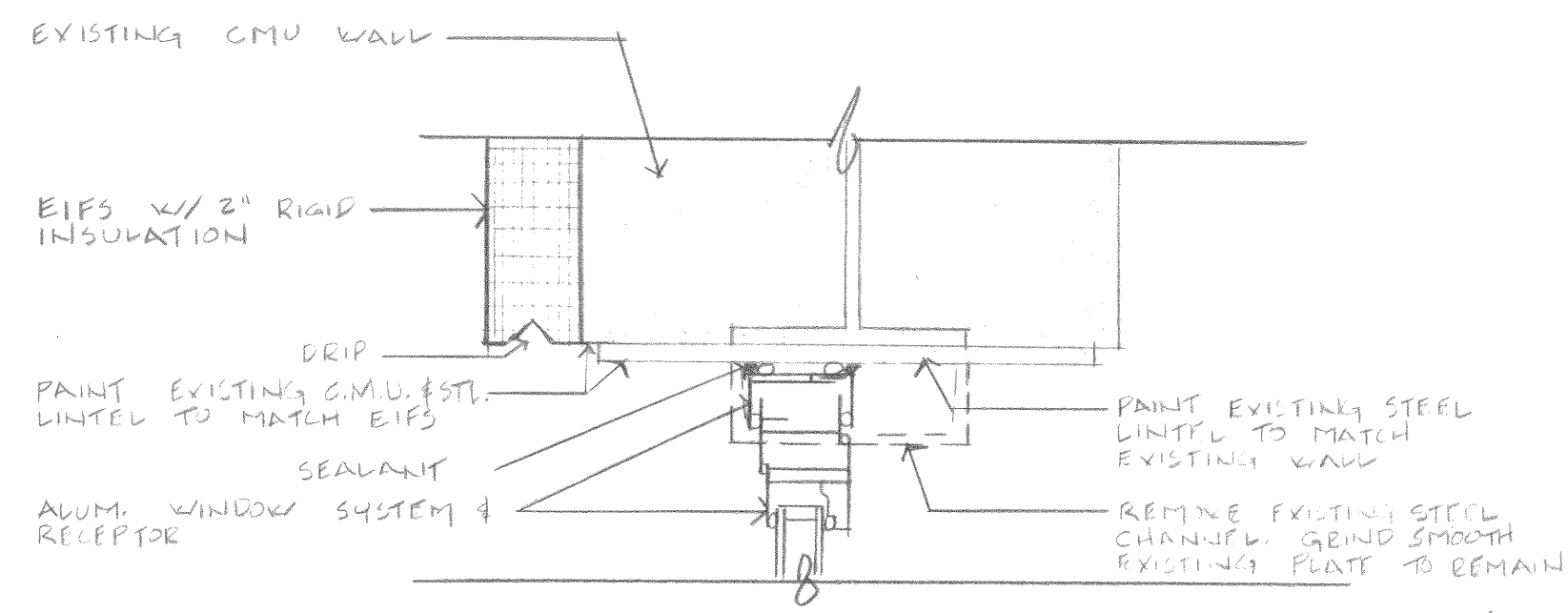
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Date	Issuance / Revisions	Symbol
Exterior Remodeling of the First Street Garage City of Madison Madison, Wisconsin		
Drawing Title ELEVATIONS		
Project No. 192016.01	Drawing No.	
Drawn By M.G.		



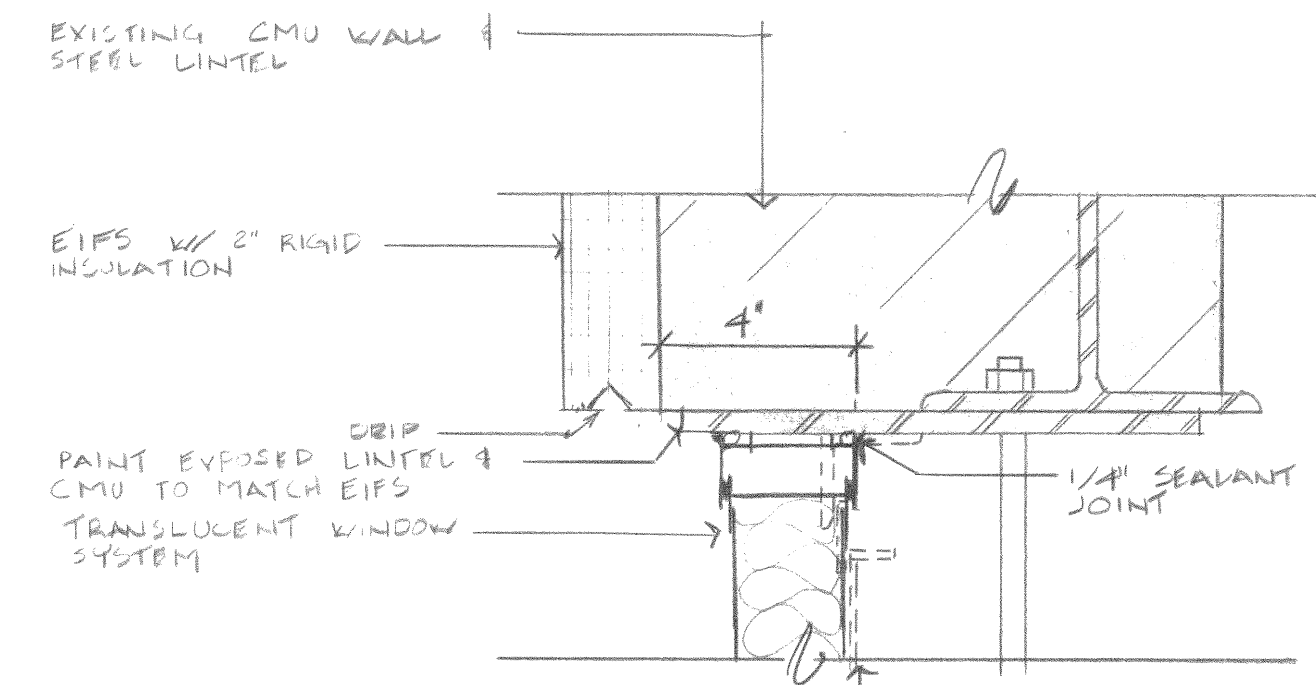
1 COPING DETAIL
 5.03 3"=1'-0"



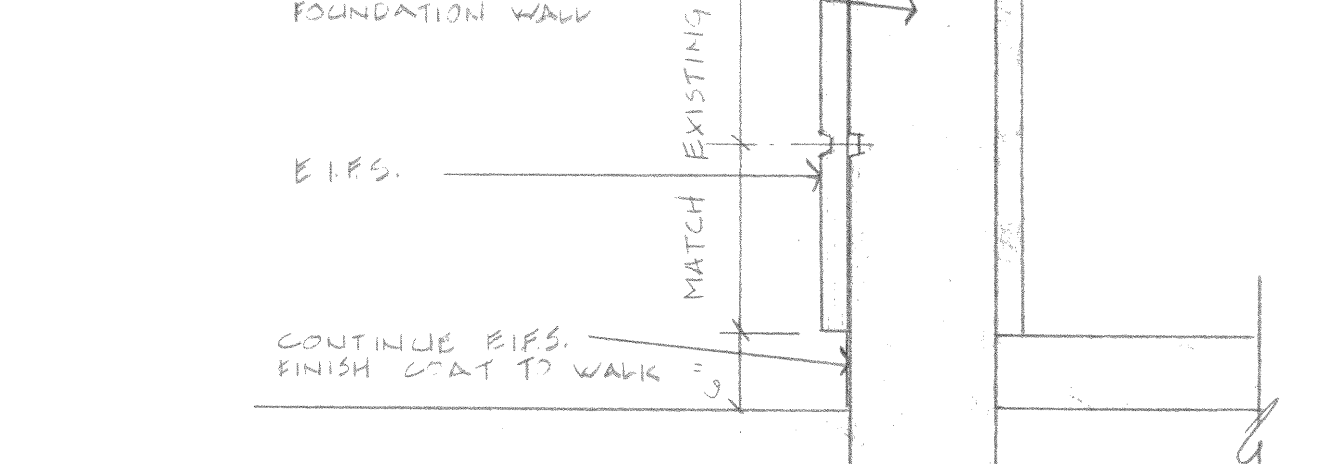
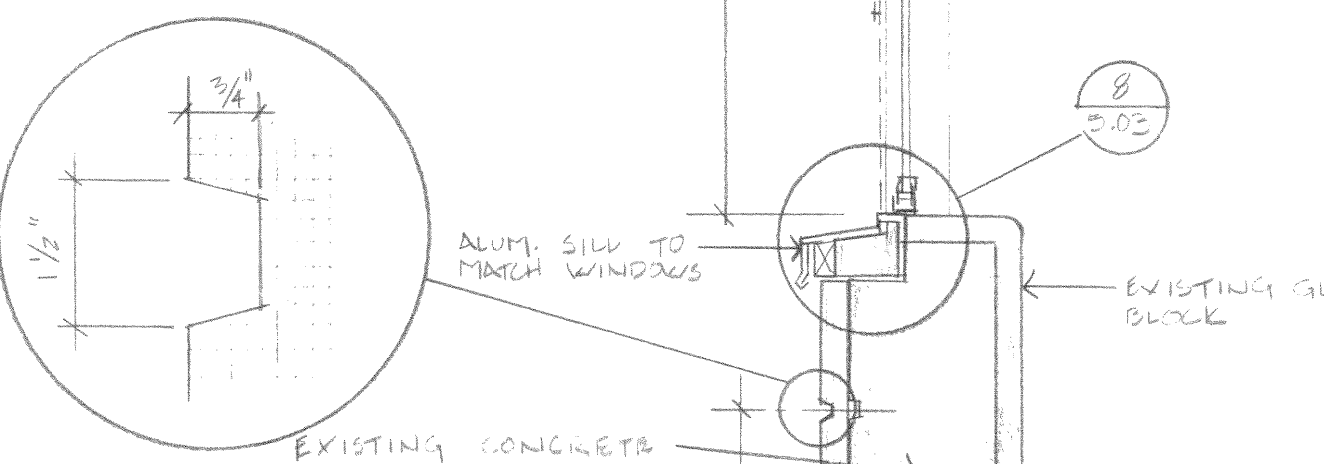
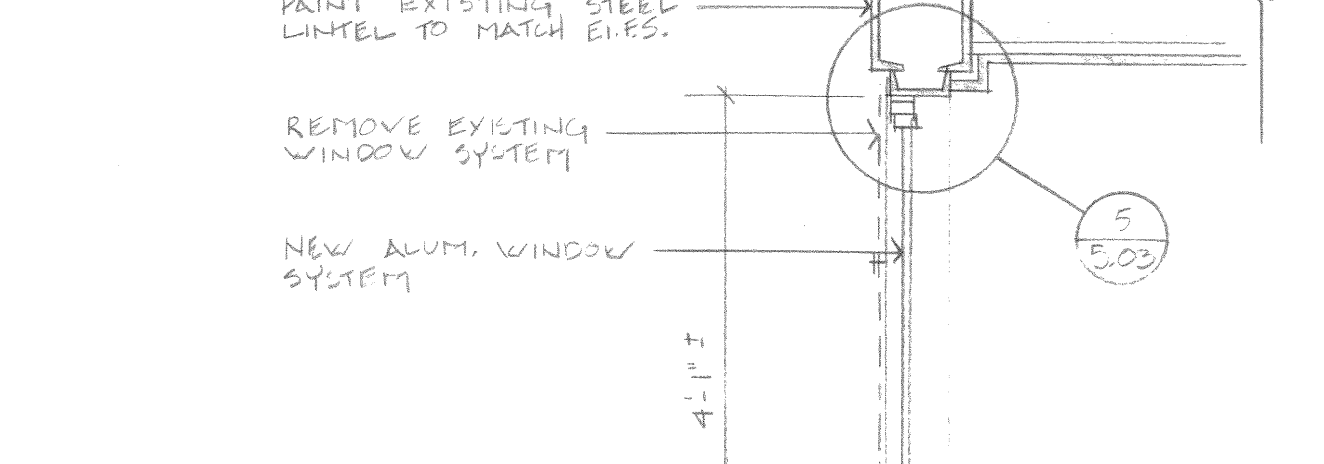
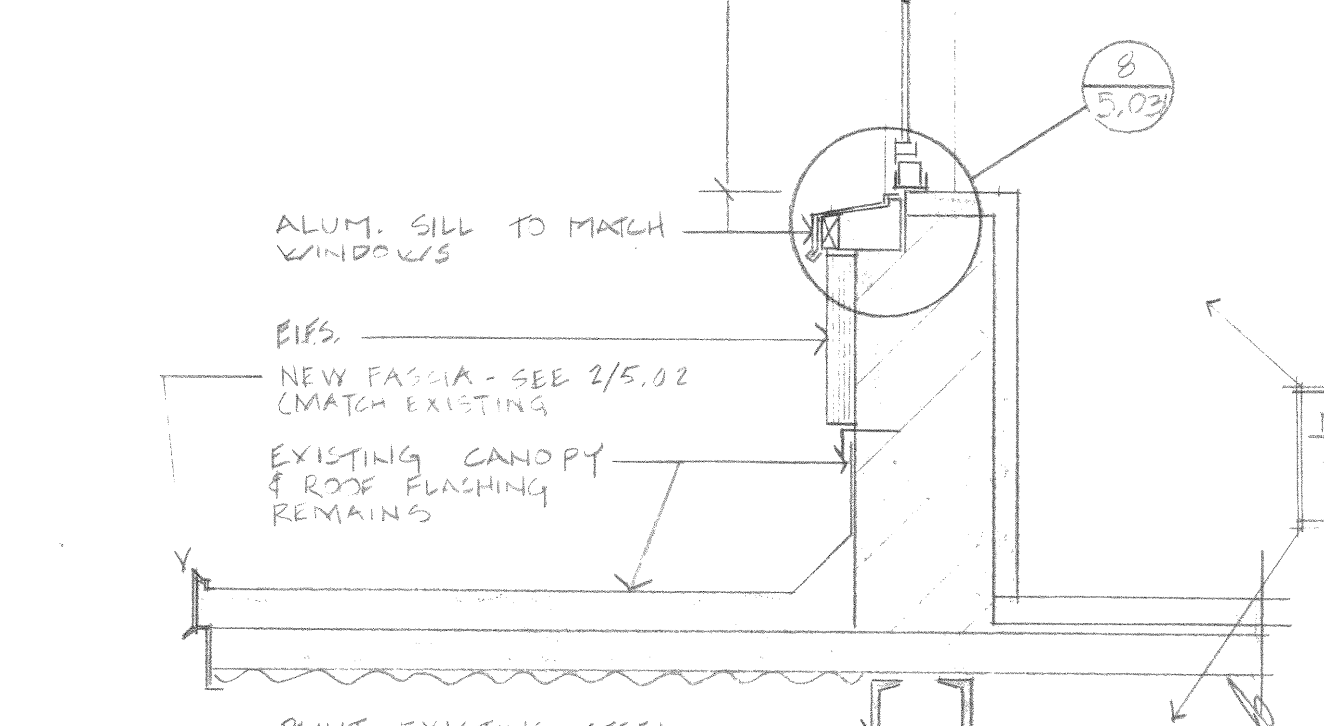
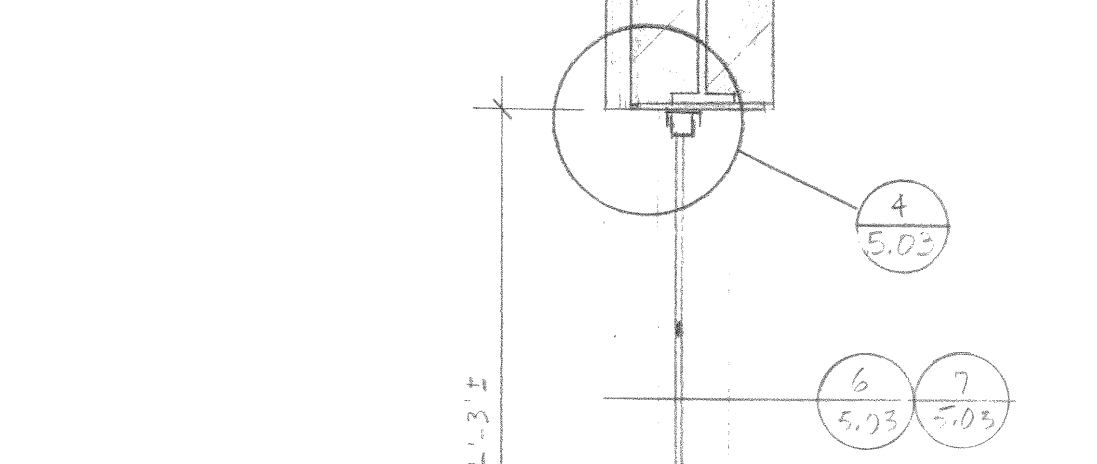
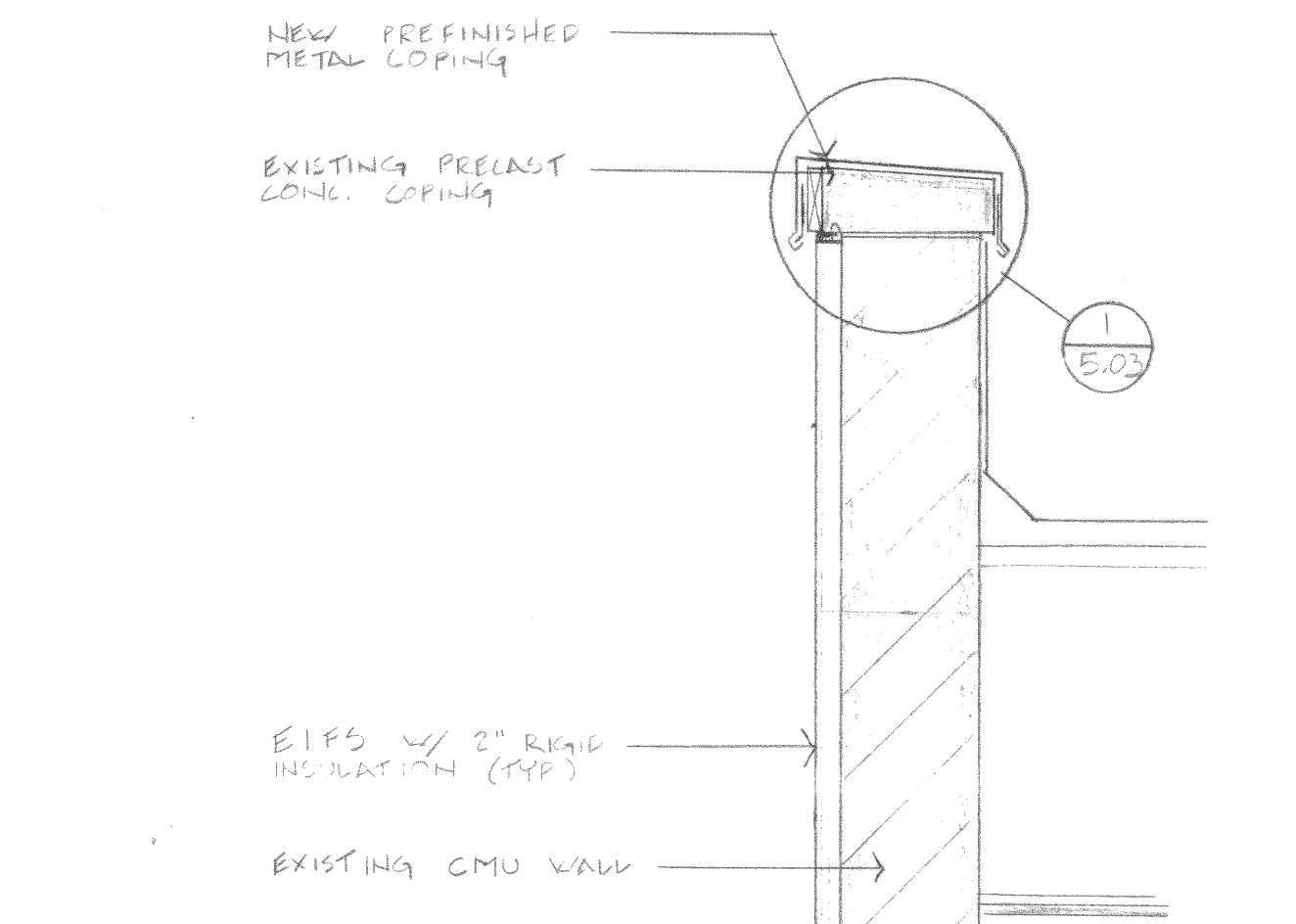
3A HEAD DETAIL
 5.03 3"=1'-0"



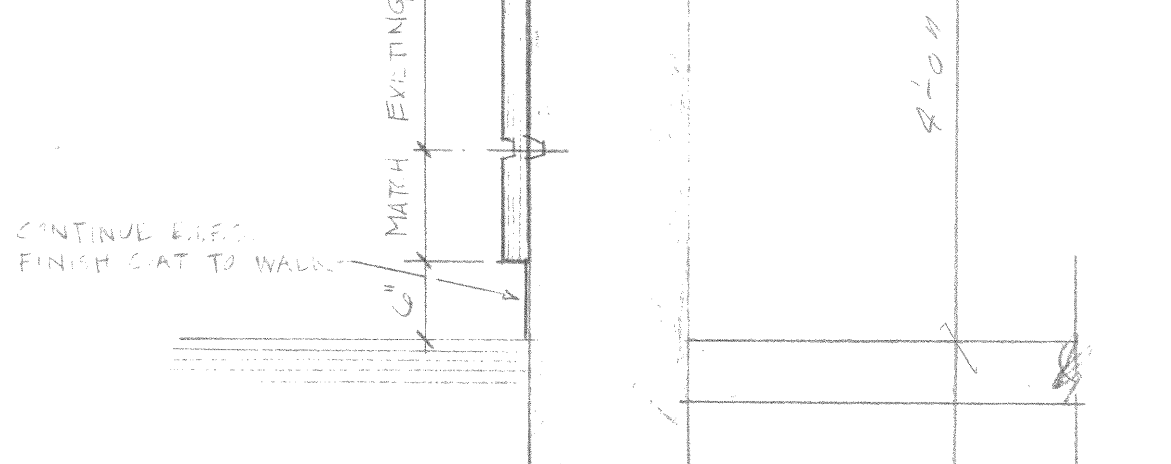
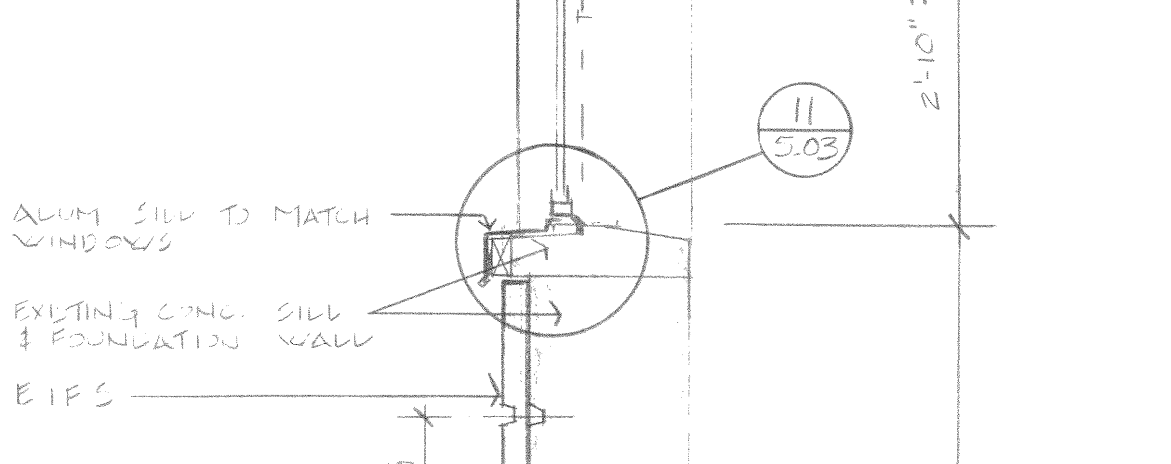
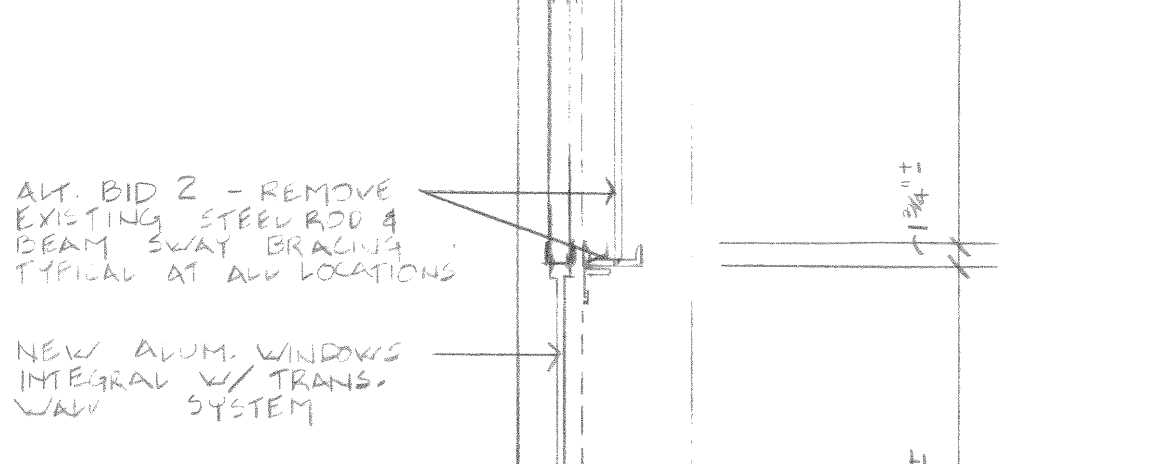
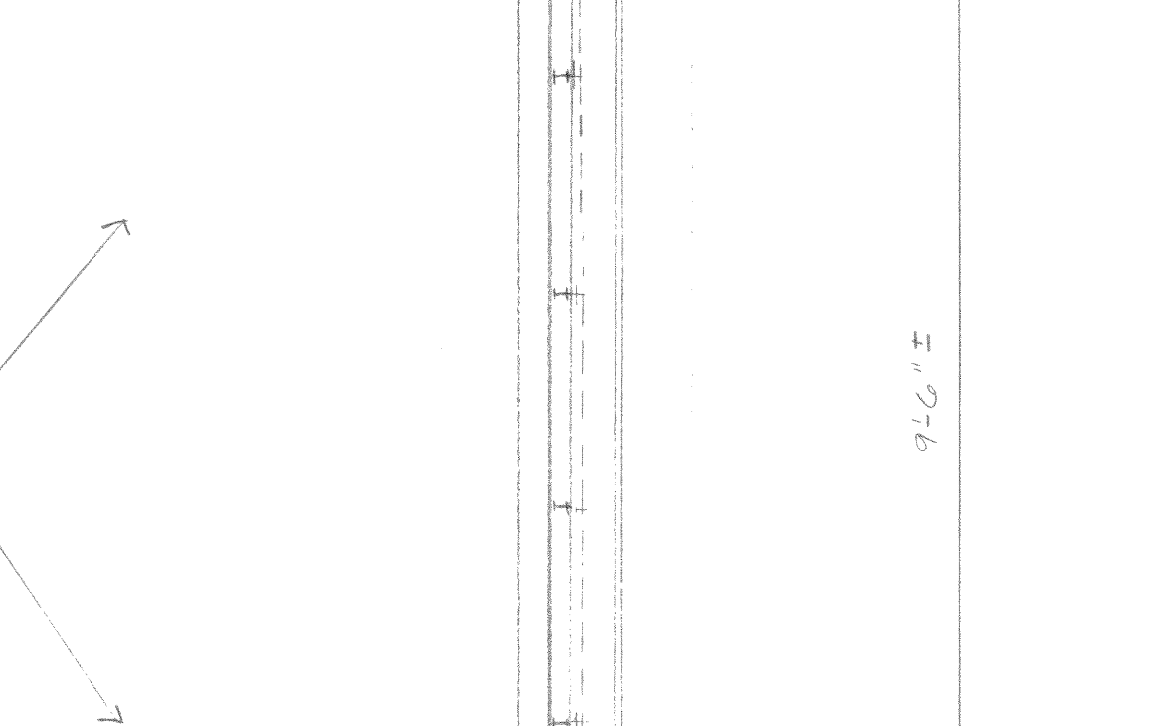
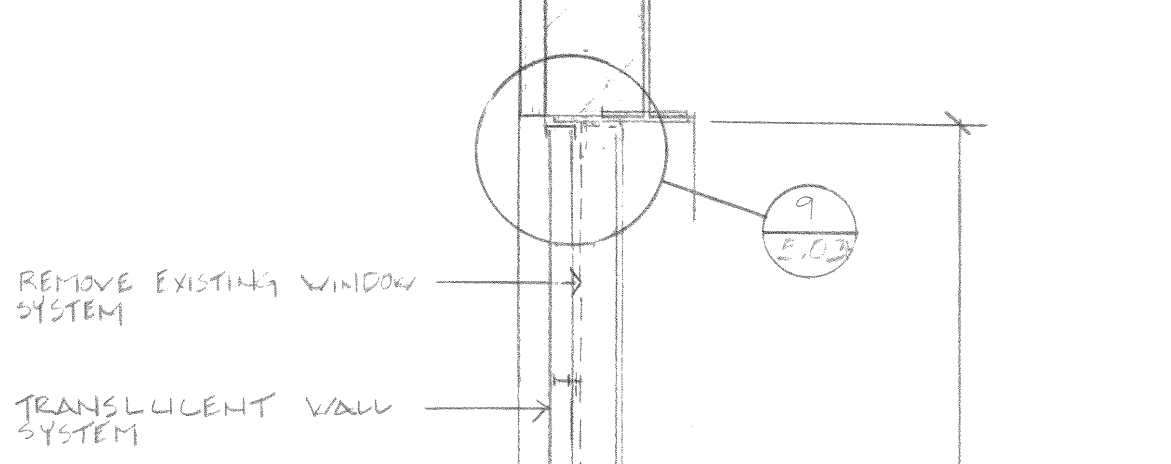
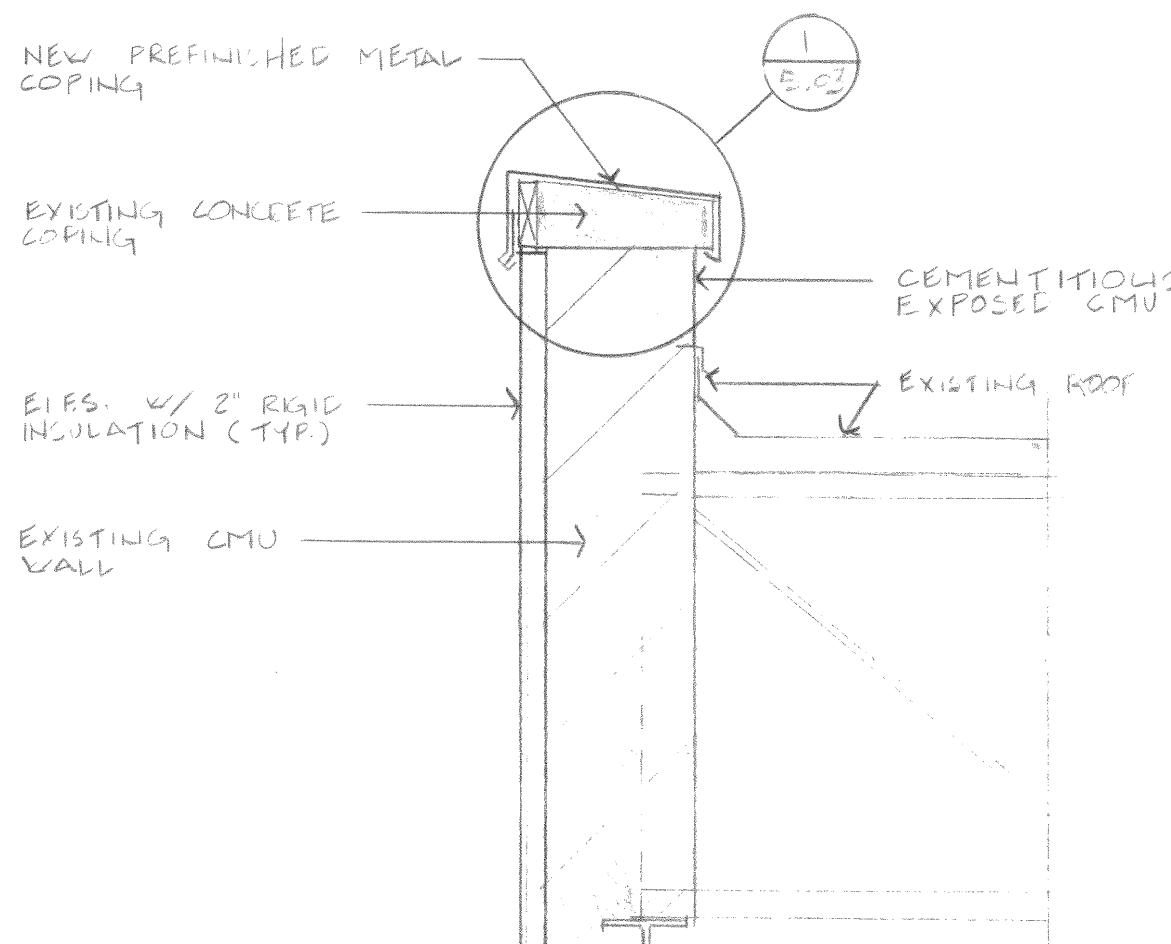
4 HEAD DETAIL
 5.03 3"=1'-0"



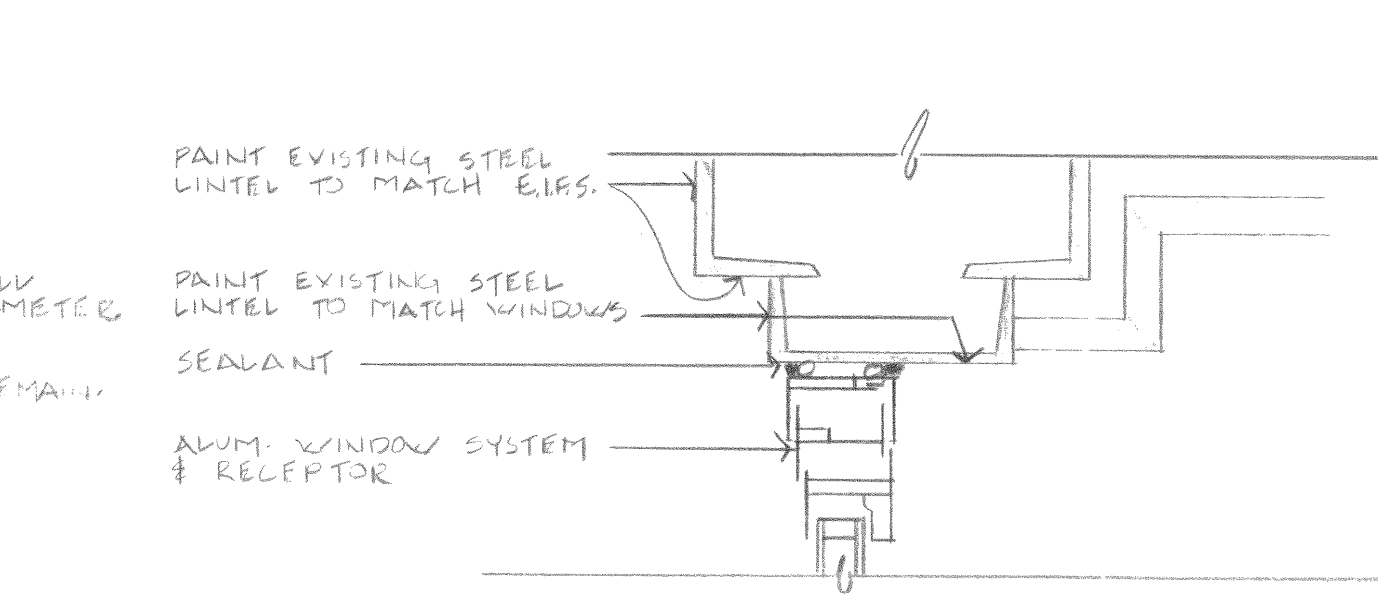
9 HEAD DETAIL
 5.03 3"=1'-0"



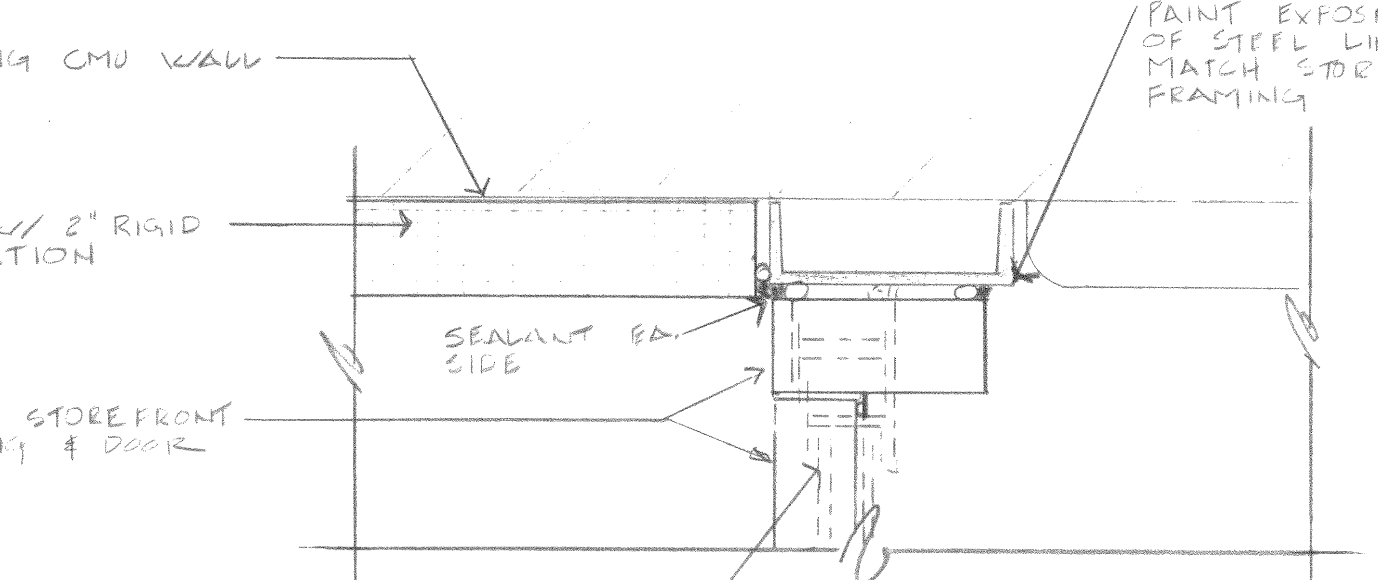
2 WALL SECTION
 5.03 3/4"=1'-0"



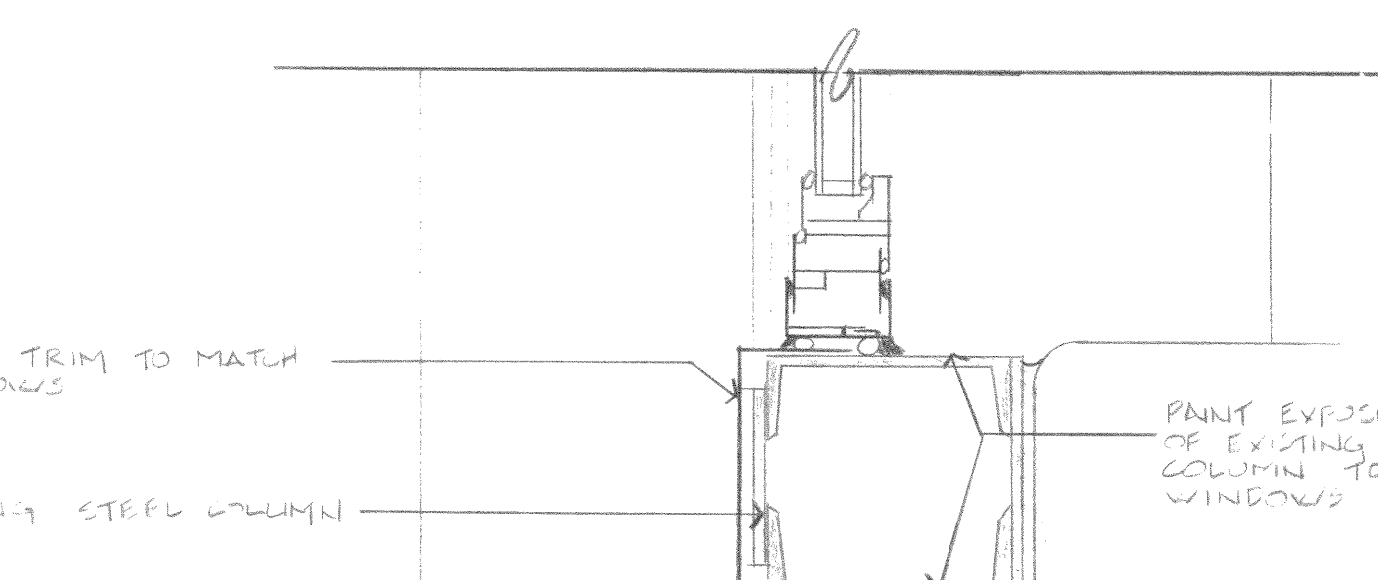
3 WALL SECTION
 5.03 3/4"=1'-0"



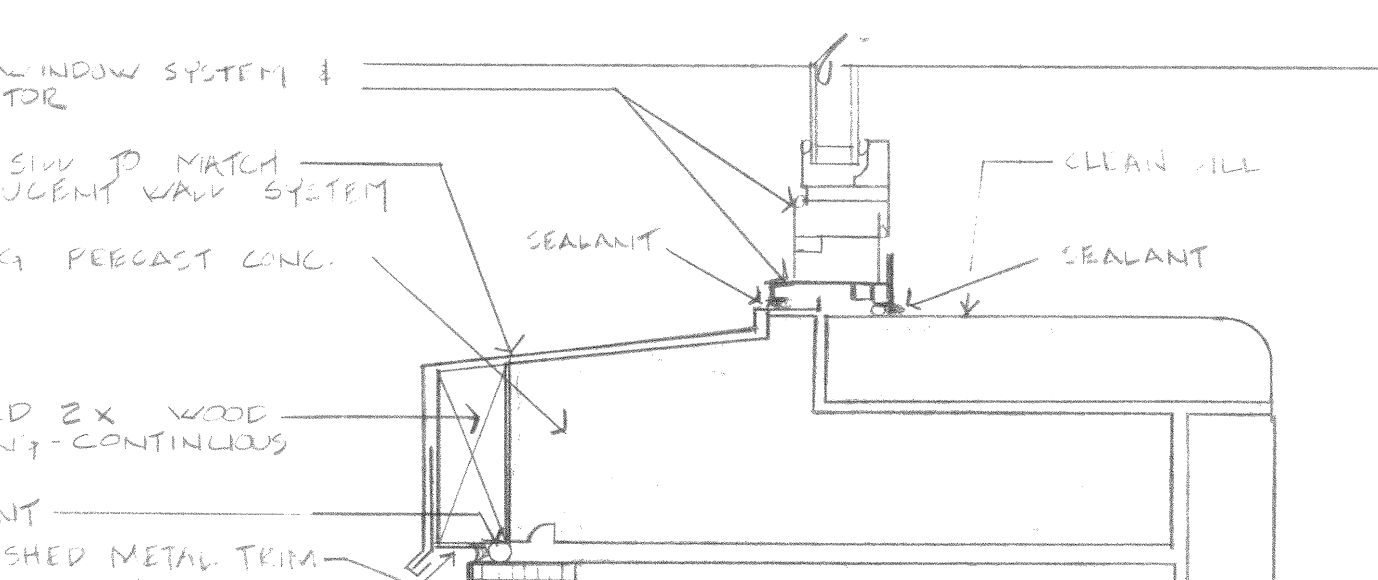
5 HEAD DETAIL
 5.03 3"=1'-0"



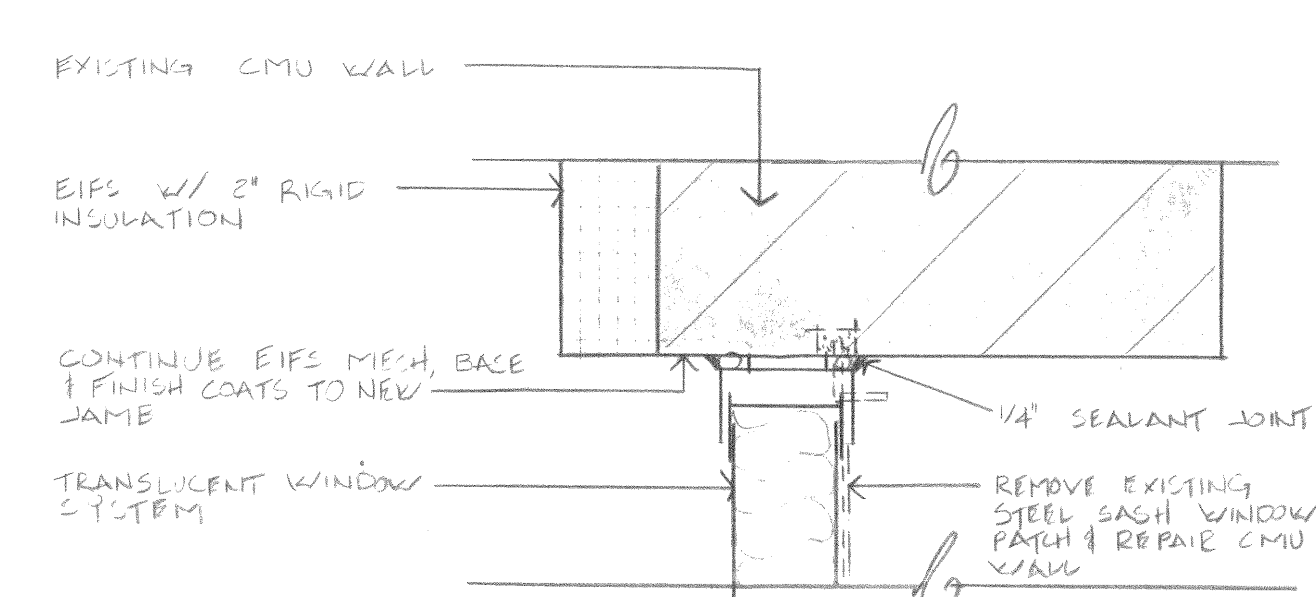
6 JAMB DETAIL
 5.03 3"=1'-0"



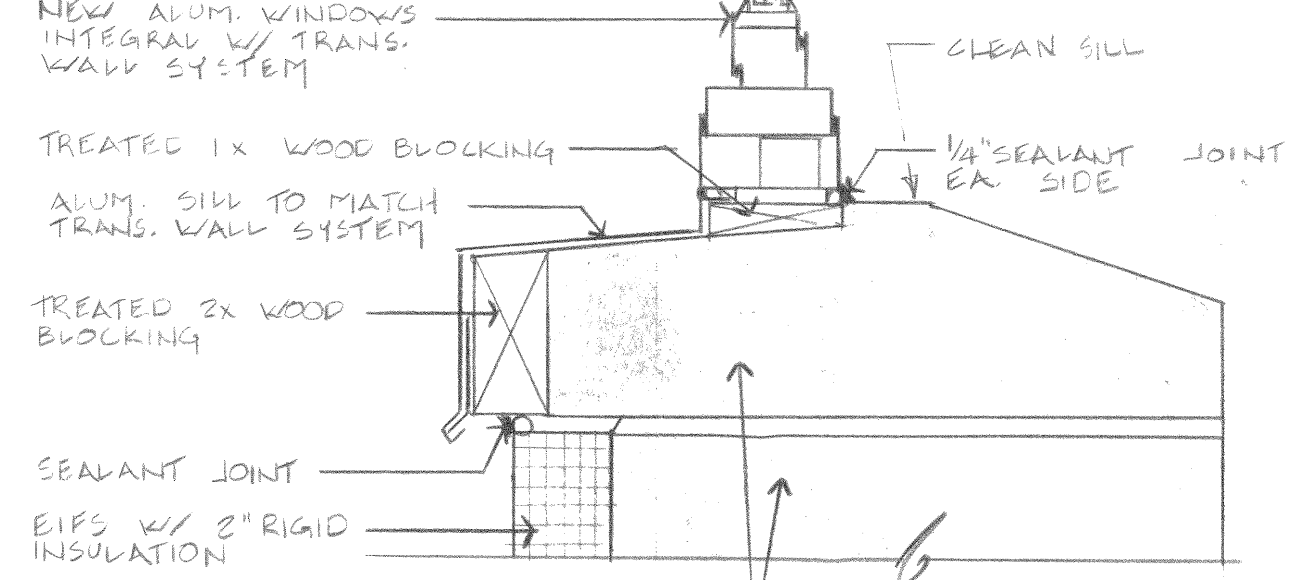
7 MULLION DETAIL
 5.03 3"=1'-0"



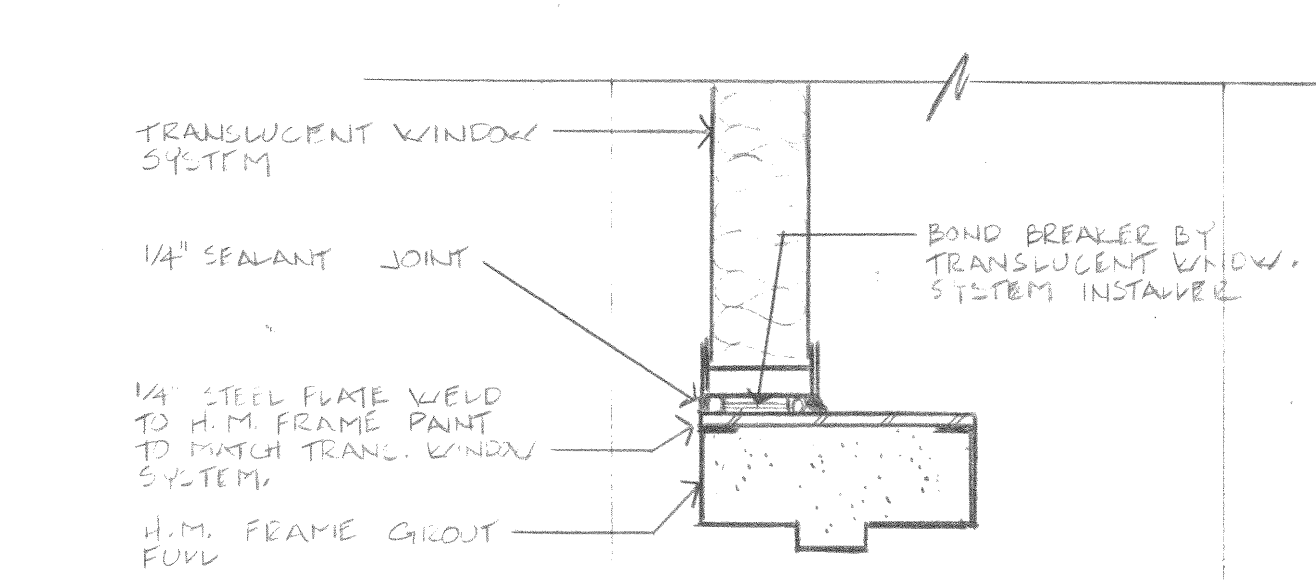
8 SILL DETAIL
 5.03 3"=1'-0"



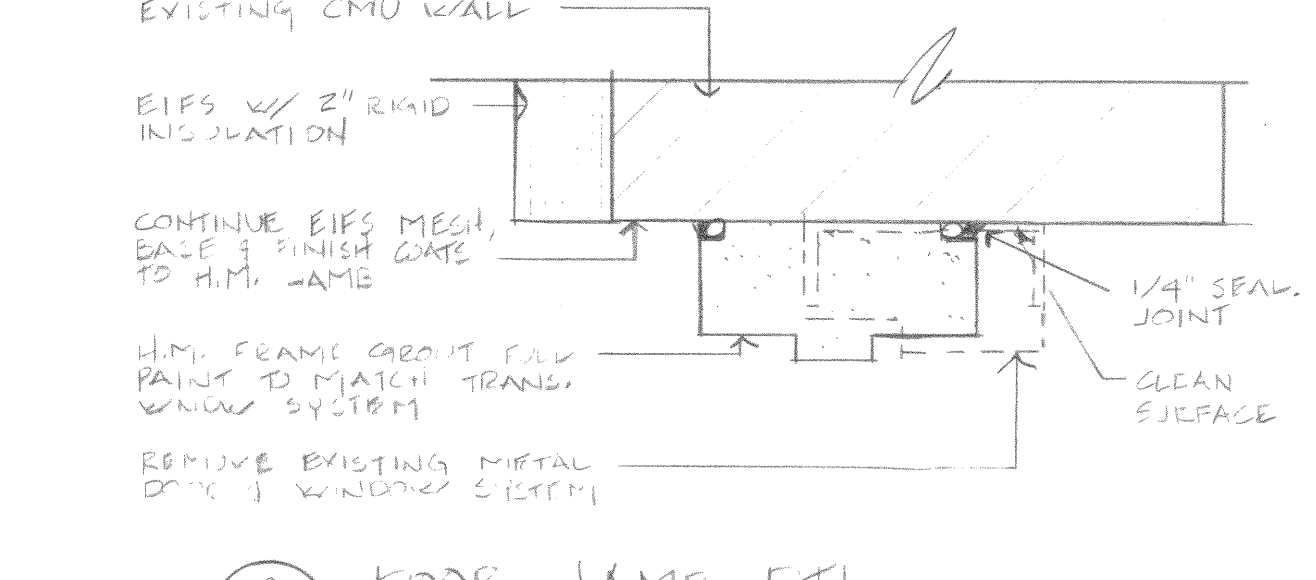
10 JAMB DETAIL
 5.03 3"=1'-0"



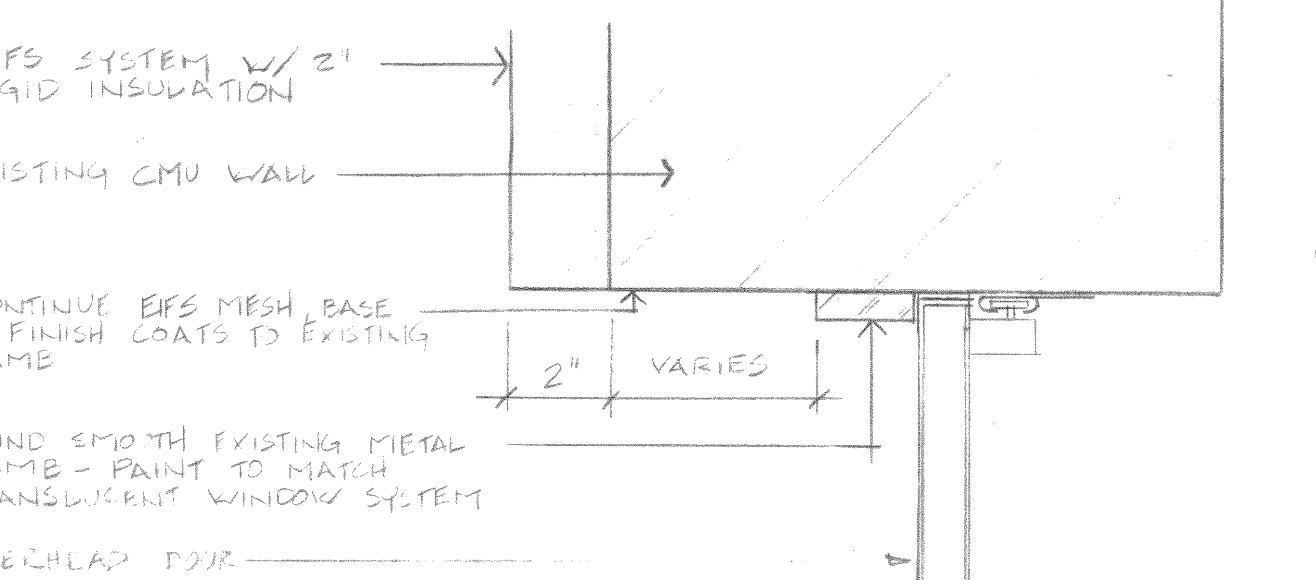
11 SILL DETAIL
 5.03 3"=1'-0"



12 DOOR HEAD DETAIL
 5.03 3"=1'-0"



13 DOOR JAMB DETAIL
 5.03 3"=1'-0"

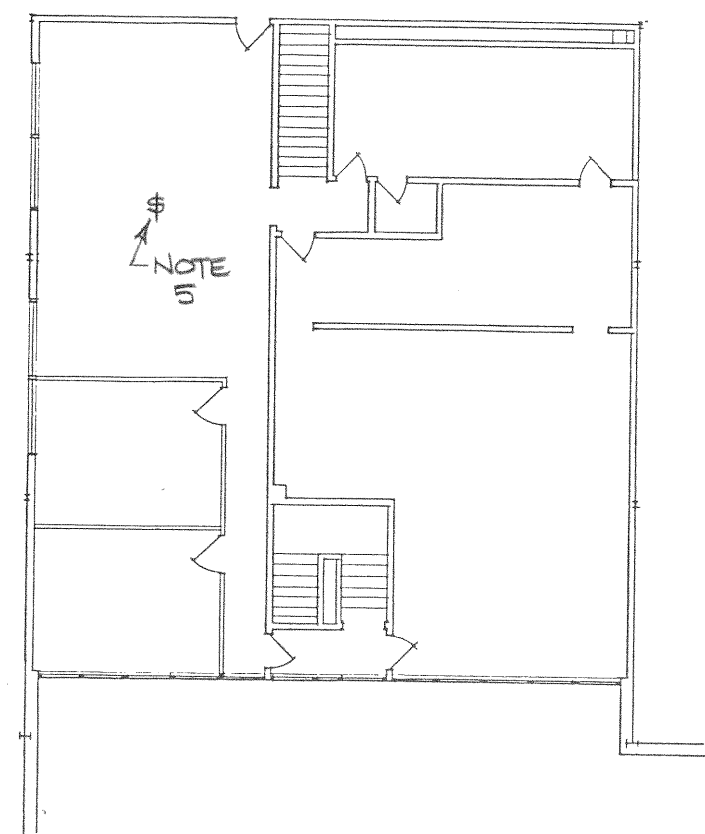


14 JAMB DETAIL
 5.03 3"=1'-0"
 * HEAD SIMILAR

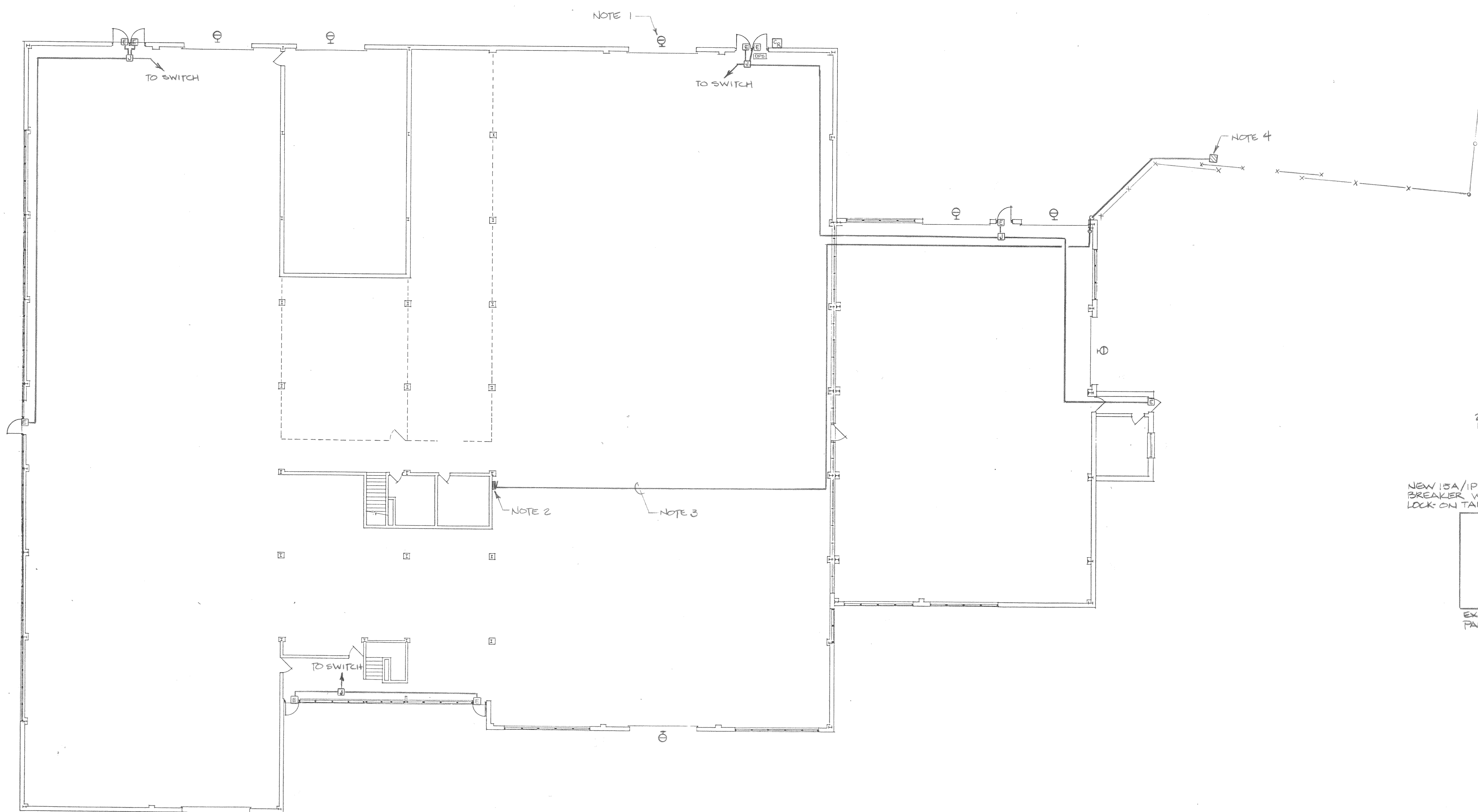
2.1.93 182 PER FOR CONSTRUCTION		
Date	Issuance / Revisions	Symbol
Exterior Remodeling of the First Street Garage		
City of Madison Madison, Wisconsin		
Drawing Title WALL SECTIONS, DETAILS		
Project No. 18204-01	Drawing No.	
Drawn By MLC		5.03

Seal & Notes

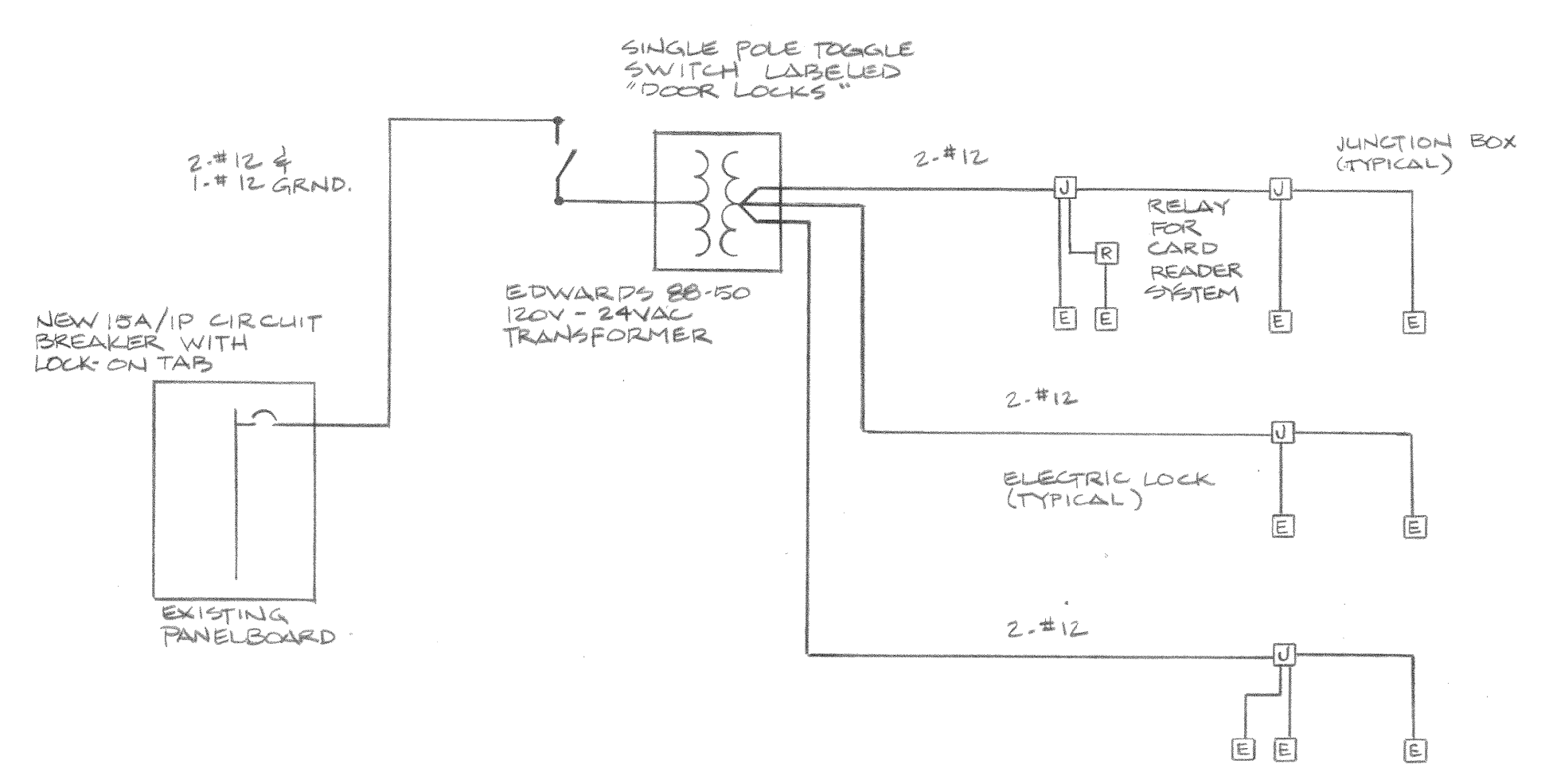
1. REPLACE EXISTING LIGHT FIXTURE WITH NEW 100W HPS WALL BRACKET NEW FIXTURES TO BE ARCHITECTURAL AREA LIGHT CATALOG NO. AIN405WJ-24T-100WPS-12V. REUSE EXISTING CIRCUIT AND CONTROL. VERIFY VOLTAGE REQUIREMENT. TYPICAL OF EIGHT PROVIDE FIXTURES WITH CUSTOM FINISH. COLOR TO BE KALWALL MAROON #96.
2. PROVIDE NEW 30A/2P CIRCUIT BREAKER IN EXISTING SQUARE D PANELBOARD TO FEED NEW GATE OPERATOR.
3. EXTEND 3-#10 #1-#10 GROUND IN 3/4" CONDUIT FROM NEW BREAKER TO NEW FUSIBLE SOA, OR PADLOCKABLE DISCONNECT, MOUNT DISCONNECT ON CONTROLLER.
4. GATE OPERATOR: 1 HP 240V, 16 WITH 250W STRIP HEATER. PROVIDE ALL POWER CONNECTIONS.
5. LOCATE SWITCH FOR ELECTRIC LOCKS AS DIRECTED BY OWNER. SEE ELECTRIC LOCK SCHEMATIC DIAGRAM.



SECOND FLOOR ELECTRICAL PLAN
 1/16" = 1'-0"



FIRST FLOOR ELECTRICAL PLAN
 1/16" = 1'-0"



ELECTRIC LOCK SCHEMATIC DIAGRAM
 NO SCALE

Date	Issuance / Revisions	Symbol

Exterior Remodeling
 of the
 First Street Garage
 City of Madison
 Madison, Wisconsin

Drawing Title
 ELECTRICAL PLANS

Project No.	Drawing No.
	9.01



IMAGE 1 - LEVEL 2











IMAGE 6 - LEVEL 2



IMAGE 7 - ROOF



EXHIBIT-D



IMAGE 9

EXHIBIT-D



IMAGE 10

EXHIBIT-D



IMAGE 11





EXHIBIT-D



IMAGE 14

ADDITIONS AND REMODELING FOR THE CITY OF MADISON MADISON, WISCONSIN

DRAWING INDEX

PROJECT A
ENGINEERING DIVISION TRAINING ADDITION
1602 EMIL STREET
MADISON, WISCONSIN

- SITE DRAWINGS**
 - A-2.01 Site Plan
 - Site Survey
- STRUCTURAL DRAWINGS**
 - A-5.01 Foundation Plan, Framing Plan, Structural Details
- ARCHITECTURAL DRAWINGS**
 - A-5.01 Floor Plan, Elevations Sections
 - A-5.02 Wall Sections & Details
 - A-5.03 Door & Window Details
 - A-5.04 Interior Details
 - A-6.01 Reflected Ceiling Plan
- HVAC DRAWINGS**
 - A-8.01 Floor Plans, Schedules and Details - HVAC
- ELECTRICAL DRAWINGS**
 - A-9.01 Floor Plan - Lighting, Schedules
 - A-9.02 Floor Plan - Power & Systems, Schedules

PROJECT B
VEHICLE FUELING FACILITY
200 NORTH FIRST STREET
MADISON, WISCONSIN

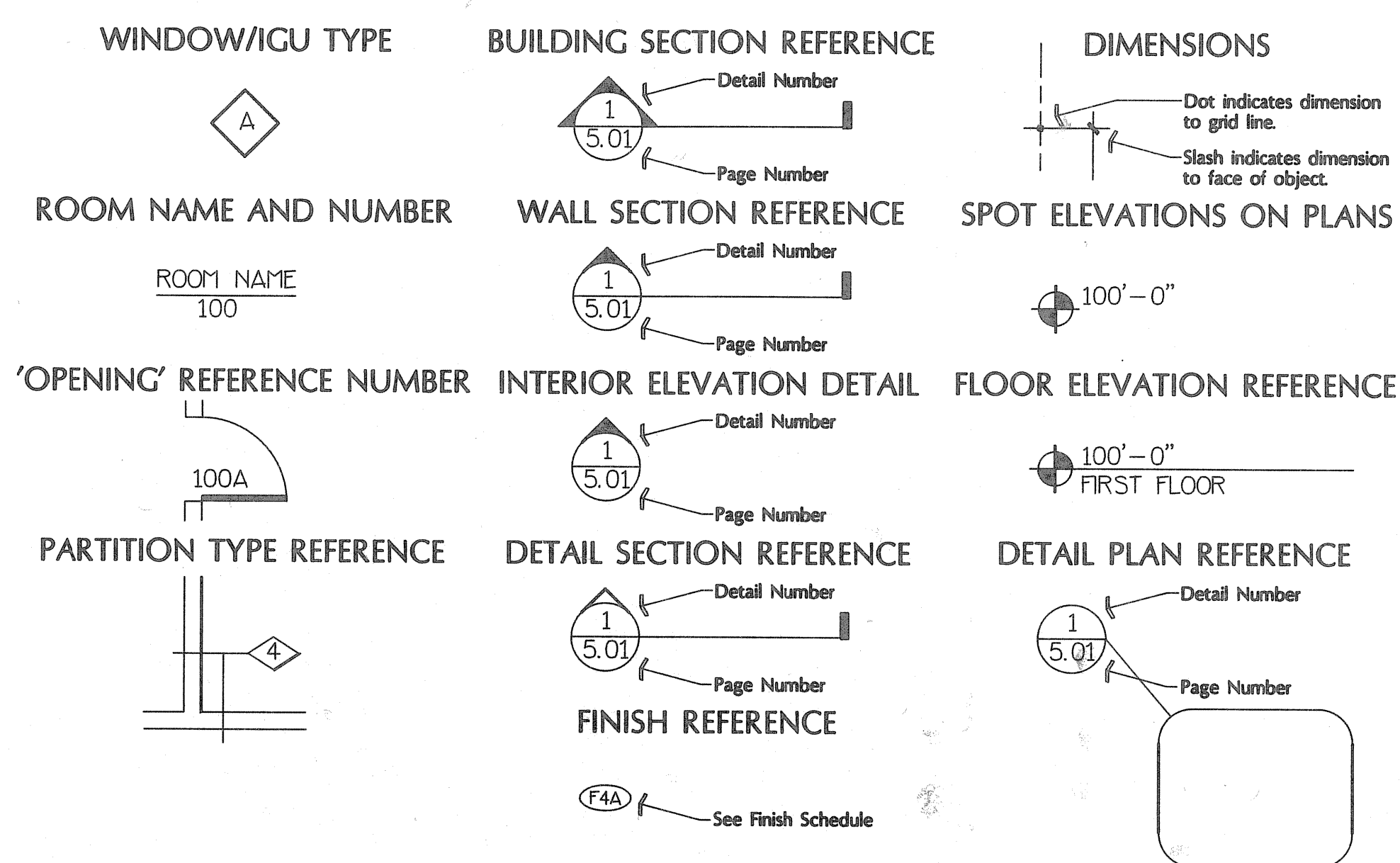
- SITE DRAWINGS**
 - B-2.01 Site Plan - Demolition Site Details
 - B-2.02 Site Plan - Architectural
 - B-2.03 Site Utility Plan
 - B-2.04 Landscape Plan
 - Site Survey
- ARCHITECTURAL DRAWINGS**
 - B-5.01 Fueling Facility Plans, Sections, Details
- PLUMBING DRAWINGS**
 - B-7.01 Floor Plan & Details - Plumbing
- ELECTRICAL DRAWINGS**
 - B-9.01 Floor Plan & Schedules - Electrical

PROJECT C
PARKING UTILITY EXPANSION
1120 SAYLE STREET
MADISON, WISCONSIN

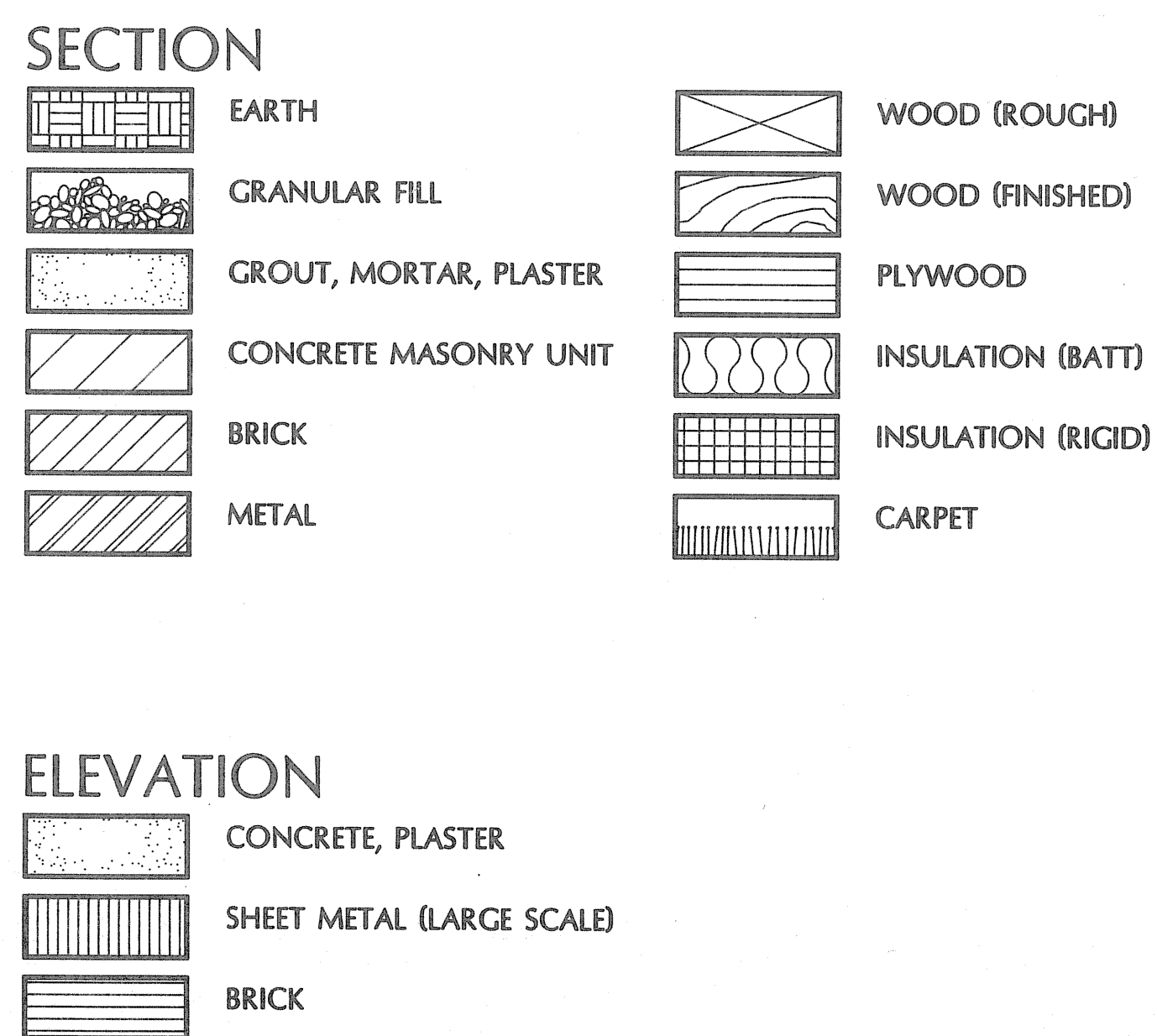
- SITE DRAWINGS**
 - C-2.01 Site Plan
 - C-2.02 Site Utility Plan
 - Site Survey
- DEMOLITION DRAWINGS**
 - C-4.01 Demolition Plan
- ARCHITECTURAL DRAWINGS**
 - C-5.01 Floor Plan, Plan Details
 - C-5.02 Elevations, Sections, Partition Types
 - C-5.03 Wall Sections & Details
 - C-5.04 Door & Window Details
 - C-6.01 Reflected Ceiling Plan
- PLUMBING DRAWINGS**
 - C-7.01 Floor Plan & Details - Plumbing
- HVAC DRAWINGS**
 - C-8.01 Floor Plan, Schedules & Details - HVAC
- ELECTRICAL DRAWINGS**
 - C-9.01 Floor Plan - Lighting, Schedules
 - C-9.02 Floor Plan - Power & Systems, Schedules

8/26/92

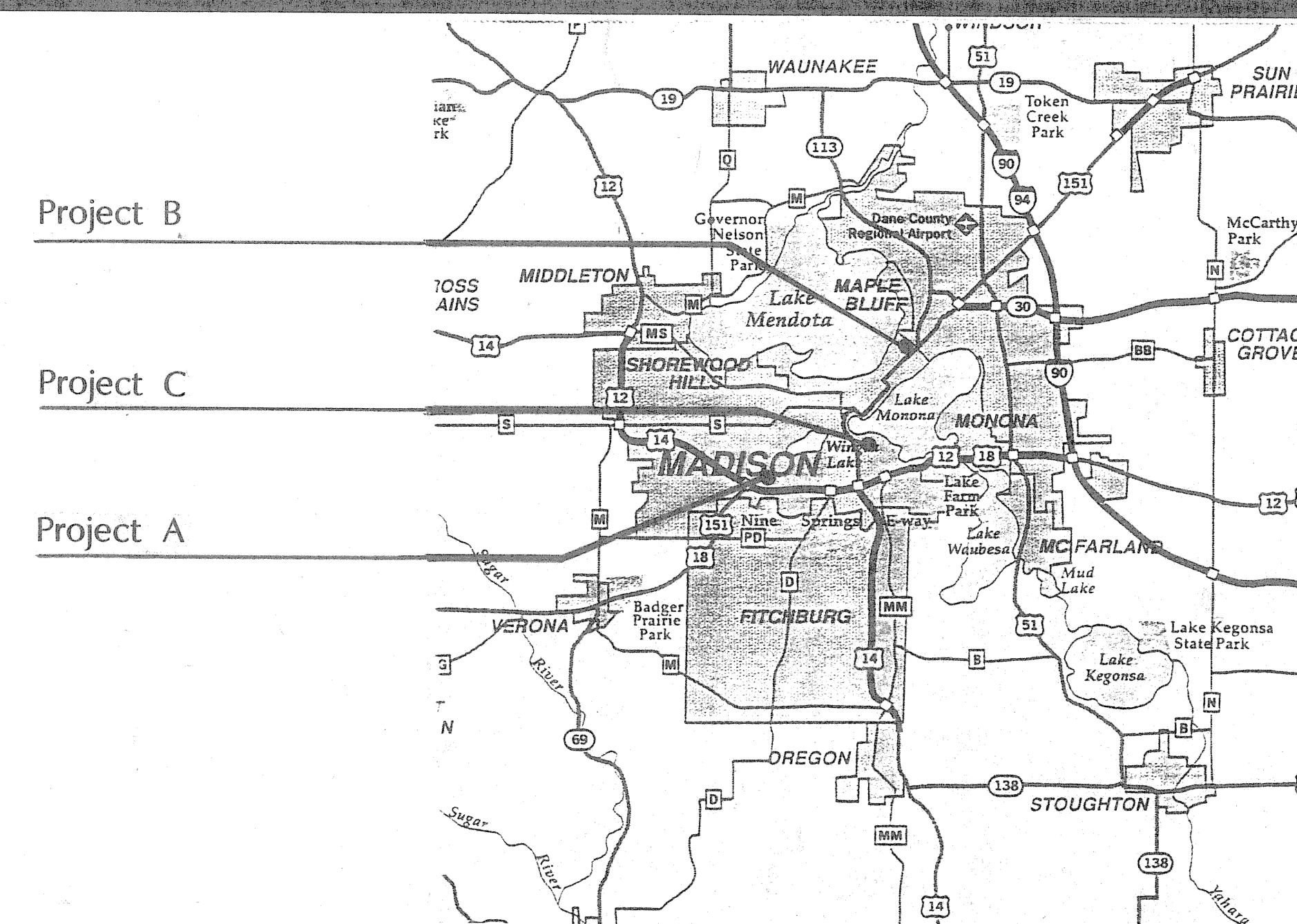
SYMBOLS



MATERIALS



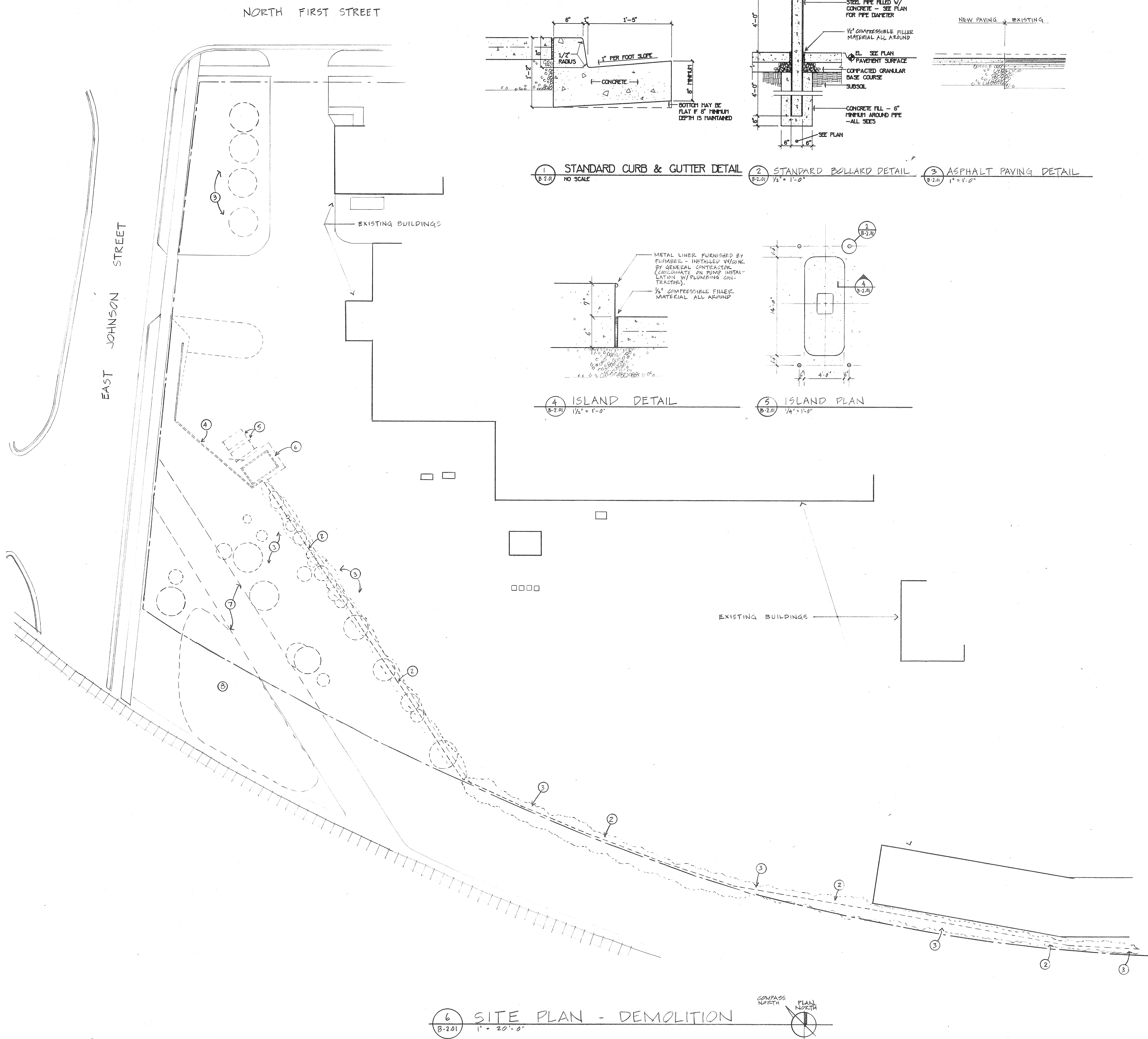
LOCATION MAP



7-27-92 ISSUED FOR CONSTRUCTION		
Date	Issuance / Revisions	Symbol
ADDITIONS AND REMODELING FOR THE CITY OF MADISON MADISON, WISCONSIN		
Drawing Title TITLE DRAWING		
Project No. 9202000	Drawing No.	1.01
Drawn By ML		

Consultant

Seal & Notes



DEMOLITION NOTES

1. DASHED LINES INDICATE ITEMS TO BE REMOVED - SEE MECH PLANS FOR ADDITIONAL NOTES & WORK.
2. REMOVE EXISTING CHAIN LINK FENCE
3. REMOVE EXISTING SHRUBS & TREES
4. REMOVE EXISTING WOOD FENCE
5. EXISTING RECYCLING BINS TO BE RELOCATED BY OWNER
6. EXISTING OIL RECYCLING CENTER & GRAVEL BED TO BE REMOVED BY OWNER
7. EXISTING GRAVEL RAILROAD BED. REMOVE AS REQUIRED TO PROVIDE 12" TOP SOIL ABOVE.
8. EXISTING DEPRESSION.

Date	Issued For / Revisions	Symbol
7-27-92	ISSUED FOR CONSTRUCTION	

ADDITIONS AND REMODELING
 FOR THE
 CITY OF MADISON
 MADISON, WISCONSIN

Drawing Title
SITE PLAN - DEMOLITION & SITE DETAILS

Project No. 12026.00	Drawing No.
Drawn By RF	

SHEET B-2.01

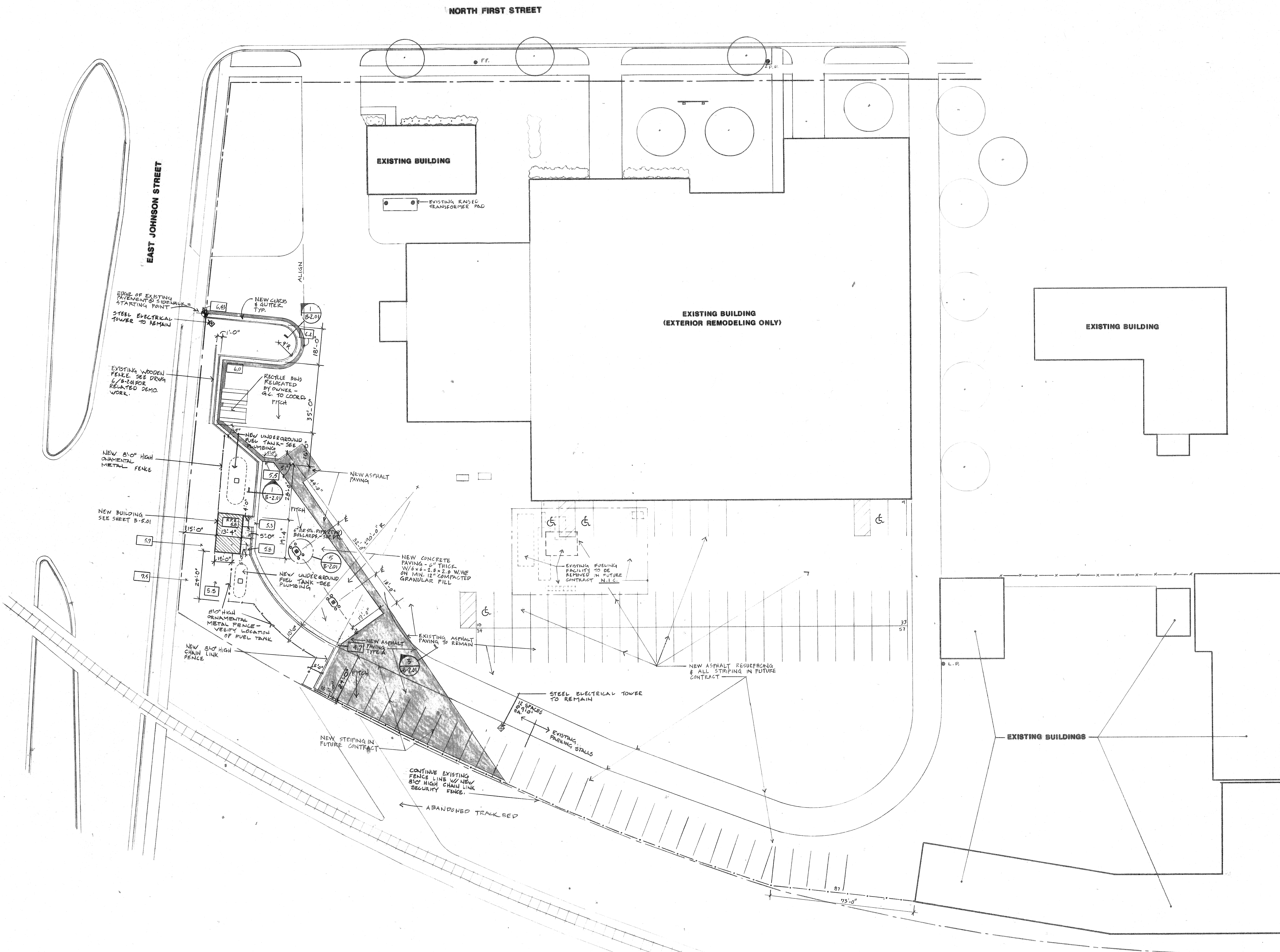
DRAWING BOOK 544549

Consultant

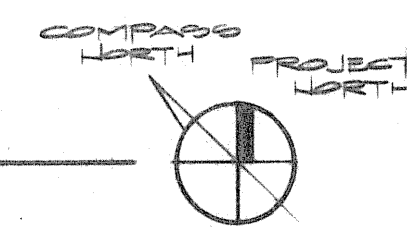
Scale & Notes

KEY TO SYMBOLS

- — — — — PROPERTY LINE
- — — — — NEW FENCE LINE
- x — — — — — EXISTING FENCE LINE (SEE DEMO PLAN)



1 SITE PLAN
 3-24
 1" = 20'-0"



7-27-92 ISSUED FOR CONSTRUCTION

Date	Issuance / Revisions	Symbol

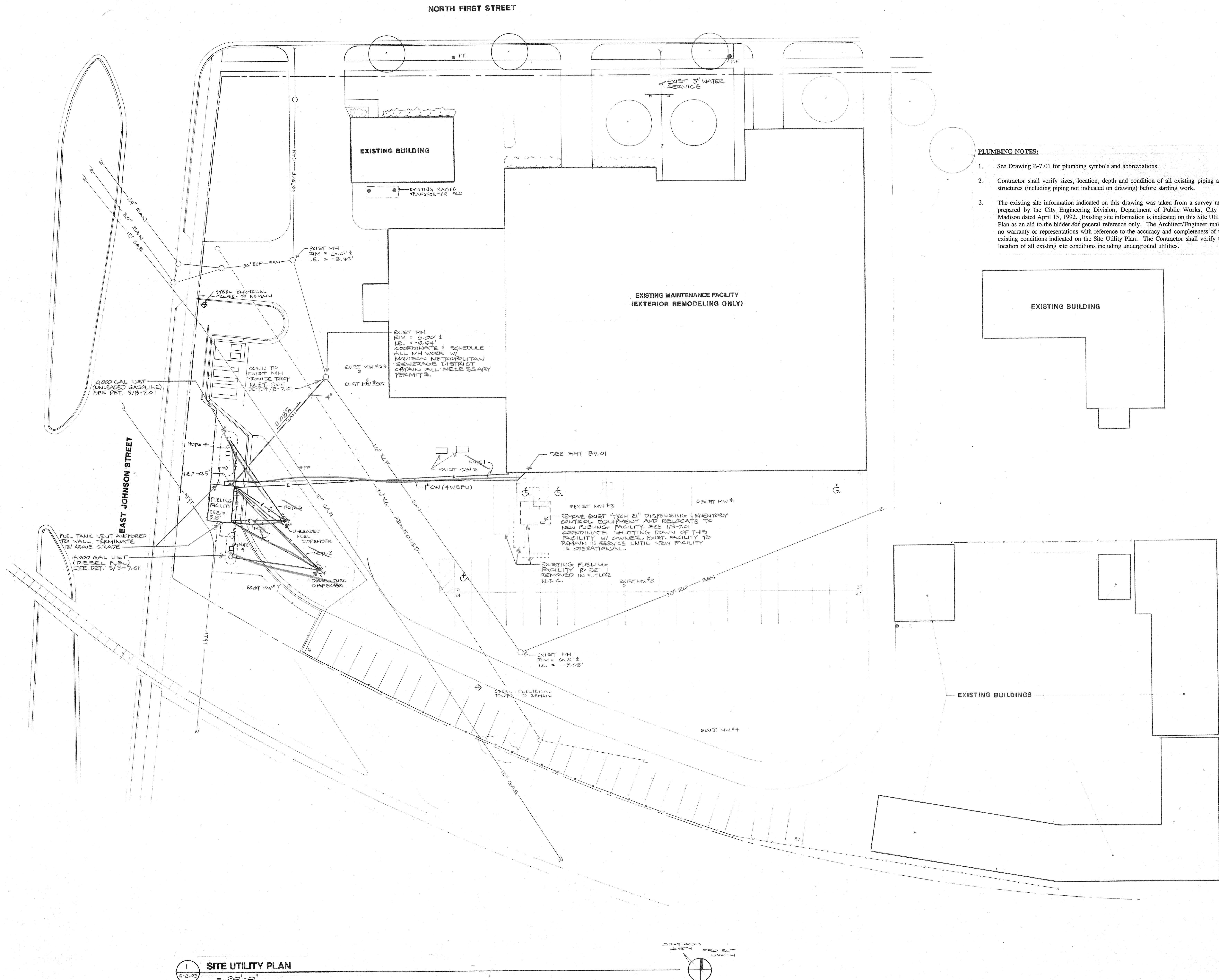
ADDITIONS AND REMODELING
 FOR THE:

CITY OF MADISON

MADISON, WISCONSIN

Drawing Title
 SITE PLAN

Project No. 9202600	Drawing No. B-2.02
Drawn By PK	



- PLUMBING NOTES:**
- See Drawing B-7.01 for plumbing symbols and abbreviations.
 - Contractor shall verify sizes, location, depth and condition of all existing piping and structures (including piping not indicated on drawing) before starting work.
 - The existing site information indicated on this drawing was taken from a survey map prepared by the City Engineering Division, Department of Public Works, City of Madison dated April 15, 1992. Existing site information is indicated on this Site Utility Plan as an aid to the bidder for general reference only. The Architect/Engineer makes no warranty or representations with reference to the accuracy and completeness of the existing conditions indicated on the Site Utility Plan. The Contractor shall verify the location of all existing site conditions including underground utilities.

- ELECTRICAL NOTES:**
- PROVIDE THREE 1" PVC CONDUITS, MIN 3'0" BELOW GRADE (ONE TELEPHONE, ONE POWER, AND ONE SPARE). PROVIDE 3/4" IN POWER CONDUIT TO FEED NEW PANEL IN FUELING FACILITY. SEE SHEET B-9.01.
 - PROVIDE TWO 1" CONDUITS FROM EACH FUEL DISPENSER TO CONTROLLER. SEE SHEET B-9.01.
 - PROVIDE 120V TO FUEL DISPENSERS FOR DISPENSER LIGHTS. CONDUIT SHALL BE 3/4" RIGID STEEL.
 - EXTEND 3" IN 3/4" RIGID STEEL CONDUIT FROM 20/2 BREAKER TO SUBMERSIBLE FUEL PUMP (DIESEL PUMP-1/2 HP, 240V, 1G; UNLEADED PUMP-3/4 HP, 240V, 1G).

1 SITE UTILITY PLAN
 8-2-02 1" = 20'-0"

7-27-76	ISSUED FOR CONSTRUCTION	
Date	Issuance / Revisions	Symbol

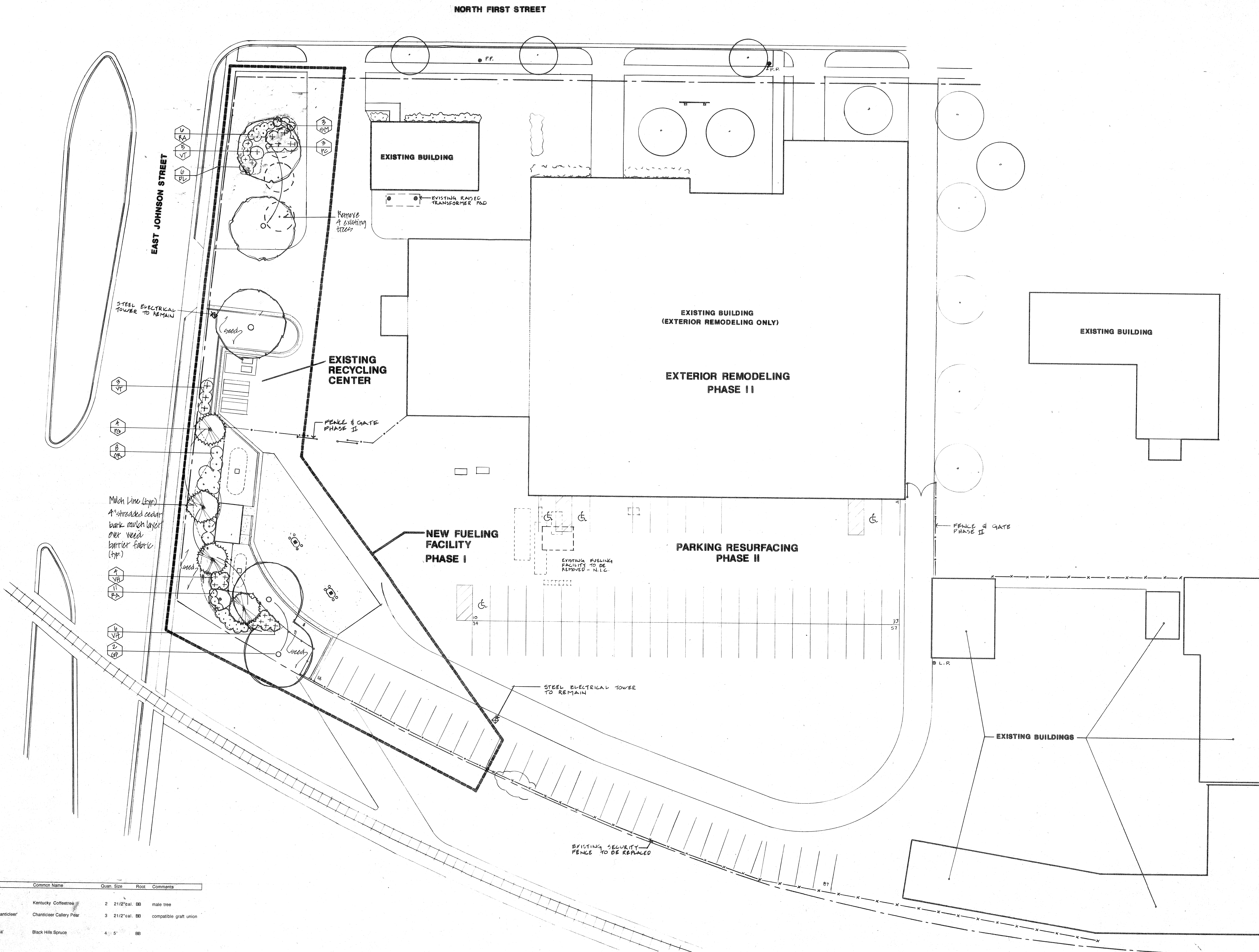
ADDITIONS AND REMODELING FOR THE CITY OF MADISON MADISON, WISCONSIN

Drawing Title SITE UTILITY PLAN	
Project No. 9202600	Drawing No. B-2.03
Drawn By AJO	

Consultant

KEN SAIKI DESIGN LANDSCAPE ARCHITECTS

Scale & Notes



PLANT LIST

Key	Botanical Name	Common Name	Quan.	Size	Root	Comments
SHADE TREES						
00	Gymnocladus dioica	Kentucky Coffeetree	2	2 1/2" cal.	BB	male tree
0C	Pyrus calleryana 'Chanticleer'	Chanticleer Callery Pear	3	2 1/2" cal.	BB	compatible graft union
EVERGREEN						
0G	Picea glauca 'Denata'	Black Hills Spruce	4	5'	BB	
SHRUBS						
01	Cornus racemosa	Gray Dogwood	8	24"	cont.	
DL	Diervilla sessilifolia	Southernbush Honeysuckle	6	13"	cont.	
RA	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	17	2 gal.	cont.	
SM	Syringa meyeri	Dwarf Korean Lilac	3	18"	cont.	
VP	Viburnum prunifolium	Blackhaw Viburnum	1	3'	BB	
VH	Viburnum trilobum 'Hahn'	Hahn Cranberrybush Viburnum	10	15"	cont.	
VT	Viburnum trilobum	Cranberrybush Viburnum	8	38"	cont.	

LANDSCAPE PLAN

1
 0-2.04
 1" = 20'-0"

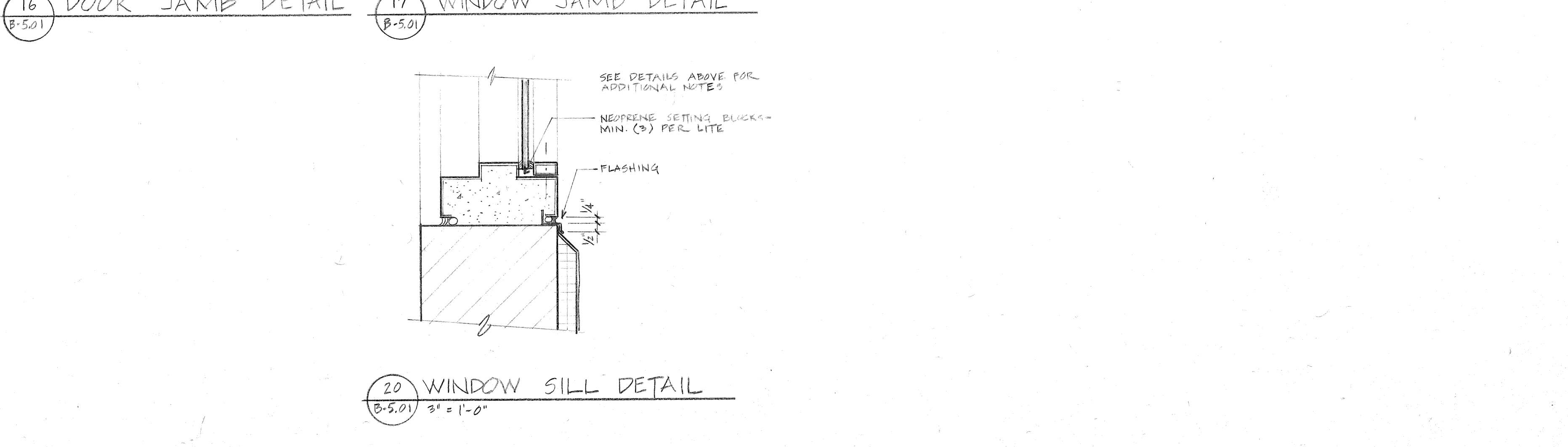
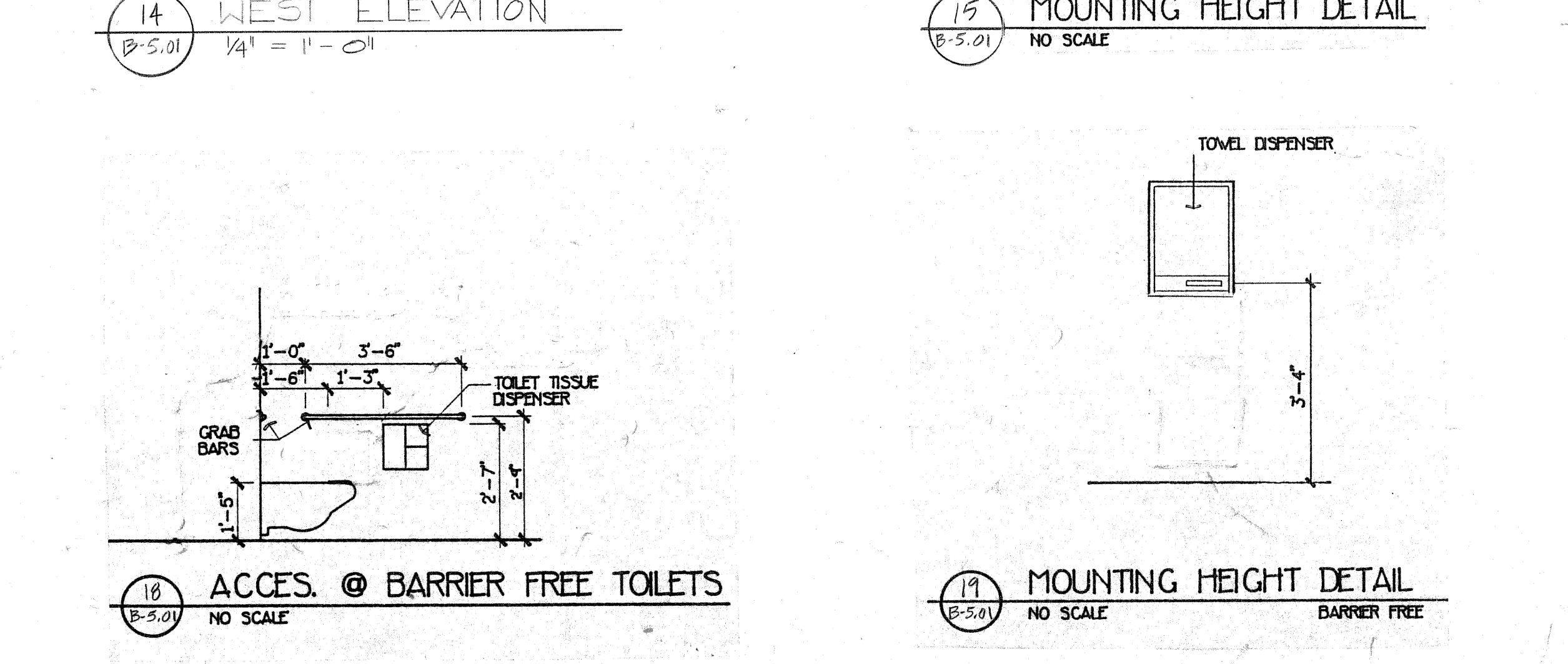
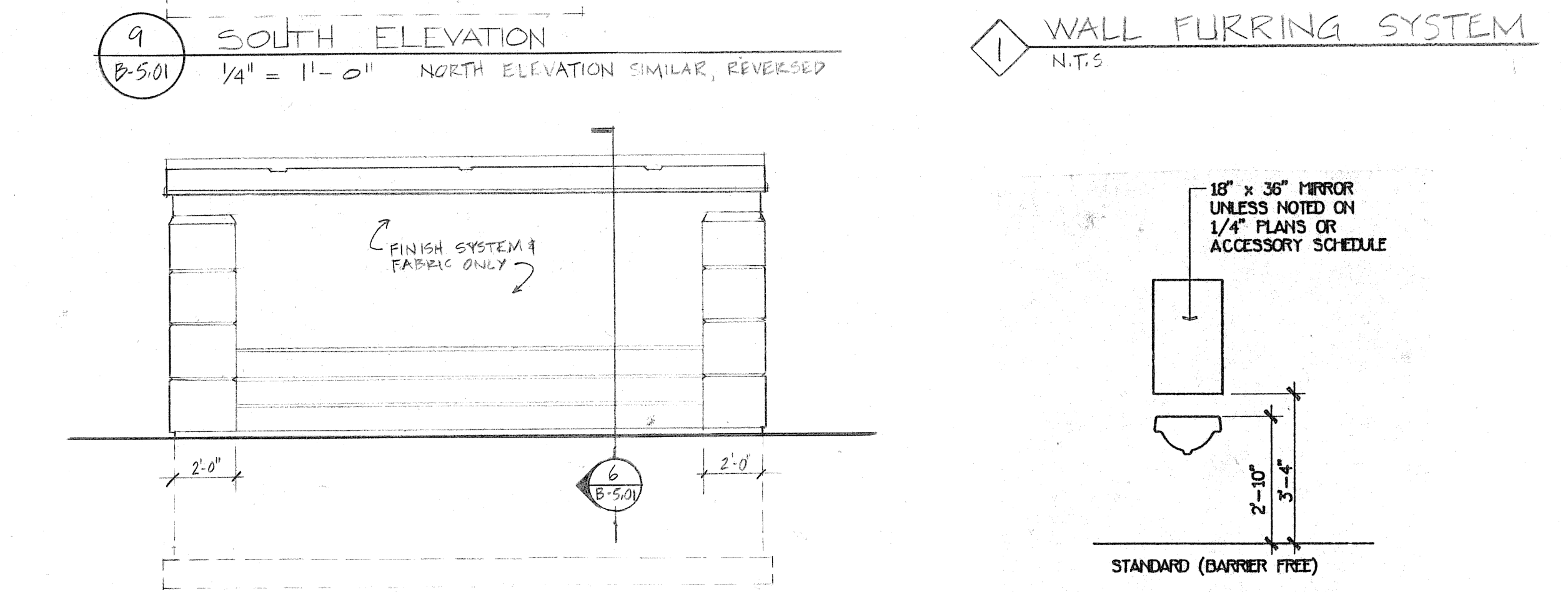
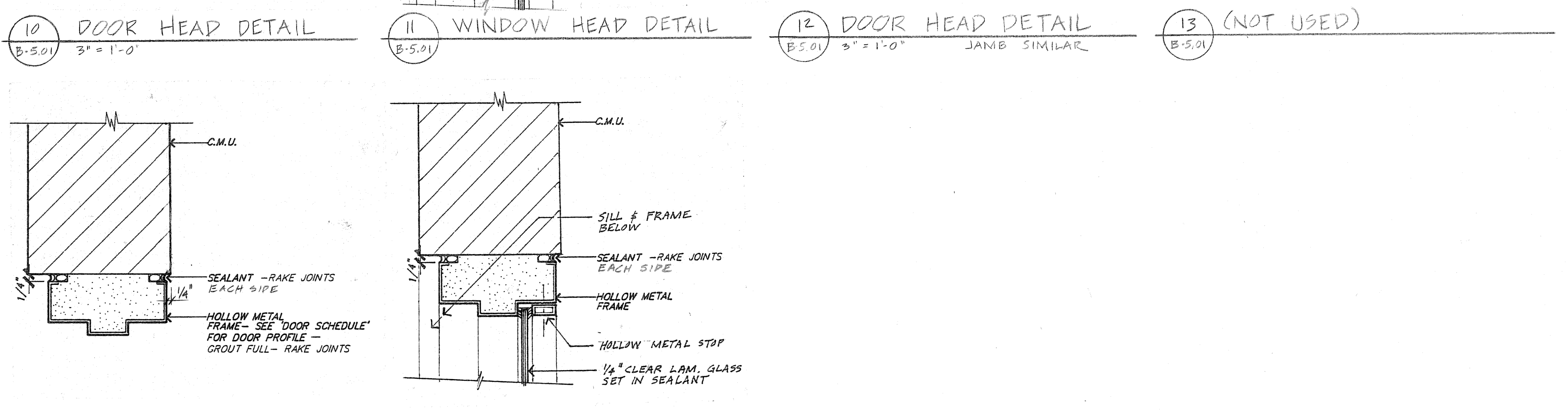
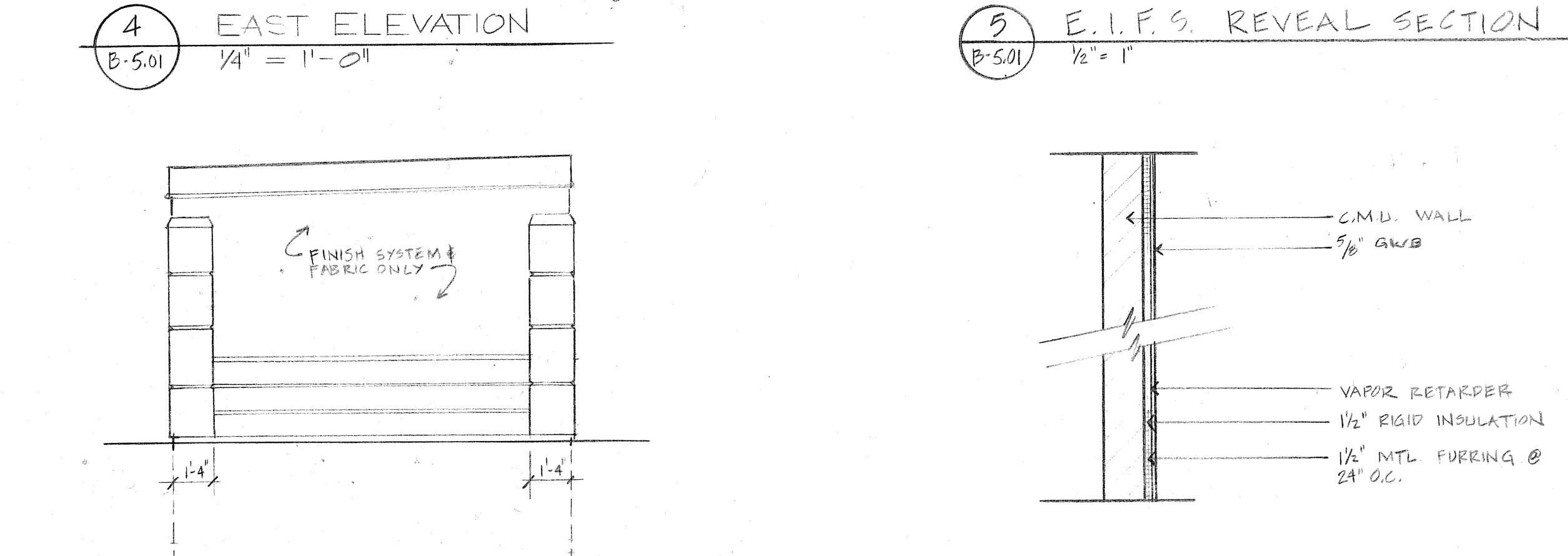
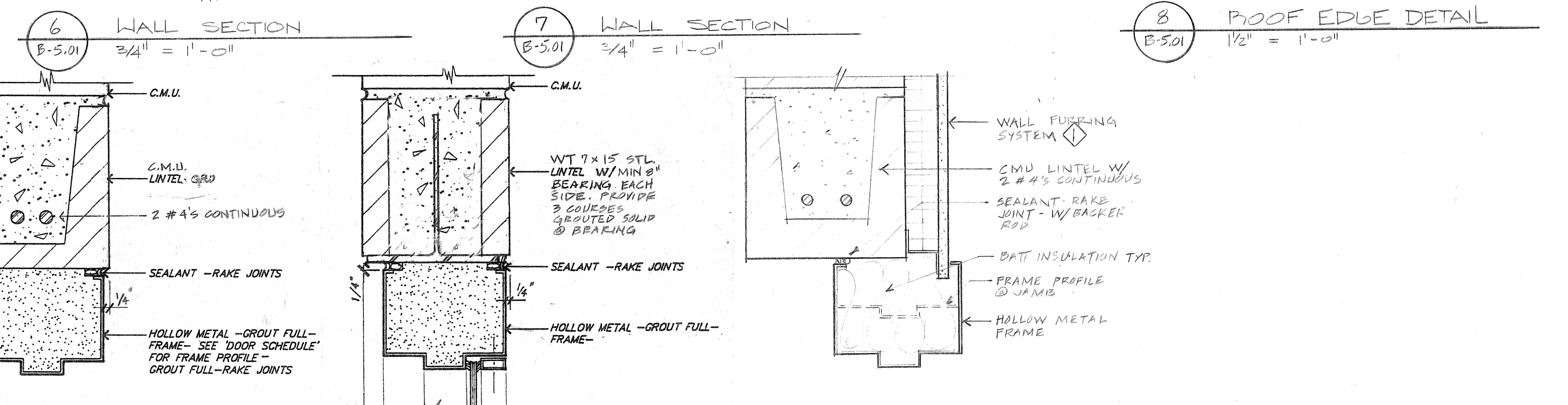
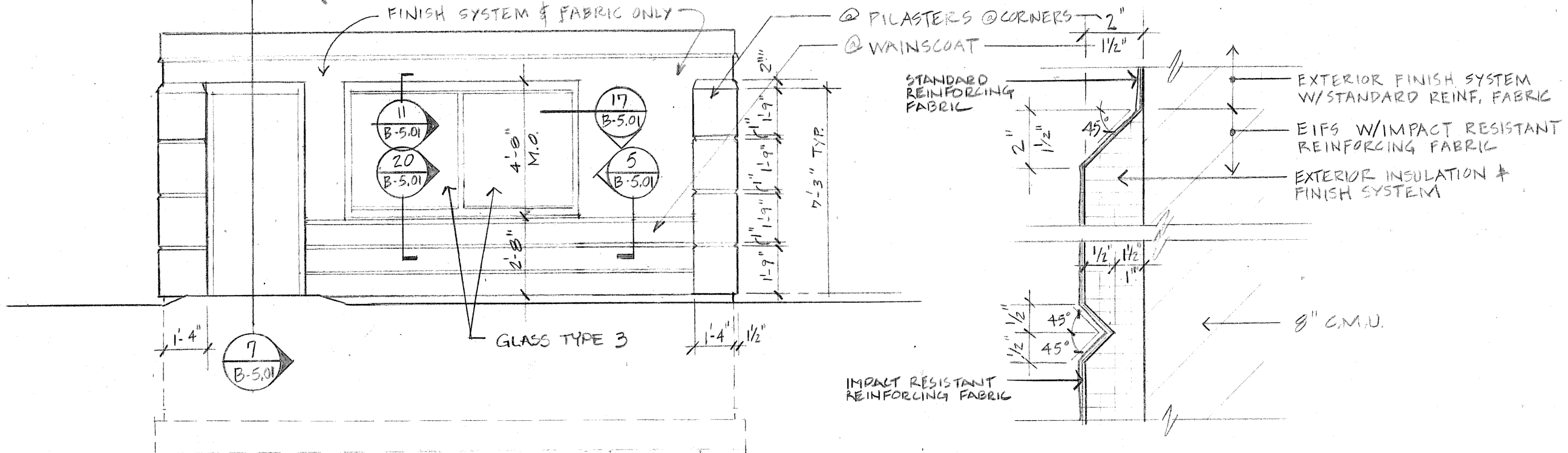
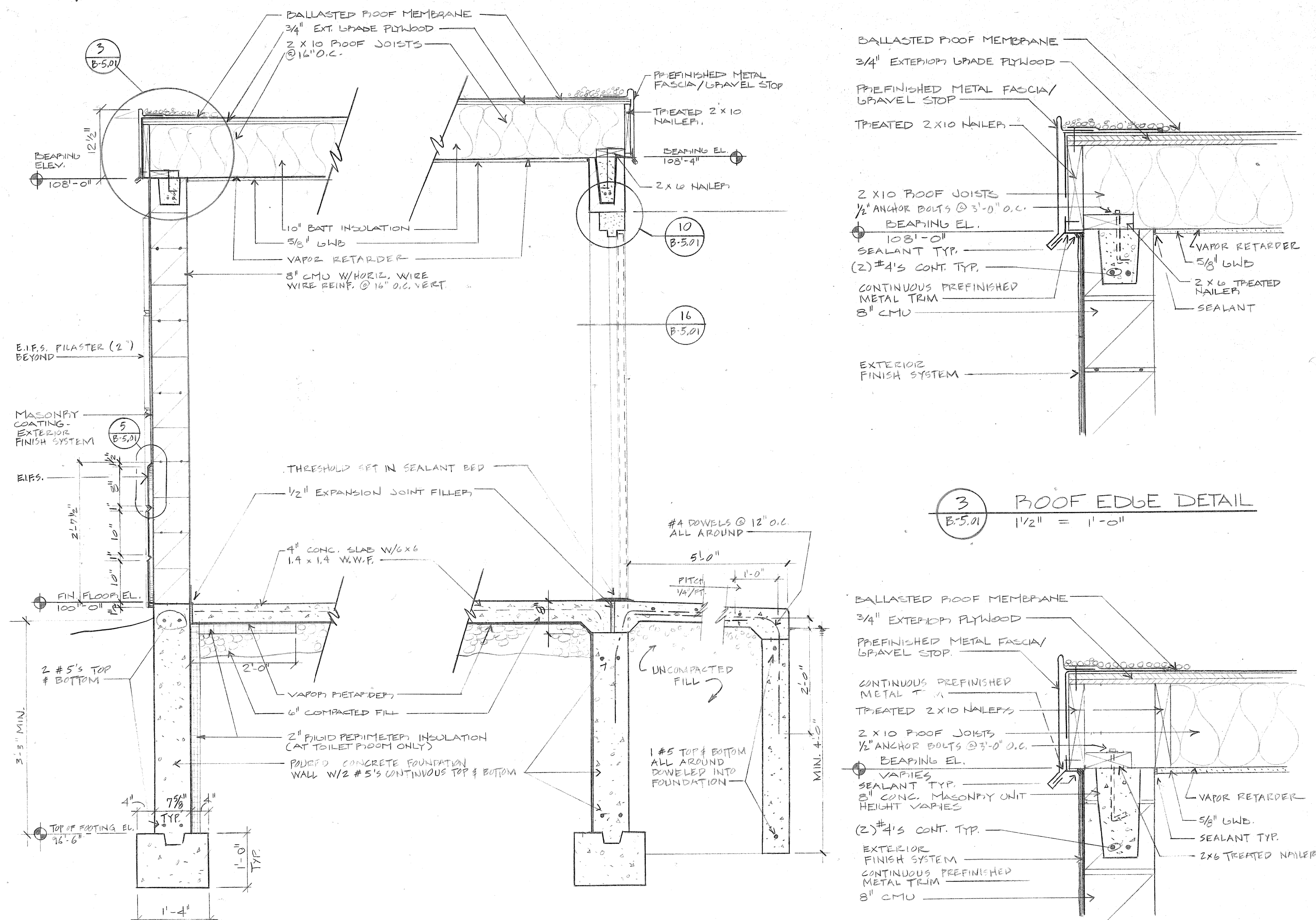
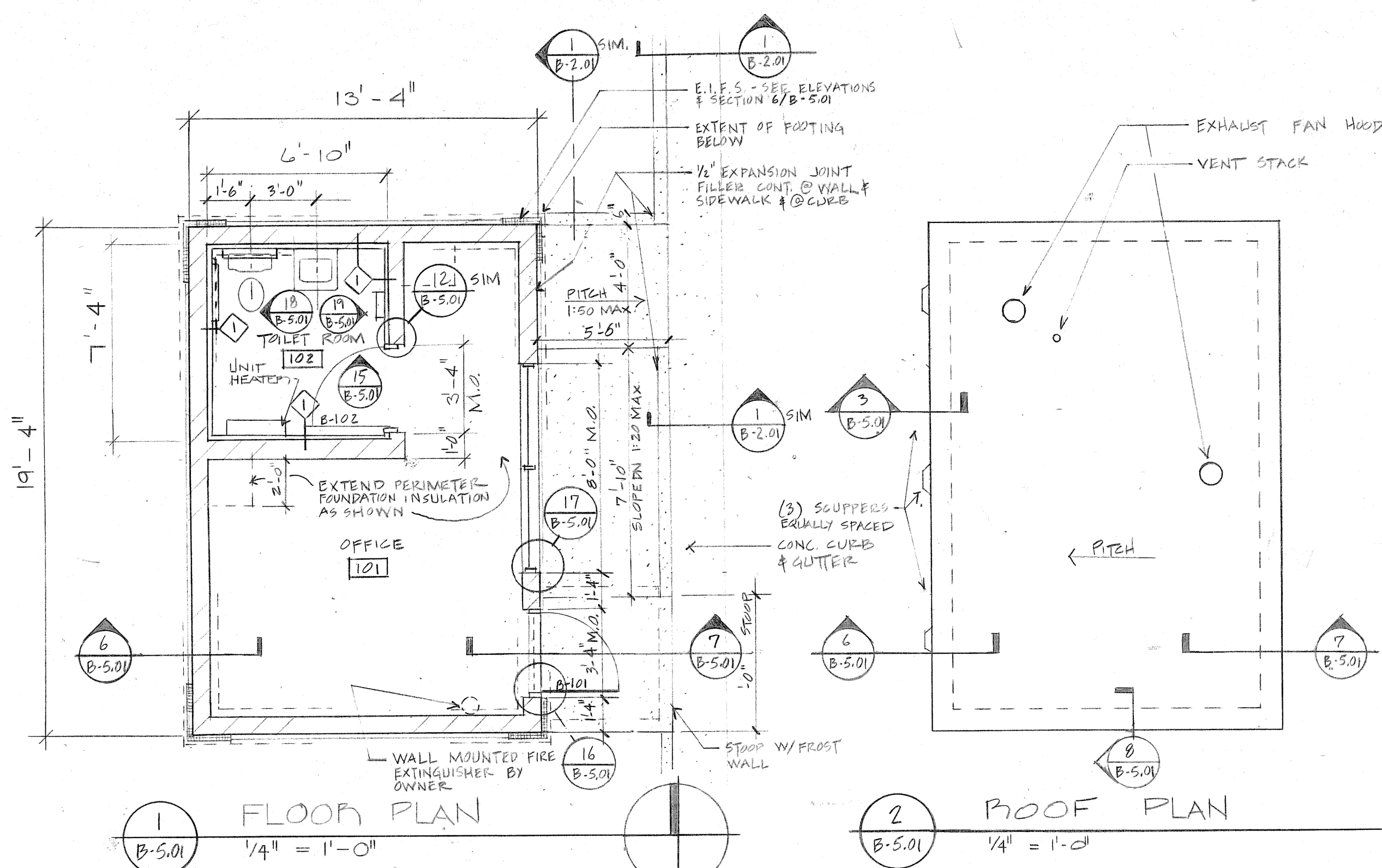
7-2-92 ISSUED FOR CONSTRUCTION

Date	Issuance / Revisions	Symbol

ADDITIONS AND REMODELING FOR THE CITY OF MADISON MADISON, WISCONSIN

Drawing Title
SITE PLAN

Project No.	Drawing No.
1202600	B-2.04
Drawn By	

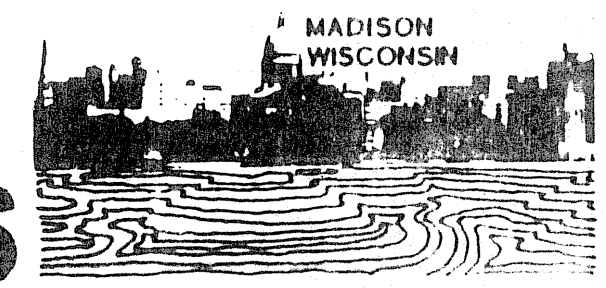


Date	Issuance / Revisions	Symbol
7-27-92	ISSUED FOR CONSTRUCTION	

ADDITIONS AND REMODELING
FOR THE
CITY OF MADISON
MADISON, WISCONSIN

Drawing Title FUELING FACILITY PLANS, SECTIONS, DETAILS	Project No. 92.02L.00	Drawing No. B-5.01
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City Engineering Div. Dept. Of Public Works



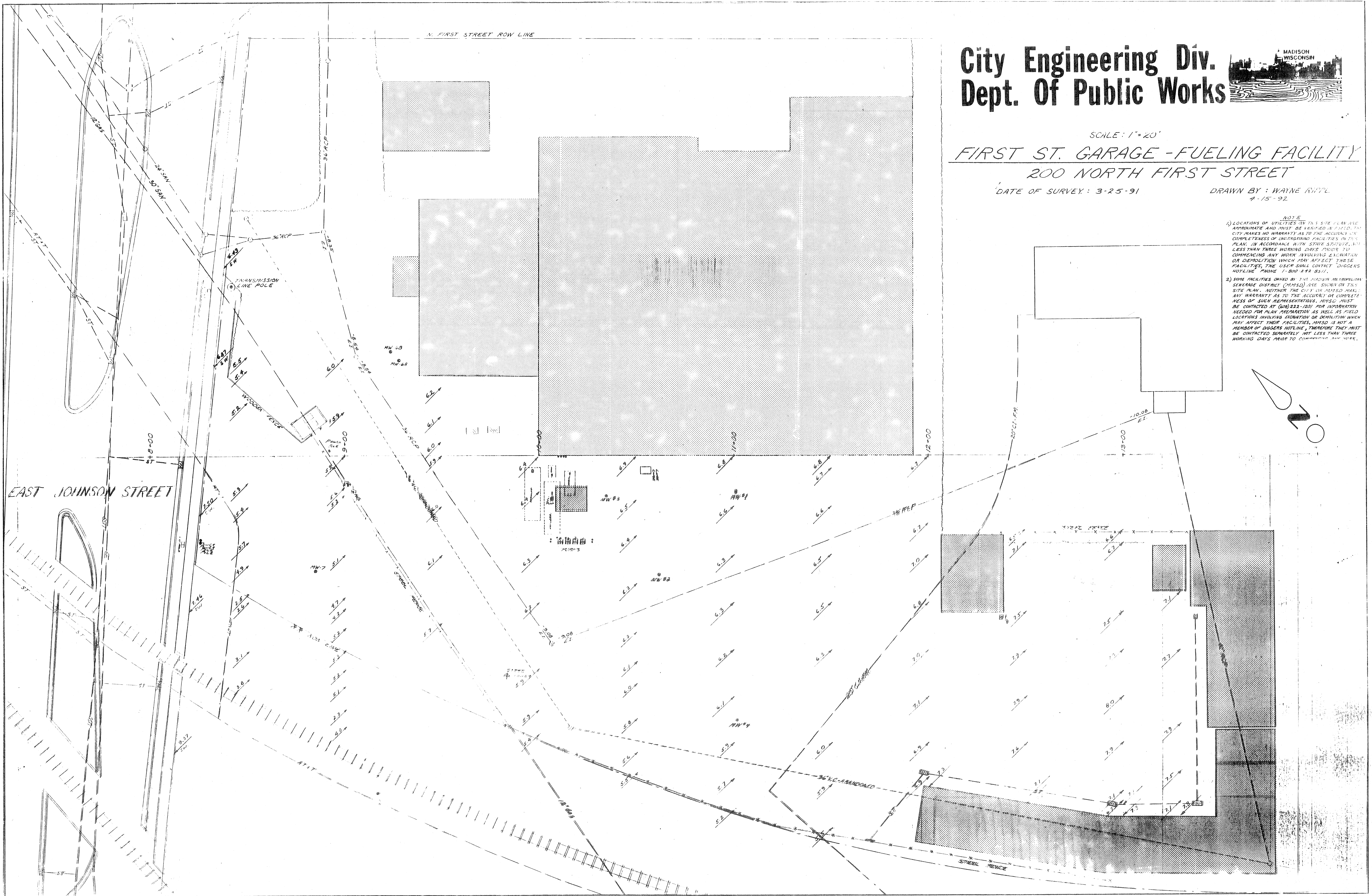
SCALE: 1"=20'

FIRST ST. GARAGE - FUELING FACILITY 200 NORTH FIRST STREET

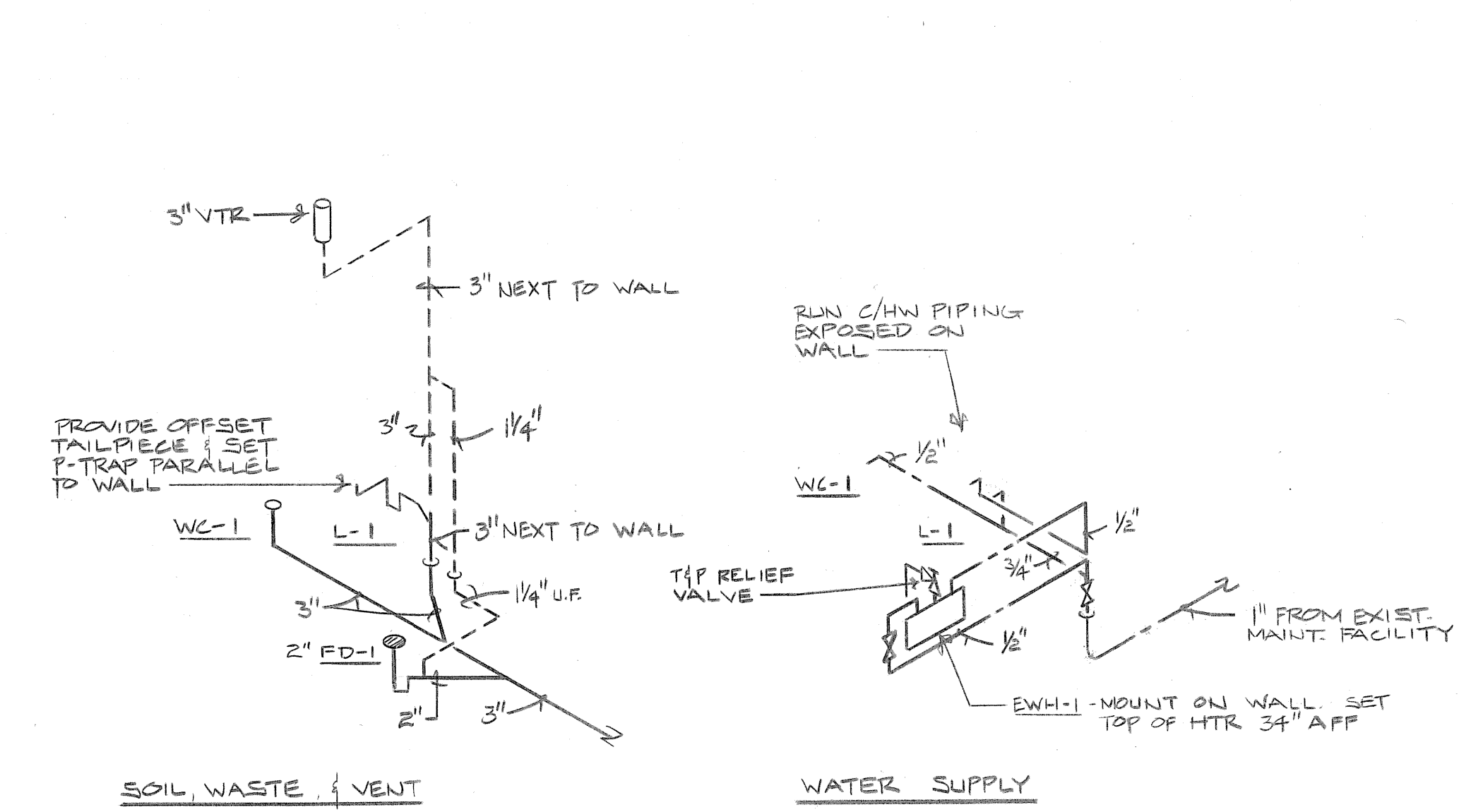
DATE OF SURVEY: 3-25-91

DRAWN BY: WAYNE RAYL
4-15-92

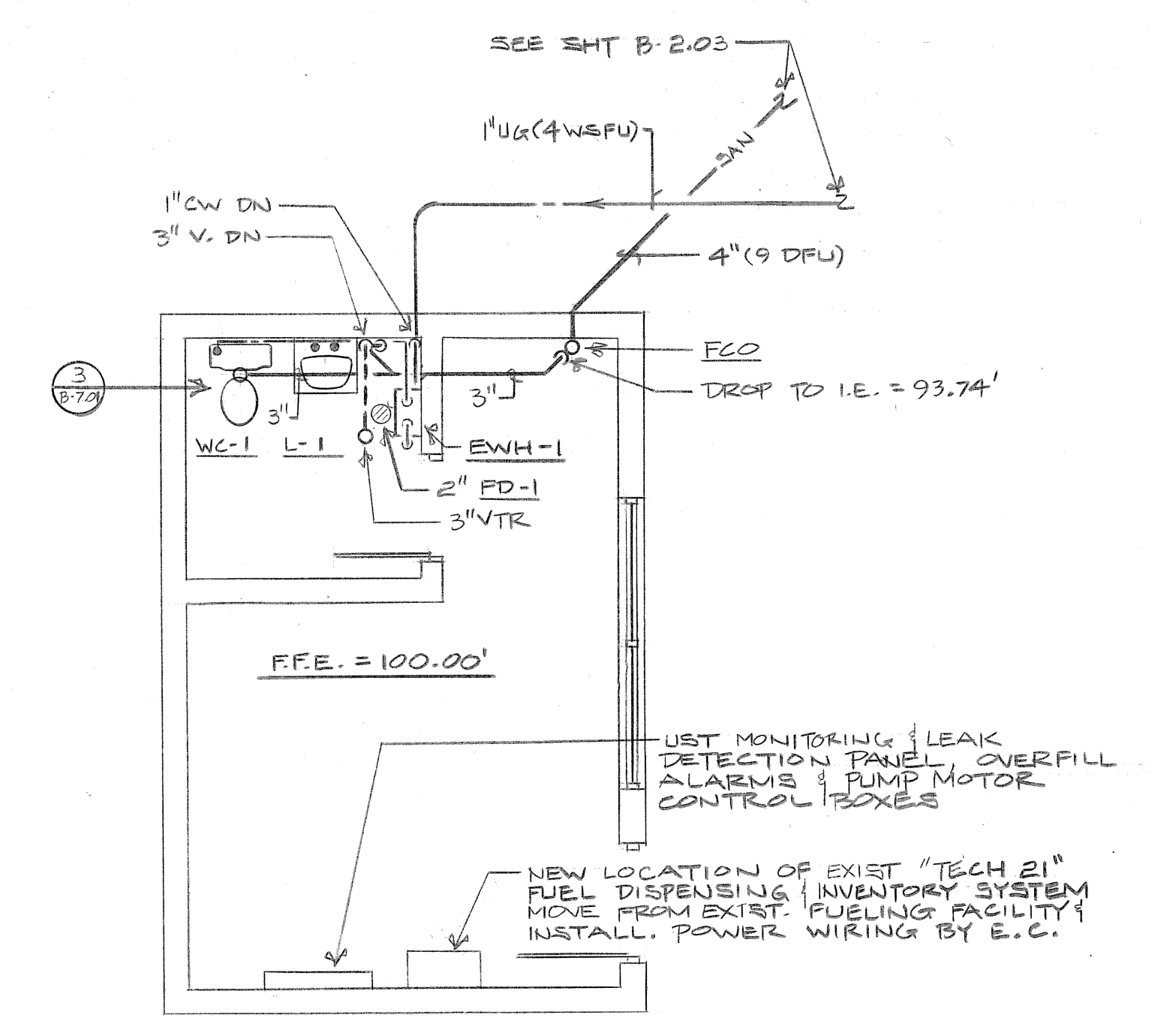
- NOTE
- 1) LOCATIONS OF UTILITIES ON THIS SITE PLAN ARE APPROXIMATE AND MUST BE VERIFIED BY FIELD. THE CITY MAKES NO WARRANTY AS TO THE ACCURACY OR COMPLETENESS OF UNDISCOVERED FACILITIES IN THIS PLAN. IN ACCORDANCE WITH STATE STATUTE, NOT LESS THAN THREE WORKING DAYS BEFORE THE COMMENCING ANY WORK INVOLVING EXCAVATION OR DEMOLITION WHICH MAY AFFECT THESE FACILITIES THE USER SHALL CONTACT THE USER'S NOTICING PHONE 1-800-422-8311.
 - 2) SOME FACILITIES OWNED BY THE MADISON METROPOLITAN SEWERAGE DISTRICT (MSD) ARE LOCATED ON THIS SITE PLAN. NOTWITHSTANDING THE CITY'S BEST EFFORTS, ANY WARRANTY AS TO THE ACCURACY OR COMPLETENESS OF SUCH REPRESENTATIONS, ALSO, MUST BE CONTACTED AT (608)222-1801 FOR INFORMATION NEEDED FOR PLAN PREPARATION AS WELL AS FIELD LOCATIONS. ANY WORK INVOLVING EXCAVATION WHICH MAY AFFECT THESE FACILITIES, ALSO, IS NOT A MEMBER OF USERS NOTICING, THEREFORE THEY MUST BE CONTACTED SEPARATELY NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCING ANY WORK.



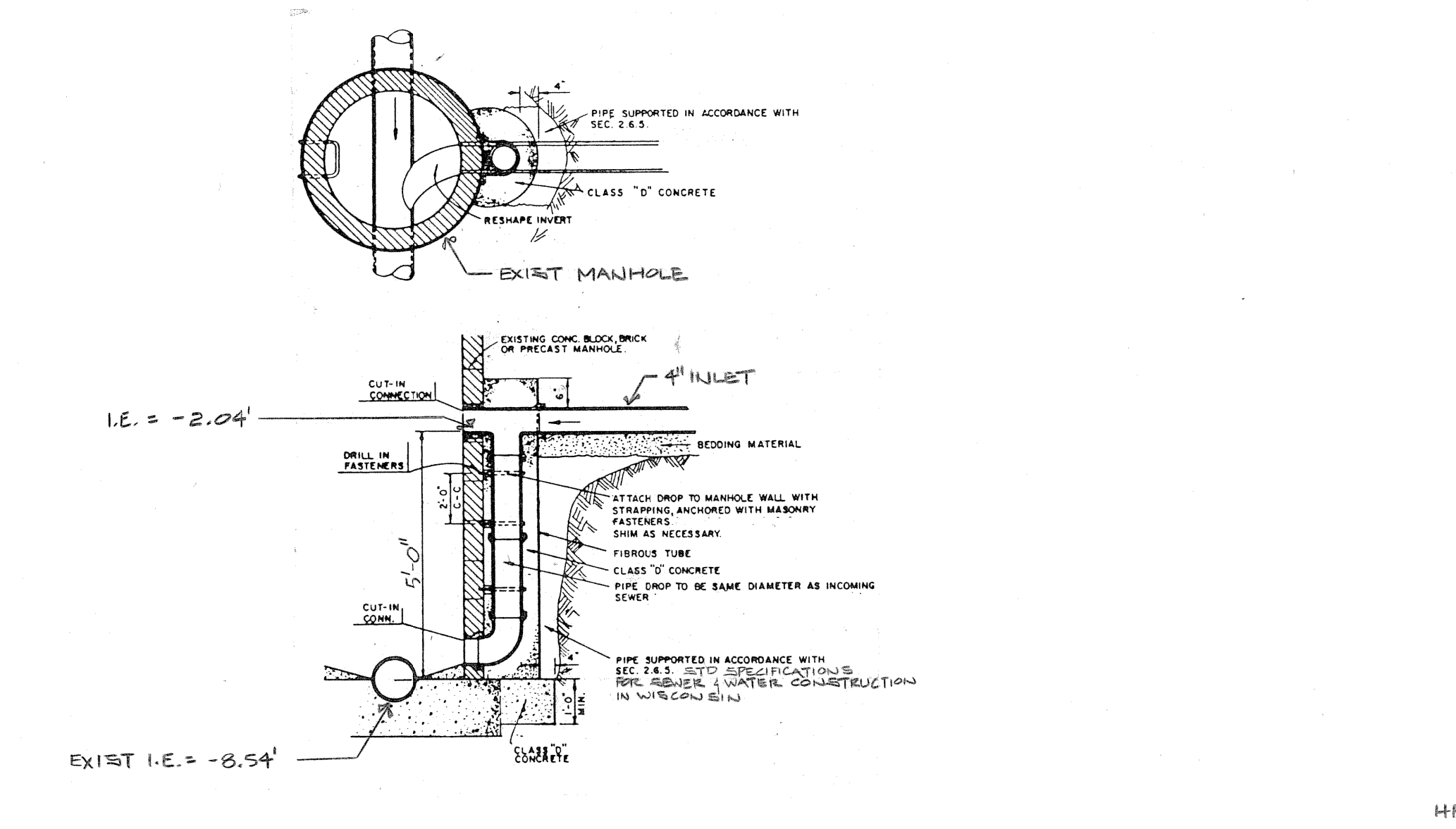
PLUMBING ABBREVIATIONS	PLUMBING SYMBOLS
AFF ABOVE FINISHED FLOOR	NEW PIPING
ASC ABOVE SUSPENDED CEILING	EXISTING PIPING TO REMAIN
AP ACCESS PANEL	EXISTING PIPING TO BE REMOVED
AV ACID VENT	ACID WASTE
AW ACID WASTE	ACID WASTE
CB CATCH BASIN	ACID VENT
CI CAST IRON	COLD WATER
CO CLEANOUT	GAS
CW COLD WATER	HOT WATER
DFU DRAINAGE FIXTURE UNITS	HOT WATER RETURN
DN DOWN	SANITARY SEWER
EC ELECTRICAL CONTRACTOR	SANITARY PIPING
ETW EXISTING TO REMAIN	STORM SEWER
EXIST EXISTING	VENT
FCD FLOOR CLEANOUT	WATER WASH OR SERVICE
FD FLOOR DRAIN	BALANCING VALVES
FMO FINISHED WALL CLEANOUT	CLEANOUT
GC GENERAL CONTRACTOR	ELBOW, TURNED UP
HC HEATING CONTRACTOR	ELBOW, TURNED DOWN
HM HOT WATER RETURN	FIRE HYDRANT
IE INVERT ELEVATION	PIPE CAP
L LAVATORY	PITCH
MB MOP BASIN	RISE/DROP FROM TEE
MI MANHOLE	IN SUPPLY PIPING
MM MONITORING MELL	TEE OUTLET, DOWN
PC PLUMBING CONTRACTOR	TEE OUTLET, UP
RCP REINFORCED CONCRETE PIPE	UNDERGROUND GATE VALVE
S SINK	SQUARE FEET
SAN SANITARY	POINT OF CONNECTION
SFU SANITARY FIXTURE UNITS	NEW TO EXISTING
SH SHOWER	TEE OUTLET, DOWN
SHT SHEET	TEE OUTLET, UP
ST STORM	UNDERGROUND GATE VALVE
U URINAL	SQUARE FEET
UL UNDERLOOR	POINT OF CONNECTION
US UNDERGROUND	NEW TO EXISTING
UST UNDERGROUND STORAGE TANK	TEE OUTLET, DOWN
V VENT	TEE OUTLET, UP
VC VENT THRU ROOF	UNDERGROUND GATE VALVE
VTR VENT THRU ROOF	UNDERGROUND GATE VALVE
W WASTE	VENT THRU ROOF
WC WATER CLOSET	WALL HYDRANT OR HOSE BIBB
WF WASH FOUNTAIN	FLOW
WH WALL HYDRANT	
YCO YARD CLEANOUT	



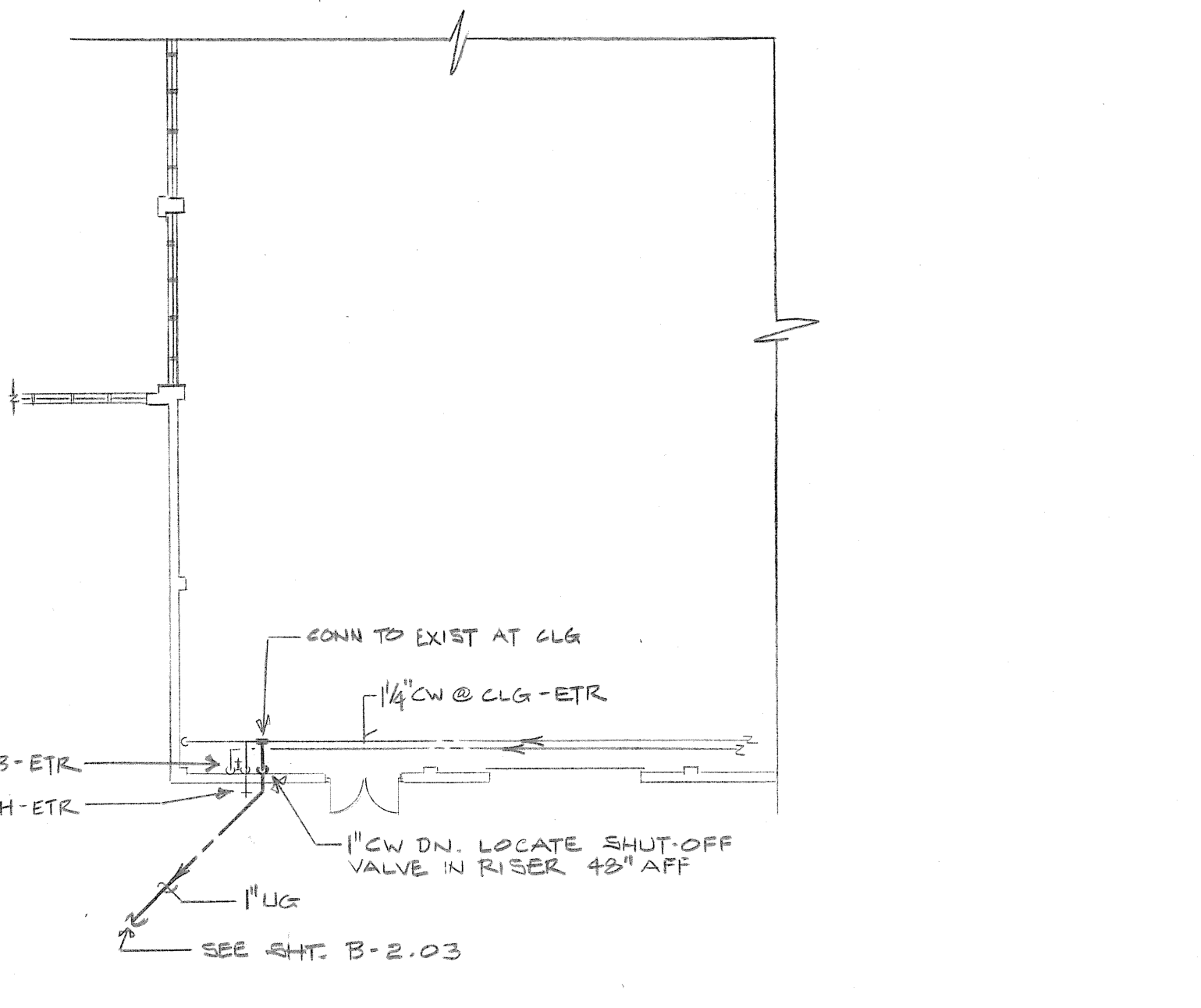
3 RISER DIAGRAMS - FUELING FACILITY
8-7.01 NTS



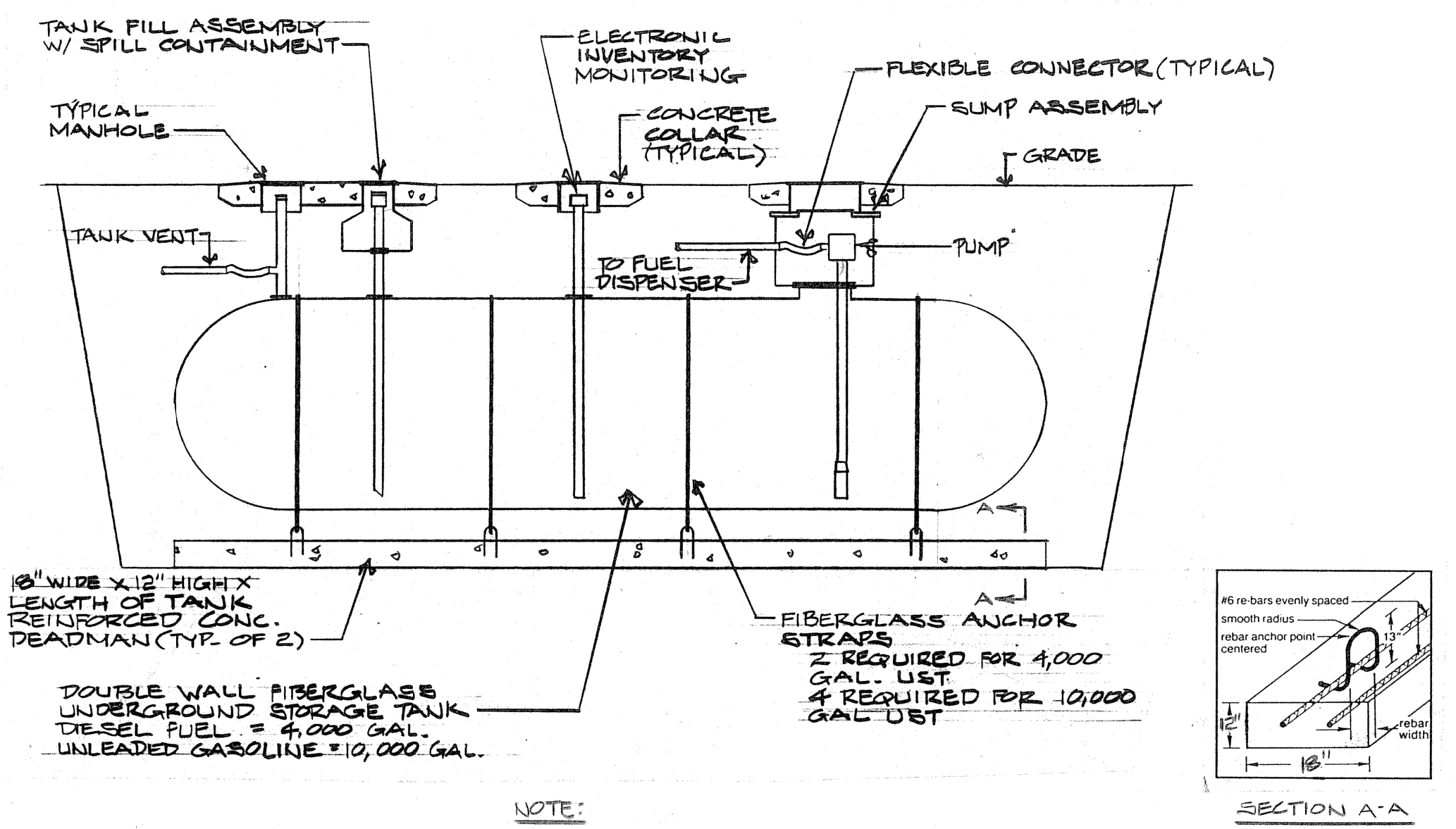
1 FUELING FACILITY FLOOR PLAN - PLUMBING
8-7.01 1/4" = 1'-0" NORTH



4 DROP INLET CONNECTION TO EXISTING MANHOLE
8-7.01 NTS



2 PARTIAL MAINTENANCE FACILITY FLOOR PLAN - PLUMBING
8-7.01 1/16" = 1'-0" NORTH

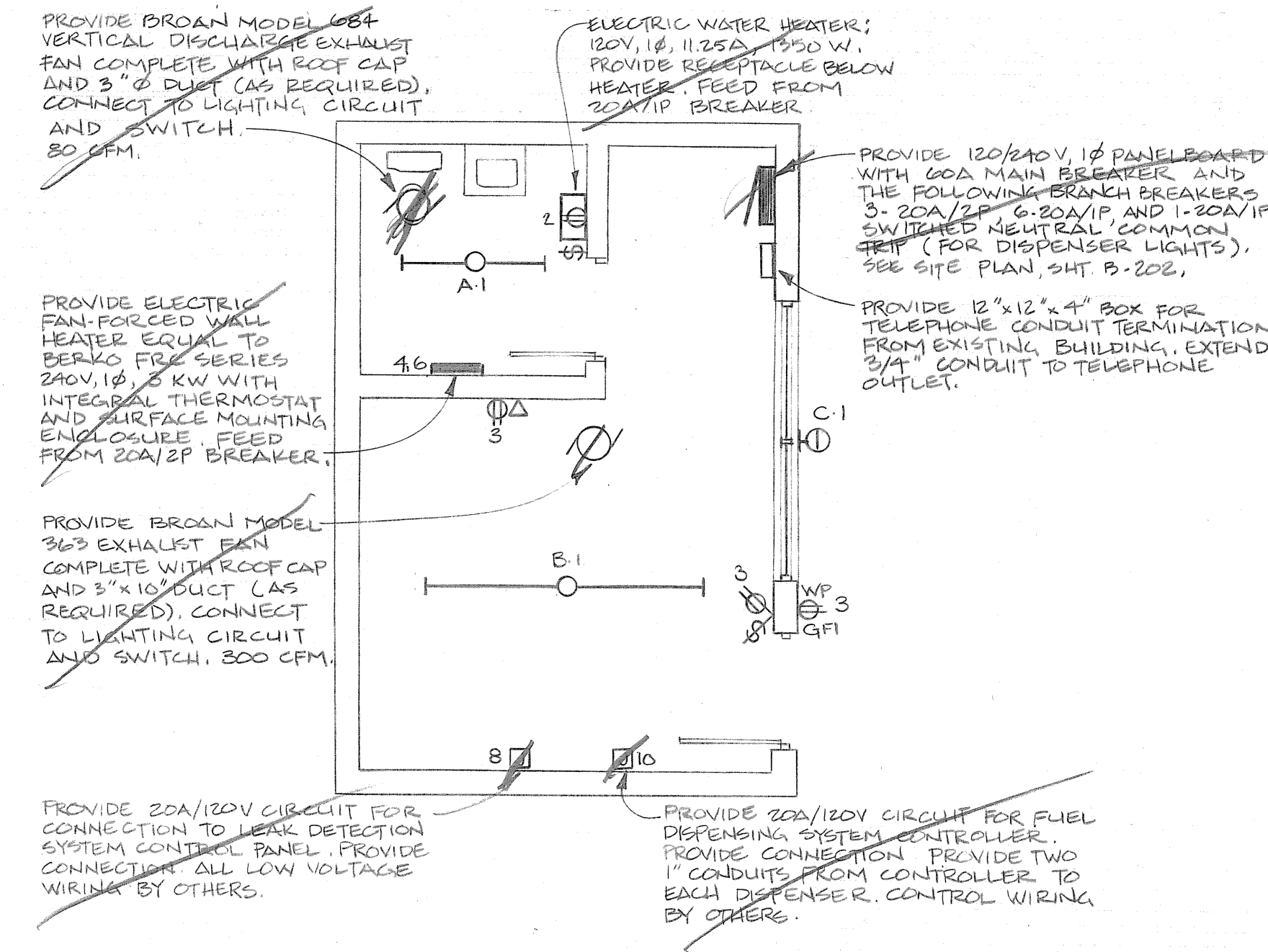
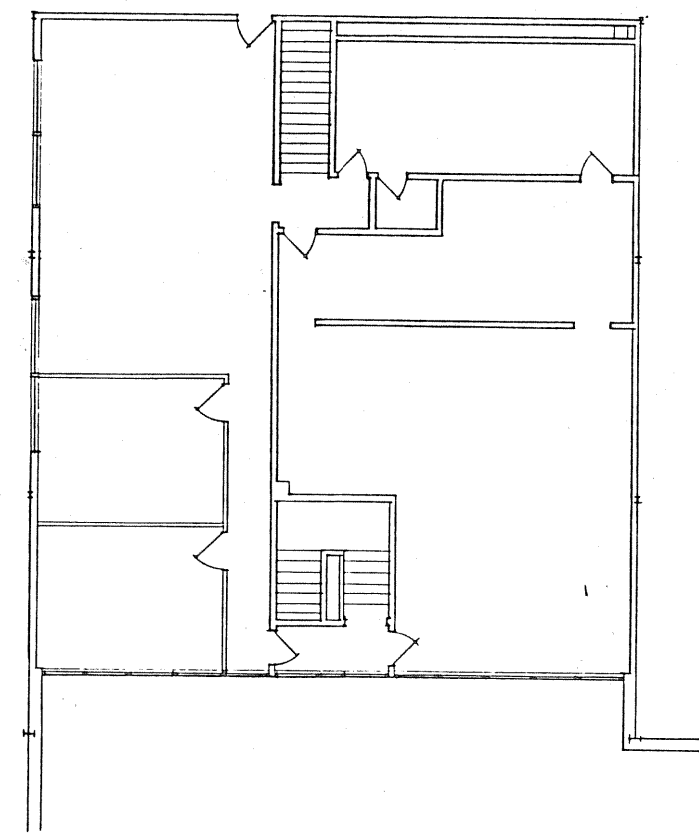


5 UNDERGROUND STORAGE TANK (UST) DETAIL
8-7.01 NTS

Date	Issuance / Revisions	Symbol
7.27.02	ISSUED FOR CONSTRUCTION	

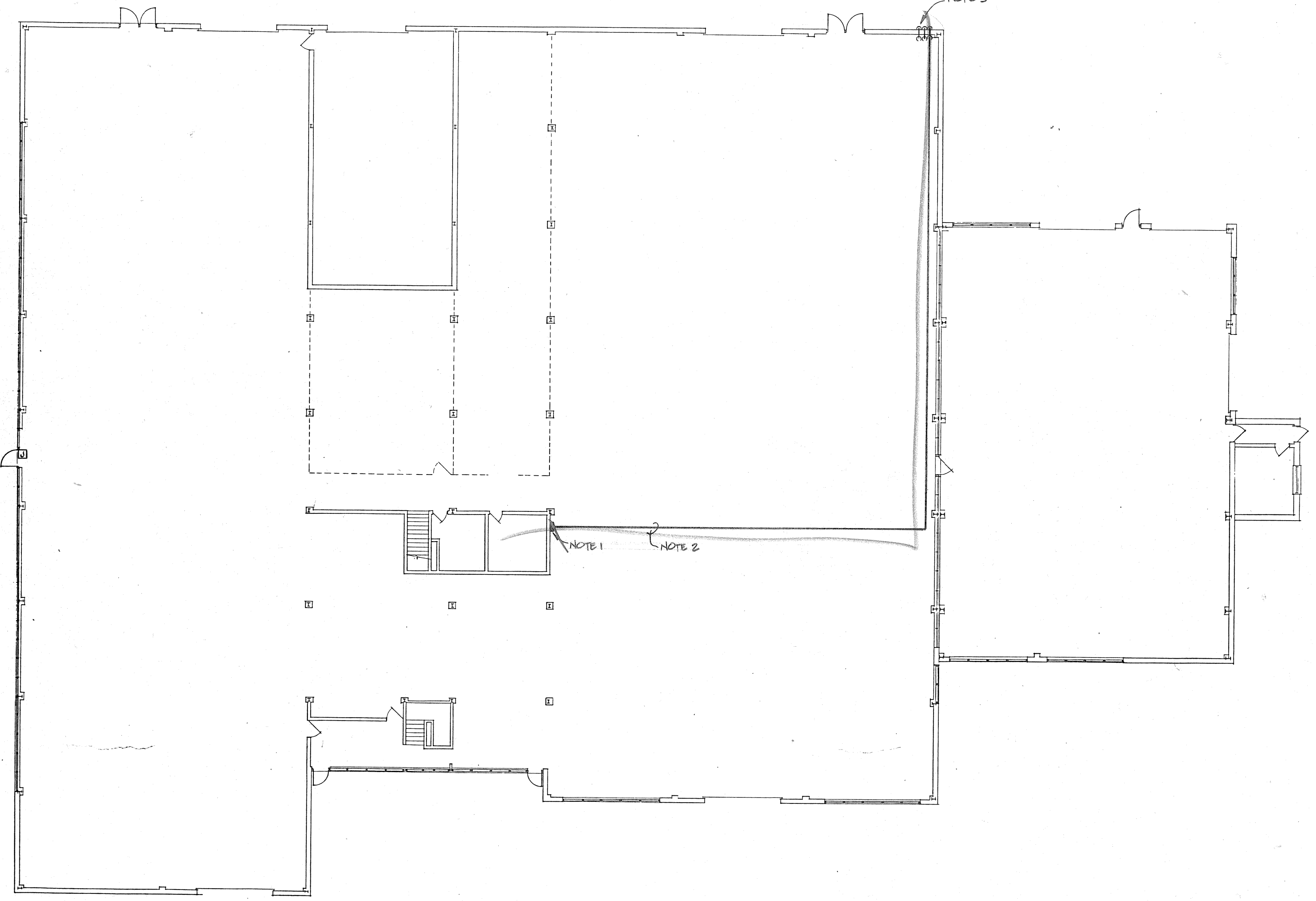
ADDITIONS AND REMODELING
FOR THE
CITY OF MADISON
MADISON, WISCONSIN

Drawing Title FLOOR PLAN & DETAILS - PLUMBING	
Project No. 9202600	Drawing No. A40
Drawn By A40	B-7.01



2 NEW FUELING FACILITY
 8-9.01 1/4" = 1'-0" NORTH

- PROVIDE NEW 60A/2P CIRCUIT BREAKER IN EXISTING SQUARE D PANEL TO FEED PANEL IN NEW GAS BUILDING
- EXTEND 3" O.D. 1" CONDUIT FROM EXISTING PANELBOARD UP TO JOIST SPACE. ROUTE THROUGH BUILDING. DROP AT EXTERIOR WALL TO 18" ABOVE FLOOR. PUNCH THROUGH WALL. PROVIDE LB FITTING AT EXTERIOR AND 1" CONDUIT FROM LB TO MINIMUM 3'-0" BELOW FINISH GRADE. SEE SITE PLAN.
- PROVIDE TWO 1" CONDUITS (ONE TELEPHONE AND ONE SPARE) FROM JOIST SPACE DOWN TO 15" ABOVE FLOOR. EXIT BUILDING THROUGH THE SAME OPENING AS POWER FEEDER. PROVIDE LB FITTINGS AND CONDUIT DOWN TO MINIMUM 3'-0" BELOW GRADE. SEE SITE PLAN. SEAL OPENING THROUGH BUILDING WALL.



1 EXISTING MAINTENANCE FACILITY
 8-9.01 1/4" = 1'-0" NORTH

FIXTURE SCHEDULE							
No.	Manufacturer	Catalog No.	Lamps		Mounting	Notes	Description
			No.	Order No.			
A	LITHONIA	C240-120-CNB	2	F40L/RS/ANMII	SURFACE	1, 2	4' STRIP
B	LITHONIA	8T-C240-120-CNB	4	F40L/RS/ANMII	SURFACE	1, 2	8' STRIP
C	PENNSYLVANIA	BD-4-70/4-70-120-PC	2	70W HPS	WALL	3	H.I.D. AREA LIGHT

- FIXTURE SCHEDULE NOTES:
- ACCEPTABLE MANUFACTURERS ARE LITHONIA, LUMAX, METALUX, AND WILLIAMS.
 - PROVIDE FIXTURE WITH COLD WEATHER BALLASTS.
 - PROVIDE FIXTURE WITH INTEGRAL PHOTOCELL.

SYMBOLS & ABBREVIATIONS

- ⊕ HIGH INTENSITY DISCHARGE -
- ⊖ FLUORESCENT FIXTURE - SURFACE OR
- ⊙ UPPER CASE LETTER INDICATES FIXTURE TYPE. LOWER CASE INDICATES SWITCH. NUMBER INDICATES CIRCUIT
- ⊙ SINGLE POLE SWITCH
- ⊙ SWITCH AND RECEPTACLE IN SAME OUTLET BOX
- ⊙ DUPLEX GROUNDED RECEPTACLE
- ⊙ GROUND FAULT RECEPTACLE
- ⊙ MOTOR OR SPECIAL EQUIPMENT CONNECTION. SEE SCHEDULE
- ⊙ JUNCTION BOX. SIZE AS REQUIRED BY CODE
- ⊙ TELEPHONE OUTLET - WALL, FLOOR
- ⊙ PANELBOARD
- ⊙ WEATHER PROOF

7-27-72	ISSUED FOR CONSTRUCTION	
Date	Issuance / Revisions	Symbol

ADDITIONS AND REMODELING
 FOR THE
 CITY OF MADISON
 MADISON, WISCONSIN

Drawing Title FLOOR PLAN & SCHEDULES - ELECTRICAL	
Project No. 9202600	Drawing No. B-9.01
Drawn By A40	